

**TULI**

## **GENOMIC BREEDING VALUE REPORT**

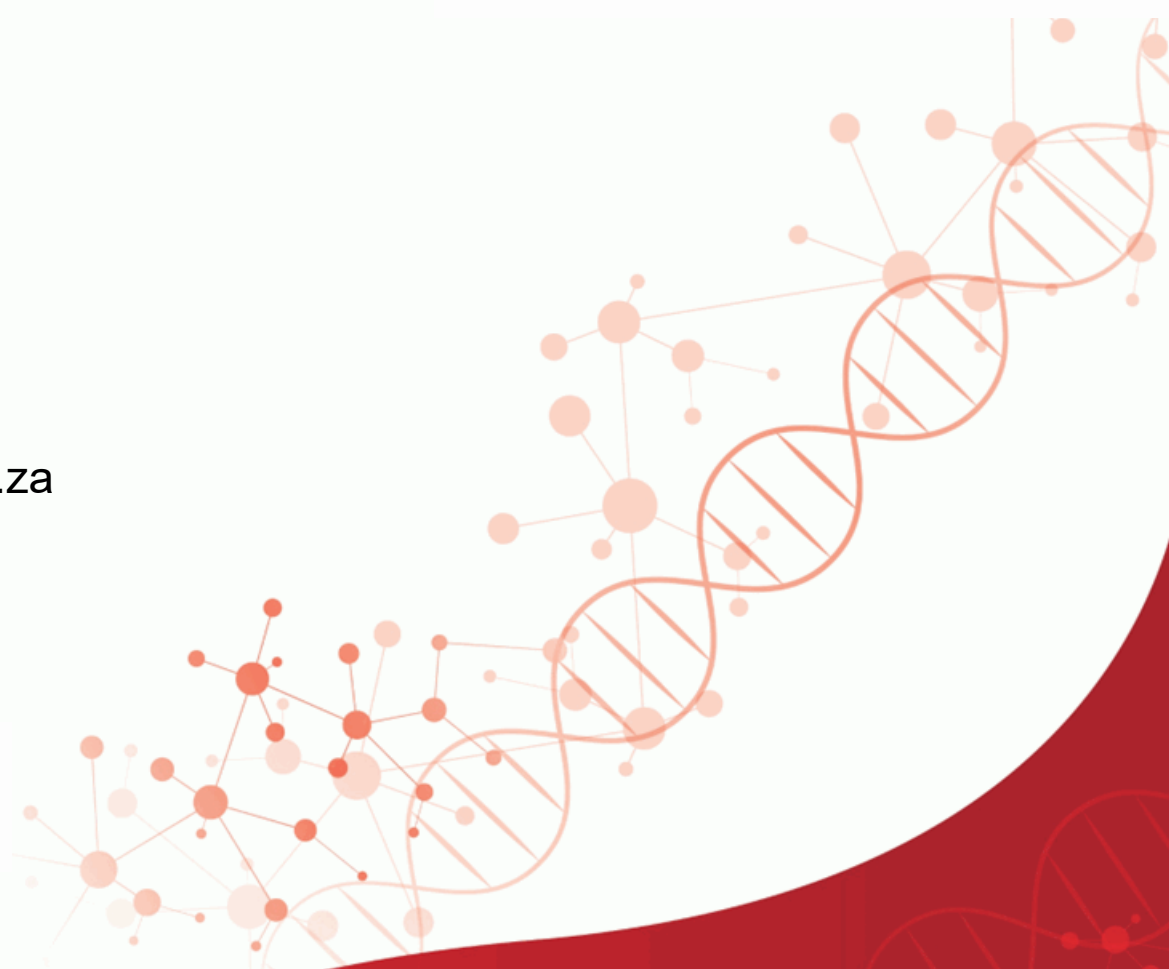
September 2026



**DON HARVEY TRUST**

Herd Number: 657736

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SA Stud Book's breeding value analyses are at a very high standard and are internationally accredited. The models were adjusted to enable a more precise determination of current breeding values.

## Genomic Breeding Values (GEBVs)



Genomically analyzed animals are marked with the accompanying logo. Older animals with accurate breeding values (Reference Population) are used to determine the relationship between the SNP markers and the breeding values, which are unique to each breed. Production measurements, pedigrees and genomic information are used to estimate Genomic Breeding Values (GEBVs). Genomically tested young animals therefore have extra information with which breeding values can be estimated especially for complex traits such as fertility and milk.

 Parentages can be determined very accurately with 50 000 markers, instead of the 15-30 markers with previous DNA tests, provided that the parent has also been genomically tested. Parentages are indicated as follows in this report:

- ☐ The parent has not been tested, and the parentage cannot therefore be confirmed genomically.
- ☒ Parentage is genomically correct
- ☒ Parentage conflict. If the correct parent has been genomically tested, SA Studbook will contact you. If the breeder of the animal confirms that the genomically designated parent was also on the farm at the time of mating, the parentage can be corrected. Please work extremely carefully when collecting and marking hair samples, otherwise the test must be repeated. If there are any queries, please contact Jason Reding at [jason@studbook.co.za](mailto:jason@studbook.co.za)

## Update to the Evaluation

Best scientific practice and technological improvements have made it possible to update the Genomic Evaluation as follows:

1. **Previous Calf:** A cow whose previous calf died or was not weaned will have its cow fertility and current calf's weaning weight penalized.
2. **The age adjustment** is within the contemporary group for weaning weight and growth traits instead of across the breed as before. This adjustment may affect some herds more than others.
3. **Mature Weight EBV/Maintenance Value** uses all of the cow's weights at weaning as a repeated measurement, not just the first 3 measurements as before. The EBV appears as Cow Weight Weaning on the report.

## New breeding values

- **Cow weight at birth of the calf**
- **Cow weight at weaning of the calf**
- **Cow-Calf Ratio at birth of the calf.** The Cow-Calf ratio is calculated with breeding values.
- **Cow-Calf Ratio at weaning of the calf.** The Cow-Calf ratio is calculated with breeding values.
- **Veld growth breeding value:** The growth rate and adaptability from weaning to year or 18 months for animals in Phase B on the veld.
- **Skin thickness:** Skin thickness is an indication of adaptation, where thicker skins protect the animal more against ticks as well as heat (due to an increase in blood vessels in the skin)



# EBVs, EBVi's and GEBVs

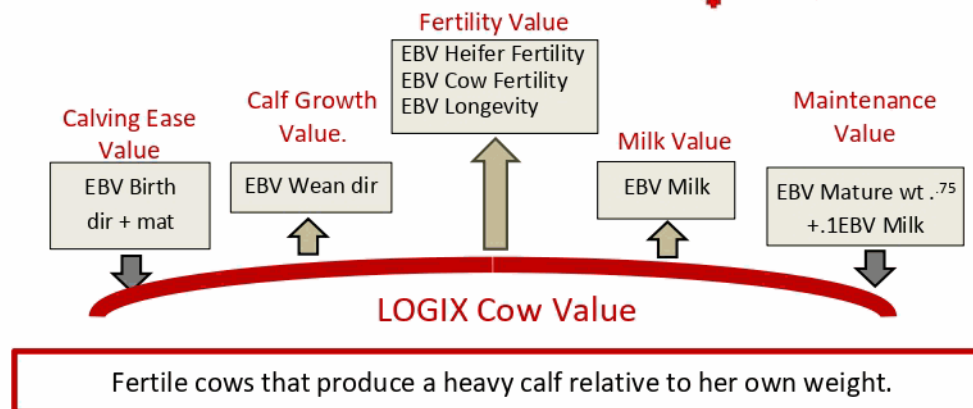
**EBVi (Breeding Value Index):** Genetic potential relative to the average (100) of the live animals in the breed. Roughly 50% of the animals have values between 90 and 110. Values above 100 tend to be in the more favourable direction.

**EBV (Breeding Value):** Genetic potential relative to the average of the animals born in the base year (1990), expressed in the unit of measurement.

**GEBV (Genomic Breeding Value)** Interpreted like the EBVi. (GEBV = EBV + Genomic information)

**LOGIX Selection values** combine different breeding values in a logical way. For example, Heifer Fertility (how early a heifer starts calving), Cow Fertility (how regular she calves) and Longevity (retention within the family) are combined to form the Fertility Value.

## LOGIX Cow Value



## Selection Values

### LOGIX Cow Value



Selecting for:

- fertile,
- low maintenance,
- easy calving cows
- with heavy weaners

### LOGIX Growth Value



Select for efficient growers on veld and in feedlot, as measured in Phase C and D Growth Tests.

### LOGIX Production Value



80% LOGIX Cow Value +  
20% LOGIX Growth Value

### LOGIX Carcass Value



Select for more meat on the carcass as measured from end weight in Phase C and D Growth Tests and RTU scanning.

## How to use the Cow Value

Selection values should be compatible with your selection goal.

### AVERAGE ANIMALS

(NO GROWTH EXTREMES)

- Selection Values 90 to 110
- Cow Value and Fertility Value average to high

A safe choice, as animals are profitable in most

### GROWERS

(GOOD ENVIRONMENT)

- Calf Growth / Growth Value > 120
- Cow Value and Fertility Value average to high

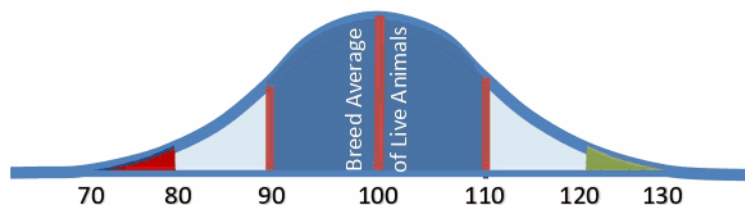
Growers are usually heavier at birth (lower Calving Ease Value), and maturity (lower Maintenance Value).

### LOW- MAINTENANCE ANIMALS

(HARSH ENVIRONMENT)

- Maintenance Value >110
  - Cow Value and Fertility Value average to high
- Lighter cows have a lower maintenance.

## Interpretation of EBVi and Selection Values

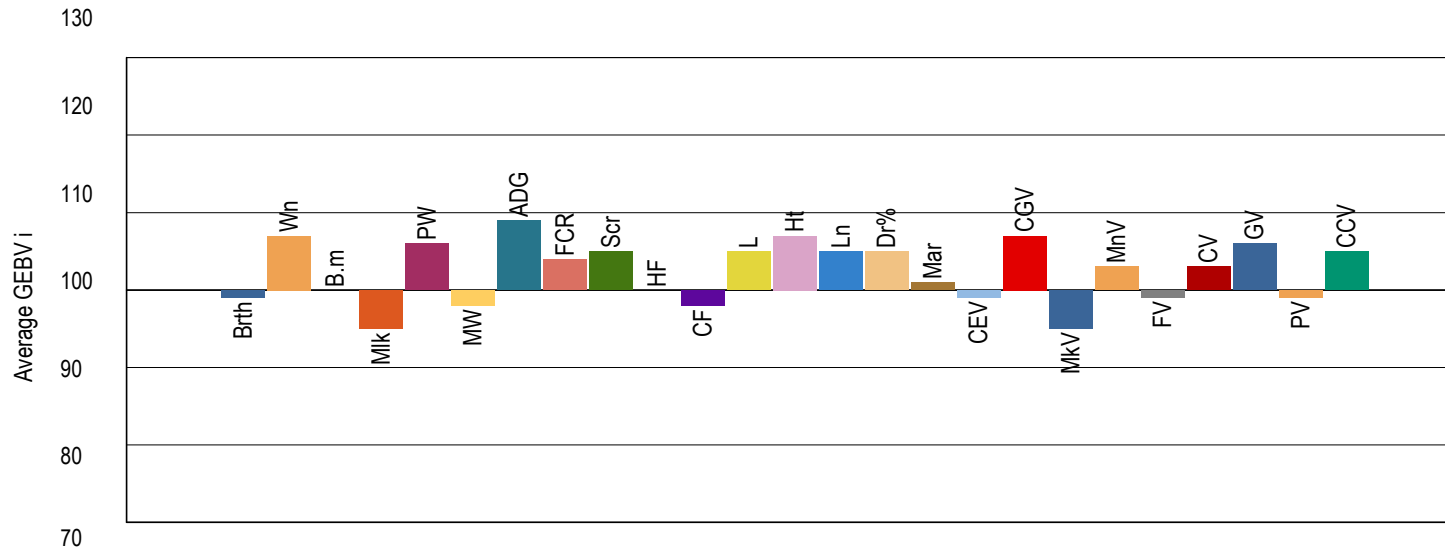


## Examples

| Type of Animal  | Cow Value | Calving Ease V | Calf Growth V | Milk Value | Maint. Value | Fertility Value |
|-----------------|-----------|----------------|---------------|------------|--------------|-----------------|
| Average         | Med-High  | Avg            | Avg           | Avg        | Avg          | Med-High        |
| Grower          | Med-High  |                | High          |            |              | Med-High        |
| Low Maintenance | Med-High  |                |               |            | High         | Med-High        |

|                     | EBVi                  | Description / Measurement                                                                     | Goal                 | High Value | Low Value |
|---------------------|-----------------------|-----------------------------------------------------------------------------------------------|----------------------|------------|-----------|
| Selection Values    | Calving Ease Value    | Difficult calving due to high birth weight                                                    | Average birth weight | High       | Low       |
|                     | Calf Growth Value     | Calf's genetic ability for prewean growth                                                     | Heavy weaner         | Light      | Heavy     |
|                     | Milk Value            | Cow's genetic mothering and milking ability                                                   | Enough milk for calf | Less       | More      |
|                     | Maintenance Value     | Maintenance requirement of cow (weight and milk)                                              | Low cow maintenance  | High       | Low       |
|                     | Fertility Value       | Fertility and retention of cows and heifers                                                   | Fertile cows         | Low        | High      |
|                     | Cow Value             | Combination of calving ease, calf growth, milk, maintenance and fertility values (Rand-value) | Profitable cows      | Loss       | Profit    |
|                     | Growth Value          | Efficient growth on veld and in feedlot (Rand-value)                                          | Profitable growth    | Loss       | Profit    |
|                     | Production Value      | Combination of Cow- and Growth Values (Rand-value)                                            | Profitable animals   | Loss       | Profit    |
|                     | Carcass Value         | Meat on carcass (Weight and RTU EBVs)                                                         | Meat on carcass      | Less       | More      |
| Birth               | Cow weight - birth    | Cow weight at birth of calves                                                                 | Mature cow weight    | Light      | Heavy     |
|                     | Birth weight direct   | Birth weight (Calf's genetic ability)                                                         | Average birth weight | Heavy      | Light     |
|                     | Cow-Calf birth        | EBV Birth dir / EBV Mature cow weight                                                         | Average              | Low        | High      |
| Wean                | Cow Weight wean       | Cow weight at weaning of calves                                                               | Mature cow weight    | Light      | Heavy     |
|                     | Weaning weight direct | Weaning weight (Calf's genetic ability)                                                       | Heavy weaners        | Light      | Heavy     |
|                     | Weaning weight mat    | Weaning weight (Dam's genetic ability)                                                        | Good mothers         | Poor       | Good      |
|                     | Cow-Calf Wean         | EBV Wean dir / EBV Mature cow weight                                                          | High cow-calf ratio  | Low        | High      |
| Growth & Adaptation | Post-Wean weight      | 12- and 18mnth weights                                                                        | Post-wean growth     | Low        | High      |
|                     | Ave. Daily Gain       | Average daily gain in growth test (Phase C and D)                                             | Good growth          | Poor       | Good      |
|                     | Veld Growth           | ADG on veld (Phase B)                                                                         | Good adaptation      | Poor       | Good      |
|                     | Feed Conversion Ratio | 100g feed intake / g weight gain                                                              | Feed Efficiency      | Poor       | Good      |
|                     | Final Test Weight     | Final weight in growth test (Phase C and D)                                                   | Heavy Carcasses      | Light      | Heavy     |
|                     | Skin Thickness        | Measured in growth tests                                                                      | Thicker skin         | Thick      | Thin      |
| Fertility           | Scrotal Circumference | Scrotal circumference in growth test                                                          | Fertile bulls        | Less       | More      |
|                     | Heifer Fertility      | Age at first calving                                                                          | Fertile heifers      | Less       | More      |
|                     | Cow Fertility         | First 3 inter-calving periods (ICPs)                                                          | Fertile cows         | Less       | More      |
|                     | Longevity             | Retention of progeny                                                                          | Acceptable progeny   | Poor       | Good      |
| Frame               | Height                | Shoulder / Hip height in growth test                                                          | Average height       | Short      | Tall      |
|                     | Length                | Length in growth test                                                                         | Longer (more meat)   | Short      | Long      |
|                     | Length:Height         | EBV Length / EBV Height                                                                       | Longer, not higher   | <1         | >1        |
| Carcass             | Eye Muscle Area       | RTU Eye muscle area                                                                           | Bigger steaks        | Small      | Big       |
|                     | Fat                   | RTU P8 Backfat Thickness                                                                      | Carcass quality      | Thin       | Thick     |
|                     | Marbling              | RTU % Marbling                                                                                | Juicy meat           | Low        | High      |
|                     | Dressing%             | Carcass weight / Live weight                                                                  | High dressing %      | Low        | High      |

## Herd and Breed Averages



### Genomic Breeding Values (GEBVs):

|       |                       |      |                  |
|-------|-----------------------|------|------------------|
| Brth: | Birth weight          | Scr: | Scrotal circumf. |
| Wn:   | Weaning weight        | HF:  | Heifer Fertility |
| B.m:  | Birth maternal        | CF:  | Cow Fertility    |
| Mlk:  | Milk                  | LL:  | Longevity        |
| PW:   | Post-wean weight      | Ht:  | Height           |
| MW:   | Mature weight         | Ln:  | Length           |
| ADG:  | Average Daily Gain    | Dr%: | Dressing%        |
| FCR:  | Feed Conversion Ratio | Mar: | Marbling         |

### Selection Values:

|      |                    |
|------|--------------------|
| CEV: | Calving Ease Value |
| CGV: | Calf Growth Value  |
| MkV: | Milk Value         |
| MnV: | Maintenance Value  |
| FV:  | Fertility Value    |
| CV:  | Cow Value          |
| GV:  | Growth Value       |
| PV:  | Production Value   |
| CCV: | Carcass Value      |

|                 | Trait            | EBV Herd | EBVi Herd | EBV Breed |
|-----------------|------------------|----------|-----------|-----------|
| Prewrite Growth | Birth Weight     | 1.09     | 99        | 0.97      |
|                 | Wean Weight      | 9.4      | 107       | 6.4       |
|                 | Birth Mat.       | 0.04     | 100       | 0.05      |
|                 | Milk (Wn.Mat.)   | 0.2      | 95        | 1.9       |
| Postwean Growth | Postwean Wt      | 13.1     | 106       | 10.1      |
|                 | Mature Weight    | 16       | 98        | 18        |
|                 | ADG              | 106      | 109       | 87        |
|                 | FCR              | -21      | 104       | -17       |
| Fertility       | Scrotal Circumf. | 15.3     | 105       | 12.8      |
|                 | Heifer Fertility | -6.0     | 100       | -5.9      |
|                 | Cow Fertility    | -2.4     | 98        | -2.6      |
|                 | Longevity        | 21.8     | 105       | 18.6      |
| Frame           | Height           | 18       | 107       | 14        |
|                 | Length           | 26       | 105       | 23        |
| Carcass         | Dressing%        | 0.11     | 105       | 0.04      |
|                 | Marbling         | 0.06     | 101       | -0.12     |

| Selection Value  | Ave. Herd |
|------------------|-----------|
| Calving Ease     | 99        |
| Calf Growth      | 107       |
| Milk             | 95        |
| Maintenance      | 103       |
| Fertility        | 99        |
| Cow Value        | 103       |
| Growth Value     | 106       |
| Production Value | 99        |
| Carcass Value    | 105       |

- Average of live animals in the breed: 100
- Above 100: **more favourable**,
- Below 100: **less favourable**

*What does a sub-selection value above breed average (100) mean?:*

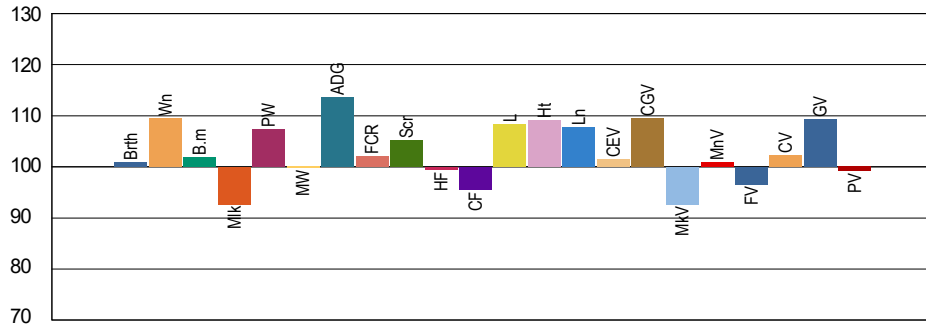
|               |                                                                  |
|---------------|------------------------------------------------------------------|
| Calving ease: | Smaller calf at birth - easier calving                           |
| Calf growth:  | Heavier calves at wean due to growth potential of the calf       |
| Milk:         | Cows with more milk and better mothering ability                 |
| Maintenance:  | Animals with low maintenance requirements (lower mature weight). |
| Fertility:    | Cows/daughters that calve earlier and/or more regularly.         |

# Genetic Windows

## Bulls on the farm

Bulls born in 2023 and earlier

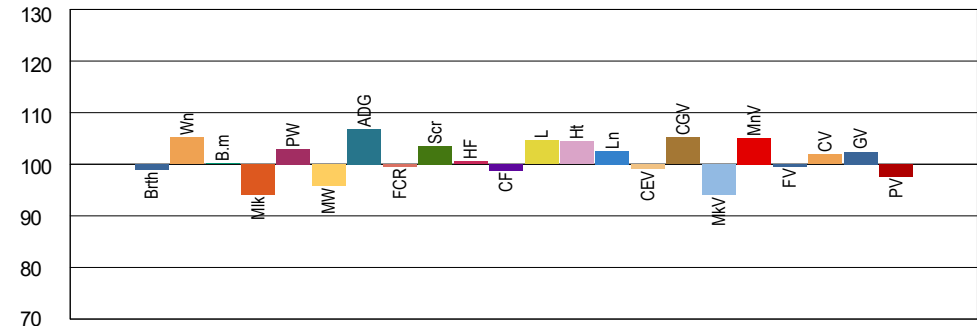
Total: 29



## Cow Herd

Cows born in 2024 and earlier

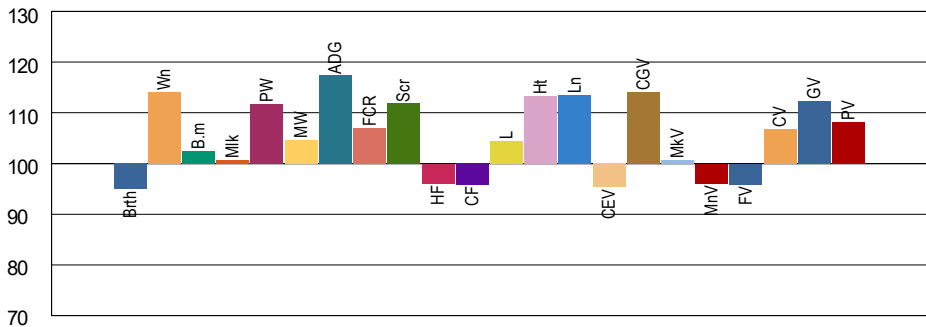
Total: 241



## Sires of young animals

Sires of animals 3 years and younger

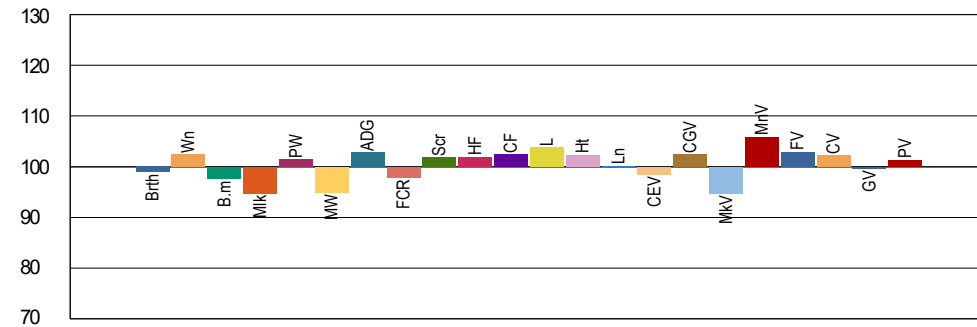
Total: 16



## Cows older than 6 years

Cows born in 2020 and earlier

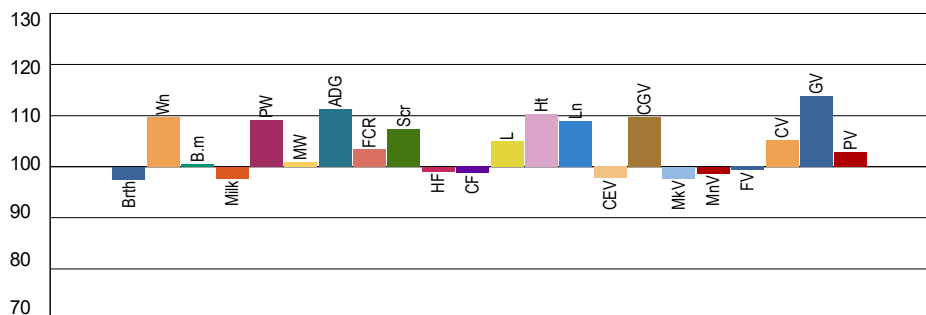
Total: 92



## Bull calves

Bulls born in 2025

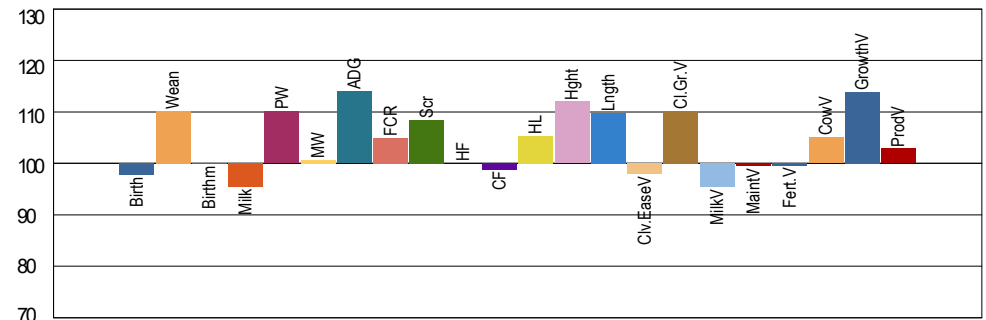
Total: 40



## Heifer calves

Heifers born in 2025

Total: 73

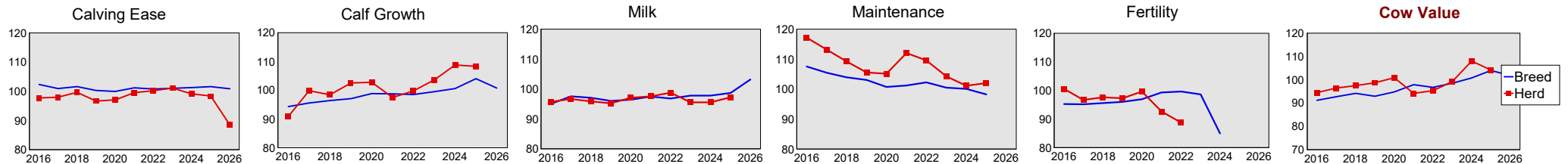


## Summary of Cow Herd

|                       |          |                   | Selection Values (SV)  |            |      |        |           |           |              |            | Calf Weight  |             | Dam        |               | Growth & Efficiency |               |     |     | Fertility        |                  |               |           | Frame  |        |
|-----------------------|----------|-------------------|------------------------|------------|------|--------|-----------|-----------|--------------|------------|--------------|-------------|------------|---------------|---------------------|---------------|-----|-----|------------------|------------------|---------------|-----------|--------|--------|
| Birth Year            | No. Cows | Average Cow Value | Calving Ease           | Calf Grwth | Milk | Maint. | Fertility | Cow Value | Growth Value | Prod Value | Birth Weight | Wean Weight | Birth Mat. | Milk (Wn.Mat) | Postwn Weight       | Mature Weight | ADG | FCR | Scrotal Circumf. | Heifer Fertility | Cow Fertility | Longevity | Height | Length |
|                       |          |                   | Cows in Breed Average: |            |      |        |           |           |              |            | 100          | 99          | 100        | 100           | 100                 | 99            | 99  | 100 | 100              | 100              | 100           | 100       | 100    | 99     |
| 2010                  | 1        | ★★★★☆             | 109                    | 94         | 77   | 104    | 102       | 88        | 102          | 88         | 110          | 94          | 96         | 77            | 106                 | 96            | 93  | 92  | 85               | 85               | 106           | 86        | 97     | 87     |
| 2011                  | 1        | ★★★★☆             | 115                    | 93         | 98   | 127    | 102       | 105       | 94           | 102        | 117          | 93          | 91         | 98            | 90                  | 78            | 94  | 99  | 114              | 96               | 103           | 111       | 96     | 90     |
| 2013                  | 1        | ★★★★☆             | 75                     | 96         | 96   | 131    | 87        | 87        | 103          | 87         | 81           | 96          | 81         | 96            | 87                  | 75            | 105 | 102 | 105              | 115              | 78            | 93        | 107    | 103    |
| 2014                  | 5        | ★★★★              | 106                    | 103        | 84   | 106    | 92        | 92        | 80           | 74         | 104          | 103         | 112        | 84            | 93                  | 95            | 93  | 87  | 99               | 88               | 94            | 100       | 100    | 95     |
| 2015                  | 12       | ★★★★☆             | 102                    | 93         | 91   | 113    | 110       | 100       | 95           | 106        | 103          | 93          | 98         | 91            | 92                  | 88            | 91  | 93  | 92               | 108              | 109           | 105       | 91     | 88     |
| 2016                  | 8        | ★★★★              | 96                     | 99         | 92   | 103    | 103       | 97        | 99           | 99         | 95           | 99          | 98         | 92            | 98                  | 99            | 98  | 93  | 98               | 108              | 101           | 103       | 96     | 95     |
| 2017                  | 20       | ★★★★☆             | 102                    | 105        | 101  | 105    | 95        | 102       | 103          | 101        | 102          | 105         | 100        | 101           | 104                 | 95            | 110 | 101 | 104              | 92               | 96            | 105       | 112    | 108    |
| 2018                  | 12       | ★★★★☆             | 98                     | 99         | 91   | 107    | 105       | 100       | 94           | 94         | 99           | 99          | 96         | 91            | 99                  | 93            | 96  | 93  | 94               | 108              | 103           | 105       | 92     | 92     |
| 2019                  | 15       | ★★★★☆             | 97                     | 103        | 93   | 107    | 109       | 106       | 102          | 111        | 97           | 103         | 98         | 93            | 102                 | 94            | 102 | 97  | 104              | 106              | 108           | 103       | 101    | 100    |
| 2020                  | 17       | ★★★★☆             | 92                     | 111        | 99   | 98     | 105       | 109       | 106          | 105        | 94           | 111         | 92         | 99            | 112                 | 102           | 114 | 105 | 113              | 103              | 105           | 104       | 111    | 111    |
| 2021                  | 20       | ★★★★              | 100                    | 99         | 96   | 108    | 100       | 99        | 98           | 97         | 101          | 99          | 98         | 96            | 96                  | 93            | 102 | 97  | 102              | 102              | 98            | 101       | 98     | 97     |
| 2022                  | 32       | ★★★★              | 98                     | 103        | 94   | 113    | 91        | 96        | 104          | 94         | 98           | 103         | 99         | 94            | 100                 | 89            | 110 | 103 | 105              | 98               | 90            | 104       | 103    | 101    |
| 2023                  | 46       | ★★★★              | 103                    | 107        | 90   | 105    | 95        | 99        | 103          | 93         | 101          | 107         | 105        | 90            | 103                 | 96            | 109 | 100 | 106              | 99               | 94            | 103       | 106    | 104    |
| 2024                  | 51       | ★★★★☆             | 97                     | 112        | 95   | 98     | 103       | 108       | 110          | 101        | 97           | 112         | 102        | 95            | 110                 | 102           | 111 | 101 | 105              | 101              | 103           | 110       | 110    | 109    |
| 2025                  | 73       | ★★★★☆             | 98                     | 110        | 95   | 99     | 100       | 105       | 114          | 103        | 98           | 110         | 100        | 95            | 110                 | 101           | 114 | 105 | 108              | 100              | 99            | 105       | 112    | 110    |
| 2026                  | 2        | ★★★★☆             | 103                    | 113        | 85   | 102    | 104       | 107       |              |            | 101          | 113         | 110        | 85            | 110                 | 99            | 104 | 101 | 109              | 102              | 103           | 105       | 105    | 104    |
| Cows in Herd Average: |          |                   | 99                     | 103        | 92   | 108    | 100       | 100       | 100          | 97         | 100          | 103         | 99         | 92            | 101                 | 93            | 103 | 108 | 103              | 101              | 99            | 103       | 102    | 100    |

# Genetic Trends for On-Farm Traits

The graphs show the genetic gain of the herd relative to the breed. Only data of animals with measurements are included.



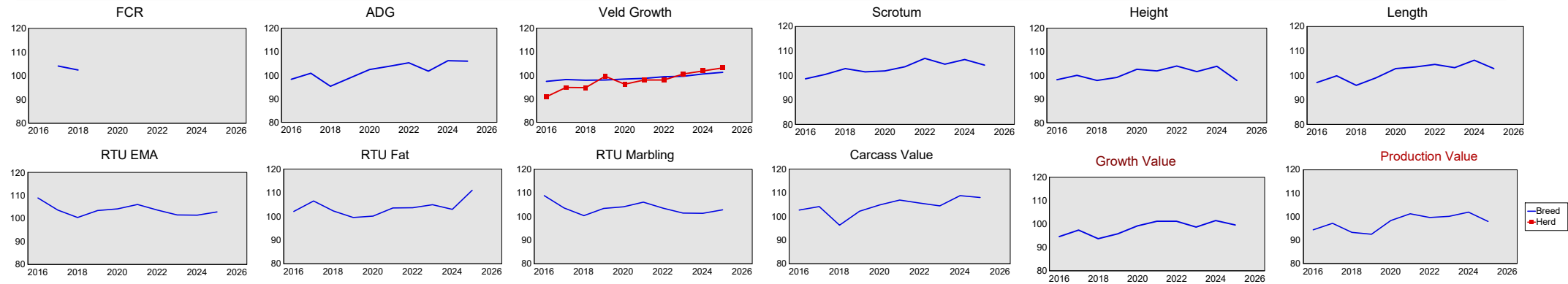
## Herd

| Birth Year | Calving Ease |         |         |            | Calf Growth    |      |             | Milk           |      |                 | Maintenance |               |        |             |              | Fertility |           |        |           |        |           |     |     | Cow Value |
|------------|--------------|---------|---------|------------|----------------|------|-------------|----------------|------|-----------------|-------------|---------------|--------|-------------|--------------|-----------|-----------|--------|-----------|--------|-----------|-----|-----|-----------|
|            | Birth Weight |         | Mat EBV | Calv. Ease | Weaning Weight |      | Calf Growth | Milk (Wn.Mat.) |      | Postwean Weight |             | Mature Weight |        | Maintenance | Heifer Fert. |           | Cow Fert. |        | Longevity |        | Fertility |     |     |           |
|            | Number       | Dir EBV |         |            | Number         | EBV  |             | Number         | EBV  | Milk            | Number      | EBV           | Number |             | EBV          | Number    | EBV       | Number | EBV       | Number |           | EBV |     |           |
| 2016       | 54           | 1.10    | 0.20    | 98         | 13             | 2.6  | 91          | 13             | 0.60 | 96              | 13          | 4.3           | 12     | 4           | 117          | 13        | -3.2      | 11     | -3.3      | 50     | 15.0      | 101 | 95  |           |
| 2017       | 92           | 1.11    | 0.16    | 98         | 92             | 6.4  | 100         | 92             | 0.91 | 97              | 90          | 7.9           | 26     | 10          | 113          | 29        | -3.3      | 25     | -2.1      | 102    | 14.7      | 97  | 96  |           |
| 2018       | 83           | 1.05    | 0.06    | 100        | 70             | 5.8  | 98          | 70             | 0.61 | 96              | 45          | 9.1           | 30     | 13          | 109          | 24        | -2.6      | 26     | -2.4      | 79     | 15.3      | 98  | 98  |           |
| 2019       | 81           | 1.20    | 0.18    | 97         | 53             | 7.5  | 103         | 53             | 0.42 | 95              | 43          | 11.3          | 23     | 10          | 106          | 19        | -5.2      | 19     | -2.4      | 79     | 16.5      | 97  | 99  |           |
| 2020       | 100          | 1.13    | 0.21    | 97         | 96             | 7.6  | 103         | 96             | 1.01 | 97              | 65          | 12.7          | 33     | 14          | 105          | 38        | -6.1      | 35     | -2.4      | 90     | 17.4      | 100 | 101 |           |
| 2021       | 125          | 0.93    | 0.18    | 100        | 115            | 5.4  | 98          | 115            | 1.18 | 98              | 83          | 7.2           | 22     | 8           | 112          | 28        | -5.3      | 22     | -1.6      | 98     | 15.2      | 93  | 94  |           |
| 2022       | 145          | 0.88    | 0.19    | 100        | 131            | 6.3  | 100         | 131            | 1.56 | 99              | 78          | 9.3           | 21     | 11          | 110          | 32        | -3.6      | 1      | -1.0      | 36     | 13.0      | 89  | 95  |           |
| 2023       | 151          | 0.90    | 0.05    | 101        | 143            | 7.9  | 104         | 143            | 0.54 | 96              | 76          | 12.3          |        |             | 104          |           |           |        |           |        |           |     | 99  |           |
| 2024       | 138          | 1.06    | 0.04    | 99         | 95             | 10.1 | 109         | 95             | 0.54 | 96              | 56          | 13.8          |        |             | 101          |           |           |        |           |        |           |     | 108 |           |
| 2025       | 124          | 1.11    | 0.06    | 98         | 99             | 9.9  | 108         | 99             | 1.05 | 97              | 12          | 13.6          |        |             | 102          |           |           |        |           |        |           |     | 104 |           |
| 2026       | 8            | 1.98    | -0.04   | 89         |                |      |             |                |      |                 |             |               |        |             |              |           |           |        |           |        |           |     |     |           |

## Breed

| Birth Year | Calving Ease |         |         |            | Calf Growth    |     |             | Milk           |      |      | Maintenance     |      |               |     |             |              | Fertility |           |      |           |      |           | Cow Value |
|------------|--------------|---------|---------|------------|----------------|-----|-------------|----------------|------|------|-----------------|------|---------------|-----|-------------|--------------|-----------|-----------|------|-----------|------|-----------|-----------|
|            | Birth Weight |         | Mat EBV | Calv. Ease | Weaning Weight |     | Calf Growth | Milk (Wn.Mat.) |      | Milk | Postwean Weight |      | Mature Weight |     | Maintenance | Heifer Fert. |           | Cow Fert. |      | Longevity |      | Fertility |           |
|            | Number       | Dir EBV |         |            | Number         | EBV |             | Number         | EBV  |      | Number          | EBV  | Number        | EBV |             | Number       | EBV       | Number    | EBV  | Number    | EBV  |           |           |
| 2016       | 2171         | 0.78    | 0.07    | 102        | 1651           | 4.0 | 94          | 1651           | 0.40 | 95   | 1062            | 6.0  | 383           | 12  | 108         | 427          | -4.7      | 355       | -1.8 | 2674      | 10.5 | 95        | 91        |
| 2017       | 2227         | 0.89    | 0.08    | 101        | 2114           | 4.6 | 96          | 2114           | 1.16 | 98   | 1376            | 7.6  | 385           | 14  | 105         | 484          | -3.3      | 392       | -2.2 | 2798      | 11.1 | 95        | 93        |
| 2018       | 2263         | 0.84    | 0.10    | 102        | 1983           | 4.9 | 96          | 1983           | 1.03 | 97   | 1247            | 8.3  | 468           | 16  | 104         | 513          | -4.1      | 443       | -1.9 | 2893      | 11.5 | 96        | 94        |
| 2019       | 2067         | 0.93    | 0.11    | 100        | 1915           | 5.2 | 97          | 1915           | 0.69 | 96   | 1206            | 8.5  | 497           | 15  | 103         | 538          | -3.4      | 421       | -2.1 | 2891      | 12.0 | 96        | 93        |
| 2020       | 2001         | 0.98    | 0.08    | 100        | 1997           | 5.9 | 99          | 1997           | 0.82 | 96   | 1278            | 9.6  | 447           | 18  | 101         | 515          | -4.2      | 397       | -2.4 | 2710      | 12.9 | 97        | 95        |
| 2021       | 2357         | 0.90    | 0.01    | 101        | 2345           | 5.9 | 99          | 2345           | 1.14 | 97   | 1597            | 9.1  | 446           | 19  | 101         | 497          | -5.2      | 357       | -2.8 | 2841      | 14.4 | 99        | 98        |
| 2022       | 2348         | 0.93    | 0.03    | 101        | 2331           | 5.8 | 99          | 2331           | 0.96 | 97   | 1400            | 9.1  | 413           | 17  | 102         | 468          | -5.4      | 99        | -2.3 | 800       | 13.4 | 100       | 97        |
| 2023       | 2371         | 0.90    | 0.06    | 101        | 2438           | 6.2 | 99          | 2438           | 1.25 | 98   | 1429            | 10.0 | 51            | 18  | 100         | 100          | -4.0      | 3         | -4.2 |           |      | 99        | 99        |
| 2024       | 2359         | 0.89    | 0.02    | 101        | 2094           | 6.7 | 101         | 2094           | 1.25 | 98   | 1225            | 10.8 |               |     | 100         | 2            | -4.8      |           |      |           |      | 85        | 101       |
| 2025       | 2513         | 0.83    | 0.04    | 102        | 1670           | 8.1 | 104         | 1670           | 1.52 | 99   | 181             | 12.0 |               |     | 98          |              |           |           |      |           |      |           | 104       |
| 2026       | 332          | 0.87    | 0.14    | 101        | 74             | 6.7 | 101         | 74             | 2.95 | 103  |                 |      |               |     |             |              |           |           |      |           |      |           | 102       |

# Genetic Trends for Growth Test and Carcass Traits



## Herd

| Birth<br>Year | Growth |     |      |        |     |      |             |     |      |         |     |      | Frame  |     |      |        |     |      | Carcass       |     |      |     |      |          | Selection Values |                  |                 |               |
|---------------|--------|-----|------|--------|-----|------|-------------|-----|------|---------|-----|------|--------|-----|------|--------|-----|------|---------------|-----|------|-----|------|----------|------------------|------------------|-----------------|---------------|
|               | FCR    |     |      | ADG    |     |      | Veld Growth |     |      | Scrotum |     |      | Height |     |      | Length |     |      | EMA           |     |      | Fat |      | Marbling |                  | Carcass<br>Value | Growth<br>Value | Prod<br>Value |
|               | Number | EBV | EBVi | Number | EBV | EBVi | Number      | EBV | EBVi | Number  | EBV | EBVi | Number | EBV | EBVi | Number | EBV | EBVi | RTU<br>Number | EBV | EBVi | EBV | EBVi | EBV      | EBVi             |                  |                 |               |
| 2017          |        |     |      |        |     |      | 86          | 13  | 95   |         |     |      |        |     |      |        |     |      |               |     |      |     |      |          |                  |                  |                 |               |
| 2018          |        |     |      |        |     |      | 45          | 13  | 95   |         |     |      |        |     |      |        |     |      |               |     |      |     |      |          |                  |                  |                 |               |
| 2019          |        |     |      |        |     |      | 38          | 25  | 100  |         |     |      |        |     |      |        |     |      |               |     |      |     |      |          |                  |                  |                 |               |
| 2020          |        |     |      |        |     |      | 60          | 17  | 96   |         |     |      |        |     |      |        |     |      |               |     |      |     |      |          |                  |                  |                 |               |
| 2021          |        |     |      |        |     |      | 82          | 21  | 98   |         |     |      |        |     |      |        |     |      |               |     |      |     |      |          |                  |                  |                 |               |
| 2022          |        |     |      |        |     |      | 65          | 21  | 98   |         |     |      |        |     |      |        |     |      |               |     |      |     |      |          |                  |                  |                 |               |
| 2023          |        |     |      |        |     |      | 68          | 27  | 101  |         |     |      |        |     |      |        |     |      |               |     |      |     |      |          |                  |                  |                 |               |
| 2024          |        |     |      |        |     |      | 44          | 31  | 102  |         |     |      |        |     |      |        |     |      |               |     |      |     |      |          |                  |                  |                 |               |
| 2025          |        |     |      |        |     |      | 11          | 34  | 103  |         |     |      |        |     |      |        |     |      |               |     |      |     |      |          |                  |                  |                 |               |
| 2026          |        |     |      |        |     |      |             |     |      |         |     |      |        |     |      |        |     |      |               |     |      |     |      |          |                  |                  |                 |               |

## Breed

| Birth<br>Year | Growth |     |      |        |     |      |             |     |      | Frame   |      |      |        |     |      | Carcass |     |      |               |      |      | Selection Values |      |          |     |                 |                 |               |
|---------------|--------|-----|------|--------|-----|------|-------------|-----|------|---------|------|------|--------|-----|------|---------|-----|------|---------------|------|------|------------------|------|----------|-----|-----------------|-----------------|---------------|
|               | FCR    |     |      | ADG    |     |      | Veld Growth |     |      | Scrotum |      |      | Height |     |      | Length  |     |      | RTU<br>Number | EMA  |      | Fat              |      | Marbling |     | Cracss<br>Value | Growth<br>Value | Prod<br>Value |
|               | Number | EBV | EBVi | Number | EBV | EBVi | Number      | EBV | EBVi | Number  | EBV  | EBVi | Number | EBV | EBVi | Number  | EBV | EBVi |               | EBV  | EBVi | EBV              | EBVi |          |     |                 |                 |               |
| 2017          | 19     | -21 | 104  | 151    | 89  | 101  | 1148        | 22  | 98   | 151     | 13.0 | 100  | 151    | 14  | 100  | 151     | 22  | 100  | 97            | 0.24 | 100  | -0.05            | 107  | 0.32     | 104 | 104             | 97              | 97            |
| 2018          | 4      | -20 | 103  | 147    | 78  | 95   | 1070        | 21  | 98   | 147     | 14.2 | 103  | 147    | 13  | 98   | 147     | 20  | 96   | 114           | 0.09 | 98   | -0.36            | 102  | -0.07    | 100 | 96              | 94              | 93            |
| 2019          |        |     |      | 155    | 85  | 99   | 987         | 21  | 98   | 155     | 13.5 | 101  | 155    | 14  | 99   | 155     | 22  | 99   | 87            | 0.31 | 101  | -0.55            | 100  | 0.30     | 103 | 102             | 96              | 93            |
| 2020          |        |     |      | 242    | 92  | 102  | 966         | 22  | 98   | 259     | 13.7 | 102  | 260    | 16  | 103  | 260     | 24  | 103  | 185           | 0.40 | 102  | -0.52            | 100  | 0.39     | 104 | 105             | 99              | 98            |
| 2021          |        |     |      | 213    | 95  | 104  | 1303        | 23  | 99   | 212     | 14.5 | 104  | 213    | 15  | 102  | 213     | 25  | 103  | 192           | 0.52 | 104  | -0.27            | 104  | 0.62     | 106 | 107             | 101             | 101           |
| 2022          |        |     |      | 233    | 98  | 105  | 1090        | 25  | 99   | 233     | 16.1 | 107  | 233    | 16  | 104  | 233     | 25  | 104  | 199           | 0.40 | 102  | -0.26            | 104  | 0.31     | 104 | 106             | 101             | 100           |
| 2023          |        |     |      | 205    | 91  | 102  | 1157        | 25  | 100  | 216     | 15.0 | 105  | 209    | 15  | 102  | 209     | 25  | 103  | 216           | 0.45 | 103  | -0.16            | 105  | 0.06     | 101 | 104             | 99              | 100           |
| 2024          |        |     |      | 187    | 99  | 106  | 947         | 27  | 101  | 179     | 15.8 | 106  | 198    | 16  | 104  | 198     | 27  | 106  | 172           | 0.50 | 103  | -0.31            | 103  | 0.05     | 101 | 109             | 101             | 102           |
| 2025          |        |     |      | 8      | 99  | 106  | 152         | 29  | 101  | 8       | 14.9 | 104  | 17     | 13  | 98   | 17      | 24  | 103  | 13            | 0.25 | 100  | 0.27             | 111  | 0.21     | 103 | 108             | 100             | 98            |
| 2026          |        |     |      |        |     |      |             |     |      |         |      |      |        |     |      |         |     |      |               |      |      |                  |      |          |     |                 |                 |               |

# Sires

| Bull                   |                                                                                                                                                                                                 |                   | Selection Values |               |            |          |             |           |              |             | Birth     |             |          | Wean           |             |         |          | Grwth & Adaptation |            |     |             |       | Fertility  |         |             |           | Raam      |        | Carcass |       |       |          | Progeny |             |      |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------------|---------------|------------|----------|-------------|-----------|--------------|-------------|-----------|-------------|----------|----------------|-------------|---------|----------|--------------------|------------|-----|-------------|-------|------------|---------|-------------|-----------|-----------|--------|---------|-------|-------|----------|---------|-------------|------|
| Index<br>EBV<br>Acc    | Genomic                                                                                                                                                                                         | Sire ID<br>Dam ID | Calv. Ease V     | Calf Growth V | Milk Value | Maint. V | Fertility V | Cow Value | Growth Value | Prod. Value | Carcass V | Cow wt brth | Birth wt | Cow-Calf birth | Cow wt wean | Wean wt | Wean mat | Cow-Calf wn        | Post wn wt | ADG | Veld growth | FCR   | Skin Thckn | Scrotum | Heifer Fert | Cow Fert. | Longevity | Height | Length  | EMA   | Fat   | Marbling | Dress % | Nr measured |      |
| ID<br>Comp.nr          |                                                                                                                                                                                                 |                   |                  |               |            |          |             |           |              |             |           |             |          |                |             |         |          |                    |            |     |             |       |            |         |             |           |           |        |         |       |       |          |         | Birth       | Wean |
| ADM 180052<br>88281779 | AM 130091<br>XY 110058                                                                                                                                                                          | 82                | 130              | 101           | 74         | 73       | 95          | 99        | 94           | 110         | 133       | 80          | 107      | 131            | 130         | 101     | 109      | 123                | 115        | 97  | 104         | 93    | 118        | 89      | 70          | 89        | 117       | 121    | 116     | 83    | 97    | 114      | 0.23    | 26          | 19   |
|                        |                                                                                                                                                                                                 | 82                | 81               | 57            | 62         | 34       | 58          | 34        | 53           | 36          | 51        | 2.67        | -0.9     | 50             | 18.7        | 2.2     | 58       | 22.1               | 117        | 20  | -21         | -0.17 | 21.3       | -0.3    | 2.6         | 11.9      | 24        | 36.1   | 1.41    | -1.75 | -0.53 | 0.23     | 2       | 3           |      |
| ADM 200045<br>91141580 | GH 140006<br>E 160106                                                                                                                                                                           | 92                | 114              | 94            | 100        | 93       | 102         | 112       | 103          | 93          | 99        | 88          | 111      | 99             | 114         | 94      | 106      | 100                | 112        | 101 | 96          | 100   | 99         | 85      | 96          | 115       | 100       | 99     | 91      | 80    | 55    | 89       | 0.12    | 29          | 22   |
|                        |                                                                                                                                                                                                 | 82                | 84               | 57            | 54         | 28       | 57          | 35        | 53           | 60          | 19        | 2.02        | -1.4     | 14             | 12.2        | 0.2     | 51       | 10.4               | 110        | 28  | -14         | 0.12  | 12.5       | 1.4     | -1.8        | 27.7      | 14        | 21.7   | -0.42   | -1.97 | -5.54 | -0.12    | 1       | 1           |      |
| ADM 210028<br>92824093 |  GH 140001<br> ADM 160028     | 91                | 121              | 80            | 85         | 112      | 110         | 154       | 119          | 136         | 118       | 93          | 99       | 118            | 121         | 80      | 91       | 132                | 157        | 126 | 140         | 53    | 145        | 103     | 113         | 103       | 150       | 145    | 126     | 58    | 107   | 122      | 0.34    | 39          | 28   |
|                        |                                                                                                                                                                                                 | 92                | 92               | 85            | 85         | 74       | 81          | 84        | 82           | 85          | 37        | 1.57        | 0.0      | 35             | 15.1        | -4.3    | 14       | 26.8               | 200        | 90  | -52         | -1.77 | 33.6       | -7.6    | -5.0        | 20.3      | 43        | 51.2   | 2.15    | -3.57 | 0.69  | 0.34     | 1       |             |      |
| AM 070053<br>66128976  | ASE 010040<br>ADM 010002                                                                                                                                                                        | 94                | 93               | 108           | 122        | 61       | 73          | 104       | 75           | 108         | 78        | 95          | 82       | 81             | 93          | 108     | 111      | 79                 | 104        | 79  | 91          | 72    | 116        | 84      | 55          | 87        | 104       | 100    | 124     | 111   | 98    | 124      | 0.37    | 56          | 52   |
|                        |                                                                                                                                                                                                 | 92                | 92               | 84            | 81         | 54       | 75          | 40        | 68           | 41          | -2        | 1.37        | 1.9      | -4             | 3.4         | 4.3     | 63       | -1.1               | 95         | -26 | -9          | -1.00 | 20.0       | 2.1     | 5.1         | 10.4      | 16        | 22.5   | 2.01    | 0.30  | -0.38 | 0.37     | 18      | 46          |      |
| AM 080069<br>67759092  |  W 991232<br> CR 020042       | 84                | 132              | 74            | 95         | 41       | 68          | 40        | 56           | 75          | 101       | 80          | 102      | 106            | 132         | 74      | 97       | 104                | 65         | 95  | 75          | 55    | 88         | 60      | 42          | 82        | 102       | 100    | 124     | 85    | 62    | 121      | 0.32    | 104         | 52   |
|                        |                                                                                                                                                                                                 | 96                | 95               | 91            | 91         | 76       | 85          | 82        | 84           | 82          | 20        | 2.62        | -0.4     | 23             | 19.6        | -6.4    | 29       | 12.1               | 17         | 14  | 4           | -1.71 | 7.4        | 14.1    | 7.4         | 7.2       | 15        | 22.7   | 2.00    | -1.62 | -4.72 | 0.32     | 1       | 72          |      |
| AM 080081<br>68242791  | H 030073<br>W 040039                                                                                                                                                                            | 107               | 93               | 88            | 113        | 84       | 82          | 56        | 73           | 63          | 87        | 108         | 95       | 87             | 93          | 88      | 88       | 74                 | 67         | 84  | 72          | 127   | 108        | 87      | 83          | 83        | 74        | 69     | 71      | 78    | 80    | 69       | 0.39    | 78          | 94   |
|                        |                                                                                                                                                                                                 | 92                | 95               | 83            | 81         | 52       | 75          | 40        | 68           | 42          | 7         | 0.34        | 0.4      | 2              | 3.7         | -1.8    | 9        | -3.8               | 22         | -14 | 7           | 1.17  | 16.7       | 0.5     | 0.2         | 8.2       | -1        | 2.3    | -1.86   | -2.09 | -2.50 | -0.39    | 10      | 53          |      |
| AM 090025<br>69754620  | HBH 060976<br>AM 070002                                                                                                                                                                         | 119               | 97               | 109           | 100        | 96       | 104         | 116       | 105          | 106         | 101       | 117         | 114      | 97             | 97          | 109     | 108      | 87                 | 115        | 85  | 111         | 120   | 115        | 97      | 97          | 99        | 103       | 104    | 88      | 99    | 89    | 88       | 0.44    | 151         | 96   |
|                        |                                                                                                                                                                                                 | 94                | 95               | 84            | 80         | 53       | 76          | 44        | 70           | 58          | 21        | -0.46       | -1.7     | 13             | 5.4         | 4.8     | 56       | 3.1                | 118        | -11 | -26         | 0.92  | 19.8       | -4.2    | -2.0        | 18.1      | 16        | 24.9   | -0.64   | -0.57 | -1.51 | -0.12    | 3       | 44          |      |
| AM 090036<br>69754745  |  H 030073<br> ADM 010061      | 103               | 107              | 79            | 96         | 150      | 130         | 99        | 126          | 97          | 104       | 104         | 136      | 105            | 107         | 79      | 83       | 95                 | 95         | 82  | 90          | 88    | 100        | 137     | 147         | 98        | 100       | 95     | 78      | 61    | 94    | 75       | 0.31    | 97          | 85   |
|                        |                                                                                                                                                                                                 | 96                | 96               | 94            | 93         | 80       | 87          | 86        | 87           | 87          | 23        | 0.64        | -4.3     | 21             | 9.4         | -4.8    | -3       | 7.2                | 76         | -19 | -9          | -0.39 | 12.7       | -24.5   | -10.8       | 17.2      | 14        | 19.4   | -1.37   | -3.38 | -0.79 | -0.31    | 7       | 136         |      |
| AM 110165<br>74947250  | W 060015<br>AM 090062                                                                                                                                                                           | 94                | 116              | 113           | 102        | 106      | 123         | 90        | 117          | 106         | 100       | 93          | 95       | 95             | 116         | 113     | 129      | 106                | 100        | 89  | 85          | 80    | 86         | 100     | 107         | 79        | 76        | 107    | 111     | 89    | 110   | 109      | 0.17    | 25          | 48   |
|                        |                                                                                                                                                                                                 | 87                | 92               | 85            | 85         | 53       | 75          | 38        | 68           | 56          | 19        | 1.52        | 0.3      | 10             | 13.1        | 6.1     | 104      | 13.2               | 87         | -2  | -4          | -0.70 | 6.4        | -6.0    | -3.8        | 5.7       | 1         | 26.9   | 1.04    | -1.31 | 1.10  | 0.17     | 3       | 52          |      |
| AM 120022<br>76729078  | W 080067<br>AM 009340                                                                                                                                                                           | 106               | 102              | 90            | 131        | 91       | 100         | 95        | 97           | 100         | 76        | 110         | 82       | 75             | 102         | 90      | 104      | 82                 | 96         | 95  | 88          | 89    | 94         | 94      | 92          | 85        | 90        | 99     | 92      | 78    | 88    | 90       | 0.11    | 146         | 130  |
|                        |                                                                                                                                                                                                 | 94                | 96               | 86            | 87         | 53       | 77          | 35        | 69           | 42          | -3        | 0.17        | 1.9      | -11            | 7.3         | -1.2    | 45       | 0.5                | 79         | 13  | -7          | -0.32 | 10.1       | -2.7    | -1.2        | 9.0       | 8         | 21.6   | -0.36   | -2.15 | -1.53 | -0.11    | 1       | 52          |      |
| CR 070038<br>64790629  | R 040037<br>CR 030036                                                                                                                                                                           | 113               | 115              | 66            | 88         | 91       | 90          | 106       | 90           | 102         | 114       | 112         | 114      | 116            | 115         | 66      | 74       | 122                | 104        | 101 | 90          | 98    | 102        | 52      | 103         | 89        | 108       | 103    | 125     | 111   | 91    | 125      | 0.39    | 98          | 71   |
|                        |                                                                                                                                                                                                 | 94                | 94               | 89            | 85         | 58       | 78          | 34        | 69           | 58          | 33        | -0.01       | -1.7     | 33             | 12.5        | -8.8    | -25      | 21.5               | 95         | 30  | -9          | 0.02  | 13.8       | 18.0    | -3.1        | 11.8      | 19        | 24.4   | 2.09    | 0.25  | -1.16 | 0.39     | 22      | 85          |      |
| CR 080026<br>66590472  | CR 030069<br>CR 970036                                                                                                                                                                          | 114               | 99               | 106           | 104        | 105      | 109         | 90        | 105          | 95          | 95        | 111         | 110      | 94             | 99          | 106     | 108      | 96                 | 96         | 98  | 84          | 115   | 101        | 81      | 112         | 90        | 100       | 97     | 112     | 111   | 85    | 113      | 0.21    | 85          | 45   |
|                        |                                                                                                                                                                                                 | 92                | 92               | 83            | 78         | 56       | 75          | 23        | 65           | 26          | 14        | 0.03        | -1.3     | 9              | 5.9         | 3.8     | 54       | 8.2                | 79         | 21  | -4          | 0.70  | 13.2       | 3.5     | -4.7        | 12.5      | 14        | 20.3   | 1.17    | 0.24  | -1.94 | 0.21     | 15      | 48          |      |
| E 120010<br>75227405   | DT 070011<br>G 090176                                                                                                                                                                           | 82                | 114              | 103           | 87         | 88       | 97          |           |              |             | 111       | 79          | 103      | 113            | 114         | 103     | 108      | 110                | 102        | 91  |             | 89    | 99         | 86      | 90          | 93        | 107       | 104    | 112     | 93    | 106   | 111      | 0.18    | 66          | 46   |
|                        |                                                                                                                                                                                                 | 93                | 92               | 85            | 86         | 47       | 74          |           |              |             | 30        | 2.72        | -0.5     | 30             | 12.0        | 2.9     | 54       | 15.6               | 92         | 4   |             | -0.35 | 12.1       | 1.0     | -0.9        | 14.0      | 18        | 25.1   | 1.11    | -1.06 | 0.66  | 0.18     | 22      | 68          |      |
| GH 140001<br>78888641  |  ASE 060103<br> GH 080001 | 77                | 131              | 50            | 98         | 73       | 77          | 141       | 86           | 119         | 105       | 78          | 86       | 105            | 131         | 50      | 74       | 128                | 149        | 114 | 147         | 96    | 145        | 65      | 80          | 88        | 150       | 133    | 111     | 82    | 100   | 110      | 0.17    | 163         | 137  |
|                        |                                                                                                                                                                                                 | 97                | 97               | 93            | 93         | 80       | 87          | 90        | 88           | 92          | 24        | 2.82        | 1.4      | 21             | 19.3        | -14.0   | -24      | 24.9               | 184        | 60  | -59         | -0.07 | 33.6       | 11.8    | 0.9         | 11.0      | 43        | 43.9   | 1.08    | -1.86 | -0.08 | 0.17     | 41      | 23          |      |

# Sires

| Bull                   |                                                                                     |                   | Selection Values |               |            |          |             |           |              |             |           | Birth       |          |                | Wean        |         |          |             | Grwth & Adaptation |     |             |     |            | Fertility |             |           |           | Raam   |        | Carcass |       |          |         |             | Progeny |            |
|------------------------|-------------------------------------------------------------------------------------|-------------------|------------------|---------------|------------|----------|-------------|-----------|--------------|-------------|-----------|-------------|----------|----------------|-------------|---------|----------|-------------|--------------------|-----|-------------|-----|------------|-----------|-------------|-----------|-----------|--------|--------|---------|-------|----------|---------|-------------|---------|------------|
| Index<br>EBV<br>Acc    | Genomic                                                                             | Sire ID<br>Dam ID | Calv. Ease V     | Calf Growth V | Milk Value | Maint. V | Fertility V | Cow Value | Growth Value | Prod. Value | Carcass V | Cow wt brth | Birth wt | Cow-Calf birth | Cow wt wean | Wean wt | Wean mat | Cow-Calf wn | Post wn wt         | ADG | Veld growth | FCR | Skin Thckn | Scrotum   | Heifer Fert | Cow Fert. | Longevity | Height | Length | EMA     | Fat   | Marbling | Dress % | Nr measured |         |            |
| ID<br>Comp.nr          |                                                                                     |                   |                  |               |            |          |             |           |              |             |           |             |          |                |             |         |          |             |                    |     |             |     |            |           |             |           |           |        |        |         |       |          |         | Birth       | Wean    | Grwth Test |
| GH 150004<br>82505389  | XY                                                                                  | 120065            | 120              | 90            | 59         | 142      | 71          | 67        | 103          | 69          | 97        | 69          | 116      | 119            | 66          | 90      | 59       | 61          | 82                 | 101 | 105         | 83  | 112        | 84        | 106         | 63        | 96        | 83     | 78     | 95      | 140   | 129      | 99      | 223         | 195     |            |
|                        |                                                                                     | XY 120042         | 95               | 97            | 86         | 90       | 54          | 78        | 44           | 71          | 76        | -11         | -0.33    | -2.4           | -21         | 2.4     | -10.9    | -55         | 0.6                | 90  | 37          | -3  | 0.59       | 5.2       | -8.7        | 3.9       | 15.8      | 4      | 8.7    | -0.13   | 2.38  | 3.36     | 0.02    | 17          | 40      | 45         |
| GH 210010<br>92466366  | R                                                                                   | 130166            | 90               | 113           | 102        | 89       | 123         | 122       | 93           | 117         | 109       | 111         | 91       | 97             | 111         | 113     | 102      | 107         | 109                | 102 | 88          | 91  | 89         | 97        | 117         | 122       | 126       | 98     | 102    | 107     | 104   | 100      | 107     | 33          | 27      |            |
|                        |                                                                                     | GH 180021         | 83               | 87            | 60         | 59       | 40          | 62        | 20           | 54          | 26        | 30          | 1.75     | 0.2            | 28          | 11.6    | 2.6      | 52          | 14.7               | 91  | -3          | -10 | -0.34      | 11.7      | -14.2       | -6.5      | 34.5      | 13     | 23.6   | 0.74    | -0.26 | -0.15    | 0.13    |             |         |            |
| H 030073<br>48220503   |    | CR 990035         | 83               | 109           | 83         | 103      | 106         | 100       | 104          | 99          | 96        | 100         | 76       | 97             | 96          | 109     | 83       | 92          | 94                 | 101 | 83          | 96  | 105        | 117       | 94          | 109       | 90        | 97     | 90     | 69      | 76    | 97       | 68      | 164         | 158     |            |
|                        |                                                                                     | H 950049          | 98               | 98            | 97         | 97       | 87          | 91        | 92           | 91          | 90        | 20          | 2.98     | 0.2            | 12          | 10.0    | -3.4     | 17          | 6.8                | 90  | -15         | -14 | 0.29       | 20.6      | -3.0        | -4.1      | 12.2      | 13     | 16.2   | -2.01   | -2.26 | -0.53    | -0.41   | 32          | 64      | 262        |
| H 050089<br>62490305   |    | H 990022          | 84               | 124           | 97         | 80       | 120         | 124       | 108          | 122         | 123       | 120         | 85       | 99             | 123         | 124     | 97       | 106         | 127                | 113 | 109         | 95  | 67         | 90        | 109         | 121       | 96        | 77     | 109    | 124     | 100   | 133      | 124     | 532         | 419     |            |
|                        |                                                                                     | H 980036          | 99               | 99            | 98         | 98       | 92          | 93        | 96           | 94          | 97        | 39          | 2.19     | -0.1           | 41          | 16.4    | 1.0      | 49          | 24.1               | 112 | 47          | -13 | -1.19      | 8.1       | -10.3       | -6.3      | 15.8      | 1      | 28.5   | 2.00    | -0.54 | 3.86     | 0.36    | 91          | 134     | 470        |
| H 090001<br>67759308   |    | H 050089          | 87               | 113           | 101        | 86       | 128         | 124       | 104          | 122         | 116       | 113         | 85       | 103            | 115         | 113     | 101      | 105         | 122                | 115 | 115         | 106 | 98         | 96        | 107         | 131       | 94        | 105    | 122    | 86      | 115   | 120      | 211     | 164         |         |            |
|                        |                                                                                     | LB 950105         | 97               | 97            | 95         | 94       | 83          | 88        | 84           | 87          | 85        | 33          | 2.24     | -0.6           | 32          | 11.8    | 2.3      | 47          | 21.8               | 117 | 63          | -22 | 0.03       | 10.9      | -9.4        | -8.0      | 14.6      | 17     | 36.6   | 1.86    | -1.51 | 1.64     | 0.32    |             | 42      | 219        |
| HBH 080115<br>67874529 | R                                                                                   | 970025            | 135              | 92            | 88         | 99       | 119         | 109       | 103          | 107         | 102       | 97          | 136      | 123            | 101         | 92      | 88       | 83          | 94                 | 100 | 106         | 110 | 107        | 122       | 108         | 120       | 91        | 108    | 97     | 103     | 101   | 100      | 103     | 25          | 24      |            |
|                        |                                                                                     | HBH 020634        | 87               | 87            | 77         | 76       | 46          | 69        | 40           | 63          | 34        | 17          | -2.07    | -2.8           | 16          | 3.2     | -1.7     | -5          | 6.9                | 88  | 41          | -26 | 0.39       | 23.0      | -9.7        | -6.1      | 12.9      | 19     | 20.4   | 0.46    | -0.42 | -0.17    | 0.08    |             | 6       | 23         |
| HBH 110031<br>74497181 |    | W 040026          | 133              | 94            | 83         | 117      | 73          | 79        | 106          | 81          | 97        | 88          | 127      | 130            | 85          | 94      | 83       | 85          | 87                 | 121 | 93          | 133 | 69         | 120       | 97          | 68        | 76        | 112    | 108    | 108     | 135   | 84       | 111     | 108         | 113     |            |
|                        |                                                                                     | HBH 070027        | 95               | 96            | 91         | 91       | 76          | 85        | 84           | 85          | 86        | 8           | -1.32    | -3.6           | -1          | 4.0     | -3.3     | 0           | 3.2                | 130 | 8           | -46 | -1.15      | 21.9      | -4.5        | 3.0       | 3.4       | 21     | 27.9   | 0.86    | 2.04  | -2.01    | 0.19    | 6           | 18      | 50         |
| HBH 120014<br>76151026 | H                                                                                   | 050089            | 88               | 108           | 82         | 101      | 112         | 103       | 100          | 102         | 102       | 97          | 89       | 89             | 99          | 108     | 82       | 90          | 113                | 101 | 103         | 88  | 68         | 89        | 125         | 105       | 105       | 85     | 92     | 110     | 110   | 116      | 111     | 86          | 70      |            |
|                        |                                                                                     | HBH 090157        | 95               | 94            | 91         | 91       | 62          | 80        | 43           | 73          | 53        | 17          | 1.86     | 1.1            | 15          | 9.7     | -3.7     | 11          | 17.0               | 89  | 34          | -7  | -1.18      | 7.6       | -18.3       | -3.5      | 21.9      | 6      | 17.3   | 0.99    | 0.23  | 1.86     | 0.19    |             | 36      | 140        |
| HBH 120043<br>76151315 | H                                                                                   | 050089            | 110              | 96            | 97         | 101      | 146         | 129       | 93           | 124         | 103       | 96          | 111      | 102            | 98          | 96      | 97       | 94          | 100                | 92  | 105         | 89  | 127        | 98        | 148         | 138       | 104       | 84     | 96     | 108     | 92    | 112      | 107     | 28          | 10      |            |
|                        |                                                                                     | HBH 060997        | 87               | 83            | 78         | 75       | 52          | 69        | 44           | 64          | 58        | 16          | 0.04     | -0.4           | 13          | 4.6     | 1.0      | 23          | 10.1               | 71  | 38          | -8  | 1.18       | 11.7      | -29.7       | -9.3      | 21.1      | 5      | 20.1   | 0.86    | -1.12 | 1.37     | 0.14    |             | 6       | 27         |
| HBH 120094<br>76694801 |  | H 050089          | 71               | 131           | 110        | 82       | 96          | 117       | 109          | 116         | 121       | 120         | 55       | 67             | 119         | 131     | 110      | 124         | 134                | 128 | 109         | 135 | 82         | 139       | 88          | 98        | 85        | 118    | 132    | 116     | 95    | 109      | 116     | 44          | 42      |            |
|                        |                                                                                     | HBH 090178        | 93               | 93            | 88         | 88       | 77          | 83        | 84           | 83          | 84        | 39          | 4.79     | 3.6            | 36          | 19.4    | 5.1      | 93          | 28.1               | 144 | 49          | -48 | -0.61      | 31.1      | 0.3         | -2.3      | 9.1       | 24     | 43.2   | 1.46    | -0.86 | 0.97     | 0.26    | 7           | 7       | 22         |
| HBH 160001<br>84830082 | AM                                                                                  | 090036            | 85               | 131           | 85         | 87       | 145         | 143       | 97           | 137         | 117       | 116         | 81       | 107            | 115         | 131     | 85       | 103         | 125                | 97  | 107         | 98  | 54         | 115       | 126         | 145       | 96        | 101    | 113    | 93      | 89    | 108      | 92      | 47          | 44      |            |
|                        |                                                                                     | HBH 120006        | 90               | 91            | 80         | 83       | 50          | 73        | 38           | 66          | 62        | 35          | 2.60     | -1.0           | 32          | 19.2    | -2.9     | 44          | 23.4               | 81  | 42          | -15 | -1.73      | 19.7      | -18.7       | -10.4     | 16.0      | 15     | 31.0   | -0.28   | -1.35 | 0.83     | -0.07   |             | 18      | 31         |
| HBH 160026<br>84821495 | HBH                                                                                 | 110031            | 100              | 100           | 98         | 102      | 78          | 84        | 120          | 88          | 117       | 99          | 108      | 80             | 96          | 100     | 98       | 100         | 103                | 133 | 106         | 125 | 71         | 143       | 105         | 73        | 100       | 114    | 115    | 123     | 102   | 77       | 123     | 153         | 146     |            |
|                        |                                                                                     | HBH 130033        | 94               | 96            | 85         | 87       | 48          | 75        | 38           | 68          | 63        | 18          | 0.29     | 2.2            | 12          | 6.3     | 1.4      | 36          | 11.9               | 153 | 40          | -39 | -1.06      | 32.8      | -8.4        | 2.1       | 18.5      | 22     | 31.9   | 1.93    | -0.41 | -2.93    | 0.35    |             | 26      | 46         |
| HBH 210009<br>92729771 |  | H 050089          | 87               | 122           | 118        | 83       | 116         | 131       | 114          | 130         | 133       | 117         | 89       | 98             | 118         | 122     | 118      | 125         | 122                | 116 | 108         | 100 | 72         | 97        | 103         | 118       | 115       | 116    | 128    | 130     | 116   | 117      | 132     | 24          | 21      |            |
|                        |                                                                                     | HBH 180001        | 89               | 90            | 83         | 83       | 74          | 80        | 81           | 80          | 84        | 37          | 1.92     | 0.1            | 35          | 15.7    | 7.5      | 95          | 21.6               | 120 | 45          | -17 | -1.02      | 11.2      | -7.3        | -5.8      | 28.2      | 23     | 40.6   | 2.48    | 0.63  | 1.92     | 0.48    |             |         |            |
| R 090088<br>70023924   | CR                                                                                  | 040044            | 95               | 69            | 102        | 140      | 98          | 82        | 74           | 77          | 72        | 66          | 96       | 73             | 65          | 69      | 102      | 92          | 63                 | 73  | 83          | 75  | 100        | 93        | 85          | 103       | 88        | 75     | 67     | 86      | 109   | 96       | 87      | 165         | 111     |            |
|                        |                                                                                     | AJR 950033        | 95               | 96            | 91         | 91       | 60          | 80        | 21           | 68          | 22        | -13         | 1.31     | 2.9            | -22         | -6.3    | 2.5      | 17          | -9.6               | 33  | -16         | 4   | 0.11       | 9.7       | 1.6         | -3.1      | 10.8      | 0      | 1.3    | -0.76   | 0.13  | -0.59    | -0.15   |             | 40      | 123        |

# Sires

| Bull                   |                                                                                   |                          | Selection Values |               |            |           |             |           |              |             |           | Birth           |                    |                   | Wean            |                   |                   |                  | Grwth & Adaptation |                  |                 |                  |                   | Fertility         |                   |                   |                   | Raam            |                   | Carcass           |                    |                   |                   | Progeny     |              |
|------------------------|-----------------------------------------------------------------------------------|--------------------------|------------------|---------------|------------|-----------|-------------|-----------|--------------|-------------|-----------|-----------------|--------------------|-------------------|-----------------|-------------------|-------------------|------------------|--------------------|------------------|-----------------|------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-----------------|-------------------|-------------------|--------------------|-------------------|-------------------|-------------|--------------|
| Index<br>EBV<br>Acc    | Genomic                                                                           | Sire ID<br>Dam ID        | Calv. Ease V     | Calf Growth V | Milk Value | Maint. V  | Fertility V | Cow Value | Growth Value | Prod. Value | Carcass V | Cow wt brth     | Birth wt           | Cow-Calf birth    | Cow wt wean     | Wean wt           | Wean mat          | Cow-Calf wn      | Post wn wt         | ADG              | Veld growth     | FCR              | Skin Thckn        | Scrotum           | Heifer Fert       | Cow Fert.         | Longevity         | Height          | Length            | EMA               | Fat                | Marbling          | Dress %           | Nr measured |              |
| ID<br>Comp.nr          |                                                                                   |                          |                  |               |            |           |             |           |              |             |           |                 |                    |                   |                 |                   |                   |                  |                    |                  |                 |                  |                   |                   |                   |                   |                   |                 |                   |                   |                    |                   |                   | Birth       | Wean         |
| R 100021<br>70471644   |                                                                                   | R 060050<br>R 050015     | 116<br>88        | 77<br>88      | 90<br>82   | 111<br>80 | 89<br>51    | 74<br>72  | 89<br>20     | 72<br>62    | 63<br>20  | 87<br>7<br>54   | 125<br>-1.13<br>90 | 78<br>2.3<br>83   | 88<br>3<br>80   | 77<br>-3.2<br>88  | 90<br>-1.3<br>82  | 75<br>-22<br>83  | 87<br>3.3<br>74    | 79<br>45<br>33   | 129<br>97<br>26 | 92<br>-10<br>5   | 93<br>-0.15<br>41 | 81<br>4.1<br>40   | 93<br>-2.2<br>62  | 88<br>-0.6<br>40  | 105<br>21.5<br>82 | 83<br>5<br>38   | 71<br>4.1<br>34   | 74<br>-1.68<br>19 | 90<br>-1.26<br>21  | 95<br>-0.68<br>19 | 72<br>-0.34<br>20 | 27<br>11    | 24<br>43     |
| R 100131<br>71981054   |                                                                                   | R 060052<br>R 000011     | 99<br>89         | 101<br>90     | 83<br>80   | 107<br>78 | 101<br>46   | 93<br>71  |              |             | 100<br>18 | 94<br>13<br>41  | 100<br>0.93<br>92  | 92<br>0.8<br>82   | 93<br>8<br>78   | 101<br>6.7<br>90  | 83<br>-3.5<br>80  | 86<br>4<br>83    | 88<br>3.7<br>66    | 92<br>71<br>28   | 73<br>-41<br>19 | 83<br>-2<br>6    | 109<br>0.49<br>34 | 94<br>9.9<br>33   | 99<br>-5.1<br>58  | 100<br>-2.7<br>34 | 90<br>12.3<br>84  | 98<br>13<br>31  | 91<br>16.8<br>28  | 110<br>0.98<br>17 | 97<br>-0.75<br>19  | 93<br>-0.97<br>17 | 109<br>0.17<br>18 | 43<br>10    | 36<br>37     |
| R 130166<br>78765161   |                                                                                   | R 080037<br>RR 020083    | 99<br>96         | 98<br>98      | 95<br>93   | 101<br>93 | 118<br>62   | 108<br>82 | 70<br>30     | 99<br>72    | 83<br>36  | 95<br>15<br>66  | 100<br>0.95<br>98  | 96<br>0.3<br>94   | 98<br>14<br>93  | 98<br>5.6<br>98   | 95<br>0.2<br>93   | 94<br>22<br>95   | 89<br>4.4<br>96    | 82<br>50<br>51   | 92<br>6<br>23   |                  | 90<br>-0.30<br>59 | 80<br>3.4<br>57   | 108<br>-9.7<br>80 | 119<br>-6.0<br>45 | 114<br>27.4<br>93 | 83<br>4<br>55   | 83<br>11.8<br>51  | 88<br>-0.59<br>33 | 86<br>-1.55<br>39  | 99<br>-0.29<br>34 | 87<br>-0.14<br>36 | 254<br>49   | 238<br>143   |
| ST 160007<br>83368142  |                                                                                   | T 110098<br>T 090043     | 95<br>88         | 103<br>91     | 112<br>70  | 98<br>73  | 79<br>42    | 92<br>68  |              |             | 111<br>16 | 105<br>24<br>44 | 101<br>0.93<br>94  | 84<br>1.6<br>77   | 100<br>16<br>73 | 103<br>7.9<br>91  | 112<br>5.8<br>70  | 115<br>71<br>78  | 108<br>14.2<br>84  | 113<br>114<br>25 | 103<br>33<br>19 | 102<br>-19<br>8  | 102<br>0.20<br>30 | 103<br>14.4<br>29 | 83<br>2.6<br>55   | 80<br>0.9<br>28   | 108<br>23.8<br>75 | 112<br>21<br>28 | 106<br>26.5<br>25 | 109<br>0.88<br>16 | 95<br>-0.85<br>17  | 101<br>0.06<br>15 | 108<br>0.15<br>16 | 61<br>6     | 47<br>7      |
| ST 180075<br>88192018  |                                                                                   | T 110098<br>R 070030     | 94<br>89         | 128<br>93     | 99<br>70   | 91<br>66  | 92<br>42    | 114<br>67 | 133<br>26    | 118<br>59   | 132<br>39 | 114<br>34<br>39 | 93<br>1.59<br>95   | 102<br>-0.4<br>76 | 109<br>25<br>66 | 128<br>18.2<br>93 | 99<br>1.5<br>70   | 117<br>76<br>76  | 126<br>23.7<br>88  | 134<br>155<br>39 | 105<br>38<br>20 | 112<br>-28<br>9  | 88<br>-0.36<br>52 | 98<br>11.7<br>49  | 92<br>-2.1<br>54  | 92<br>-1.3<br>30  | 107<br>23.2<br>73 | 144<br>39<br>47 | 136<br>45.8<br>40 | 144<br>3.49<br>36 | 82<br>-1.86<br>42  | 112<br>1.27<br>36 | 142<br>0.61<br>39 | 81<br>2     | 69<br>2<br>2 |
| ST 200008<br>89856728  |                                                                                   | T 110098<br>T 140129     | 95<br>86         | 108<br>89     | 111<br>65  | 93<br>60  | 101<br>36   | 109<br>63 |              |             | 116<br>18 | 106<br>25<br>35 | 99<br>1.03<br>92   | 91<br>0.8<br>71   | 105<br>21<br>60 | 108<br>9.6<br>89  | 111<br>5.3<br>65  | 114<br>69<br>71  | 109<br>14.9<br>69  | 118<br>122<br>23 | 104<br>35<br>20 | 106<br>-22<br>7  | 95<br>-0.11<br>29 | 104<br>14.8<br>28 | 90<br>-1.0<br>45  | 104<br>-3.3<br>28 | 114<br>27.5<br>66 | 121<br>26<br>27 | 115<br>31.9<br>24 | 114<br>1.26<br>17 | 88<br>-1.41<br>20  | 98<br>-0.37<br>17 | 113<br>0.21<br>18 | 49<br>27    | 39<br>24     |
| ST 200033<br>90701954  |                                                                                   | ASE 090026<br>ST 170023  | 84<br>86         | 124<br>88     | 109<br>63  | 89<br>59  | 82<br>38    | 105<br>63 | 104<br>22    | 104<br>55   | 109<br>31 | 114<br>33<br>48 | 82<br>2.45<br>93   | 100<br>-0.2<br>70 | 110<br>27<br>59 | 124<br>16.2<br>88 | 109<br>4.9<br>83  | 123<br>89<br>70  | 129<br>25.5<br>76  | 115<br>116<br>34 | 92<br>5<br>24   | 110<br>-26<br>8  | 86<br>-0.46<br>39 | 132<br>27.5<br>49 | 96<br>-3.7<br>47  | 78<br>1.3<br>28   | 99<br>18.1<br>68  | 115<br>23<br>38 | 116<br>32.9<br>35 | 117<br>1.50<br>30 | 75<br>-2.33<br>32  | 111<br>1.20<br>30 | 114<br>0.23<br>31 | 60<br>30    | 36<br>31     |
| T 100032<br>71258008   |  | T 040022<br>WE 990156    | 92<br>93         | 112<br>92     | 81<br>89   | 110<br>88 | 97<br>72    | 99<br>82  | 76<br>78     | 93<br>81    | 100<br>75 | 91<br>11<br>81  | 88<br>1.99<br>95   | 98<br>0.0<br>90   | 89<br>4<br>88   | 112<br>11.3<br>92 | 81<br>-3.9<br>89  | 96<br>27<br>90   | 105<br>12.6<br>88  | 109<br>106<br>79 | 85<br>-10<br>76 | 107<br>-23<br>74 | 88<br>-0.36<br>85 | 124<br>24.1<br>83 | 86<br>1.1<br>80   | 101<br>-2.8<br>64 | 91<br>12.7<br>90  | 113<br>22<br>82 | 110<br>29.2<br>80 | 102<br>0.40<br>75 | 106<br>-0.12<br>75 | 89<br>-1.41<br>75 | 102<br>0.07<br>75 | 54<br>17    | 26<br>57     |
| T 110098<br>73727935   |                                                                                   | AM 060041<br>T 050089    | 82<br>96         | 132<br>96     | 117<br>93  | 84<br>93  | 86<br>63    | 117<br>82 | 129<br>27    | 120<br>71   | 142<br>28 | 122<br>41<br>57 | 85<br>2.24<br>97   | 92<br>0.7<br>94   | 116<br>33<br>93 | 132<br>19.7<br>96 | 117<br>7.4<br>93  | 133<br>114<br>94 | 139<br>30.5<br>94  | 144<br>174<br>37 | 98<br>20<br>30  | 113<br>-29<br>13 | 93<br>-0.18<br>47 | 115<br>19.6<br>45 | 87<br>0.8<br>78   | 87<br>-0.3<br>48  | 108<br>23.4<br>92 | 147<br>41<br>43 | 143<br>50.1<br>38 | 129<br>2.40<br>26 | 87<br>-1.47<br>29  | 105<br>0.47<br>25 | 128<br>0.43<br>28 | 130<br>45   | 92<br>160    |
| TT 170020<br>85583318  |                                                                                   | AM 090038<br>TT 150005   | 96<br>83         | 121<br>86     | 101<br>68  | 94<br>68  | 86<br>42    | 106<br>65 | 115<br>65    | 107<br>65   | 114<br>70 | 107<br>27<br>44 | 91<br>1.75<br>88   | 113<br>-1.6<br>73 | 105<br>21<br>68 | 121<br>15.0<br>86 | 101<br>2.2<br>68  | 115<br>72<br>74  | 122<br>21.6<br>82  | 108<br>103<br>67 | 121<br>79<br>58 | 124<br>-38<br>57 | 132<br>1.38<br>81 | 111<br>17.9<br>77 | 74<br>7.0<br>51   | 91<br>-1.1<br>32  | 99<br>17.7<br>72  | 121<br>26<br>75 | 113<br>31.0<br>68 | 85<br>-0.83<br>67 | 82<br>-1.82<br>74  | 106<br>0.60<br>67 | 84<br>-0.18<br>70 | 23<br>3     | 23<br>6      |
| TT 170045<br>86039948  |                                                                                   | TT 120B03<br>SW 060074   | 93<br>91         | 82<br>95      | 139<br>74  | 126<br>77 | 71<br>42    | 88<br>70  | 104<br>60    | 88<br>68    | 93<br>60  | 77<br>-3<br>44  | 95<br>1.38<br>96   | 77<br>2.5<br>81   | 77<br>-9<br>77  | 82<br>-1.0<br>95  | 139<br>14.3<br>74 | 139<br>129<br>82 | 73<br>-4.3<br>90   | 122<br>131<br>57 | 91<br>4<br>33   | 112<br>-28<br>57 | 132<br>1.38<br>75 | 111<br>17.8<br>71 | 71<br>8.8<br>58   | 74<br>1.8<br>25   | 82<br>7.6<br>80   | 99<br>14<br>68  | 95<br>19.2<br>59  | 102<br>0.42<br>56 | 107<br>0.00<br>65  | 103<br>0.24<br>57 | 103<br>0.07<br>60 | 107<br>9    | 95<br>10     |
| TT 200035<br>90911710  |                                                                                   | TT 150053<br>E 160090    | 105<br>79        | 107<br>81     | 113<br>58  | 95<br>54  | 109<br>28   | 118<br>56 | 102<br>38    | 116<br>52   | 110<br>61 | 103<br>22<br>37 | 103<br>0.76<br>85  | 108<br>-1.0<br>64 | 102<br>19<br>54 | 107<br>9.4<br>81  | 113<br>6.1<br>58  | 118<br>78<br>64  | 105<br>13.0<br>74  | 102<br>92<br>57  | 104<br>36<br>21 | 103<br>-20<br>12 | 105<br>0.31<br>74 | 112<br>18.3<br>70 | 105<br>-8.2<br>35 | 109<br>-4.2<br>20 | 100<br>18.6<br>61 | 87<br>7<br>67   | 98<br>21.2<br>59  | 103<br>0.48<br>57 | 149<br>3.03<br>65  | 96<br>-0.63<br>58 | 108<br>0.15<br>61 | 14<br>9     | 13<br>8      |
| TTS 170006<br>85792398 |                                                                                   | AM 120022<br>JDV 140009  | 91<br>78         | 113<br>74     | 95<br>58   | 111<br>58 | 78<br>31    | 93<br>55  | 86<br>22     | 90<br>48    | 102<br>24 | 88<br>8<br>31   | 93<br>1.54<br>83   | 84<br>1.7<br>66   | 88<br>3<br>58   | 113<br>11.7<br>74 | 95<br>0.4<br>58   | 112<br>63<br>63  | 93<br>6.6<br>62    | 94<br>76<br>30   | 88<br>-5<br>15  | 87<br>-6<br>11   | 83<br>-0.59<br>37 | 97<br>11.6<br>35  | 84<br>2.2<br>40   | 79<br>1.1<br>22   | 101<br>19.2<br>66 | 98<br>13<br>34  | 105<br>25.8<br>31 | 107<br>0.75<br>23 | 83<br>-1.75<br>26  | 85<br>-1.96<br>24 | 105<br>0.10<br>24 | 9<br>1      | 8<br>75      |
| TTS 190014<br>89271241 |                                                                                   | HBH 160001<br>TTS 150011 | 119<br>87        | 125<br>93     | 80<br>64   | 90<br>57  | 133<br>32   | 136<br>62 | 109<br>26    | 133<br>55   | 116<br>40 | 114<br>33<br>39 | 115<br>-0.24<br>95 | 122<br>-2.6<br>70 | 112<br>29<br>57 | 125<br>16.7<br>93 | 80<br>-4.4<br>64  | 95<br>25<br>71   | 121<br>21.4<br>88  | 116<br>119<br>42 | 113<br>57<br>30 | 110<br>-26<br>7  | 67<br>-1.22<br>53 | 115<br>19.7<br>51 | 106<br>-8.8<br>41 | 136<br>-8.9<br>24 | 112<br>26.2<br>68 | 117<br>24<br>49 | 120<br>35.2<br>43 | 102<br>0.38<br>37 | 118<br>0.78<br>43  | 99<br>-0.25<br>37 | 104<br>0.09<br>40 | 88<br>1     | 75<br>75     |

## Sires

| Bull                   |                                                                                   |            | Selection Values |                |            |          |             |           |              |             |           | Birth       |          |                | Wean        |         |          |             | Grwth & Adaptation |     |             |     |             | Fertility |             |           |           | Raam   |        | Carcass |       |          |         | Progeny     |      |       |
|------------------------|-----------------------------------------------------------------------------------|------------|------------------|----------------|------------|----------|-------------|-----------|--------------|-------------|-----------|-------------|----------|----------------|-------------|---------|----------|-------------|--------------------|-----|-------------|-----|-------------|-----------|-------------|-----------|-----------|--------|--------|---------|-------|----------|---------|-------------|------|-------|
| Index<br>EBV<br>Acc    | Genomic                                                                           | Sire ID    | Calv. Ease V     | Calif Growth V | Milk Value | Maint. V | Fertility V | Cow Value | Growth Value | Prod. Value | Carcass V | Cow wt brth | Birth wt | Cow-Calf birth | Cow wt wean | Wean wt | Wean mat | Cow-Calf wn | Post wn wt         | ADG | Veld growth | FOR | Skin Thickn | Scrotum   | Heifer Fert | Cow Fert. | Longevity | Height | Length | EMA     | Fat   | Marbling | Dress % | Nr measured |      |       |
| ID                     |                                                                                   | Dam ID     |                  |                |            |          |             |           |              |             |           |             |          |                |             |         |          |             |                    |     |             |     |             |           |             |           |           |        |        |         |       |          |         | Birth       | Wean | Grwth |
| TTS 210004<br>91744680 |                                                                                   | HBH 160001 | 83               | 136            | 95         | 86       | 115         | 130       | 111          | 129         | 134       | 122         | 75       | 103            | 116         | 136     | 95       | 115         | 123                | 114 | 72          | 95  | 77          | 120       | 112         | 114       | 107       | 118    | 128    | 120     | 96    | 104      | 120     | 6           | 5    |       |
|                        |                                                                                   | T 130041   | 74               | 76             | 57         | 56       | 32          | 55        | 22           | 48          | 33        | 41          | 3.09     | -0.5           | 33          | 21.2    | 0.4      | 72          | 22.3               | 116 | -42         | -13 | -0.80       | 21.9      | -11.7       | -5.0      | 22.7      | 25     | 40.6   | 1.73    | -0.81 | 0.37     | 0.31    |             |      |       |
|                        |                                                                                   |            |                  |                |            |          |             |           |              |             |           |             | 38       | 79             | 63          | 56      | 76       | 57          | 63                 | 72  | 35          | 21  | 6           | 44        | 42          | 42        | 23        | 57     | 41     | 36      | 31    | 35       | 31      | 33          |      |       |
| XY 120065<br>76704790  |  | V 070123   | 123              | 98             | 58         | 110      | 78          | 70        | 106          | 72          | 109       | 93          | 118      | 119            | 91          | 98      | 58       | 59          | 100                | 103 | 99          | 72  | 112         | 96        | 88          | 76        | 91        | 88     | 91     | 90      | 132   | 123      | 94      | 175         | 161  |       |
|                        |                                                                                   | XY 090008  | 97               | 98             | 95         | 95       | 83          | 89        | 88           | 89          | 90        | 13          | -0.55    | -2.3           | 6           | 5.5     | -11.3    | -60         | 10.0               | 94  | 23          | 7   | 0.60        | 11.0      | 0.2         | 1.5       | 13.2      | 8      | 16.4   | -0.47   | 1.80  | 2.65     | -0.05   | 10          | 56   | 133   |
|                        |                                                                                   |            |                  |                |            |          |             |           |              |             |           |             | 90       | 98             | 96          | 95      | 98       | 95          | 96                 | 97  | 90          | 87  | 86          | 92        | 92          | 92        | 74        | 95     | 92     | 90      | 89    | 90       | 90      | 90          |      |       |

## Growth Tests

| Animal       |     |                                      |                                                                                                           |       | Weight |           | Conformation |           |            |             | Growth & Efficiency |            |            |        | Carcass         |             |             |             |         |
|--------------|-----|--------------------------------------|-----------------------------------------------------------------------------------------------------------|-------|--------|-----------|--------------|-----------|------------|-------------|---------------------|------------|------------|--------|-----------------|-------------|-------------|-------------|---------|
| Test Code    | Sex | Test number                          | Sire ID                                                                                                   | Cow   | Wean   | End-      | Length       | Height    | Length/    | Scrotum     | Intake              | ADG        | FCR        | Growth | EMA             | Fat         | Marbling    | Dress %     | Carcass |
| Test Station |     | ID                                   | Dam ID                                                                                                    | Value | dir    | wt        |              |           | Height     |             |                     |            |            | Value  | Eye muscle Area |             |             |             | Value   |
| 202201 D11 M |     |                                      |                                                                                                           |       |        |           |              |           |            |             |                     |            |            |        |                 |             |             |             |         |
| MULLINS      |     | 0485330TUL<br>ADM 210028<br>92824093 |  GH 140001<br>ADM 160028 | 110   | 121    | 145<br>60 | 145<br>51    | 150<br>43 | 80<br>1.10 | 145<br>33.6 | 75<br>0.66          | 157<br>200 | 140<br>-52 | 154    | 126<br>2.15     | 58<br>-3.57 | 107<br>0.69 | 122<br>0.34 | 136     |
|              |     |                                      |                                                                                                           | 81    | 92     | 86        | 85           | 86        | 86         | 87          | 81                  | 85         | 81         | 84     | 84              | 86          | 85          | 85          | 85      |

# Breeding Values and Accuracies: Bulls

Inbreeding in red is high

Value <80    Value >120

Breeding values with an accuracy < 5% are not printed

| Animal     |           |              |                                                                                       |        |                                                                                         | Selection Value |        |              |               |            |          |             |           |             |              | Birth       |           |               | Wean     |                |              |         | Growth & Adaptation |             |            |     |             | Fertility |             |         |             | Frame     |           | Carcass |        |       |       |          |         |
|------------|-----------|--------------|---------------------------------------------------------------------------------------|--------|-----------------------------------------------------------------------------------------|-----------------|--------|--------------|---------------|------------|----------|-------------|-----------|-------------|--------------|-------------|-----------|---------------|----------|----------------|--------------|---------|---------------------|-------------|------------|-----|-------------|-----------|-------------|---------|-------------|-----------|-----------|---------|--------|-------|-------|----------|---------|
| ID         | Animal no | % Inbreeding | Genomic Parentage                                                                     | Index  |                                                                                         | Sire ID         | Dam ID | Calv. Ease V | Calf Growth V | Milk Value | Maint. V | Fertility V | Cow Value | Wean Calf V | Growth Value | Prod. Value | Carcass V | Cow wt -birth | Birth wt | Cow-Calf birth | Cow wt -wean | Wean wt | Wean mat            | Cow-Calf wn | Post wn wt | ADG | Veld growth | FCR       | Skin Thickn | Scrotum | Heifer Fert | Cow Fert. | Longevity | Height  | Length | EMA   | Fat   | Marbling | Dress % |
|            |           |              |                                                                                       | EBV    | Acc                                                                                     |                 |        |              |               |            |          |             |           |             |              |             |           |               |          |                |              |         |                     |             |            |     |             |           |             |         |             |           |           |         |        |       |       |          |         |
| GH 150004  | 82505389  | <div>6</div> | XY                                                                                    | 120065 | XY                                                                                      | 120042          |        | 120          | 90            | 59         | 142      | 71          | 67        | 83          | 103          | 69          | 97        | 69            | 116      | 119            | 66           | 90      | 59                  | 61          | 82         | 101 | 105         | 83        | 112         | 84      | 106         | 63        | 96        | 83      | 78     | 95    | 140   | 129      | 99      |
|            |           |              |                                                                                       |        |                                                                                         |                 |        | 95           | 97            | 86         | 90       | 54          | 78        | 94          | 44           | 71          | 76        | -11           | -0.33    | -2.4           | -21          | 2.4     | -10.9               | -55         | 0.6        | 90  | 37          | -3        | 0.6         | 5.2     | -8.7        | 3.9       | 15.8      | 4       | 9      | -0.13 | 2.38  | 3.36     | 0.02    |
|            |           |              |                                                                                       |        |                                                                                         |                 |        |              |               |            |          |             |           |             |              |             |           | 60            | 98       | 91             | 90           | 97      | 86                  | 91          | 96         | 74  | 30          | 9         | 85          | 83      | 77          | 32        | 87        | 81      | 75     | 73    | 80    | 74       | 76      |
| HBH 160026 | 84821495  | 5            | HBH                                                                                   | 110031 | HBH                                                                                     | 130033          |        | 100          | 100           | 98         | 102      | 78          | 84        | 97          | 120          | 88          | 117       | 99            | 108      | 80             | 96           | 100     | 98                  | 100         | 103        | 133 | 106         | 125       | 71          | 143     | 105         | 73        | 100       | 114     | 115    | 123   | 102   | 77       | 123     |
|            |           |              |                                                                                       |        |                                                                                         |                 |        | 94           | 96            | 85         | 87       | 48          | 75        | 92          | 38           | 68          | 63        | 18            | 0.29     | 2.2            | 12           | 6.3     | 1.4                 | 36          | 11.9       | 153 | 40          | -39       | -1.1        | 32.8    | -8.4        | 2.1       | 18.5      | 22      | 32     | 1.93  | -0.41 | -2.93    | 0.35    |
|            |           |              |                                                                                       |        |                                                                                         |                 |        |              |               |            |          |             |           |             |              |             |           | 55            | 97       | 88             | 87           | 96      | 85                  | 89          | 93         | 60  | 36          | 8         | 76          | 73      | 66          | 30        | 84        | 70      | 62     | 59    | 67    | 60       | 63      |
| ST 160007  | 83368142  | <div>7</div> | T                                                                                     | 110098 | T                                                                                       | 090043          |        | 95           | 103           | 112        | 98       | 79          | 92        | 107         |              |             | 111       | 105           | 101      | 84             | 100          | 103     | 112                 | 115         | 108        | 113 | 103         | 102       | 102         | 103     | 83          | 80        | 108       | 112     | 106    | 109   | 95    | 101      | 108     |
|            |           |              |                                                                                       |        |                                                                                         |                 |        | 88           | 91            | 70         | 73       | 42          | 68        | 84          |              |             | 16        | 24            | 0.93     | 1.6            | 16           | 7.9     | 5.8                 | 71          | 14.2       | 114 | 33          | -19       | 0.2         | 14.4    | 2.6         | 0.9       | 23.8      | 21      | 26     | 0.88  | -0.85 | 0.06     | 0.15    |
|            |           |              |                                                                                       |        |                                                                                         |                 |        |              |               |            |          |             |           |             |              |             |           | 44            | 94       | 77             | 73           | 91      | 70                  | 78          | 84         | 25  | 19          | 8         | 30          | 29      | 55          | 28        | 75        | 28      | 25     | 16    | 17    | 17       | 16      |
| ST 180075  | 88192018  | <div>7</div> | T                                                                                     | 110098 | R                                                                                       | 070030          |        | 94           | 128           | 99         | 91       | 92          | 114       | 129         | 133          | 118         | 132       | 114           | 93       | 102            | 109          | 128     | 99                  | 117         | 126        | 134 | 105         | 112       | 88          | 98      | 92          | 92        | 107       | 144     | 136    | 144   | 82    | 112      | 142     |
|            |           |              |                                                                                       |        |                                                                                         |                 |        | 89           | 93            | 70         | 66       | 42          | 67        | 85          | 26           | 59          | 39        | 34            | 1.59     | -0.4           | 25           | 18.2    | 1.5                 | 76          | 23.7       | 155 | 38          | -28       | -0.4        | 11.7    | -2.1        | -1.3      | 23.2      | 39      | 46     | 3.49  | -1.86 | 1.27     | 0.61    |
|            |           |              |                                                                                       |        |                                                                                         |                 |        |              |               |            |          |             |           |             |              |             |           | 39            | 95       | 76             | 66           | 93      | 70                  | 76          | 88         | 39  | 20          | 9         | 52          | 49      | 54          | 30        | 73        | 47      | 40     | 36    | 42    | 36       | 39      |
| ST 200008  | 89856728  | 5            | T                                                                                     | 110098 | T                                                                                       | 140129          |        | 95           | 108           | 111        | 93       | 101         | 109       | 111         |              |             | 116       | 106           | 99       | 91             | 105          | 108     | 111                 | 114         | 109        | 118 | 104         | 106       | 95          | 104     | 90          | 104       | 114       | 121     | 115    | 114   | 88    | 98       | 113     |
|            |           |              |                                                                                       |        |                                                                                         |                 |        | 86           | 89            | 65         | 60       | 36          | 63        | 80          |              |             | 18        | 25            | 1.03     | 0.8            | 21           | 9.6     | 5.3                 | 69          | 14.9       | 122 | 35          | -22       | -0.1        | 14.8    | -1.0        | -3.3      | 27.5      | 26      | 32     | 1.26  | -1.41 | -0.37    | 0.21    |
|            |           |              |                                                                                       |        |                                                                                         |                 |        |              |               |            |          |             |           |             |              |             |           | 35            | 92       | 71             | 60           | 89      | 65                  | 71          | 69         | 23  | 20          | 7         | 29          | 28      | 45          | 28        | 66        | 27      | 24     | 17    | 20    | 17       | 18      |
| ADM 210028 | 92824093  | 5            |  GH  | 140001 |  ADM   | 160028          |        | 91           | 121           | 80         | 85       | 112         | 110       | 105         | 154          | 119         | 136       | 118           | 93       | 99             | 118          | 121     | 80                  | 91          | 132        | 157 | 126         | 140       | 53          | 145     | 103         | 113       | 103       | 150     | 145    | 126   | 58    | 107      | 122     |
|            |           |              |                                                                                       |        |                                                                                         |                 |        | 92           | 92            | 85         | 85       | 74          | 81        | 90          | 84           | 82          | 85        | 37            | 1.57     | 0.0            | 35           | 15.1    | -4.3                | 14          | 26.8       | 200 | 90          | -52       | -1.8        | 33.6    | -7.6        | -5.0      | 20.3      | 43      | 51     | 2.15  | -3.57 | 0.69     | 0.34    |
|            |           |              |                                                                                       |        |                                                                                         |                 |        |              |               |            |          |             |           |             |              |             |           | 84            | 94       | 88             | 85           | 92      | 85                  | 87          | 87         | 85  | 83          | 81        | 88          | 87      | 83          | 65        | 86        | 86      | 85     | 84    | 86    | 85       | 85      |
| GH 210010  | 92466366  | 5            | R                                                                                     | 130166 | GH                                                                                      | 180021          |        | 90           | 113           | 102        | 89       | 123         | 122       | 109         | 93           | 117         | 109       | 111           | 91       | 97             | 111          | 113     | 102                 | 107         | 109        | 102 | 88          | 91        | 89          | 97      | 117         | 122       | 126       | 98      | 102    | 107   | 104   | 100      | 107     |
|            |           |              |                                                                                       |        |                                                                                         |                 |        | 83           | 87            | 60         | 59       | 40          | 62        | 78          | 20           | 54          | 26        | 30            | 1.75     | 0.2            | 28           | 11.6    | 2.6                 | 52          | 14.7       | 91  | -3          | -10       | -0.3        | 11.7    | -14.2       | -6.5      | 34.5      | 13      | 24     | 0.74  | -0.26 | -0.15    | 0.13    |
|            |           |              |                                                                                       |        |                                                                                         |                 |        |              |               |            |          |             |           |             |              |             |           | 38            | 90       | 68             | 59           | 87      | 60                  | 69          | 76         | 32  | 19          | 5         | 38          | 36      | 48          | 32        | 64        | 35      | 32     | 25    | 28    | 25       | 26      |
| HBH 210009 | 92729771  | 4            |  H | 050089 |  HBH | 180001          |        | 87           | 122           | 118        | 83       | 116         | 131       | 128         | 114          | 130         | 133       | 117           | 89       | 98             | 118          | 122     | 118                 | 125         | 122        | 116 | 108         | 100       | 72          | 97      | 103         | 118       | 115       | 116     | 128    | 130   | 116   | 117      | 132     |
|            |           |              |                                                                                       |        |                                                                                         |                 |        | 89           | 90            | 83         | 83       | 74          | 80        | 88          | 81           | 80          | 84        | 37            | 1.92     | 0.1            | 35           | 15.7    | 7.5                 | 95          | 21.6       | 120 | 45          | -17       | -1.0        | 11.2    | -7.3        | -5.8      | 28.2      | 23      | 41     | 2.48  | 0.63  | 1.92     | 0.48    |
|            |           |              |                                                                                       |        |                                                                                         |                 |        |              |               |            |          |             |           |             |              |             |           | 82            | 91       | 85             | 83           | 90      | 83                  | 85          | 86         | 83  | 80          | 78        | 87          | 85      | 81          | 67        | 84        | 85      | 83     | 84    | 83    | 84       | 84      |
| AM 220155  | 95117644  | <div>7</div> | AM                                                                                    | 090025 | W                                                                                       | 140019          |        | 102          | 106           | 102        | 105      | 91          | 101       | 110         | 106          | 101         | 108       | 96            | 101      | 99             | 93           | 106     | 102                 | 111         | 92         | 109 | 77          | 103       | 110         | 107     | 96          | 90        | 104       | 102     | 106    | 97    | 94    | 95       | 97      |
|            |           |              |                                                                                       |        |                                                                                         |                 |        | 71           | 71            | 58         | 55       | 34          | 54        | 67          | 26           | 48          | 32        | 16            | 0.89     | -0.1           | 8            | 8.8     | 2.7                 | 61          | 6.0        | 105 | -31         | -20       | 0.5         | 16.1    | -3.8        | -1.0      | 21.1      | 15      | 26     | 0.07  | -0.97 | -0.72    | 0.00    |
|            |           |              |                                                                                       |        |                                                                                         |                 |        |              |               |            |          |             |           |             |              |             |           | 40            | 75       | 62             | 55           | 71      | 58                  | 61          | 62         | 39  | 30          | 9         | 46          | 44      | 43          | 26        | 58        | 43      | 40     | 32    | 33    | 32       | 32      |
| ST 230034  | 95208765  | 5            | HBH                                                                                   | 160026 | ST                                                                                      | 180079          |        | 96           | 108           | 95         | 95       | 84          | 90        | 102         | 107          | 91          | 107       | 105           | 98       | 96             | 105          | 108     | 95                  | 99          | 107        | 115 | 102         |           | 80          | 120     | 97          | 82        | 106       | 109     | 107    | 113   | 99    | 89       | 113     |
|            |           |              |                                                                                       |        |                                                                                         |                 |        | 69           | 66            | 55         | 57       | 31          | 51        | 63          | 20           | 45          | 32        | 24            | 1.11     | 0.3            | 21           | 9.7     | 0.3                 | 34          | 14.0       | 118 | 31          | -0.7      | 22.2        | -4.6    | 0.5         | 22.1      | 19        | 27      | 1.22   | -0.61 | -1.49 | 0.21     |         |
|            |           |              |                                                                                       |        |                                                                                         |                 |        |              |               |            |          |             |           |             |              |             |           | 30            | 73       | 61             | 57           | 66      | 55                  | 59          | 54         | 32  | 19          |           | 40          | 38      | 41          | 21        | 55        | 37      | 32     | 30    | 34    | 30       | 32      |
| ST 230037  | 95653309  | <div>8</div> | ADM                                                                                   | 180052 | ST                                                                                      | 200086          |        | 80           | 115           | 97         | 97       | 92          | 100       | 108         | 102          | 99          | 107       | 104           | 82       | 86             | 101          | 115     | 97                  | 108         | 111        | 110 | 112         | 104       | 95          | 108     | 103         | 90        | 100       | 107     | 110    | 105   | 87    | 95       | 104     |
|            |           |              |                                                                                       |        |                                                                                         |                 |        | 65           | 65            | 45         | 47       | 23          | 45        | 59          | 20           | 40          | 21        | 24            | 2.46     | 1.4            | 17           | 12.7    | 0.9                 | 56          | 15.8       | 108 | 55          | -21       | -0.1        | 16.3    | -7.4        | -0.8      | 18.7      | 18      | 29     | 0.64  | -1.43 | -0.68    | 0.09    |
|            |           |              |                                                                                       |        |                                                                                         |                 |        |              |               |            |          |             |           |             |              |             |           | 24            | 71       | 53             | 47           | 65      | 45                  | 52          | 64         | 24  | 15          | 13        | 28          | 27      | 30          | 16        | 48        | 27      | 24     | 20    | 22    | 20       | 21      |
| ST 230040  | 95653317  | <div>7</div> | TT                                                                                    | 170020 | ST                                                                                      | 200039          |        | 80           | 125           | 102        | 91       | 93          | 110       | 123         | 113          | 111         | 121       | 111           | 77       | 95             | 108          | 125     | 102                 | 118         | 124        | 115 | 87          | 108       | 111         | 107     | 84          | 96        | 113       | 120     | 116    | 104   | 88    | 107      | 103     |
|            |           |              |                                                                                       |        |                                                                                         |                 |        | 66           | 67            | 49         | 50       | 30          | 49        | 61          | 34           | 46          | 36        | 30            | 2.93     | 0.4            | 25           | 16.9    | 2.5                 | 78          | 22.8       | 116 | -6          | -24       | 0.5         | 16.0    | 2.2         | -2.0      | 26.5      | 26      | 33     | 0.55  | -1.37 | 0.76     | 0.08    |
|            |           |              |                                                                                       |        |                                                                                         |                 |        |              |               |            |          |             |           |             |              |             |           | 28            | 71       | 56             | 50           | 67      | 49                  | 55          | 67         | 36  | 32          | 29        | 43          | 42      | 37          | 22        | 51        | 40      | 37     | 35    | 38    | 35       | 36      |

Breeding Values and Accuracies: Bulls

Inbreeding in red is high

Value <80    Value >120

Breeding values with an accuracy < 5% are not printed

| Animal    |           |              |                   | Selection Value |        |              |               |            |          |             |           |             |              |             |           | Birth         |          |                | Wean         |         |          |             | Growth & Adaptation |      |             |     |             | Fertility |             |           |           | Frame  |        | Carcass |       |          |         |       |
|-----------|-----------|--------------|-------------------|-----------------|--------|--------------|---------------|------------|----------|-------------|-----------|-------------|--------------|-------------|-----------|---------------|----------|----------------|--------------|---------|----------|-------------|---------------------|------|-------------|-----|-------------|-----------|-------------|-----------|-----------|--------|--------|---------|-------|----------|---------|-------|
| ID        | Animal no | % Inbreeding | Genomic Parentage | Index           |        | Calv. Ease V | Calf Growth V | Milk Value | Maint. V | Fertility V | Cow Value | Wean Calf V | Growth Value | Prod. Value | Carcass V | Cow wt -birth | Birth wt | Cow-Calf birth | Cow wt -wean | Wean wt | Wean mat | Cow-Calf wn | Post wn wt          | ADG  | Veld growth | FCR | Skin Thickn | Scrotum   | Heifer Fert | Cow Fert. | Longevity | Height | Length | EMA     | Fat   | Marbling | Dress % |       |
|           |           |              |                   | EBV             | Acc    |              |               |            |          |             |           |             |              |             |           |               |          |                |              |         |          |             |                     |      |             |     |             |           |             |           |           |        |        |         |       |          |         |       |
|           |           |              |                   | Sire ID         | Dam ID |              |               |            |          |             |           |             |              |             |           |               |          |                |              |         |          |             |                     |      |             |     |             |           |             |           |           |        |        |         |       |          |         |       |
| ST 230047 | 95653226  | 5            | TT                | 200035          | ST     | 200092       | 99            | 112        | 112      | 92          | 115       | 124         | 119          | 114         | 123       | 119           | 108      | 99             | 103          | 107     | 112      | 112         | 118                 | 117  | 119         | 113 | 113         | 102       | 114         | 108       | 115       | 113    | 112    | 114     | 108   | 121      | 102     | 110   |
|           |           |              |                   |                 |        |              | 66            | 66         | 46       | 46          | 25        | 46          | 60           | 22          | 41        | 32            | 28       | 1.04           | -0.5         | 23      | 11.5     | 5.6         | 78                  | 19.0 | 125         | 59  | -29         | 0.2       | 19.4        | -9.8      | -5.3      | 26.7   | 21     | 32      | 0.82  | 1.01     | 0.18    | 0.18  |
|           |           |              |                   |                 |        |              |               |            |          |             |           |             |              |             |           |               | 28       | 71             | 54           | 46      | 66       | 46          | 53                  | 66   | 31          | 18  | 8           | 40        | 38          | 32        | 18        | 47     | 37     | 32      | 30    | 34       | 30      | 32    |
| ST 230053 | 95783296  | 6            | TT                | 200035          | ST     | 210017       | 107           | 93         | 103      | 110         | 106       | 103         | 98           | 94          | 100       | 93            | 88       | 105            | 101          | 89      | 93       | 103         | 102                 | 93   | 92          | 117 | 97          | 98        | 102         | 106       | 105       | 109    | 84     | 87      | 95    | 127      | 98      | 98    |
|           |           |              |                   |                 |        |              | 65            | 66         | 46       | 46          | 24        | 46          | 60           | 20          | 41        | 32            | 8        | 0.56           | -0.3         | 4       | 3.5      | 2.7         | 42                  | 6.3  | 72          | 68  | -15         | 0.0       | 13.8        | -8.8      | -3.5      | 23.9   | 5      | 14      | -0.10 | 1.43     | -0.34   | 0.01  |
|           |           |              |                   |                 |        |              |               |            |          |             |           |             |              |             |           |               | 26       | 71             | 53           | 46      | 66       | 46          | 53                  | 66   | 31          | 17  | 7           | 39        | 38          | 31        | 18        | 46     | 36     | 32      | 30    | 34       | 30      | 32    |
| ST 230061 | 95783585  | 6            | GH                | 150004          | TTS    | 160047       | 99            | 101        | 72       | 106         | 95        | 85          | 85           | 104         | 85        | 101           | 96       | 94             | 106          | 94      | 101      | 72          | 76                  | 98   | 104         | 102 | 90          | 97        | 87          | 116       | 88        | 107    | 93     | 91      | 95    | 118      | 120     | 97    |
|           |           |              |                   |                 |        |              | 71            | 62         | 58       | 59          | 34        | 51          | 62           | 26          | 46        | 42            | 15       | 1.48           | -0.9         | 10      | 7.0      | -6.9        | -21                 | 8.9  | 95          | 32  | -9          | 0.0       | 6.9         | -13.7     | -0.6      | 23.0   | 10     | 17      | -0.08 | 0.76     | 2.25    | 0.00  |
|           |           |              |                   |                 |        |              |               |            |          |             |           |             |              |             |           |               | 36       | 75             | 64           | 59      | 62       | 58          | 60                  | 58   | 42          | 28  | 7           | 49        | 47          | 46        | 23        | 56     | 46     | 43      | 40    | 43       | 40      | 42    |
| ST 230063 | 95783601  | 7            | ST                | 180075          | ST     | 140017       | 96            | 116        | 85       | 95          | 101       | 104         | 106          |             |           | 111           | 108      | 99             | 96           | 105     | 116      | 85          | 96                  | 111  | 106         | 80  | 93          | 95        | 92          | 95        | 101       | 111    | 114    | 106     | 125   | 92       | 101     | 124   |
|           |           |              |                   |                 |        |              | 69            | 70         | 53       | 50          | 28        | 50          | 64           |             |           | 22            | 27       | 1.09           | 0.3          | 22      | 12.9     | -2.8        | 26                  | 15.7 | 99          | -22 | -11         | -0.1      | 9.2         | -3.6      | -2.8      | 25.4   | 22     | 26      | 2.07  | -1.12    | 0.06    | 0.36  |
|           |           |              |                   |                 |        |              |               |            |          |             |           |             |              |             |           |               | 28       | 74             | 58           | 50      | 70       | 53          | 58                  | 66   | 23          | 17  | 5           | 29        | 28          | 36        | 21        | 52     | 27     | 23      | 20    | 23       | 20      | 22    |
| ST 230077 | 95896320  | 6            | ST                | 180075          | ST     | 140012       | 100           | 131        | 96       | 85          | 98        | 119         | 131          |             |           | 120           | 119      | 96             | 113          | 117     | 131      | 96          | 113                 | 126  | 124         | 118 | 108         | 100       | 105         | 88        | 100       | 111    | 131    | 128     | 130   | 90       | 100     | 129   |
|           |           |              |                   |                 |        |              | 69            | 70         | 55       | 51          | 29        | 51          | 65           |             |           | 20            | 38       | 1.27           | -1.6         | 34      | 19.2     | 0.8         | 66                  | 23.6 | 136         | 71  | -25         | 0.1       | 15.3        | 0.3       | -2.7      | 25.5   | 32     | 40      | 2.47  | -1.25    | -0.16   | 0.43  |
|           |           |              |                   |                 |        |              |               |            |          |             |           |             |              |             |           |               | 25       | 74             | 59           | 51      | 70       | 55          | 59                  | 66   | 22          | 14  | 5           | 29        | 28          | 36        | 22        | 52     | 26     | 23      | 19    | 22       | 19      | 20    |
| ST 230081 | 95896361  | 6            | TT                | 200035          | ST     | 200081       | 92            | 119        | 109      | 87          | 103       | 117         | 121          | 108         | 115       | 115           | 115      | 94             | 97           | 113     | 119      | 109         | 117                 | 121  | 113         | 116 | 107         | 102       | 110         | 96        | 104       | 112    | 107    | 110     | 111   | 122      | 97      | 114   |
|           |           |              |                   |                 |        |              | 66            | 68         | 46       | 46          | 25        | 47          | 61           | 20          | 42        | 32            | 35       | 1.49           | 0.2          | 30      | 14.4     | 4.7         | 77                  | 21.1 | 112         | 66  | -23         | 0.2       | 17.6        | -3.9      | -3.3      | 25.9   | 18     | 29      | 1.09  | 1.05     | -0.48   | 0.22  |
|           |           |              |                   |                 |        |              |               |            |          |             |           |             |              |             |           |               | 35       | 72             | 54           | 46      | 68       | 46          | 53                  | 64   | 31          | 14  | 7           | 39        | 37          | 32        | 18        | 47     | 36     | 31      | 30    | 34       | 30      | 32    |
| ST 230094 | 95896825  | 6            | GH                | 150004          | ST     | 160050       | 121           | 79         | 71       | 130         | 86        | 71          | 72           | 89          | 70        | 87            | 78       | 121            | 100          | 77      | 79       | 71          | 62                  | 76   | 88          | 82  | 77          | 104       | 88          | 97        | 83        | 106    | 80     | 72      | 92    | 124      | 113     | 94    |
|           |           |              |                   |                 |        |              | 70            | 71         | 59       | 59          | 35        | 54          | 67           | 24          | 48        | 38            | -2       | -0.83          | -0.2         | -9      | -2.2     | -7.0        | -55                 | -2.7 | 63          | -18 | 2           | 0.3       | 7.2         | -4.3      | 0.3       | 22.1   | 3      | 5       | -0.36 | 1.18     | 1.40    | -0.05 |
|           |           |              |                   |                 |        |              |               |            |          |             |           |             |              |             |           |               | 38       | 74             | 63           | 59      | 71       | 59          | 63                  | 70   | 39          | 19  | 6           | 45        | 44          | 47        | 23        | 56     | 43     | 39      | 37    | 40       | 37      | 38    |
| ST 230098 | 95896866  | 7            | TTS               | 190014          | ST     | 180005       | 104           | 123        | 77       | 88          | 124       | 123         | 111          |             |           | 110           | 114      | 101            | 113          | 114     | 123      | 77          | 91                  | 122  | 108         | 118 | 105         | 74        | 105         | 108       | 125       | 117    | 107    | 109     | 105   | 111      | 102     | 106   |
|           |           |              |                   |                 |        |              | 68            | 70         | 51       | 47          | 26        | 49          | 63           |             |           | 24            | 33       | 0.86           | -1.6         | 31      | 16.1     | -5.4        | 14                  | 21.8 | 104         | 70  | -21         | -1.0      | 15.1        | -9.9      | -7.0      | 29.4   | 18     | 28      | 0.63  | 0.30     | 0.17    | 0.12  |
|           |           |              |                   |                 |        |              |               |            |          |             |           |             |              |             |           |               | 26       | 73             | 56           | 47      | 70       | 51          | 56                  | 67   | 27          | 28  | 6           | 34        | 32          | 31        | 21        | 50     | 31     | 28      | 23    | 26       | 23      | 24    |
| ST 230105 | 95897070  | 8            | TTS               | 190014          | ST     | 170037       | 101           | 123        | 90       | 88          | 119       | 125         | 118          |             |           | 122           | 118      | 100            | 107          | 113     | 123      | 90          | 103                 | 126  | 127         | 132 | 118         | 85        | 113         | 101       | 122       | 112    | 126    | 125     | 114   | 106      | 102     | 115   |
|           |           |              |                   |                 |        |              | 68            | 70         | 50       | 47          | 27        | 49          | 63           |             |           | 22            | 37       | 0.99           | -1.0         | 30      | 15.9     | -1.1        | 43                  | 23.8 | 141         | 106 | -33         | -0.5      | 19.0        | -6.6      | -6.4      | 26.3   | 29     | 39      | 1.32  | -0.12    | 0.12    | 0.25  |
|           |           |              |                   |                 |        |              |               |            |          |             |           |             |              |             |           |               | 27       | 73             | 56           | 47      | 70       | 50          | 56                  | 69   | 24          | 18  | 6           | 30        | 29          | 34        | 20        | 50     | 28     | 24      | 20    | 23       | 20      | 22    |
| ST 230113 | 95897153  | 6            | GH                | 150004          | ST     | 150015       | 125           | 93         | 72       | 117         | 90        | 83          | 87           | 94          | 82        | 93            | 84       | 120            | 118          | 85      | 93       | 72          | 72                  | 83   | 91          | 71  | 78          | 101       | 84          | 102       | 86        | 107    | 86     | 80      | 94    | 117      | 112     | 96    |
|           |           |              |                   |                 |        |              | 71            | 71         | 59       | 59          | 34        | 54          | 67           | 24          | 48        | 39            | 5        | -0.74          | -2.2         | -1      | 3.3      | -6.8        | -31                 | 1.0  | 70          | -46 | 2           | 0.2       | 5.4         | -6.7      | -0.3      | 22.7   | 6      | 10      | -0.19 | 0.72     | 1.34    | -0.02 |
|           |           |              |                   |                 |        |              |               |            |          |             |           |             |              |             |           |               | 34       | 74             | 63           | 59      | 71       | 59          | 63                  | 68   | 39          | 17  | 5           | 45        | 44          | 45        | 23        | 56     | 43     | 39      | 37    | 41       | 37      | 39    |
| ST 230115 | 95897179  | 5            | ST                | 180075          | SW     | 130076       | 110           | 116        | 107      | 99          | 110       | 125         | 127          |             |           | 119           | 104      | 104            | 118          | 99      | 116      | 107         | 120                 | 107  | 125         | 115 | 115         | 98        | 108         | 107       | 109       | 115    | 133    | 128     | 124   | 88       | 101     | 123   |
|           |           |              |                   |                 |        |              | 70            | 71         | 55       | 50          | 28        | 51          | 65           |             |           | 22            | 23       | 0.66           | -2.2         | 15      | 12.9     | 4.2         | 83                  | 13.9 | 136         | 62  | -30         | 0.0       | 16.5        | -9.2      | -4.2      | 27.9   | 33     | 40      | 2.03  | -1.41    | -0.02   | 0.35  |
|           |           |              |                   |                 |        |              |               |            |          |             |           |             |              |             |           |               | 34       | 75             | 59           | 50      | 71       | 55          | 59                  | 70   | 25          | 17  | 5           | 32        | 31          | 35        | 21        | 52     | 29     | 25      | 20    | 24       | 20      | 22    |
| ST 230139 | 96174685  | 7            | GH                | 150004          | ST     | 160038       | 105           | 111        | 84       | 100         | 74        | 84          | 105          | 106         | 85        | 107           | 102      | 99             | 115          | 99      | 111      | 84          | 93                  | 105  | 109         | 100 | 89          | 109       | 99          | 82        | 74        | 103    | 100    | 99      | 105   | 123      | 113     | 107   |
|           |           |              |                   |                 |        |              | 70            | 71         | 59       | 59          | 34        | 54          | 67           | 23          | 48        | 38            | 22       | 1.04           | -1.9         | 15      | 10.8     | -3.2        | 19                  | 13.0 | 106         | 27  | -8          | 0.5       | 12.5        | 3.3       | 1.9       | 20.7   | 14     | 22      | 0.62  | 1.17     | 1.49    | 0.14  |
|           |           |              |                   |                 |        |              |               |            |          |             |           |             |              |             |           |               | 36       | 74             | 63           | 59      | 71       | 59          | 63                  | 70   | 39          | 17  | 5           | 44        | 43          | 47        | 22        | 57     | 42     | 39      | 37    | 40       | 37      | 38    |

# Breeding Values and Accuracies: Bulls

Inbreeding in red is high

Value <80    Value >120

Breeding values with an accuracy < 5% are not printed

| Animal     |           |              |                   | Selection Value |        |              |               |            |          |             |           |             |              | Birth       |           |              | Wean     |                |              |         | Growth & Adaptation |             |            |     |             | Fertility |             |         |             | Frame     |           | Carcass |        |      |       |          |         |
|------------|-----------|--------------|-------------------|-----------------|--------|--------------|---------------|------------|----------|-------------|-----------|-------------|--------------|-------------|-----------|--------------|----------|----------------|--------------|---------|---------------------|-------------|------------|-----|-------------|-----------|-------------|---------|-------------|-----------|-----------|---------|--------|------|-------|----------|---------|
| ID         | Animal no | % Inbreeding | Genomic Parentage | Index           |        | Calv. Ease V | Calf Growth V | Milk Value | Maint. V | Fertility V | Cow Value | Wean Calf V | Growth Value | Prod. Value | Carcass V | Cow wt -brth | Birth wt | Cow-Calf birth | Cow wt -wean | Wean wt | Wean mat            | Cow-Calf wn | Post wn wt | ADG | Veld growth | FCR       | Skin Thickn | Scrotum | Heifer Fert | Cow Fert. | Longevity | Height  | Length | EMA  | Fat   | Marbling | Dress % |
|            |           |              |                   | EBV             | Acc    |              |               |            |          |             |           |             |              |             |           |              |          |                |              |         |                     |             |            |     |             |           |             |         |             |           |           |         |        |      |       |          |         |
|            |           |              |                   | Sire ID         | Dam ID |              |               |            |          |             |           |             |              |             |           |              |          |                |              |         |                     |             |            |     |             |           |             |         |             |           |           |         |        |      |       |          |         |
| ST 230145  | 96174743  | 5            | HBH 160026        | ST 190083       |        | 97           | 103           | 103        | 105      | 89          | 96        | 105         | 108          | 97          | 112       | 97           | 101      | 84             | 93           | 103     | 103                 | 109         | 102        | 116 | 81          | 104       | 87          | 124     | 100         | 87        | 107       | 108     | 107    | 115  | 105   | 87       | 116     |
|            |           |              |                   |                 |        | 69           | 69            | 56         | 57       | 32          | 52        | 65          | 20           | 46          | 32        | 17           | 0.86     | 1.6            | 8            | 7.8     | 2.8                 | 57          | 11.0       | 120 | -20         | -21       | -0.4        | 24.0    | -5.7        | -0.3      | 23.0      | 18      | 27     | 1.38 | -0.16 | -1.63    | 0.25    |
|            |           |              |                   |                 |        |              |               |            |          |             |           |             |              |             |           | 33           | 73       | 61             | 57           | 69      | 56                  | 61          | 68         | 32  | 20          | 5         | 40          | 38      | 42          | 21        | 55        | 37      | 32     | 30   | 34    | 30       | 32      |
| TTS 230021 | 95784039  | 5            | GH 150004         | TTS 150010      |        | 127          | 98            | 75         | 123      | 86          | 88        | 99          | 111          | 90          | 109       | 85           | 121      | 121            | 82           | 98      | 75                  | 80          | 90         | 111 | 96          | 96        | 111         | 100     | 91          | 85        | 106       | 101     | 97     | 111  | 130   | 112      | 114     |
|            |           |              |                   |                 |        | 71           | 71            | 59         | 59       | 34          | 54        | 67          | 26           | 48          | 40        | 5            | -0.78    | -2.5           | -4           | 5.6     | -6.0                | -10         | 5.0        | 109 | 16          | -14       | 0.6         | 12.8    | -1.1        | 0.0       | 22.5      | 15      | 20     | 1.06 | 1.65  | 1.29     | 0.23    |
|            |           |              |                   |                 |        |              |               |            |          |             |           |             |              |             |           | 41           | 74       | 63             | 59           | 71      | 59                  | 63          | 68         | 43  | 27          | 5         | 49          | 48      | 45          | 23        | 57        | 47      | 43     | 38   | 41    | 38       | 40      |
| TTS 230041 | 95970711  | 7            | GH 150004         | TTS 160038      |        | 120          | 98            | 72         | 128      | 94          | 92        | 95          | 105          | 92          | 104       | 82           | 115      | 112            | 79           | 98      | 72                  | 78          | 92         | 102 | 96          | 85        | 95          | 86      | 110         | 89        | 107       | 91      | 89     | 102  | 122   | 120      | 104     |
|            |           |              |                   |                 |        | 71           | 71            | 59         | 59       | 35          | 54        | 67          | 27           | 49          | 40        | 2            | -0.28    | -1.6           | -7           | 5.5     | -7.0                | -16         | 5.7        | 91  | 16          | -4        | -0.1        | 6.4     | -10.7       | -0.7      | 22.7      | 9       | 16     | 0.42 | 1.08  | 2.30     | 0.10    |
|            |           |              |                   |                 |        |              |               |            |          |             |           |             |              |             |           | 35           | 74       | 63             | 59           | 71      | 59                  | 63          | 58         | 42  | 28          | 9         | 48          | 47      | 47          | 23        | 57        | 46      | 42     | 39   | 42    | 39       | 40      |
| TTS 230050 | 96175021  | 7            | GH 150004         | TTS 150027      |        | 105          | 116           | 91         | 91       | 87          | 99        | 113         | 113          | 100         | 116       | 111          | 99       | 117            | 110          | 116     | 91                  | 100         | 116        | 118 | 104         | 94        | 101         | 99      | 105         | 82        | 102       | 106     | 111    | 111  | 124   | 119      | 113     |
|            |           |              |                   |                 |        | 71           | 70            | 59         | 59       | 36          | 54        | 67          | 26           | 48          | 42        | 31           | 1.05     | -2.1           | 27           | 13.0    | -0.7                | 36          | 18.5       | 124 | 36          | -12       | 0.2         | 12.4    | -8.4        | 0.6       | 19.6      | 18      | 29     | 1.06 | 1.23  | 2.17     | 0.22    |
|            |           |              |                   |                 |        |              |               |            |          |             |           |             |              |             |           | 39           | 74       | 63             | 59           | 70      | 59                  | 63          | 60         | 42  | 29          | 7         | 48          | 47      | 47          | 24        | 57        | 46      | 42     | 40   | 43    | 40       | 42      |
| TTS 230055 | 96340468  | 5            | HBH 160026        | TTS 180006      |        | 105          | 104           | 94         | 111      | 92          | 98        | 105         | 114          | 100         | 110       | 90           | 109      | 85             | 88           | 104     | 94                  | 103         | 102        | 121 | 101         | 113       | 81          | 121     | 93          | 92        | 106       | 110     | 109    | 113  | 101   | 84       | 113     |
|            |           |              |                   |                 |        | 69           | 61            | 55         | 57       | 30          | 49        | 61          | 22           | 44          | 34        | 10           | 0.20     | 1.5            | 3            | 8.1     | -0.1                | 43          | 11.1       | 130 | 30          | -29       | -0.6        | 22.8    | -2.1        | -1.3      | 22.3      | 20      | 29     | 1.20 | -0.48 | -2.00    | 0.21    |
|            |           |              |                   |                 |        |              |               |            |          |             |           |             |              |             |           | 33           | 73       | 61             | 57           | 61      | 55                  | 58          | 57         | 34  | 23          | 7         | 43          | 41      | 41          | 20        | 55        | 39      | 35     | 32   | 36    | 32       | 34      |
| ST 240005  | 96851274  | 4            | GH 150004         | T 100025        |        | 100          | 102           | 85         | 119      | 71          | 78        | 99          | 99           | 79          | 102       | 85           | 96       | 102            | 83           | 102     | 85                  | 94          | 95         | 101 | 74          | 82        | 105         | 94      | 91          | 68        | 105       | 92      | 92     | 107  | 119   | 110      | 108     |
|            |           |              |                   |                 |        | 72           | 73            | 61         | 58       | 34          | 55        | 69          | 24           | 49          | 38        | 5            | 1.35     | -0.4           | -2           | 7.1     | -2.6                | 23          | 7.3        | 89  | -37         | -2        | 0.3         | 9.8     | -1.4        | 3.0       | 21.7      | 9       | 18     | 0.75 | 0.84  | 1.09     | 0.15    |
|            |           |              |                   |                 |        |              |               |            |          |             |           |             |              |             |           | 47           | 75       | 64             | 58           | 73      | 61                  | 64          | 72         | 39  | 16          | 5         | 44          | 43      | 46          | 21        | 58        | 42      | 39     | 37   | 40    | 37       | 38      |
| ST 240014  | 96851365  | 5            | TTS 190014        | ST 180041       |        | 108          | 116           | 85         | 98       | 119         | 121       | 113         |              |             | 107       | 102          | 105      | 112            | 101          | 116     | 85                  | 98          | 113        | 108 | 106         | 103       | 80          | 105     | 107         | 120       | 115       | 108     | 108    | 101  | 110   | 102      | 102     |
|            |           |              |                   |                 |        | 67           | 70            | 50         | 47       | 25          | 48        | 63          |              |             | 20        | 22           | 0.59     | -1.5           | 18           | 13.2    | -2.7                | 32          | 17.1       | 103 | 41          | -20       | -0.7        | 15.2    | -9.2        | -6.1      | 27.8      | 18      | 27     | 0.32 | 0.17  | 0.07     | 0.06    |
|            |           |              |                   |                 |        |              |               |            |          |             |           |             |              |             |           | 24           | 73       | 55             | 47           | 70      | 50                  | 56          | 70         | 23  | 17          | 5         | 29          | 27      | 32          | 18        | 48        | 26      | 23     | 19   | 22    | 19       | 20      |
| ST 240029  | 97089684  | 9            | TTS 190014        | ST 180049       |        | 115          | 116           | 92         | 89       | 117         | 122       | 115         |              |             | 115       | 115          | 113      | 116            | 112          | 116     | 92                  | 100         | 116        | 115 | 105         | 105       | 81          | 105     | 105         | 118       | 113       | 120     | 118    | 107  | 103   | 99       | 107     |
|            |           |              |                   |                 |        | 67           | 60            | 49         | 47       | 27          | 46        | 57          |              |             | 22        | 34           | -0.09    | -2.0           | 29           | 13.1    | -0.7                | 35          | 18.5       | 118 | 39          | -22       | -0.7        | 15.1    | -8.4        | -5.7      | 26.8      | 25      | 34     | 0.76 | -0.28 | -0.27    | 0.14    |
|            |           |              |                   |                 |        |              |               |            |          |             |           |             |              |             |           | 26           | 72       | 55             | 47           | 60      | 49                  | 52          | 57         | 24  | 18          | 5         | 30          | 29      | 34          | 20        | 50        | 27      | 24     | 20   | 23    | 20       | 22      |
| ST 240039  | 97471080  | 7            | ADM 180052        | ST 210102       |        | 82           | 114           | 106        | 85       | 83          | 95        | 109         |              |             | 103       | 116          | 85       | 93             | 116          | 114     | 106                 | 110         | 114        | 109 | 109         | 104       | 96          | 109     | 86          | 84        | 113       | 111     | 109    | 108  | 88    | 96       | 107     |
|            |           |              |                   |                 |        | 65           | 66            | 43         | 46       | 24          | 45        | 59          |              |             | 20        | 35           | 2.21     | 0.7            | 33           | 12.3    | 3.9                 | 60          | 17.5       | 106 | 49          | -21       | 0.0         | 17.0    | 1.2         | 0.1       | 26.4      | 20      | 28     | 0.85 | -1.42 | -0.56    | 0.13    |
|            |           |              |                   |                 |        |              |               |            |          |             |           |             |              |             |           | 24           | 71       | 52             | 46           | 66      | 43                  | 52          | 52         | 22  | 15          | 12        | 26          | 26      | 31          | 16        | 46        | 25      | 23     | 19   | 21    | 19       | 20      |
| ST 240040  | 97470801  |              | T 090099          |                 |        | 96           | 108           | 88         | 98       | 97          | 97        | 100         |              |             | 100       | 103          | 97       | 96             | 101          | 108     | 88                  | 95          | 116        | 98  | 114         | 102       | 111         | 92      | 97          | 96        | 96        | 102     | 96     | 112  | 89    | 64       | 110     |
|            |           |              |                   |                 |        | 62           | 62            | 44         | 39       | 23          | 43        | 56          |              |             | 12        | 23           | 1.21     | 0.2            | 17           | 9.7     | -1.8                | 23          | 18.8       | 83  | 61          | -19       | 0.5         | 9.2     | -4.4        | -2.0      | 16.1      | 15      | 20     | 1.10 | -1.32 | -4.44    | 0.18    |
|            |           |              |                   |                 |        |              |               |            |          |             |           |             |              |             |           | 33           | 67       | 49             | 39           | 62      | 44                  | 48          | 50         | 18  | 16          | 9         | 21          | 20      | 28          | 18        | 41        | 20      | 18     | 12   | 11    | 10       | 12      |
| ST 240055  | 97561187  | 7            | ST 160007         | ST 180005       |        | 100          | 100           | 95         | 101      | 98          | 96        | 96          |              |             | 100       | 99           | 103      | 93             | 97           | 100     | 95                  | 96          | 103        | 101 | 104         | 96        | 90          | 96      | 98          | 97        | 119       | 98      | 95     | 103  | 100   | 103      | 103     |
|            |           |              |                   |                 |        | 68           | 59            | 52         | 52       | 29          | 47        | 58          |              |             | 16        | 18           | 0.73     | 0.6            | 13           | 6.4     | 0.3                 | 27          | 11.6       | 90  | 36          | -14       | -0.3        | 10.8    | -5.1        | -2.1      | 30.2      | 13      | 19     | 0.48 | -0.50 | 0.29     | 0.08    |
|            |           |              |                   |                 |        |              |               |            |          |             |           |             |              |             |           | 28           | 73       | 58             | 52           | 59      | 52                  | 54          | 52         | 22  | 25          | 6         | 26          | 25      | 36          | 22        | 52        | 24      | 22     | 16   | 17    | 16       | 16      |
| ST 240073  | 97561690  | 6            | GH 210010         | T 140060        |        | 95           | 102           | 106        | 94       | 127         | 120       | 100         |              |             | 100       | 103          | 97       | 94             | 104          | 102     | 106                 | 105         | 104        | 104 | 101         | 100       | 93          | 96      | 111         | 129       | 112       | 103     | 99     | 98   | 96    | 99       | 98      |
|            |           |              |                   |                 |        | 69           | 69            | 50         | 48       | 28          | 49        | 63          |              |             | 18        | 22           | 1.24     | 0.5            | 20           | 7.1     | 3.7                 | 48          | 12.3       | 94  | 28          | -18       | -0.2        | 10.9    | -11.5       | -7.7      | 26.1      | 16      | 22     | 0.14 | -0.84 | -0.19    | 0.01    |
|            |           |              |                   |                 |        |              |               |            |          |             |           |             |              |             |           | 27           | 74       | 56             | 48           | 69      | 50                  | 56          | 50         | 21  | 17          | 5         | 25          | 25      | 35          | 20        | 48        | 24      | 22     | 17   | 19    | 17       | 18      |

# Breeding Values and Accuracies: Bulls

Inbreeding in red is high

Value <80    Value >120

Breeding values with an accuracy < 5% are not printed

| Animal     |           |              |                   | Selection Value     |              |               |            |          |             |           |             |              |             | Birth     |               |          | Wean           |              |         |          | Growth & Adaptation |            |     |             |      | Fertility   |         |             |           | Frame     |        | Carcass |       |       |          |         |
|------------|-----------|--------------|-------------------|---------------------|--------------|---------------|------------|----------|-------------|-----------|-------------|--------------|-------------|-----------|---------------|----------|----------------|--------------|---------|----------|---------------------|------------|-----|-------------|------|-------------|---------|-------------|-----------|-----------|--------|---------|-------|-------|----------|---------|
| ID         | Animal no | % Inbreeding | Genomic Parentage | Index<br>EBV<br>Acc | Calv. Ease V | Calf Growth V | Milk Value | Maint. V | Fertility V | Cow Value | Wean Calf V | Growth Value | Prod. Value | Carcass V | Cow wt -birth | Birth wt | Cow-Calf birth | Cow wt -wean | Wean wt | Wean mat | Cow-Calf wn         | Post wn wt | ADG | Veld growth | FCR  | Skin Thickn | Scrotum | Heifer Fert | Cow Fert. | Longevity | Height | Length  | EMA   | Fat   | Marbling | Dress % |
|            |           |              |                   |                     |              |               |            |          |             |           |             |              |             |           |               |          |                |              |         |          |                     |            |     |             |      |             |         |             |           |           |        |         |       |       |          |         |
| ST 240097  | 97710610  | 6            | ST 200008         | ST 200070           | 100          | 100           | 97         | 99       | 97          | 96        | 96          |              |             | 107       | 101           | 105      | 88             | 99           | 100     | 97       | 98                  | 98         | 112 | 100         |      | 90          | 111     | 92          | 99        | 116       | 109    | 104     | 109   | 96    | 92       | 109     |
|            |           |              |                   |                     | 66           | 67            | 46         | 47       | 26          | 47        | 60          |              |             | 18        | 21            | 0.56     | 1.1            | 15           | 6.2     | 1.1      | 31                  | 9.2        | 112 | 27          | -0.3 |             | 18.0    | -2.0        | -2.4      | 28.6      | 19     | 25      | 0.93  | -0.84 | -1.05    | 0.16    |
|            |           |              |                   |                     |              |               |            |          |             |           |             |              |             |           | 25            | 72       | 54             | 47           | 67      | 46       | 53                  | 56         | 20  | 14          |      | 25          | 24      | 34          | 18        | 47        | 23     | 20      | 17    | 20    | 17       | 18      |
| ST 240108  | 97831861  | 5            | ADM 210028        | T 140016            | 112          | 110           | 87         | 106      | 109         | 112       | 109         | 131          | 116         | 126       | 97            | 110      | 106            | 93           | 110     | 87       | 98                  | 111        | 136 | 110         | 122  | 76          | 133     | 108         | 108       | 114       | 133    | 126     | 118   | 83    | 103      | 116     |
|            |           |              |                   |                     | 69           | 68            | 52         | 48       | 24          | 48        | 63          | 21           | 43          | 32        | 17            | 0.13     | -0.8           | 9            | 10.5    | -2.1     | 32                  | 15.8       | 159 | 51          | -36  | -0.9        | 28.0    | -9.9        | -4.1      | 27.4      | 33     | 39      | 1.56  | -1.74 | 0.26     | 0.26    |
|            |           |              |                   |                     |              |               |            |          |             |           |             |              |             |           | 33            | 74       | 57             | 48           | 68      | 52       | 56                  | 56         | 33  | 23          | 6    | 40          | 38      | 31          | 16        | 48        | 37     | 33      | 30    | 33    | 30       | 32      |
| ST 240120  | 97980692  | 7            | TTS 190014        | ST 150017           | 113          | 104           | 86         | 103      | 119         | 114       | 101         |              |             | 99        | 97            | 109      | 113            | 96           | 104     | 86       | 91                  | 103        | 101 | 107         | 97   | 83          | 103     | 98          | 123       | 112       | 104    | 101     | 98    | 115   | 97       | 99      |
|            |           |              |                   |                     | 68           | 70            | 52         | 47       | 26          | 49        | 63          |              |             | 22        | 17            | 0.20     | -1.7           | 12           | 8.1     | -2.5     | 15                  | 11.9       | 89  | 42          | -15  | -0.6        | 14.2    | -4.6        | -6.6      | 26.2      | 16     | 23      | 0.09  | 0.53  | -0.50    | 0.03    |
|            |           |              |                   |                     |              |               |            |          |             |           |             |              |             |           | 27            | 73       | 56             | 47           | 70      | 52       | 56                  | 61         | 24  | 21          | 5    | 30          | 30      | 33          | 20        | 50        | 28     | 25      | 21    | 24    | 21       | 22      |
| ST 240145  | 98212897  | 5            | TTS 210004        | ST 210023           | 82           | 115           | 99         | 94       | 105         | 110       | 109         |              |             | 118       | 109           | 84       | 89             | 106          | 115     | 99       | 109                 | 108        | 109 | 80          |      | 82          | 119     | 108         | 103       | 107       | 108    | 112     | 115   | 99    | 96       | 115     |
|            |           |              |                   |                     | 64           | 64            | 45         | 46       | 23          | 45        | 58          |              |             | 23        | 29            | 2.32     | 1.1            | 22           | 12.8    | 1.7      | 57                  | 14.5       | 106 | -22         | -0.6 |             | 21.7    | -9.7        | -3.2      | 22.7      | 19     | 30      | 1.34  | -0.58 | -0.60    | 0.24    |
|            |           |              |                   |                     |              |               |            |          |             |           |             |              |             |           | 25            | 69       | 53             | 46           | 64      | 45       | 52                  | 46         | 24  | 15          |      | 30          | 28      | 30          | 16        | 42        | 27     | 24      | 22    | 24    | 22       | 23      |
| TTS 240005 | 96851548  | 7            | ADM 200045        | TTS 160039          | 97           | 111           | 96         | 96       | 103         | 107       | 109         | 110          | 107         | 97        | 104           | 92       | 110            | 103          | 111     | 96       | 104                 | 111        | 111 | 124         | 103  | 92          | 99      | 104         | 102       | 118       | 102    | 103     | 92    | 93    | 84       | 91      |
|            |           |              |                   |                     | 67           | 69            | 50         | 47       | 26          | 48        | 62          | 22           | 43          | 34        | 24            | 1.67     | -1.4           | 19           | 11.1    | 0.6      | 45                  | 15.9       | 110 | 86          | -20  | -0.2        | 12.3    | -7.8        | -2.9      | 30.1      | 15     | 24      | -0.35 | -1.03 | -2.10    | -0.08   |
|            |           |              |                   |                     |              |               |            |          |             |           |             |              |             |           | 29            | 72       | 55             | 47           | 69      | 50       | 55                  | 68         | 34  | 27          | 7    | 44          | 41      | 33          | 20        | 48        | 40     | 35      | 32    | 36    | 32       | 34      |
| TTS 240012 | 96970439  | 8            | ADM 200045        | TTS 150025          | 97           | 111           | 87         | 101      | 88          | 94        | 105         | 104          | 94          | 93        | 99            | 93       | 106            | 98           | 111     | 87       | 98                  | 108        | 109 | 107         | 99   | 93          | 101     | 94          | 87        | 114       | 98     | 101     | 93    | 89    | 79       | 92      |
|            |           |              |                   |                     | 67           | 69            | 50         | 47       | 26          | 48        | 62          | 22           | 43          | 34        | 18            | 1.59     | -0.8           | 14           | 11.1    | -2.0     | 31                  | 14.6       | 106 | 44          | -16  | -0.2        | 13.4    | -2.8        | -0.3      | 27.4      | 13     | 23      | -0.25 | -1.30 | -2.68    | -0.07   |
|            |           |              |                   |                     |              |               |            |          |             |           |             |              |             |           | 25            | 72       | 55             | 47           | 69      | 50       | 55                  | 68         | 34  | 26          | 6    | 43          | 41      | 32          | 20        | 48        | 40     | 35      | 32    | 36    | 32       | 34      |
| TTS 240013 | 96970447  | 6            | GH 150004         | TTS 160035          | 121          | 90            | 76         | 136      | 85          | 83        | 92          | 104          | 84          | 102       | 75            | 116      | 110            | 72           | 90      | 76       | 79                  | 84         | 103 | 97          | 87   | 97          | 92      | 113         | 77        | 108       | 90     | 90      | 104   | 124   | 118      | 106     |
|            |           |              |                   |                     | 70           | 71            | 58         | 59       | 34          | 54        | 67          | 26           | 48          | 40        | -5            | -0.34    | -1.3           | -15          | 2.4     | -5.7     | -14                 | 1.8        | 93  | 18          | -6   | 0.0         | 8.9     | -12.4       | 1.5       | 23.5      | 9      | 16      | 0.56  | 1.20  | 2.08     | 0.13    |
|            |           |              |                   |                     |              |               |            |          |             |           |             |              |             |           | 36            | 73       | 63             | 59           | 71      | 58       | 63                  | 70         | 42  | 28          | 7    | 48          | 47      | 47          | 22        | 56        | 46     | 42      | 39    | 42    | 39       | 40      |
| TTS 240028 | 97562201  | 9            | ST 160007         | TTS 140002          | 95           | 107           | 89         | 99       | 92          | 93        | 98          |              |             | 102       | 101           | 95       | 99             | 100          | 107     | 89       | 94                  | 105        | 108 | 124         | 106  | 96          | 106     | 97          | 91        | 106       | 107    | 103     | 106   | 103   | 100      | 106     |
|            |           |              |                   |                     | 68           | 70            | 54         | 51       | 28          | 50        | 64          |              |             | 16        | 21            | 1.41     | -0.1           | 16           | 9.1     | -1.5     | 23                  | 12.5       | 104 | 85          | -22  | -0.1        | 15.4    | -4.1        | -1.0      | 22.2      | 18     | 25      | 0.70  | -0.32 | -0.11    | 0.12    |
|            |           |              |                   |                     |              |               |            |          |             |           |             |              |             |           | 28            | 73       | 58             | 51           | 70      | 54       | 58                  | 60         | 21  | 17          | 6    | 24          | 23      | 35          | 20        | 53        | 22     | 21      | 15    | 16    | 15       | 16      |
| ST 250011  | 98740871  | 11           | TTS 190014        | TTS 150010          | 112          | 118           | 87         | 96       | 117         | 122       | 116         |              |             | 112       | 106           | 109      | 114            | 104          | 118     | 87       | 100                 | 115        | 116 | 106         |      | 88          | 114     | 92          | 122       | 110       | 116    | 114     | 110   | 119   | 97       | 112     |
|            |           |              |                   |                     | 68           | 60            | 52         | 48       | 26          | 46        | 58          |              |             | 22        | 26            | 0.21     | -1.7           | 20           | 13.8    | -2.0     | 37                  | 18.0       | 119 | 42          | -0.4 |             | 19.5    | -1.8        | -6.4      | 24.9      | 24     | 32      | 1.00  | 0.86  | -0.54    | 0.20    |
|            |           |              |                   |                     |              |               |            |          |             |           |             |              |             |           | 34            | 73       | 56             | 48           | 60      | 52       | 53                  | 56         | 29  | 27          |      | 36          | 35      | 31          | 20        | 48        | 34     | 30      | 20    | 23    | 21       | 22      |
| ST 250016  | 98820624  | 4            | ST 200008         | T 140139            | 106          | 99            | 105        | 106      | 94          | 100       | 105         |              |             | 106       | 93            | 107      | 99             | 92           | 99      | 105      | 108                 | 99         | 109 | 96          |      | 94          | 108     | 91          | 96        | 109       | 111    | 107     | 109   | 95    | 94       | 108     |
|            |           |              |                   |                     | 69           | 71            | 53         | 49       | 26          | 50        | 65          |              |             | 10        | 13            | 0.43     | -0.1           | 7            | 6.0     | 3.4      | 54                  | 9.7        | 104 | 16          | -0.1 |             | 16.4    | -1.4        | -1.9      | 24.3      | 20     | 27      | 0.91  | -0.90 | -0.85    | 0.15    |
|            |           |              |                   |                     |              |               |            |          |             |           |             |              |             |           | 29            | 74       | 57             | 49           | 71      | 53       | 58                  | 55         | 19  | 13          |      | 25          | 23      | 32          | 20        | 48        | 22     | 19      | 10    | 11    | 10       | 10      |
| ST 250029  | 99166878  | 5            | ST 200033         | ST 220040           | 101          | 98            | 92         | 125      | 82          | 88        | 101         |              |             | 93        | 82            | 100      | 92             | 80           | 98      | 92       | 99                  | 100        | 99  | 96          | 98   | 88          | 109     | 108         | 74        | 106       | 92     | 88      | 100   | 98    | 110      | 100     |
|            |           |              |                   |                     | 66           | 66            | 45         | 46       | 26          | 46        | 60          |              |             | 26        | 2             | 0.95     | 0.7            | -6           | 5.5     | -0.7     | 35                  | 10.1       | 85  | 16          | -15  | -0.4        | 16.9    | -10.0       | 1.9       | 22.3      | 10     | 15      | 0.29  | -0.66 | 1.09     | 0.04    |
|            |           |              |                   |                     |              |               |            |          |             |           |             |              |             |           | 29            | 72       | 53             | 46           | 66      | 45       | 52                  | 51         | 27  | 16          | 5    | 31          | 30      | 35          | 18        | 45        | 29     | 27      | 25    | 27    | 25       | 26      |
| ST 250037  | 99166969  | 4            | ST 200033         | ST 220102           | 78           | 115           | 105        | 95       | 89          | 101       | 112         |              |             | 108       | 106           | 82       | 82             | 104          | 115     | 105      | 116                 | 120        | 114 | 95          |      | 83          | 125     | 101         | 86        | 107       | 110    | 109     | 115   | 86    | 99       | 113     |
|            |           |              |                   |                     | 66           | 67            | 46         | 46       | 26          | 47        | 60          |              |             | 22        | 25            | 2.50     | 1.8            | 20           | 12.8    | 3.6      | 73                  | 20.5       | 114 | 14          | -0.6 |             | 24.4    | -6.2        | -0.2      | 22.9      | 20     | 28      | 1.36  | -1.57 | -0.20    | 0.22    |
|            |           |              |                   |                     |              |               |            |          |             |           |             |              |             |           | 28            | 72       | 53             | 46           | 67      | 46       | 53                  | 51         | 23  | 15          |      | 28          | 27      | 34          | 18        | 45        | 26     | 24      | 21    | 24    | 21       | 22      |

# Breeding Values and Accuracies: Bulls

Inbreeding in red is high

Value <80    Value >120

Breeding values with an accuracy < 5% are not printed

| Animal    |           |              |                         | Selection Value     |              |               |            |           |             |           |             |              |             |           | Birth        |             |                | Wean         |             |            |             | Growth & Adaptation |            |             |            |              | Fertility   |              |             |             | Frame     |           | Carcass     |              |              |             |
|-----------|-----------|--------------|-------------------------|---------------------|--------------|---------------|------------|-----------|-------------|-----------|-------------|--------------|-------------|-----------|--------------|-------------|----------------|--------------|-------------|------------|-------------|---------------------|------------|-------------|------------|--------------|-------------|--------------|-------------|-------------|-----------|-----------|-------------|--------------|--------------|-------------|
| ID        | Animal no | % Inbreeding | Genomic Parentage       | Index<br>EBV<br>Acc | Calv. Ease V | Calf Growth V | Milk Value | Maint. V  | Fertility V | Cow Value | Wean Calf V | Growth Value | Prod. Value | Carcass V | Cow wt -brth | Birth wt    | Cow-Calf birth | Cow wt -wean | Wean wt     | Wean mat   | Cow-Calf wn | Post wn wt          | ADG        | Veld growth | FCR        | Skin Thicken | Scrotum     | Heifer Fert  | Cow Fert.   | Longevity   | Height    | Length    | EMA         | Fat          | Marbling     | Dress %     |
|           |           |              |                         |                     |              |               |            |           |             |           |             |              |             |           |              |             |                |              |             |            |             |                     |            |             |            |              |             |              |             |             |           |           |             |              |              |             |
| ST 250045 | 99639957  | 8            | ST 200033<br>ST 220115  |                     | 104<br>66    | 118<br>67     | 106<br>45  | 87<br>46  | 84<br>26    | 104<br>47 | 121<br>60   |              |             | 119<br>23 | 117<br>36    | 102<br>0.79 | 110<br>-1.3    | 113<br>30    | 118<br>13.7 | 106<br>3.7 | 113<br>66   | 121<br>21.2         | 126<br>140 | 99<br>24    | 115<br>-31 | 86<br>-0.4   | 133<br>28.1 | 97<br>-4.2   | 81<br>0.7   | 102<br>19.9 | 121<br>26 | 122<br>37 | 119<br>1.65 | 84<br>-1.67  | 100<br>-0.11 | 117<br>0.28 |
| ST 250046 | 99639965  | 5            | ADM 210028<br>ST 220014 |                     | 95<br>65     | 109<br>56     | 86<br>42   | 99<br>40  | 102<br>26   | 100<br>42 | 99<br>53    | 124<br>21    | 104<br>38   | 113<br>33 | 101<br>21    | 97<br>1.19  | 93<br>0.6      | 101<br>17    | 109<br>10.1 | 86<br>-2.5 | 93<br>20    | 110<br>15.4         | 128<br>143 | 119<br>73   | 120<br>-35 | 74<br>-0.9   | 127<br>25.3 | 100<br>-5.6  | 102<br>-3.0 | 98<br>17.6  | 126<br>29 | 119<br>35 | 109<br>0.93 | 73<br>-2.48  | 99<br>-0.24  | 107<br>0.13 |
| ST 250047 | 99639973  | 5            | ADM 210028<br>ST 200093 |                     | 93<br>66     | 114<br>67     | 86<br>47   | 100<br>46 | 93<br>26    | 98<br>47  | 105<br>60   | 125<br>21    | 102<br>42   | 119<br>33 | 101<br>21    | 96<br>1.27  | 89<br>1.1      | 100<br>16    | 114<br>12.2 | 86<br>-2.3 | 98<br>32    | 114<br>17.2         | 131<br>148 | 107<br>43   | 119<br>-34 | 73<br>-1.0   | 128<br>26.0 | 87<br>0.7    | 96<br>-2.0  | 96<br>16.2  | 128<br>30 | 122<br>37 | 112<br>1.14 | 74<br>-2.39  | 99<br>-0.24  | 110<br>0.17 |
| ST 250048 | 99643793  | 11           | ST 200033<br>ST 220024  |                     | 87<br>65     | 120<br>56     | 99<br>43   | 104<br>46 | 85<br>27    | 103<br>43 | 121<br>54   |              |             | 104<br>20 | 100<br>19    | 85<br>2.24  | 94<br>0.5      | 95<br>10     | 120<br>14.6 | 99<br>1.7  | 118<br>78   | 117<br>19.1         | 111<br>109 | 97<br>18    | 103<br>-20 | 91<br>-0.2   | 114<br>19.5 | 92<br>-1.8   | 84<br>0.2   | 101<br>19.4 | 108<br>19 | 110<br>29 | 107<br>0.77 | 83<br>-1.74  | 99<br>-0.18  | 105<br>0.11 |
| ST 250050 | 99643827  | 6            | ST 200033<br>ST 220018  |                     | 78<br>65     | 110<br>57     | 109<br>42  | 106<br>44 | 84<br>25    | 97<br>42  | 112<br>54   | 97<br>20     | 95<br>38    | 97<br>22  | 95<br>14     | 79<br>2.74  | 82<br>1.9      | 92<br>7      | 110<br>10.4 | 109<br>4.8 | 121<br>86   | 108<br>14.4         | 105<br>98  | 88<br>-3    | 101<br>-18 | 101<br>0.1   | 116<br>20.2 | 88<br>0.4    | 84<br>0.2   | 100<br>18.5 | 101<br>15 | 100<br>22 | 106<br>0.68 | 89<br>-1.33  | 107<br>0.68  | 104<br>0.10 |
| ST 250062 | 99640120  | 6            | ST 180075<br>XY 100014  |                     | 113<br>68    | 107<br>61     | 88<br>55   | 100<br>51 | 89<br>28    | 96<br>48  | 105<br>60   | 107<br>20    | 96<br>42    | 108<br>23 | 103<br>23    | 111<br>0.08 | 110<br>-1.3    | 99<br>15     | 107<br>9.5  | 88<br>-1.8 | 95<br>24    | 101<br>10.6         | 110<br>108 | 99<br>24    | 100<br>-18 | 95<br>-0.1   | 100<br>12.8 | 86<br>1.0    | 90<br>-1.0  | 97<br>16.6  | 121<br>26 | 113<br>31 | 117<br>1.52 | 91<br>-1.18  | 104<br>0.39  | 116<br>0.26 |
| ST 250065 | 99640146  | 5            | ST 200033<br>ST 220085  |                     | 98<br>66     | 107<br>67     | 104<br>46  | 92<br>46  | 87<br>26    | 96<br>47  | 107<br>60   |              |             | 104<br>22 | 109<br>28    | 98<br>1.12  | 101<br>-0.3    | 107<br>23    | 107<br>9.3  | 104<br>3.3 | 107<br>52   | 113<br>17.0         | 114<br>115 | 111<br>53   |            | 87<br>-0.4   | 128<br>25.6 | 95<br>-3.6   | 85<br>-0.1  | 101<br>19.4 | 110<br>20 | 109<br>29 | 113<br>1.18 | 89<br>-1.33  | 98<br>-0.42  | 111<br>0.19 |
| ST 250079 | 99640260  | 6            | HBH 210009<br>ST 180049 |                     | 87<br>67     | 118<br>67     | 112<br>48  | 87<br>48  | 109<br>31   | 121<br>49 | 121<br>61   | 112<br>22    | 120<br>44   | 124<br>34 | 114<br>33    | 88<br>1.97  | 96<br>0.2      | 113<br>30    | 118<br>13.9 | 112<br>5.8 | 120<br>82   | 120<br>20.7         | 114<br>115 | 104<br>35   | 99<br>-17  | 83<br>-0.6   | 95<br>10.5  | 104<br>-7.9  | 109<br>-4.2 | 107<br>22.8 | 118<br>24 | 120<br>35 | 121<br>1.83 | 102<br>-0.36 | 108<br>0.82  | 122<br>0.34 |
| ST 250081 | 99640286  | 7            | ADM 210028<br>ST 200024 |                     | 99<br>67     | 101<br>68     | 92<br>49   | 107<br>47 | 104<br>27   | 101<br>48 | 97<br>62    | 123<br>20    | 104<br>42   | 112<br>32 | 93<br>13     | 98<br>1.11  | 97<br>0.2      | 92<br>7      | 101<br>6.8  | 92<br>-0.6 | 97<br>28    | 102<br>11.3         | 126<br>138 | 108<br>46   | 118<br>-33 | 73<br>-1.0   | 125<br>24.3 | 94<br>-2.7   | 106<br>-3.7 | 100<br>18.3 | 127<br>29 | 117<br>33 | 112<br>1.15 | 79<br>-2.05  | 103<br>0.25  | 110<br>0.18 |
| ST 250088 | 99640344  | 9            | GH 210010<br>ST 150024  |                     | 105<br>68    | 96<br>68      | 95<br>52   | 105<br>48 | 114<br>27   | 105<br>49 | 94<br>62    |              |             | 95<br>16  | 94<br>14     | 105<br>0.59 | 101<br>-0.3    | 94<br>9      | 96<br>4.6   | 95<br>0.3  | 94<br>22    | 90<br>4.9           | 90<br>68   | 88<br>-4    |            | 94<br>-0.1   | 96<br>11.0  | 107<br>-9.5  | 114<br>-5.0 | 111<br>25.2 | 90<br>9   | 88<br>15  | 98<br>0.14  | 107<br>0.01  | 99<br>-0.21  | 99<br>0.02  |
| ST 250100 | 99643934  | 5            | HBH 210009<br>ST 180048 |                     | 85<br>64     | 116<br>56     | 113<br>48  | 92<br>47  | 101<br>30   | 115<br>45 | 120<br>55   | 114<br>22    | 115<br>40   | 122<br>34 | 108<br>28    | 87<br>2.07  | 91<br>0.8      | 107<br>23    | 116<br>13.2 | 113<br>6.2 | 122<br>89   | 120<br>20.6         | 119<br>124 | 107<br>43   | 101<br>-18 | 85<br>-0.5   | 99<br>12.3  | 96<br>-4.0   | 102<br>-3.0 | 111<br>25.7 | 119<br>25 | 122<br>37 | 120<br>1.74 | 107<br>-0.05 | 110<br>1.04  | 121<br>0.32 |
| ST 250104 | 99640559  | 5            | GH 210010<br>TTS 150024 |                     | 94<br>69     | 115<br>70     | 96<br>51   | 88<br>48  | 133<br>27   | 129<br>49 | 109<br>64   |              |             | 105<br>24 | 112<br>32    | 94<br>1.46  | 103<br>-0.5    | 113<br>30    | 115<br>12.6 | 96<br>0.8  | 103<br>42   | 111<br>15.9         | 100<br>87  | 89<br>-1    |            | 88<br>-0.4   | 102<br>13.6 | 126<br>-19.0 | 131<br>-8.0 | 114<br>27.2 | 97<br>13  | 100<br>23 | 97<br>0.06  | 92<br>-1.13  | 97<br>-0.48  | 97<br>-0.01 |

Breeding Values and Accuracies: Bulls

| Inbreeding in red is high |            |              |                   |                                  |                 | Value <80 |              |               |            | Value >120 |             |           |             | Breeding values with an accuracy < 5% are not printed |             |           |               |          |                |              |         |          |                     |            |     |             |      |             |         |             |           |           |        |         |       |       |          |         |     |
|---------------------------|------------|--------------|-------------------|----------------------------------|-----------------|-----------|--------------|---------------|------------|------------|-------------|-----------|-------------|-------------------------------------------------------|-------------|-----------|---------------|----------|----------------|--------------|---------|----------|---------------------|------------|-----|-------------|------|-------------|---------|-------------|-----------|-----------|--------|---------|-------|-------|----------|---------|-----|
| Animal                    |            |              |                   |                                  | Selection Value |           |              |               |            |            |             |           |             |                                                       |             | Birth     |               |          | Wean           |              |         |          | Growth & Adaptation |            |     |             |      | Fertility   |         |             |           | Frame     |        | Carcass |       |       |          |         |     |
| ID                        | Animal no  | % Inbreeding | Genomic Parentage | <div>Index<br/>EBV<br/>Acc</div> | Sire ID         | Dam ID    | Calv. Ease V | Calf Growth V | Milk Value | Maint. V   | Fertility V | Cow Value | Wean Calf V | Growth Value                                          | Prod. Value | Carcass V | Cow wt -birth | Birth wt | Cow-Calf birth | Cow wt -wean | Wean wt | Wean mat | Cow-Calf wn         | Post wn wt | ADG | Veld growth | FCR  | Skin Thickn | Scrotum | Heifer Fert | Cow Fert. | Longevity | Height | Length  | EMA   | Fat   | Marbling | Dress % |     |
|                           |            |              |                   |                                  |                 |           |              |               |            |            |             |           |             |                                                       |             |           |               |          |                |              |         |          |                     |            |     |             |      |             |         |             |           |           |        |         |       |       |          |         |     |
| ST 250106                 | 99640575   | 7            | GH                | 150004                           | ST              | 170070    | 109          | 102           | 77         | 118        | 80          | 83        | 96          | 103                                                   | 83          | 103       | 86            | 106      | 103            | 84           | 102     | 77       | 85                  | 97         | 104 | 97          | 90   | 102         | 91      | 92          | 77        | 100       | 95     | 91      | 100   | 118   | 116      | 101     |     |
|                           |            |              |                   |                                  |                 |           | 70           | 70            | 58         | 58         | 36          | 54        | 66          | 25                                                    | 48          | 40        | 6             | 0.44     | -0.6           | -2           | 7.2     | -5.4     | 0                   | 8.5        | 95  | 20          | -9   | 0.2         | 8.4     | -2.1        | 1.3       | 18.7      | 12     | 17      | 0.23  | 0.76  | 1.76     | 0.06    |     |
|                           |            |              |                   |                                  |                 |           |              |               |            |            |             |           |             |                                                       |             |           | 38            | 74       | 63             | 58           | 70      | 58       | 62                  | 60         | 40  | 20          | 7    | 46          | 45      | 47          | 24        | 56        | 44     | 40      | 38    | 41    | 38       | 40      |     |
| ST 250108                 | 6020000409 | 5            | HBH               | 210009                           | TTS             | 140002    | 89           | 108           | 95         | 95         | 111         | 108       | 102         | 100                                                   | 106         | 107       | 102           | 87       | 99             | 104          | 108     | 95       | 100                 | 108        | 106 | 129         | 103  | 80          | 100     | 108         | 110       | 101       | 105    | 109     | 113   | 113   | 108      | 114     |     |
|                           |            |              |                   |                                  |                 |           | 67           | 69            | 51         | 47         | 29          | 49        | 63          | 24                                                    | 44          | 35        | 21            | 2.06     | -0.1           | 20           | 9.9     | 0.4      | 37                  | 14.5       | 98  | 97          | -20  | -0.7        | 12.6    | -10.0       | -4.4      | 19.5      | 17     | 28      | 1.20  | 0.43  | 0.80     | 0.23    |     |
|                           |            |              |                   |                                  |                 |           |              |               |            |            |             |           |             |                                                       |             |           | 34            | 72       | 56             | 47           | 69      | 51       | 56                  | 51         | 35  | 27          | 9    | 42          | 40      | 34          | 24        | 48        | 39     | 36      | 33    | 37    | 33       | 35      |     |
| ST 250109                 | 99643884   | 10           | TTS               | 190014                           | ST              | 210079    | 102          | 121           | 84         | 91         | 118         | 120       | 113         |                                                       |             | 116       | 112           | 99       | 111            | 110          | 121     | 84       | 97                  | 113        | 112 | 85          | 101  | 82          | 106     | 99          | 121       | 109       | 113    | 113     | 104   | 101   | 100      | 104     |     |
|                           |            |              |                   |                                  |                 |           | 66           | 68            | 45         | 45         | 23          | 46        | 60          |                                                       |             | 22        | 31            | 1.04     | -1.5           | 27           | 15.0    | -3.0     | 29                  | 17.1       | 111 | -11         | -18  | -0.6        | 15.8    | -5.6        | -6.2      | 24.1      | 22     | 31      | 0.53  | -0.42 | -0.11    | 0.10    |     |
|                           |            |              |                   |                                  |                 |           |              |               |            |            |             |           |             |                                                       |             |           | 25            | 72       | 52             | 45           | 68      | 45       | 53                  | 56         | 24  | 16          | 5    | 30          | 29      | 30          | 16        | 45        | 28     | 25      | 21    | 24    | 21       | 22      |     |
| ST 250110                 | 99643892   | 4            | HBH               | 210009                           | ST              | 170050    | 96           | 103           | 123        | 99         | 104         | 115       | 115         | 112                                                   | 114         | 123       | 99            | 99       | 90             | 98           | 103     | 123      | 126                 | 106        | 117 | 99          | 104  | 83          | 99      | 100         | 105       | 109       | 120    | 122     | 115   | 104   | 112      | 116     |     |
|                           |            |              |                   |                                  |                 |           | 67           | 68            | 50         | 48         | 30          | 49        | 62          | 22                                                    | 44          | 34        | 19            | 1.08     | 1.0            | 13           | 7.7     | 9.0      | 97                  | 13.1       | 122 | 23          | -21  | -0.6        | 12.3    | -6.1        | -3.4      | 24.4      | 26     | 37      | 1.37  | -0.24 | 1.37     | 0.25    |     |
|                           |            |              |                   |                                  |                 |           |              |               |            |            |             |           |             |                                                       |             |           | 37            | 72       | 56             | 48           | 68      | 50       | 55                  | 50         | 33  | 24          | 9    | 40          | 38      | 37          | 24        | 48        | 37     | 33      | 32    | 35    | 32       | 34      |     |
| ST 250115                 | 99643900   | 4            | HBH               | 210009                           | ST              | 170001    | 106          | 111           | 104        | 97         | 106         | 115       | 116         | 102                                                   | 113         | 118       | 102           | 107      | 102            | 101          | 111     | 104      | 112                 | 104        | 108 | 99          | 97   | 82          | 100     | 100         | 107       | 107       | 107    | 115     | 115   | 116   | 103      | 103     | 116 |
|                           |            |              |                   |                                  |                 |           | 67           | 68            | 51         | 48         | 30          | 49        | 62          | 23                                                    | 44          | 34        | 21            | 0.40     | -0.4           | 17           | 11.0    | 3.1      | 64                  | 12.5       | 104 | 25          | -15  | -0.6        | 12.9    | -5.7        | -3.8      | 22.8      | 18     | 32      | 1.44  | -0.32 | 0.26     | 0.26    |     |
|                           |            |              |                   |                                  |                 |           |              |               |            |            |             |           |             |                                                       |             |           | 33            | 72       | 56             | 48           | 68      | 51       | 56                  | 52         | 34  | 24          | 9    | 42          | 40      | 36          | 24        | 46        | 39     | 35      | 32    | 36    | 33       | 34      |     |
| ST 250118                 | 6020014491 |              | ST                | 170086                           |                 |           | 95           | 115           | 110        | 84         | 85          | 101       | 117         |                                                       |             | 113       | 115           | 97       | 102            | 117          | 115     | 110      | 113                 | 124        | 110 | 105         |      | 103         | 104     | 88          | 84        | 84        | 119    | 116     | 125   | 88    | 70       | 123     |     |
|                           |            |              |                   |                                  |                 |           | 59           | 59            | 40         | 37         | 20          | 40        | 53          |                                                       |             | 8         | 34            | 1.23     | -0.4           | 34           | 12.5    | 5.2      | 68                  | 22.6       | 108 | 39          | 0.2  | 14.7        | -0.1    | 0.1         | 8.4       | 25        | 33     | 2.08    | -1.40 | -3.77 | 0.36     |         |     |
|                           |            |              |                   |                                  |                 |           |              |               |            |            |             |           |             |                                                       |             |           | 22            | 64       | 46             | 37           | 59      | 40       | 45                  | 38         | 11  | 8           | 14   | 13          | 26      | 15          | 35        | 13        | 12     | 7       | 8     | 7     | 8        |         |     |
| ST 250119                 | 99643918   | 6            | GH                | 210010                           | ST              | 160030    | 102          | 105           | 101        | 89         | 112         | 110       | 103         |                                                       |             | 113       | 112           | 102      | 106            | 112          | 105     | 101      | 100                 | 104        | 110 | 94          | 98   | 89          | 100     | 110         | 110       | 114       | 108    | 107     | 107   | 99    | 102      | 107     |     |
|                           |            |              |                   |                                  |                 |           | 68           | 69            | 51         | 49         | 30          | 50        | 63          |                                                       |             | 18        | 31            | 0.77     | -0.8           | 29           | 8.7     | 2.1      | 36                  | 12.3       | 107 | 11          | -16  | -0.3        | 12.8    | -11.0       | -4.4      | 27.5      | 19     | 27      | 0.78  | -0.61 | 0.15     | 0.14    |     |
|                           |            |              |                   |                                  |                 |           |              |               |            |            |             |           |             |                                                       |             |           | 28            | 73       | 57             | 49           | 69      | 51       | 56                  | 52         | 22  | 16          | 6    | 26          | 25      | 37          | 23        | 48        | 25     | 23      | 17    | 19    | 17       | 18      |     |
| ST 250121                 | 99742637   | 8            | GH                | 210010                           | ST              | 160034    | 110          | 98            | 104        | 98         | 110         | 109       | 102         |                                                       |             | 98        | 102           | 108      | 107            | 101          | 98      | 104      | 103                 | 93         | 97  | 86          |      | 94          | 99      | 102         | 112       | 113       | 94     | 94      | 99    | 105   | 98       | 100     |     |
|                           |            |              |                   |                                  |                 |           | 68           | 58            | 50         | 49         | 28          | 46        | 57          |                                                       |             | 15        | 21            | 0.26     | -1.0           | 17           | 5.6     | 3.4      | 42                  | 6.2        | 81  | -9          | -0.1 | 12.3        | -7.0    | -4.7        | 26.4      | 11        | 19     | 0.21    | -0.15 | -0.33 | 0.03     |         |     |
|                           |            |              |                   |                                  |                 |           |              |               |            |            |             |           |             |                                                       |             |           | 27            | 73       | 57             | 49           | 58      | 50       | 52                  | 53         | 19  | 13          |      | 22          | 22      | 36          | 21        | 46        | 21     | 19      | 14    | 16    | 14       | 15      |     |
| ST 250122                 | 99742645   | 6            | ST                | 200008                           | ST              | 180022    | 99           | 97            | 106        | 101        | 105         | 103       | 99          |                                                       |             | 96        | 97            | 99       | 97             | 97           | 97      | 106      | 105                 | 97         | 102 | 105         |      | 100         | 101     | 89          | 109       | 107       | 105    | 99      | 102   | 96    | 95       | 102     |     |
|                           |            |              |                   |                                  |                 |           | 68           | 58            | 50         | 49         | 28          | 46        | 57          |                                                       |             | 12        | 17            | 1.03     | 0.2            | 13           | 5.1     | 3.9      | 48                  | 8.6        | 91  | 38          | 0.1  | 13.5        | -0.1    | -4.1        | 23.0      | 17        | 22     | 0.43    | -0.82 | -0.76 | 0.06     |         |     |
|                           |            |              |                   |                                  |                 |           |              |               |            |            |             |           |             |                                                       |             |           | 25            | 73       | 57             | 49           | 58      | 50       | 52                  | 50         | 15  | 13          |      | 18          | 18      | 35          | 21        | 46        | 17     | 15      | 11    | 12    | 11       | 12      |     |
| ST 250125                 | 6020014632 | 6            | ST                | 180075                           | AM              | 150021    | 105          | 109           | 83         | 101        | 113         | 109       | 103         | 112                                                   | 110         | 107       | 101           | 99       | 114            | 99           | 109     | 83       | 92                  | 103        | 111 | 90          | 101  | 89          | 91      | 106         | 113       | 104       | 117    | 109     | 108   | 78    | 106      | 106     |     |
|                           |            |              |                   |                                  |                 |           | 70           | 61            | 54         | 51         | 30          | 48        | 60          | 20                                                    | 42          | 26        | 21            | 1.06     | -1.8           | 14           | 10.2    | -3.3     | 16                  | 11.5       | 108 | 3           | -18  | -0.3        | 8.6     | -8.9        | -4.8      | 20.9      | 24     | 28      | 0.88  | -2.08 | 0.57     | 0.12    |     |
|                           |            |              |                   |                                  |                 |           |              |               |            |            |             |           |             |                                                       |             |           | 31            | 75       | 59             | 51           | 61      | 54       | 55                  | 56         | 29  | 14          | 7    | 36          | 34      | 37          | 22        | 50        | 33     | 29      | 25    | 28    | 25       | 26      |     |
| ST 250126                 | 6020014640 | 5            | HBH               | 210009                           | ST              | 170014    | 93           | 116           | 118        | 87         | 105         | 120       | 123         | 118                                                   | 121         | 129       | 115           | 95       | 98             | 112          | 116     | 118      | 123                 | 119        | 122 | 108         | 108  | 85          | 98      | 100         | 106       | 110       | 126    | 129     | 120   | 109   | 110      | 121     |     |
|                           |            |              |                   |                                  |                 |           | 67           | 57            | 49         | 48         | 32          | 46        | 56          | 23                                                    | 41          | 34        | 34            | 1.38     | 0.0            | 29           | 12.9    | 7.5      | 90                  | 20.3       | 132 | 46          | -24  | -0.5        | 12.1    | -6.1        | -3.6      | 25.0      | 29     | 41      | 1.72  | 0.15  | 1.15     | 0.33    |     |
|                           |            |              |                   |                                  |                 |           |              |               |            |            |             |           |             |                                                       |             |           | 35            | 72       | 56             | 48           | 57      | 49       | 51                  | 52         | 35  | 27          | 9    | 42          | 40      | 38          | 25        | 46        | 39     | 35      | 33    | 36    | 33       | 34      |     |
| ST 250129                 | 6020014673 | 6            | ST                | 180075                           | T               | 140060    | 105          | 107           | 103        | 96         | 111         | 115       | 109         |                                                       |             | 109       | 104           | 106      | 101            | 102          | 107     | 103      | 107                 | 110        | 120 | 109         | 111  | 93          | 96      | 99          | 114       | 100       | 126    | 116     | 115   | 85    | 105      | 113     |     |
|                           |            |              |                   |                                  |                 |           | 69           | 60            | 52         | 50         | 29          | 47        | 59          |                                                       |             | 23        | 23            | 0.50     | -0.3           | 18           | 9.3     | 2.9      | 53                  | 15.3       | 126 | 48          | -27  | -0.2        | 10.9    | -5.5        | -5.0      | 18.7      | 29     | 33      | 1.35  | -1.64 | 0.51     | 0.22    |     |
|                           |            |              |                   |                                  |                 |           |              |               |            |            |             |           |             |                                                       |             |           | 27            | 74       | 58             | 50           | 60      | 52       | 54                  | 54         | 24  | 17          | 6    | 31          | 30      | 37          | 21        | 50        | 29     | 24      | 21    | 25    | 21       | 23      |     |

# Breeding Values and Accuracies: Bulls

Inbreeding in red is high

Value <80    Value >120

Breeding values with an accuracy < 5% are not printed

| Animal     |            |              |                   | Selection Value     |              |               |            |          |             |           |             |              |             | Birth     |               |          | Wean           |              |         |          | Growth & Adaptation |            |     |             |     | Fertility   |         |             |           | Frame     |        | Carcass |      |       |          |         |
|------------|------------|--------------|-------------------|---------------------|--------------|---------------|------------|----------|-------------|-----------|-------------|--------------|-------------|-----------|---------------|----------|----------------|--------------|---------|----------|---------------------|------------|-----|-------------|-----|-------------|---------|-------------|-----------|-----------|--------|---------|------|-------|----------|---------|
| ID         | Animal no  | % Inbreeding | Genomic Parentage | Index<br>EBV<br>Acc | Calv. Ease V | Calf Growth V | Milk Value | Maint. V | Fertility V | Cow Value | Wean Calf V | Growth Value | Prod. Value | Carcass V | Cow wt -birth | Birth wt | Cow-Calf birth | Cow wt -wean | Wean wt | Wean mat | Cow-Calf wn         | Post wn wt | ADG | Veld growth | FCR | Skin Thickn | Scrotum | Heifer Fert | Cow Fert. | Longevity | Height | Length  | EMA  | Fat   | Marbling | Dress % |
|            |            |              |                   |                     |              |               |            |          |             |           |             |              |             |           |               |          |                |              |         |          |                     |            |     |             |     |             |         |             |           |           |        |         |      |       |          |         |
| ST 250130  | 6020014681 | 4            | HBH 210009        |                     | 85           | 114           | 109        | 85       | 114         | 118       | 111         | 104          | 116         | 110       | 113           | 88       | 92             | 115          | 114     | 109      | 112                 | 115        | 107 | 111         | 101 | 82          | 97      | 100         | 116       | 114       | 109    | 112     | 114  | 103   | 108      | 114     |
|            |            |              | ST 180065         |                     | 67           | 57            | 48         | 48       | 30          | 45        | 56          | 22           | 40          | 33        | 32            | 1.98     | 0.7            | 32           | 12.1    | 4.8      | 65                  | 18.2       | 102 | 52          | -18 | -0.6        | 11.4    | -6.0        | -5.5      | 27.3      | 19     | 30      | 1.30 | -0.28 | 0.80     | 0.23    |
|            |            |              |                   |                     |              |               |            |          |             |           |             |              |             |           | 32            | 72       | 56             | 48           | 57      | 48       | 51                  | 51         | 32  | 24          | 8   | 40          | 38      | 36          | 23        | 45        | 37     | 33      | 31   | 35    | 32       | 33      |
| TTS 250003 | 98741119   | 6            | GH 150004         |                     | 100          | 107           | 67         | 119      | 79          | 79        | 94          | 98           | 79          | 103       | 86            | 96       | 99             | 84           | 107     | 67       | 79                  | 101        | 99  | 98          | 86  | 98          | 90      | 103         | 73        | 99        | 89     | 88      | 102  | 125   | 118      | 105     |
|            |            |              | TTS 180022        |                     | 69           | 71            | 58         | 58       | 34          | 54        | 67          | 26           | 48          | 41        | 6             | 1.27     | -0.1           | -2           | 9.3     | -8.5     | -13                 | 10.6       | 85  | 21          | -5  | 0.0         | 8.0     | -7.4        | 2.1       | 18.0      | 8      | 15      | 0.42 | 1.28  | 2.00     | 0.10    |
|            |            |              |                   |                     |              |               |            |          |             |           |             |              |             |           | 36            | 73       | 62             | 58           | 71      | 58       | 62                  | 62         | 41  | 28          | 7   | 48          | 46      | 46          | 23        | 54        | 45     | 42      | 39   | 43    | 40       | 41      |
| TTS 250007 | 98741101   | 6            | ST 200008         |                     | 101          | 103           | 101        | 101      | 100         | 103       | 104         |              |             | 112       | 100           | 102      | 95             | 97           | 103     | 101      | 105                 | 102        | 112 | 98          | 99  | 89          | 103     | 105         | 97        | 112       | 111    | 110     | 115  | 98    | 103      | 114     |
|            |            |              | TTS 160035        |                     | 67           | 59            | 51         | 49       | 28          | 46        | 57          |              |             | 18        | 19            | 0.78     | 0.4            | 13           | 7.8     | 2.3      | 48                  | 11.2       | 112 | 22          | -17 | -0.3        | 14.2    | -8.4        | -2.1      | 26.1      | 20     | 29      | 1.34 | -0.70 | 0.22     | 0.24    |
|            |            |              |                   |                     |              |               |            |          |             |           |             |              |             |           | 27            | 72       | 56             | 49           | 59      | 51       | 53                  | 50         | 22  | 25          | 6   | 27          | 26      | 35          | 21        | 46        | 25     | 22      | 17   | 18    | 16       | 18      |
| TTS 250009 | 98820814   | 6            | ST 200008         |                     | 96           | 116           | 88         | 94       | 99          | 104       | 108         |              |             | 109       | 107           | 97       | 99             | 106          | 116     | 88       | 98                  | 112        | 104 | 95          | 94  | 82          | 96      | 96          | 100       | 108       | 108    | 105     | 115  | 94    | 98       | 114     |
|            |            |              | TTS 190002        |                     | 65           | 69            | 51         | 48       | 26          | 48        | 62          |              |             | 18        | 26            | 1.24     | 0.0            | 23           | 13.1    | -2.0     | 32                  | 16.2       | 95  | 13          | -12 | -0.6        | 11.0    | -3.6        | -2.6      | 23.8      | 19     | 26      | 1.33 | -0.94 | -0.37    | 0.23    |
|            |            |              |                   |                     |              |               |            |          |             |           |             |              |             |           | 26            | 70       | 55             | 48           | 69      | 51       | 56                  | 46         | 22  | 25          | 6   | 27          | 26      | 31          | 21        | 46        | 25     | 22      | 17   | 18    | 17       | 18      |
| TTS 250013 | 99167116   | 5            | ST 200033         |                     | 94           | 112           | 98         | 97       | 82          | 94        | 110         |              |             | 108       | 105           | 96       | 95             | 102          | 112     | 98       | 107                 | 115        | 113 | 96          | 108 | 82          | 125     | 100         | 78        | 101       | 109    | 109     | 114  | 90    | 101      | 113     |
|            |            |              | TTS 220057        |                     | 65           | 56            | 43         | 41       | 24          | 42        | 53          |              |             | 23        | 24            | 1.33     | 0.4            | 18           | 11.4    | 1.2      | 52                  | 18.1       | 114 | 16          | -24 | -0.6        | 24.2    | -5.8        | 1.2       | 19.5      | 19     | 28      | 1.31 | -1.21 | 0.02     | 0.22    |
|            |            |              |                   |                     |              |               |            |          |             |           |             |              |             |           | 29            | 71       | 51             | 41           | 56      | 43       | 47                  | 48         | 25  | 19          | 5   | 29          | 28      | 31          | 18        | 45        | 28     | 25      | 22   | 24    | 22       | 23      |
| TTS 250014 | 99167124   | 6            | ST 200033         |                     | 92           | 110           | 114        | 94       | 84          | 101       | 117         | 108          | 101         | 107       | 106           | 91       | 98             | 104          | 110     | 114      | 120                 | 111        | 118 | 93          | 110 | 103         | 123     | 85          | 84        | 99        | 112    | 110     | 115  | 94    | 105      | 115     |
|            |            |              | TTS 220041        |                     | 65           | 66            | 45         | 45       | 24          | 45        | 59          | 21           | 40          | 22        | 26            | 1.69     | 0.0            | 20           | 10.7    | 6.5      | 84                  | 15.9       | 123 | 9           | -26 | 0.2         | 23.3    | 1.8         | 0.1       | 18.0      | 21     | 29      | 1.39 | -0.93 | 0.46     | 0.24    |
|            |            |              |                   |                     |              |               |            |          |             |           |             |              |             |           | 30            | 71       | 52             | 45           | 66      | 45       | 52                  | 49         | 25  | 18          | 15  | 30          | 29      | 30          | 17        | 45        | 28     | 25      | 21   | 23    | 21       | 22      |
| TTS 250018 | 99167165   | 4            | ST 200033         |                     | 93           | 108           | 98         | 96       | 87          | 94        | 104         |              |             | 107       | 106           | 95       | 92             | 103          | 108     | 98       | 104                 | 116        | 112 | 98          | 110 | 81          | 122     | 102         | 82        | 101       | 109    | 107     | 115  | 90    | 102      | 114     |
|            |            |              | TTS 220054        |                     | 65           | 65            | 45         | 46       | 24          | 45        | 59          |              |             | 24        | 25            | 1.37     | 0.7            | 19           | 9.9     | 1.4      | 45                  | 18.5       | 111 | 22          | -26 | -0.6        | 23.1    | -7.1        | 0.4       | 19.4      | 19     | 27      | 1.35 | -1.25 | 0.07     | 0.22    |
|            |            |              |                   |                     |              |               |            |          |             |           |             |              |             |           | 29            | 71       | 53             | 46           | 65      | 45       | 52                  | 48         | 25  | 20          | 5   | 30          | 29      | 31          | 18        | 45        | 28     | 25      | 22   | 25    | 23       | 24      |
| TTS 250021 | 99642282   | 5            | ST 200033         |                     | 82           | 119           | 94         | 103      | 87          | 100       | 115         |              |             | 106       | 99            | 80       | 92             | 95           | 119     | 94       | 112                 | 119        | 108 | 102         | 101 | 88          | 114     | 102         | 83        | 101       | 103    | 105     | 107  | 97    | 115      | 107     |
|            |            |              | TTS 220016        |                     | 65           | 56            | 42         | 41       | 26          | 42        | 53          |              |             | 26        | 18            | 2.64     | 0.7            | 11           | 14.2    | 0.0      | 63                  | 20.1       | 103 | 30          | -18 | -0.4        | 19.3    | -7.0        | 0.4       | 19.5      | 16     | 26      | 0.78 | -0.74 | 1.64     | 0.13    |
|            |            |              |                   |                     |              |               |            |          |             |           |             |              |             |           | 29            | 71       | 51             | 41           | 56      | 42       | 46                  | 51         | 27  | 16          | 5   | 31          | 30      | 35          | 18        | 44        | 30     | 27      | 25   | 27    | 25       | 26      |
| TTS 250029 | 99642340   | 5            | ST 200008         |                     | 88           | 108           | 104        | 98       | 93          | 101       | 107         |              |             | 114       | 102           | 92       | 85             | 100          | 108     | 104      | 110                 | 108        | 119 | 99          | 107 | 86          | 113     | 105         | 90        | 109       | 114    | 112     | 116  | 96    | 95       | 116     |
|            |            |              | TTS 200032        |                     | 67           | 57            | 44         | 42       | 26          | 43        | 54          |              |             | 20        | 21            | 1.61     | 1.6            | 16           | 9.9     | 3.1      | 61                  | 14.5       | 125 | 24          | -23 | -0.5        | 19.0    | -8.4        | -0.8      | 23.9      | 22     | 30      | 1.45 | -0.80 | -0.72    | 0.26    |
|            |            |              |                   |                     |              |               |            |          |             |           |             |              |             |           | 24            | 72       | 53             | 42           | 57      | 44       | 48                  | 49         | 21  | 18          | 5   | 26          | 25      | 34          | 18        | 44        | 24     | 22      | 18   | 21    | 19       | 20      |
| TTS 250038 | 99643769   | 7            | TTS 190014        |                     | 112          | 110           | 83         | 105      | 116         | 115       | 106         |              |             | 105       | 97            | 111      | 104            | 95           | 110     | 83       | 93                  | 109        | 104 | 108         | 100 | 76          | 105     | 108         | 116       | 113       | 101    | 102     | 101  | 114   | 102      | 102     |
|            |            |              | TTS 180005        |                     | 66           | 58            | 49         | 47       | 25          | 44        | 56          |              |             | 24        | 17            | 0.01     | -0.6           | 10           | 10.4    | -3.5     | 20                  | 14.7       | 96  | 46          | -17 | -0.8        | 15.2    | -10.1       | -5.4      | 26.5      | 15     | 24      | 0.31 | 0.51  | 0.18     | 0.07    |
|            |            |              |                   |                     |              |               |            |          |             |           |             |              |             |           | 30            | 71       | 55             | 47           | 58      | 49       | 51                  | 54         | 28  | 28          | 6   | 34          | 33      | 31          | 19        | 47        | 32     | 28      | 23   | 26    | 23       | 24      |
| TTS 250039 | 99643777   | 6            | TTS 190014        |                     | 105          | 115           | 81         | 102      | 113         | 114       | 108         |              |             | 106       | 100           | 102      | 107            | 98           | 115     | 81       | 94                  | 112        | 109 | 108         | 99  | 82          | 103     | 108         | 112       | 108       | 102    | 104     | 99   | 120   | 109      | 101     |
|            |            |              | TTS 210010        |                     | 65           | 58            | 43         | 41       | 24          | 42        | 54          |              |             | 28        | 19            | 0.82     | -1.0           | 14           | 12.6    | -4.2     | 22                  | 16.7       | 105 | 45          | -17 | -0.6        | 14.0    | -10.0       | -4.7      | 23.7      | 15     | 25      | 0.19 | 0.89  | 0.91     | 0.05    |
|            |            |              |                   |                     |              |               |            |          |             |           |             |              |             |           | 26            | 71       | 52             | 41           | 58      | 43       | 47                  | 56         | 30  | 20          | 5   | 36          | 35      | 33          | 16        | 45        | 34     | 30      | 27   | 30    | 27       | 28      |
| TTS 250041 | 6020014970 | 8            | ST 180075         |                     | 115          | 111           | 87         | 108      | 91          | 102       | 114         |              |             | 109       | 96            | 109      | 116            | 91           | 111     | 87       | 101                 | 105        | 112 | 108         | 102 | 87          | 99      | 91          | 91        | 103       | 115    | 112     | 118  | 87    | 102      | 116     |
|            |            |              | TTS 150018        |                     | 67           | 59            | 51         | 48       | 28          | 46        | 57          |              |             | 22        | 15            | 0.20     | -2.0           | 6            | 11.1    | -2.1     | 38                  | 12.7       | 110 | 45          | -19 | -0.4        | 12.4    | -1.2        | -1.1      | 20.1      | 22     | 30      | 1.55 | -1.49 | 0.16     | 0.26    |
|            |            |              |                   |                     |              |               |            |          |             |           |             |              |             |           | 27            | 72       | 56             | 48           | 59      | 51       | 53                  | 56         | 23  | 12          | 7   | 31          | 29      | 36          | 20        | 49        | 28     | 24      | 20   | 23    | 20       | 22      |

# Breeding Values and Accuracies: Bulls

Inbreeding in red is high

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

| Animal     |            |              |                      |                                  | Selection Value |        |              |               |            |          |             |           |             |              |             | Birth     |              |          | Wean           |              |         |          | Growth & Adaptation |            |     |             |      | Fertility   |         |             |           | Frame     |        | Carcass |       |       |          |         |
|------------|------------|--------------|----------------------|----------------------------------|-----------------|--------|--------------|---------------|------------|----------|-------------|-----------|-------------|--------------|-------------|-----------|--------------|----------|----------------|--------------|---------|----------|---------------------|------------|-----|-------------|------|-------------|---------|-------------|-----------|-----------|--------|---------|-------|-------|----------|---------|
| ID         | Animal no  | % Inbreeding | Genomic<br>Parentage | <div>Index<br/>EBV<br/>Acc</div> | Sire ID         | Dam ID | Calv. Ease V | Calf Growth V | Milk Value | Maint. V | Fertility V | Cow Value | Wean Calf V | Growth Value | Prod. Value | Carcass V | Cow wt -brth | Birth wt | Cow-Calf birth | Cow wt -wean | Wean wt | Wean mat | Cow-Calf wn         | Post wn wt | ADG | Veld growth | FCR  | Skin Thickn | Scrotum | Heifer Fert | Cow Fert. | Longevity | Height | Length  | EMA   | Fat   | Marbling | Dress % |
|            |            |              |                      |                                  |                 |        |              |               |            |          |             |           |             |              |             |           |              |          |                |              |         |          |                     |            |     |             |      |             |         |             |           |           |        |         |       |       |          |         |
| ST 260003  | 6020438799 | 12           | ST 200033            |                                  | ST 200039       |        | 84           | 119           | 106        | 91       | 91          | 107       | 119         |              |             | 114       | 111          | 85       | 93             | 108          | 119     | 106      | 117                 | 124        | 117 | 89          | 105  | 88          | 117     | 96          | 89        | 108       | 117    | 116     | 116   | 85    | 110      | 114     |
|            |            |              |                      |                                  |                 |        | 66           | 57            | 47         | 47       | 28          | 45        | 55          |              |             | 18        | 30           | 2.22     | 0.6            | 25           | 14.4    | 3.9      | 77                  | 22.6       | 122 | -1          | -22  | -0.4        | 20.8    | -3.8        | -0.8      | 23.7      | 24     | 33      | 1.43  | -1.62 | 1.04     | 0.24    |
|            |            |              |                      |                                  |                 |        |              |               |            |          |             |           |             |              |             |           | 29           | 71       | 54             | 47           | 57      | 47       | 50                  | 52         | 21  | 18          | 6    | 25          | 24      | 36          | 21        | 46        | 24     | 22      | 18    | 19    | 18       | 18      |
| ST 260004  | 6020438807 | 5            | ST 200033            |                                  | ST 200053       |        | 84           | 123           | 105        | 92       | 94          | 111       | 123         |              |             | 111       | 111          | 83       | 98             | 107          | 123     | 105      | 119                 | 122        | 110 | 88          | 104  | 81          | 124     | 95          | 94        | 101       | 111    | 115     | 108   | 86    | 106      | 107     |
|            |            |              |                      |                                  |                 |        | 63           | 57            | 46         | 47       | 26          | 43        | 55          |              |             | 22        | 30           | 2.43     | 0.1            | 24           | 15.9    | 3.5      | 82                  | 21.9       | 107 | -4          | -20  | -0.6        | 24.1    | -3.2        | -1.5      | 19.2      | 21     | 32      | 0.84  | -1.54 | 0.60     | 0.13    |
|            |            |              |                      |                                  |                 |        |              |               |            |          |             |           |             |              |             |           | 30           | 68       | 53             | 47           | 57      | 46       | 50                  | 52         | 24  | 15          | 5    | 29          | 28      | 34          | 19        | 44        | 27     | 25      | 21    | 23    | 21       | 22      |
| ST 260005  | 6020438815 | 13           | ST 200033            |                                  | ST 200045       |        | 87           | 121           | 111        | 92       | 87          | 108       | 125         |              |             | 109       | 111          | 86       | 97             | 107          | 121     | 111      | 123                 | 124        | 116 | 95          | 105  | 87          | 116     | 92          | 86        | 104       | 118    | 117     | 113   | 83    | 102      | 111     |
|            |            |              |                      |                                  |                 |        | 66           | 57            | 47         | 47       | 28          | 45        | 55          |              |             | 20        | 30           | 2.13     | 0.2            | 23           | 15.1    | 5.3      | 91                  | 22.5       | 119 | 15          | -22  | -0.4        | 20.3    | -1.7        | -0.2      | 21.1      | 24     | 34      | 1.21  | -1.75 | 0.08     | 0.19    |
|            |            |              |                      |                                  |                 |        |              |               |            |          |             |           |             |              |             |           | 29           | 71       | 54             | 47           | 57      | 47       | 50                  | 52         | 22  | 15          | 6    | 26          | 25      | 35          | 20        | 45        | 25     | 22      | 19    | 21    | 19       | 20      |
| ST 260006  | 6020481807 | 4            | ST 200033            |                                  | ST 170083       |        | 106          | 116           | 104        | 95       | 87          | 106       | 122         |              |             | 109       | 108          | 100      | 116            | 104          | 116     | 104      | 115                 | 113        | 108 | 80          |      | 91          | 119     | 93          | 86        | 102       | 113    | 112     | 115   | 86    | 106      | 114     |
|            |            |              |                      |                                  |                 |        | 66           | 58            | 50         | 48       | 27          | 45        | 56          |              |             | 16        | 27           | 0.96     | -2.0           | 20           | 13.0    | 3.1      | 70                  | 17.1       | 103 | -22         | -0.3 | 21.7        | -2.6    | -0.2        | 20.0      | 22        | 30     | 1.39    | -1.53 | 0.58  | 0.23     |         |
|            |            |              |                      |                                  |                 |        |              |               |            |          |             |           |             |              |             |           | 29           | 71       | 55             | 48           | 58      | 50       | 52                  | 52         | 20  | 14          |      | 24          | 23      | 34          | 20        | 47        | 22     | 20      | 16    | 17    | 16       | 16      |
| ST 260007  | 6020482011 | 13           | ST 200033            |                                  | ST 200002       |        | 85           | 121           | 102        | 97       | 97          | 111       | 120         |              |             | 115       | 106          | 86       | 91             | 101          | 121     | 102      | 118                 | 124        | 119 | 101         | 108  | 91          | 119     | 104         | 93        | 104       | 118    | 117     | 114   | 87    | 107      | 113     |
|            |            |              |                      |                                  |                 |        | 67           | 58            | 49         | 48       | 28          | 45        | 56          |              |             | 18        | 25           | 2.11     | 0.9            | 17           | 14.9    | 2.6      | 78                  | 23.0       | 126 | 29          | -24  | -0.3        | 21.5    | -8.1        | -1.4      | 20.9      | 24     | 34      | 1.29  | -1.49 | 0.75     | 0.21    |
|            |            |              |                      |                                  |                 |        |              |               |            |          |             |           |             |              |             |           | 30           | 72       | 55             | 48           | 58      | 49       | 52                  | 52         | 21  | 15          | 6    | 24          | 23      | 35          | 21        | 46        | 23     | 21      | 17    | 18    | 17       | 18      |
| ST 260008  | 6020482029 | 5            | ST 200033            |                                  | ST 210121       |        | 86           | 120           | 106        | 97       | 82          | 103       | 122         |              |             | 106       | 104          | 86       | 92             | 101          | 120     | 106      | 122                 | 117        | 109 | 95          | 103  | 90          | 118     | 87          | 82        | 97        | 110    | 111     | 106   | 82    | 101      | 104     |
|            |            |              |                      |                                  |                 |        | 65           | 57            | 45         | 41       | 25          | 43        | 54          |              |             | 20        | 24           | 2.13     | 0.8            | 17           | 14.7    | 4.0      | 87                  | 19.1       | 106 | 15          | -20  | -0.3        | 21.1    | 0.8         | 0.5       | 16.6      | 20     | 30      | 0.71  | -1.82 | 0.05     | 0.10    |
|            |            |              |                      |                                  |                 |        |              |               |            |          |             |           |             |              |             |           | 28           | 71       | 52             | 41           | 57      | 45       | 48                  | 51         | 22  | 14          | 6    | 26          | 25      | 31          | 19        | 45        | 25     | 22      | 19    | 21    | 19       | 20      |
| ST 260009  | 6020691983 | 5            | ST 200033            |                                  | ST 210023       |        | 78           | 112           | 107        | 95       | 88          | 99        | 110         |              |             | 105       | 106          | 82       | 84             | 103          | 112     | 107      | 115                 | 114        | 109 | 90          |      | 86          | 125     | 100         | 85        | 102       | 106    | 105     | 112   | 89    | 99       | 111     |
|            |            |              |                      |                                  |                 |        | 65           | 55            | 47         | 47       | 24          | 43        | 54          |              |             | 22        | 25           | 2.52     | 1.7            | 19           | 11.6    | 4.1      | 72                  | 17.7       | 106 | 1           | -0.5 | 24.4        | -5.7    | -0.1        | 19.8      | 18        | 26     | 1.17    | -1.33 | -0.19 | 0.19     |         |
|            |            |              |                      |                                  |                 |        |              |               |            |          |             |           |             |              |             |           | 29           | 70       | 54             | 47           | 55      | 47       | 50                  | 48         | 23  | 16          |      | 28          | 27      | 31          | 18        | 44        | 26     | 24      | 21    | 24    | 21       | 22      |
| TTS 260002 | 6020331523 | 5            | ADM 210028           |                                  | TTS 200008      |        | 91           | 115           | 86         | 87       | 111         | 108       | 101         | 135          | 113         | 127       | 114          | 93       | 96             | 115          | 115     | 86       | 93                  | 123        | 144 | 109         | 128  | 62          | 139     | 112         | 109       | 101       | 134    | 128     | 122   | 81    | 100      | 121     |
|            |            |              |                      |                                  |                 |        | 57           | 57            | 47         | 47       | 24          | 42        | 54          | 22           | 38          | 36        | 33           | 1.52     | 0.3            | 32           | 12.7    | -2.5     | 19                  | 22.1       | 174 | 49          | -42  | -1.4        | 31.0    | -11.9       | -4.2      | 19.4      | 34     | 41      | 1.90  | -1.90 | -0.12    | 0.32    |
|            |            |              |                      |                                  |                 |        |              |               |            |          |             |           |             |              |             |           | 31           | 60       | 50             | 47           | 57      | 47       | 50                  | 48         | 35  | 26          | 5    | 43          | 41      | 32          | 17        | 43        | 40     | 35      | 34    | 38    | 34       | 36      |

# Breeding Values and Accuracies: Cows & Heifers

| Animal                 |              |                        |                     | Selection Values  |              |               |            |           |             |           |             |              |             | Birth     |               |              | Wean           |              |             |             | Growth & Adaptability |             |            |             |            | Fertility  |             |              |             | Frame       |           | Carcass   |             |              |              |             |
|------------------------|--------------|------------------------|---------------------|-------------------|--------------|---------------|------------|-----------|-------------|-----------|-------------|--------------|-------------|-----------|---------------|--------------|----------------|--------------|-------------|-------------|-----------------------|-------------|------------|-------------|------------|------------|-------------|--------------|-------------|-------------|-----------|-----------|-------------|--------------|--------------|-------------|
| ID<br>Animal no        | % Inbreeding | Genomic<br>Parentage   | Index<br>EBV<br>Acc | Sire ID<br>Dam ID | Calv. Ease V | Calf Growth V | Milk Value | Maint. V  | Fertility V | Cow Value | Wean Calf V | Growth Value | Prod. Value | Carcass V | Cow wt -birth | Birth wt     | Cow-Calf birth | Cow wt -wean | Wean dir    | Wean mat    | Cow-Calf wn           | Post wn wt  | ADG        | Veld growth | FCR        | Skin Thckn | Scrotum     | Heifer Fert  | Cow Fert.   | Longevity   | Height    | Length    | EMA         | Fat          | Marbling     | Dress %     |
|                        |              |                        |                     |                   |              |               |            |           |             |           |             |              |             |           |               |              |                |              |             |             |                       |             |            |             |            |            |             |              |             |             |           |           |             |              |              |             |
| CR 100093<br>72117369  | 10           | CR 070038<br>CR 070075 |                     |                   | 109<br>84    | 94<br>78      | 77<br>82   | 104<br>73 | 102<br>44   | 88<br>66  | 81<br>79    | 102<br>26    | 88<br>58    | 83<br>34  | 94<br>14      | 110<br>0.15  | 101<br>-0.3    | 96<br>12     | 94<br>3.9   | 77<br>-5.2  | 74<br>-24             | 106<br>13.1 | 93<br>73   | 127<br>91   | 92<br>-10  | 98<br>0.0  | 85<br>5.9   | 85<br>1.6    | 106<br>-3.7 | 86<br>9.8   | 97<br>12  | 87<br>14  | 93<br>-0.24 | 114<br>0.46  | 93<br>-0.94  | 94<br>-0.04 |
| T 110118<br>73766107   | 4            | HBH 080115<br>T 080079 |                     |                   | 115<br>82    | 93<br>79      | 98<br>83   | 127<br>76 | 102<br>40   | 105<br>65 | 104<br>80   | 94<br>23     | 102<br>57   | 91<br>18  | 74<br>-5      | 117<br>-0.49 | 92<br>0.7      | 78<br>-8     | 93<br>3.7   | 98<br>1.4   | 104<br>45             | 90<br>4.8   | 94<br>74   | 104<br>36   | 99<br>-16  | 103<br>0.2 | 114<br>19.1 | 96<br>-3.7   | 103<br>-3.2 | 111<br>25.6 | 96<br>12  | 90<br>16  | 97<br>0.02  | 102<br>-0.37 | 97<br>-0.54  | 97<br>-0.01 |
| T 130053<br>78112976   | 4            | AM 070053<br>T 08038W  |                     |                   | 75<br>81     | 96<br>78      | 96<br>82   | 131<br>76 | 87<br>40    | 87<br>65  | 93<br>79    | 103<br>24    | 87<br>57    | 107<br>26 | 77<br>-3      | 81<br>2.55   | 55<br>4.9      | 75<br>-11    | 96<br>4.7   | 96<br>0.8   | 105<br>49             | 87<br>3.3   | 105<br>98  | 91<br>4     | 102<br>-19 | 82<br>-0.6 | 105<br>15.4 | 115<br>-13.5 | 78<br>1.1   | 93<br>14.3  | 107<br>18 | 103<br>25 | 100<br>0.29 | 107<br>-0.05 | 111<br>1.26  | 101<br>0.06 |
| JDV 140024<br>79978078 | 8            | AM 080069<br>AM 080026 |                     |                   | 121<br>80    | 96<br>72      | 55<br>79   | 132<br>76 | 75<br>32    | 70<br>60  | 85<br>75    | 62<br>24     | 63<br>53    | 78<br>27  | 75<br>-5      | 116<br>-0.40 | 112<br>-1.5    | 76<br>-10    | 96<br>4.8   | 55<br>-12.1 | 59<br>-60             | 78<br>-1.4  | 66<br>20   | 79<br>-26   | 73<br>6    | 68<br>-1.2 | 78<br>2.8   | 79<br>4.6    | 76<br>1.6   | 96<br>15.9  | 91<br>9   | 80<br>10  | 102<br>0.42 | 92<br>-1.12  | 79<br>-2.68  | 101<br>0.05 |
| ST 140012<br>80359870  | 6            | CR 080026<br>R 080088  |                     |                   | 103<br>81    | 111<br>79     | 101<br>83  | 90<br>77  | 104<br>40   | 110<br>65 | 111<br>80   |              |             | 91<br>14  | 108<br>27     | 101<br>0.90  | 109<br>-1.2    | 110<br>27    | 111<br>10.8 | 101<br>2.4  | 105<br>48             | 107<br>13.7 | 101<br>89  | 111<br>54   |            | 109<br>0.5 | 104<br>14.8 | 87<br>0.6    | 109<br>-4.1 | 103<br>20.4 | 105<br>17 | 102<br>24 | 103<br>0.50 | 99<br>-0.61  | 87<br>-1.67  | 103<br>0.08 |
| ST 140017<br>80511223  | 7            | R 100131<br>CR 100050  |                     |                   | 101<br>80    | 107<br>76     | 71<br>78   | 99<br>76  | 109<br>39   | 98<br>63  | 88<br>77    |              |             | 90<br>19  | 101<br>20     | 104<br>0.65  | 94<br>0.5      | 102<br>18    | 107<br>9.2  | 71<br>-7.1  | 77<br>-18             | 101<br>10.8 | 86<br>59   | 90<br>2     | 84<br>-3   | 104<br>0.3 | 92<br>9.2   | 98<br>-4.6   | 110<br>-4.4 | 102<br>20.1 | 92<br>10  | 85<br>13  | 104<br>0.57 | 102<br>-0.37 | 91<br>-1.16  | 104<br>0.09 |
| T 140139<br>80256803   | 4            | T 100032<br>T 100025   |                     |                   | 108<br>81    | 103<br>78     | 96<br>82   | 111<br>77 | 87<br>38    | 95<br>64  | 107<br>79   |              |             | 103<br>12 | 89<br>9       | 103<br>0.73  | 109<br>-1.2    | 88<br>3      | 103<br>7.6  | 96<br>0.8   | 105<br>47             | 98<br>9.3   | 107<br>101 | 84<br>-14   |            | 94<br>-0.1 | 115<br>19.9 | 89<br>-0.2   | 88<br>-0.5  | 102<br>19.5 | 108<br>19 | 110<br>29 | 109<br>0.95 | 102<br>-0.40 | 90<br>-1.30  | 109<br>0.17 |
| TTS 140005<br>81259491 | 9            | H 030073<br>W 060052   |                     |                   | 99<br>79     | 98<br>78      | 98<br>81   | 97<br>77  | 84<br>47    | 85<br>66  | 95<br>79    | 98<br>32     | 85<br>59    | 90<br>36  | 101<br>21     | 97<br>1.26   | 124<br>-2.9    | 101<br>17    | 98<br>5.6   | 98<br>1.5   | 97<br>28              | 82<br>0.7   | 104<br>94  | 104<br>37   | 103<br>-20 | 104<br>0.3 | 106<br>15.4 | 88<br>0.4    | 85<br>0.1   | 95<br>15.2  | 105<br>17 | 100<br>23 | 72<br>-1.76 | 83<br>-1.75  | 94<br>-0.86  | 71<br>-0.36 |
| AM 150021<br>83223859  | 5            | AM 090036<br>H 060082  |                     |                   | 116<br>82    | 85<br>79      | 67<br>82   | 112<br>78 | 133<br>42   | 102<br>66 | 69<br>80    | 90<br>29     | 98<br>59    | 82<br>36  | 87<br>7       | 114<br>-0.20 | 133<br>-3.9    | 89<br>4      | 85<br>0.3   | 67<br>-8.4  | 59<br>-60             | 75<br>-3.1  | 87<br>62   | 76<br>-33   | 89<br>-8   | 90<br>-0.3 | 84<br>5.4   | 120<br>-15.7 | 133<br>-8.4 | 100<br>18.6 | 91<br>9   | 82<br>11  | 73<br>-1.74 | 75<br>-2.30  | 100<br>-0.14 | 71<br>-0.37 |
| ST 150002<br>80840895  | 5            | R 100021<br>R 090017   |                     |                   | 118<br>79    | 87<br>78      | 99<br>82   | 102<br>76 | 85<br>41    | 82<br>65  | 88<br>79    |              |             | 67<br>14  | 95<br>15      | 118<br>-0.54 | 107<br>-1.0    | 96<br>12     | 87<br>1.1   | 99<br>1.5   | 90<br>12              | 91<br>5.5   | 77<br>42   | 115<br>64   |            | 91<br>-0.3 | 88<br>7.3   | 93<br>-2.1   | 83<br>0.3   | 105<br>21.8 | 84<br>5   | 77<br>8   | 76<br>-1.50 | 90<br>-1.22  | 94<br>-0.82  | 75<br>-0.31 |
| ST 150009<br>81138489  | 6            | H 090001<br>R 090094   |                     |                   | 92<br>81     | 88<br>80      | 90<br>84   | 111<br>80 | 137<br>48   | 111<br>68 | 78<br>81    | 93<br>22     | 107<br>59   | 87<br>28  | 86<br>6       | 93<br>1.52   | 86<br>1.4      | 89<br>4      | 88<br>1.4   | 90<br>-1.2  | 85<br>1               | 96<br>8.1   | 94<br>76   | 117<br>68   | 97<br>-14  | 96<br>0.0  | 90<br>8.2   | 113<br>-12.2 | 139<br>-9.4 | 109<br>24.4 | 92<br>10  | 91<br>17  | 99<br>0.21  | 94<br>-0.94  | 105<br>0.43  | 98<br>0.02  |
| ST 150012<br>81138513  | 7            | R 100021<br>R 100303   |                     |                   | 112<br>80    | 90<br>77      | 75<br>81   | 103<br>75 | 91<br>41    | 76<br>64  | 74<br>78    |              |             | 82<br>15  | 96<br>15      | 116<br>-0.34 | 96<br>0.3      | 97<br>13     | 90<br>2.2   | 75<br>-5.9  | 69<br>-38             | 91<br>5.3   | 89<br>65   | 106<br>42   | 92<br>-10  | 103<br>0.2 | 87<br>6.9   | 86<br>1.0    | 92<br>-1.3  | 108<br>23.3 | 94<br>11  | 84<br>12  | 93<br>-0.29 | 89<br>-1.32  | 94<br>-0.84  | 91<br>-0.08 |

# Breeding Values and Accuracies: Cows & Heifers

Value <80    Value >120

Breeding values with an accuracy < 5% are not printed

| Animal                 |              |                      |                     | Selection Values |               |            |          |             |           |             |              |             |           | Birth         |          |                | Wean         |          |          |             | Growth & Adaptability |     |             |      |             | Fertility |             |           |           | Frame  |        | Carcass |       |          |         |
|------------------------|--------------|----------------------|---------------------|------------------|---------------|------------|----------|-------------|-----------|-------------|--------------|-------------|-----------|---------------|----------|----------------|--------------|----------|----------|-------------|-----------------------|-----|-------------|------|-------------|-----------|-------------|-----------|-----------|--------|--------|---------|-------|----------|---------|
| ID<br>Animal no        | % Inbreeding | Genomic<br>Parentage | Index<br>EBV<br>Acc | Calv. Ease V     | Calf Growth V | Milk Value | Maint. V | Fertility V | Cow Value | Wean Calf V | Growth Value | Prod. Value | Carcass V | Cow wt -birth | Birth wt | Cow-Calf birth | Cow wt -wean | Wean dir | Wean mat | Cow-Calf wn | Post wn wt            | ADG | Veld growth | FCR  | Skin Thickn | Scrotum   | Heifer Fert | Cow Fert. | Longevity | Height | Length | EMA     | Fat   | Marbling | Dress % |
|                        |              |                      | Sire ID<br>Dam ID   |                  |               |            |          |             |           |             |              |             |           |               |          |                |              |          |          |             |                       |     |             |      |             |           |             |           |           |        |        |         |       |          |         |
| ST 150015<br>81614521  | 9            | R                    | 100021              | 118              | 84            | 92         | 97       | 110         | 93        | 78          |              |             | 72        | 98            | 120      | 106            | 102          | 84       | 92       | 79          | 86                    | 79  | 100         |      | 91          | 84        | 102         | 110       | 105       | 85     | 76     | 80      | 95    | 95       | 80      |
|                        |              | R                    | 090082              | 79               | 76            | 79         | 75       | 40          | 63        | 77          |              |             | 14        | 18            | -0.72    | -0.9           | 18           | -0.2     | -0.5     | -13         | 2.6                   | 46  | 25          | -0.3 | 5.6         | -7.0      | -4.4        | 21.8      | 6         | 7      | -1.17  | -0.90   | -0.74 | -0.24    |         |
|                        |              |                      |                     |                  |               |            |          |             |           |             |              |             |           | 32            | 80       | 77             | 75           | 76       | 79       | 77          | 59                    | 23  | 18          |      | 26          | 48        | 32          | 64        | 26        | 23     | 13     | 15      | 13    | 14       |         |
| ST 150023<br>82496217  | 5            | AM                   | 110165              | 115              | 97            | 94         | 137      | 102         | 109       | 111         | 83           | 103         | 86        | 71            | 110      | 104            | 69           | 97       | 94       | 108         | 91                    | 89  | 86          | 88   | 80          | 102       | 103         | 100       | 102       | 78     | 90     | 98      | 85    | 110      | 97      |
|                        |              | AM                   | 120066              | 79               | 73            | 81         | 77       | 37          | 62        | 76          | 22           | 54          | 32        | -9            | 0.14     | -0.6           | -18          | 5.3      | 0.0      | 54          | 5.1                   | 65  | -9          | -7   | -0.7        | 13.8      | -7.5        | -2.7      | 19.9      | 1      | 16     | 0.14    | -1.63 | 1.12     | -0.01   |
|                        |              |                      |                     |                  |               |            |          |             |           |             |              |             |           | 41            | 80       | 78             | 77           | 73       | 81       | 77          | 66                    | 34  | 21          | 8    | 40          | 39        | 47          | 27        | 65        | 38     | 34     | 30      | 33    | 31       | 32      |
| ST 150031<br>82831496  | 3            | T                    | 110098              | 97               | 98            | 123        | 98       | 78          | 93        | 109         |              |             | 115       | 104           | 101      | 88             | 98           | 98       | 123      | 122         | 108                   | 122 | 107         | 114  | 99          | 107       | 93          | 76        | 106       | 125    | 119    | 108     | 91    | 100      | 107     |
|                        |              | T                    | 090061              | 79               | 76            | 79         | 76       | 42          | 64        | 77          |              |             | 15        | 24            | 0.86     | 1.2            | 14           | 5.7      | 9.1      | 87          | 14.4                  | 131 | 44          | -30  | 0.1         | 15.9      | -2.4        | 1.5       | 22.1      | 29     | 35     | 0.85    | -1.20 | -0.13    | 0.14    |
|                        |              |                      |                     |                  |               |            |          |             |           |             |              |             |           | 43            | 80       | 77             | 76           | 76       | 79       | 77          | 75                    | 22  | 17          | 7    | 27          | 26        | 52          | 31        | 65        | 25     | 22     | 14      | 16    | 14       | 15      |
| ST 150032<br>82831504  | 8            | R                    | 090088              | 88               | 83            | 98         | 137      | 113         | 100       | 86          |              |             | 78        | 71            | 90       | 66             | 69           | 83       | 98       | 99          | 74                    | 72  | 72          |      | 100         | 92        | 104         | 113       | 104       | 77     | 71     | 89      | 104   | 99       | 89      |
|                        |              | CR                   | 090098              | 80               | 77            | 81         | 76       | 41          | 64        | 78          |              |             | 15        | -9            | 1.77     | 3.7            | -18          | -0.5     | 1.4      | 35          | -3.5                  | 32  | -42         |      | 0.1         | 9.2       | -7.8        | -5.0      | 21.2      | 1      | 4      | -0.55   | -0.26 | -0.25    | -0.11   |
|                        |              |                      |                     |                  |               |            |          |             |           |             |              |             |           | 37            | 81       | 77             | 76           | 77       | 81       | 78          | 74                    | 21  | 21          |      | 24          | 52        | 30          | 67        | 23        | 21     | 14     | 16      | 14    | 15       |         |
| ST 150043<br>83049460  | 8            | R                    | 090088              | 79               | 87            | 100        | 136      | 114         | 102       | 87          |              |             | 83        | 70            | 86       | 52             | 70           | 87       | 100      | 104         | 79                    | 82  | 77          | 78   | 100         | 90        | 117         | 111       | 111       | 87     | 81     | 92      | 103   | 95       | 92      |
|                        |              | CR                   | 080015              | 80               | 77            | 81         | 77       | 44          | 65        | 78          |              |             | 15        | -9            | 2.19     | 5.3            | -17          | 1.0      | 1.9      | 46          | -0.7                  | 51  | -30         | 2    | 0.1         | 8.3       | -14.6       | -4.5      | 25.4      | 7      | 10     | -0.35   | -0.31 | -0.69    | -0.08   |
|                        |              |                      |                     |                  |               |            |          |             |           |             |              |             |           | 39            | 81       | 78             | 77           | 77       | 81       | 78          | 74                    | 22  | 20          | 5    | 25          | 25        | 55          | 32        | 67        | 24     | 22     | 14      | 16    | 14       | 15      |
| TTS 150017<br>82280876 | 5            | HBH                  | 120014              | 78               | 95            | 99         | 115      | 88          | 85        | 89          | 99           | 85          | 88        | 84            | 82       | 69             | 85           | 95       | 99       | 102         | 95                    | 100 | 113         | 95   | 84          | 87        | 91          | 89        | 101       | 93     | 91     | 97      | 97    | 108      | 97      |
|                        |              | H                    | 030056              | 78               | 76            | 78         | 75       | 42          | 64        | 76          | 26           | 56          | 28        | 4             | 2.47     | 3.3            | -1           | 4.2      | 1.6      | 41          | 7.3                   | 88  | 57          | -13  | -0.5        | 7.0       | -1.2        | -0.7      | 19.4      | 10     | 17     | 0.07    | -0.71 | 0.87     | -0.01   |
|                        |              |                      |                     |                  |               |            |          |             |           |             |              |             |           | 42            | 79       | 76             | 75           | 76       | 78       | 76          | 72                    | 39  | 48          | 11   | 46          | 45        | 51          | 32        | 65        | 43     | 39     | 28      | 29    | 28       | 28      |
| TTS 150024<br>82656315 | 6            | AM                   | 090036              | 107              | 106           | 93         | 94       | 144         | 132       | 103         | 96           | 127         | 93        | 104           | 105      | 108            | 106          | 106      | 93       | 96          | 104                   | 96  | 91          | 92   | 87          | 105       | 137         | 139       | 101       | 95     | 96     | 82      | 80    | 94       | 81      |
|                        |              | AM                   | 090120              | 81               | 78            | 81         | 76       | 38          | 64        | 79          | 27           | 57          | 41        | 24            | 0.53     | -1.1           | 22           | 9.1      | -0.4     | 26          | 12.1                  | 78  | 3           | -10  | -0.4        | 14.9      | -24.3       | -9.5      | 19.1      | 11     | 20     | -1.04   | -1.98 | -0.83    | -0.23   |
|                        |              |                      |                     |                  |               |            |          |             |           |             |              |             |           | 46            | 82       | 79             | 76           | 78       | 81       | 78          | 72                    | 45  | 30          | 6    | 52          | 50        | 45          | 32        | 68        | 49     | 46     | 39      | 43    | 39       | 41      |
| TTS 150029<br>83001693 | 7            | HBH                  | 120014              | 99               | 113           | 65         | 115      | 125         | 115       | 98          | 106          | 113         | 108       | 90            | 96       | 97             | 87           | 113      | 65       | 81          | 111                   | 107 | 84          | 88   | 82          | 91        | 131         | 120       | 105       | 93     | 95     | 106     | 110   | 110      | 107     |
|                        |              | T                    | 100042              | 80               | 78            | 82         | 76       | 42          | 65        | 79          | 26           | 57          | 28        | 10            | 1.27     | 0.1            | 2            | 11.6     | -9.0     | -9          | 16.0                  | 101 | -14         | -7   | -0.6        | 8.8       | -21.4       | -6.1      | 21.4      | 10     | 20     | 0.68    | 0.20  | 1.11     | 0.13    |
|                        |              |                      |                     |                  |               |            |          |             |           |             |              |             |           | 45            | 81       | 78             | 76           | 78       | 82       | 79          | 74                    | 36  | 48          | 13   | 42          | 41        | 52          | 31        | 65        | 40     | 36     | 28      | 28    | 27       | 28      |
| PC 160032<br>84308030  | 6            | HBH                  | 120094              | 117              | 94            | 79         | 105      | 102         | 91        | 86          | 87           | 88          | 80        | 91            | 114      | 112            | 95           | 94       | 79       | 76          | 91                    | 94  | 103         | 110  | 88          | 113       | 102         | 101       | 93        | 92     | 90     | 85      | 92    | 98       | 84      |
|                        |              | R                    | 080096              | 80               | 78            | 80         | 74       | 36          | 63        | 78          | 26           | 56          | 28        | 11            | -0.22    | -1.6           | 10           | 4.0      | -4.8     | -20         | 5.2                   | 75  | 34          | -26  | -0.4        | 18.9      | -7.0        | -2.7      | 13.9      | 10     | 16     | -0.84   | -1.09 | -0.38    | -0.18   |
|                        |              |                      |                     |                  |               |            |          |             |           |             |              |             |           | 48            | 81       | 76             | 74           | 78       | 80       | 77          | 71                    | 41  | 46          | 9    | 48          | 47        | 40          | 32        | 66        | 45     | 41     | 27      | 29    | 27       | 28      |
| ST 160026<br>84462266  | 4            | HBH                  | 120043              | 94               | 110           | 97         | 86       | 134         | 126       | 103         | 104          | 123         | 108       | 112           | 92       | 108            | 116          | 110      | 97       | 99          | 111                   | 109 | 115         | 103  | 114         | 110       | 123         | 133       | 106       | 107    | 112    | 108     | 96    | 108      | 107     |
|                        |              | SW                   | 110056              | 80               | 76            | 81         | 73       | 38          | 63        | 77          | 24           | 55          | 29        | 31            | 1.66     | -1.1           | 33           | 10.5     | 1.1      | 33          | 15.7                  | 105 | 63          | -20  | 0.7         | 17.4      | -17.4       | -8.4      | 22.1      | 18     | 30     | 0.81    | -0.79 | 0.81     | 0.14    |
|                        |              |                      |                     |                  |               |            |          |             |           |             |              |             |           | 46            | 81       | 76             | 73           | 76       | 81       | 77          | 72                    | 36  | 45          | 10   | 42          | 41        | 45          | 30        | 63        | 40     | 37     | 28      | 30    | 29       | 29      |
| ST 160043<br>84934496  | 9            | R                    | 090088              | 111              | 72            | 106        | 140      | 97          | 89        | 85          |              |             | 78        | 68            | 113      | 82             | 65           | 72       | 106      | 100         | 69                    | 80  | 84          | 81   | 101         | 96        | 100         | 96        | 95        | 83     | 76     | 87      | 111   | 95       | 88      |
|                        |              | T                    | 090033              | 76               | 75            | 75         | 76       | 44          | 63        | 75          |              |             | 14        | -12           | -0.09    | 1.9            | -22          | -5.2     | 3.8      | 35          | -6.0                  | 48  | -13         | 0    | 0.2         | 10.9      | -5.8        | -1.9      | 15.3      | 5      | 7      | -0.68   | 0.29  | -0.72    | -0.13   |
|                        |              |                      |                     |                  |               |            |          |             |           |             |              |             |           | 47            | 78       | 74             | 76           | 75       | 75       | 75          | 73                    | 24  | 20          | 5    | 28          | 27        | 54          | 33        | 66        | 27     | 24     | 13      | 14    | 13       | 14      |
| ST 160050<br>84447747  | 7            | R                    | 090088              | 102              | 78            | 85         | 124      | 101         | 81        | 70          |              |             | 75        | 80            | 107      | 80             | 81           | 78       | 85       | 74          | 74                    | 78  | 78          | 78   | 97          | 95        | 88          | 104       | 104       | 80     | 70     | 87      | 107   | 96       | 87      |
|                        |              | T                    | 090054              | 78               | 77            | 79         | 77       | 44          | 65        | 77          |              |             | 14        | 0             | 0.37     | 2.1            | -5           | -2.6     | -2.8     | -26         | -3.6                  | 44  | -27         | 2    | 0.0         | 10.5      | 0.2         | -3.3      | 20.9      | 3      | 3      | -0.71   | -0.01 | -0.56    | -0.14   |
|                        |              |                      |                     |                  |               |            |          |             |           |             |              |             |           | 47            | 79       | 76             | 77           | 79       | 78       | 78          | 76                    | 24  | 22          | 8    | 28          | 28        | 54          | 33        | 66        | 27     | 24     | 13      | 14    | 12       | 14      |

# Breeding Values and Accuracies: Cows & Heifers

| Animal          |              |                      |                     | Selection Values  |              |               |            |          |             |           |             |              |             | Birth     |               |          | Wean           |              |          |          | Growth & Adaptability |            |     |             |     | Fertility  |         |             |           | Frame     |        | Carcass |       |       |          |         |
|-----------------|--------------|----------------------|---------------------|-------------------|--------------|---------------|------------|----------|-------------|-----------|-------------|--------------|-------------|-----------|---------------|----------|----------------|--------------|----------|----------|-----------------------|------------|-----|-------------|-----|------------|---------|-------------|-----------|-----------|--------|---------|-------|-------|----------|---------|
| ID<br>Animal no | % Inbreeding | Genomic<br>Parentage | Index<br>EBV<br>Acc | Sire ID<br>Dam ID | Calv. Ease V | Calf Growth V | Milk Value | Maint. V | Fertility V | Cow Value | Wean Calf V | Growth Value | Prod. Value | Carcass V | Cow wt -birth | Birth wt | Cow-Calf birth | Cow wt -wean | Wean dir | Wean mat | Cow-Calf wn           | Post wn wt | ADG | Veld growth | FCR | Skin Thckn | Scrotum | Heifer Fert | Cow Fert. | Longevity | Height | Length  | EMA   | Fat   | Marbling | Dress % |
|                 |              |                      |                     |                   |              |               |            |          |             |           |             |              |             |           |               |          |                |              |          |          |                       |            |     |             |     |            |         |             |           |           |        |         |       |       |          |         |
| TTS 160032      | 6            | HBH 120014           |                     | 83719054          | 88           | 111           | 87         | 85       | 90          | 89        | 96          | 97           | 88          | 98        | 117           | 89       | 99             | 118          | 111      | 87       | 90                    | 114        | 101 | 88          | 89  | 80         | 86      | 103         | 86        | 103       | 98     | 96      | 102   | 98    | 104      | 102     |
|                 |              |                      |                     |                   | 76           | 73            | 73         | 73       | 41          | 61        | 73          | 25           | 54          | 28        | 36            | 1.90     | 0.0            | 35           | 11.1     | -2.1     | 11                    | 17.5       | 89  | -4          | -8  | -0.7       | 6.1     | -7.2        | -0.3      | 20.7      | 13     | 20      | 0.42  | -0.67 | 0.34     | 0.06    |
|                 |              |                      |                     |                   |              |               |            |          |             |           |             |              |             |           | 40            | 78       | 74             | 73           | 73       | 73       | 73                    | 64         | 36  | 47          | 12  | 42         | 41      | 51          | 31        | 63        | 40     | 36      | 27    | 28    | 27       | 28      |
| TTS 160034      | 7            | HBH 120014           |                     | 83939561          | 79           | 110           | 104        | 91       | 85          | 93        | 104         | 96           | 91          | 98        | 107           | 82       | 87             | 108          | 110      | 104      | 108                   | 110        | 104 | 93          | 95  | 86         | 92      | 98          | 82        | 106       | 101    | 104     | 97    | 100   | 104      | 97      |
|                 |              |                      |                     |                   | 73           | 74            | 76         | 75       | 42          | 62        | 74          | 27           | 55          | 30        | 26            | 2.46     | 1.3            | 24           | 10.7     | 3.2      | 56                    | 15.5       | 96  | 10          | -13 | -0.4       | 9.1     | -5.1        | 0.4       | 22.4      | 15     | 25      | 0.05  | -0.52 | 0.36     | 0.00    |
|                 |              |                      |                     |                   |              |               |            |          |             |           |             |              |             |           | 38            | 73       | 74             | 75           | 74       | 76       | 75                    | 68         | 40  | 48          | 11  | 47         | 45      | 52          | 33        | 65        | 44     | 41      | 29    | 30    | 29       | 30      |
| TTS 160035      | 5            | HBH 120014           |                     | 84207588          | 97           | 103           | 92         | 109      | 98          | 99        | 100         | 107          | 99          | 109       | 93            | 97       | 94             | 90           | 103      | 92       | 100                   | 99         | 107 | 93          | 92  | 83         | 102     | 120         | 91        | 110       | 101    | 105     | 116   | 107   | 108      | 116     |
|                 |              |                      |                     |                   | 79           | 77            | 78         | 77       | 42          | 64        | 77          | 25           | 56          | 28        | 13            | 1.24     | 0.5            | 5            | 7.7      | -0.4     | 36                    | 9.6        | 102 | 8           | -11 | -0.6       | 13.5    | -15.8       | -1.0      | 24.7      | 15     | 26      | 1.42  | 0.01  | 0.82     | 0.26    |
|                 |              |                      |                     |                   |              |               |            |          |             |           |             |              |             |           | 40            | 80       | 77             | 77           | 77       | 78       | 77                    | 70         | 37  | 47          | 10  | 45         | 43      | 54          | 31        | 65        | 42     | 38      | 28    | 29    | 28       | 28      |
| TTS 160047      | 5            | HBH 120014           |                     | 84330372          | 80           | 114           | 85         | 82       | 119         | 108       | 96          | 105          | 107         | 104       | 122           | 69       | 95             | 122          | 114      | 85       | 89                    | 115        | 107 | 100         | 97  | 82         | 91      | 126         | 114       | 107       | 104    | 104     | 96    | 95    | 110      | 96      |
|                 |              |                      |                     |                   | 80           | 77            | 79         | 77       | 41          | 64        | 78          | 26           | 56          | 32        | 41            | 3.61     | 0.3            | 40           | 12.3     | -2.7     | 9                     | 18.3       | 101 | 27          | -15 | -0.6       | 8.6     | -18.7       | -5.1      | 23.0      | 16     | 25      | -0.04 | -0.87 | 1.14     | -0.02   |
|                 |              |                      |                     |                   |              |               |            |          |             |           |             |              |             |           | 41            | 81       | 78             | 77           | 79       | 78       | 66                    | 41         | 47  | 10          | 48  | 46         | 49      | 33          | 65        | 45        | 41     | 31      | 33    | 31    | 32       |         |
| ST 170001       | 3            | AM 120022            |                     | 86140761          | 110          | 101           | 93         | 123      | 95          | 101       | 107         | 91           | 98          | 100       | 83            | 110      | 96             | 81           | 101      | 93       | 103                   | 89         | 101 | 91          | 94  | 92         | 104     | 96          | 95        | 98        | 99     | 103     | 99    | 90    | 89       | 98      |
|                 |              |                      |                     |                   | 80           | 78            | 80         | 76       | 40          | 64        | 78          | 20           | 55          | 22        | 3             | 0.16     | 0.3            | -4           | 6.7      | -0.2     | 43                    | 4.4        | 89  | 3           | -12 | -0.2       | 14.9    | -4.1        | -1.7      | 17.4      | 13     | 25      | 0.21  | -1.27 | -1.42    | 0.01    |
|                 |              |                      |                     |                   |              |               |            |          |             |           |             |              |             |           | 31            | 81       | 77             | 76           | 78       | 80       | 78                    | 74         | 27  | 14          | 10  | 35         | 33      | 51          | 28        | 62        | 32     | 28      | 20    | 23    | 21       | 22      |
| ST 170009       | 6            | T 110098             |                     | 86160173          | 94           | 114           | 114        | 129      | 72          | 105       | 135         | 115          | 106         | 124       | 86            | 95       | 78             | 75           | 114      | 114      | 143                   | 118        | 122 | 91          | 103 | 102        | 107     | 84          | 71        | 100       | 122    | 120     | 116   | 98    | 101      | 116     |
|                 |              |                      |                     |                   | 73           | 69            | 76         | 76       | 40          | 60        | 72          | 20           | 52          | 18        | 6             | 1.39     | 2.3            | -11          | 12.4     | 6.5      | 137                   | 19.6       | 131 | 3           | -20 | 0.2        | 16.0    | 2.1         | 2.4       | 18.8      | 27     | 36      | 1.40  | -0.66 | 0.01     | 0.25    |
|                 |              |                      |                     |                   |              |               |            |          |             |           |             |              |             |           | 48            | 73       | 74             | 76           | 69       | 76       | 74                    | 64         | 28  | 22          | 9   | 34         | 33      | 49          | 30        | 66        | 32     | 29      | 17    | 19    | 17       | 18      |
| ST 170011       | 7            | T 110098             |                     | 86140829          | 116          | 105           | 102        | 103      | 81          | 96        | 112         |              |             | 113       | 101           | 119      | 98             | 95           | 105      | 102      | 109                   | 109        | 120 | 101         | 104 | 97         | 107     | 71          | 86        | 109       | 122    | 116     | 110   | 95    | 99       | 109     |
|                 |              |                      |                     |                   | 78           | 77            | 78         | 75       | 42          | 64        | 77          |              |             | 14        | 21            | -0.61    | 0.0            | 11           | 8.6      | 2.5      | 56                    | 14.9       | 127 | 28          | -21 | 0.0        | 16.3    | 8.5         | -0.3      | 23.9      | 27     | 33      | 0.96  | -0.85 | -0.22    | 0.16    |
|                 |              |                      |                     |                   |              |               |            |          |             |           |             |              |             |           | 37            | 79       | 75             | 75           | 77       | 78       | 77                    | 74         | 21  | 17          | 7   | 27         | 25      | 53          | 32        | 63        | 25     | 22      | 14    | 15    | 14       | 14      |
| ST 170014       | 6            | T 110098             |                     | 86141397          | 94           | 112           | 118        | 92       | 94          | 110       | 120         | 122          | 113         | 125       | 113           | 95       | 95             | 106          | 112      | 118      | 124                   | 120        | 128 | 108         | 116 | 98         | 100     | 98          | 93        | 105       | 135    | 129     | 110   | 103   | 104      | 110     |
|                 |              |                      |                     |                   | 79           | 76            | 78         | 75       | 44          | 64        | 77          | 20           | 55          | 25        | 32            | 1.37     | 0.4            | 22           | 11.4     | 7.6      | 93                    | 20.5       | 144 | 47          | -31 | 0.0        | 12.9    | -4.8        | -1.4      | 21.9      | 34     | 41      | 0.96  | -0.33 | 0.38     | 0.18    |
|                 |              |                      |                     |                   |              |               |            |          |             |           |             |              |             |           | 40            | 80       | 76             | 75           | 76       | 78       | 76                    | 74         | 30  | 28          | 9   | 35         | 34      | 55          | 33        | 66        | 33     | 30      | 24    | 26    | 24       | 25      |
| ST 170017       | 8            | T 110098             |                     | 86140878          | 108          | 111           | 97         | 100      | 84          | 98        | 113         |              |             | 108       | 102           | 109      | 102            | 99           | 111      | 97       | 107                   | 115        | 113 | 76          | 100 | 87         | 117     | 85          | 84        | 109       | 115    | 111     | 111   | 83    | 108      | 109     |
|                 |              |                      |                     |                   | 79           | 78            | 80         | 78       | 44          | 65        | 78          |              |             | 21        | 21            | 0.24     | -0.4           | 15           | 11.0     | 1.1      | 52                    | 18.1       | 112 | -33         | -17 | -0.4       | 20.9    | 1.7         | 0.1       | 23.9      | 23     | 29      | 1.05  | -1.72 | 0.82     | 0.16    |
|                 |              |                      |                     |                   |              |               |            |          |             |           |             |              |             |           | 39            | 80       | 78             | 78           | 78       | 80       | 79                    | 75         | 26  | 19          | 8   | 31         | 30      | 55          | 33        | 66        | 29     | 26      | 20    | 22    | 20       | 21      |
| ST 170022       | 12           | HBH 120014           |                     | 86151396          | 101          | 95            | 82         | 103      | 124         | 104       | 82          | 97           | 101         | 95        | 95            | 101      | 98             | 97           | 95       | 82       | 79                    | 98         | 98  | 96          | 93  | 87         | 92      | 117         | 122       | 116       | 90     | 90      | 100   | 102   | 112      | 100     |
|                 |              |                      |                     |                   | 79           | 78            | 81         | 77       | 45          | 66        | 79          | 24           | 58          | 30        | 15            | 0.90     | 0.0            | 13           | 4.3      | -3.8     | -13                   | 8.9        | 84  | 16          | -11 | -0.4       | 9.2     | -14.4       | -6.4      | 28.3      | 9      | 16      | 0.25  | -0.35 | 1.29     | 0.04    |
|                 |              |                      |                     |                   |              |               |            |          |             |           |             |              |             |           | 37            | 80       | 78             | 77           | 78       | 81       | 79                    | 74         | 36  | 47          | 10  | 42         | 41      | 55          | 35        | 65        | 40     | 36      | 29    | 30    | 29       | 30      |
| ST 170031       | 13           | T 110098             |                     | 86150612          | 97           | 112           | 89         | 106      | 103         | 108       | 108         | 111          | 108         | 114       | 100           | 99       | 91             | 92           | 112      | 89       | 103                   | 116        | 121 | 98          | 105 | 101        | 101     | 97          | 104       | 112       | 120    | 113     | 104   | 92    | 99       | 104     |
|                 |              |                      |                     |                   | 79           | 77            | 80         | 78       | 44          | 65        | 78          | 20           | 56          | 18        | 20            | 1.06     | 0.9            | 8            | 11.4     | -1.4     | 43                    | 18.7       | 129 | 22          | -22 | 0.1        | 13.2    | -4.6        | -3.4      | 26.3      | 26     | 31      | 0.58  | -1.12 | -0.29    | 0.09    |
|                 |              |                      |                     |                   |              |               |            |          |             |           |             |              |             |           | 49            | 80       | 78             | 78           | 77       | 80       | 78                    | 75         | 26  | 22          | 11  | 31         | 30      | 56          | 33        | 66        | 29     | 26      | 18    | 18    | 16       | 18      |
| ST 170037       | 7            | T 110098             |                     | 86151099          | 87           | 112           | 101        | 103      | 107         | 112       | 111         |              |             | 121       | 103           | 89       | 87             | 96           | 112      | 101      | 113                   | 115        | 129 | 111         | 113 | 101        | 105     | 98          | 107       | 102       | 125    | 121     | 121   | 94    | 105      | 121     |
|                 |              |                      |                     |                   | 79           | 76            | 76         | 75       | 42          | 63        | 76          |              |             | 15        | 22            | 1.93     | 1.3            | 11           | 11.2     | 2.3      | 66                    | 18.1       | 144 | 53          | -29 | 0.1        | 15.4    | -5.0        | -3.9      | 20.0      | 29     | 36      | 1.82  | -0.99 | 0.47     | 0.32    |
|                 |              |                      |                     |                   |              |               |            |          |             |           |             |              |             |           | 37            | 80       | 77             | 75           | 76       | 76       | 76                    | 73         | 23  | 20          | 10  | 28         | 27      | 53          | 32        | 66        | 26     | 23      | 15    | 15    | 13       | 15      |

# Breeding Values and Accuracies: Cows & Heifers

| Animal                 |              |                        |                     | Selection Values  |              |               |            |           |             |           |             |              |             | Birth     |               |              | Wean           |              |             |            | Growth & Adaptability |             |            |             |            | Fertility   |             |              |             | Frame       |           | Carcass     |             |              |              |             |
|------------------------|--------------|------------------------|---------------------|-------------------|--------------|---------------|------------|-----------|-------------|-----------|-------------|--------------|-------------|-----------|---------------|--------------|----------------|--------------|-------------|------------|-----------------------|-------------|------------|-------------|------------|-------------|-------------|--------------|-------------|-------------|-----------|-------------|-------------|--------------|--------------|-------------|
| ID<br>Animal no        | % Inbreeding | Genomic<br>Parentage   | Index<br>EBV<br>Acc | Sire ID<br>Dam ID | Calv. Ease V | Calf Growth V | Milk Value | Maint. V  | Fertility V | Cow Value | Wean Calf V | Growth Value | Prod. Value | Carcass V | Cow wt -birth | Birth wt     | Cow-Calf birth | Cow wt -wean | Wean dir    | Wean mat   | Cow-Calf wn           | Post wn wt  | ADG        | Veld growth | FCR        | Skin Thickn | Scrotum     | Heifer Fert  | Cow Fert.   | Longevity   | Height    | Length      | EMA         | Fat          | Marbling     | Dress %     |
|                        |              |                        |                     |                   |              |               |            |           |             |           |             |              |             |           |               |              |                |              |             |            |                       |             |            |             |            |             |             |              |             |             |           |             |             |              |              |             |
| ST 170042<br>86151149  | 6            | T 110098<br>HBH 070044 |                     |                   | 119<br>79    | 103<br>77     | 110<br>79  | 103<br>78 | 95<br>46    | 109<br>66 | 117<br>78   | 110<br>22    | 109<br>57   | 109<br>27 | 99<br>19      | 117<br>-0.43 | 112<br>-1.5    | 94<br>10     | 103<br>7.8  | 110<br>5.1 | 115<br>72             | 105<br>12.9 | 118<br>122 | 99<br>25    | 105<br>-21 | 100<br>0.1  | 114<br>19.4 | 107<br>-9.3  | 92<br>-1.2  | 104<br>21.1 | 119<br>25 | 114<br>32   | 103<br>0.48 | 108<br>0.02  | 99<br>-0.21  | 104<br>0.09 |
| ST 170043<br>86151156  | 19           | R 090088<br>R 060022   |                     |                   | 109<br>77    | 76<br>75      | 99<br>74   | 108<br>75 | 90<br>44    | 76<br>63  | 74<br>75    |              |             | 83<br>14  | 93<br>13      | 111<br>0.08  | 97<br>0.2      | 90<br>6      | 76<br>-3.4  | 99<br>1.6  | 84<br>-3              | 71<br>-4.9  | 84<br>56   | 98<br>21    | 85<br>-4   | 105<br>0.3  | 96<br>10.9  | 87<br>0.8    | 91<br>-1.1  | 87<br>10.4  | 87<br>7   | 84<br>12    | 91<br>-0.39 | 105<br>-0.14 | 97<br>-0.46  | 91<br>-0.08 |
| ST 170044<br>86151164  | 5            | T 110098<br>T 110118   |                     |                   | 121<br>79    | 100<br>77     | 98<br>79   | 112<br>77 | 98<br>42    | 105<br>64 | 109<br>78   |              |             | 108<br>16 | 89<br>8       | 122<br>-0.84 | 105<br>-0.8    | 87<br>2      | 100<br>6.5  | 98<br>1.4  | 105<br>47             | 104<br>12.3 | 115<br>116 | 109<br>47   | 107<br>-23 | 97<br>0.0   | 112<br>18.3 | 96<br>-3.6   | 98<br>-2.2  | 118<br>29.9 | 117<br>24 | 111<br>30   | 107<br>0.74 | 95<br>-0.90  | 100<br>-0.07 | 106<br>0.12 |
| ST 170046<br>86151172  | 5            | R 090088<br>CR 100021  |                     |                   | 104<br>77    | 88<br>74      | 97<br>69   | 131<br>71 | 98<br>40    | 95<br>60  | 94<br>73    |              |             | 89<br>14  | 76<br>-3      | 103<br>0.73  | 91<br>0.8      | 75<br>-11    | 88<br>1.3   | 97<br>0.8  | 98<br>32              | 83<br>1.1   | 93<br>74   | 93<br>9     | 85<br>-4   | 103<br>0.2  | 95<br>10.5  | 84<br>2.3    | 103<br>-3.1 | 94<br>15.0  | 93<br>10  | 89<br>15    | 98<br>0.08  | 108<br>0.04  | 98<br>-0.32  | 98<br>0.01  |
| ST 170064<br>86151347  | 4            | T 110098<br>SW 130076  |                     |                   | 98<br>79     | 119<br>78     | 125<br>81  | 90<br>79  | 110<br>44   | 132<br>66 | 135<br>79   |              |             | 125<br>17 | 113<br>32     | 97<br>1.20   | 105<br>-0.7    | 108<br>25    | 119<br>14.1 | 125<br>9.9 | 135<br>118            | 122<br>21.5 | 134<br>155 | 108<br>46   | 116<br>-31 | 101<br>0.1  | 119<br>21.7 | 109<br>-10.4 | 109<br>-4.1 | 119<br>30.3 | 139<br>36 | 137<br>46   | 118<br>1.56 | 90<br>-1.22  | 98<br>-0.41  | 117<br>0.27 |
| ST 170070<br>86151438  | 5            | T 110098<br>T 090105   |                     |                   | 95<br>79     | 104<br>76     | 97<br>77   | 108<br>74 | 89<br>44    | 94<br>64  | 102<br>76   | 101<br>20    | 93<br>55    | 101<br>21 | 92<br>12      | 98<br>1.11   | 84<br>1.6      | 90<br>6      | 104<br>7.9  | 97<br>1.0  | 105<br>47             | 104<br>12.2 | 105<br>98  | 91<br>5     | 96<br>-14  | 92<br>-0.2  | 97<br>11.2  | 80<br>4.1    | 92<br>-1.3  | 104<br>21.3 | 106<br>18 | 102<br>24   | 98<br>0.13  | 96<br>-0.85  | 102<br>0.13  | 98<br>0.01  |
| ST 170083<br>86151487  | 3            | E 120010<br>T 090018   |                     |                   | 114<br>74    | 112<br>76     | 99<br>77   | 101<br>75 | 93<br>38    | 107<br>62 | 118<br>76   |              |             | 108<br>8  | 102<br>22     | 111<br>0.08  | 129<br>-3.4    | 97<br>13     | 112<br>11.2 | 99<br>1.6  | 109<br>58             | 101<br>10.5 | 101<br>89  | 69<br>-50   | 96<br>-0.1 | 106<br>15.8 | 91<br>-1.5  | 94<br>-1.6   | 105<br>21.9 | 111<br>20   | 108<br>27 | 114<br>1.28 | 97<br>-0.74 | 101<br>-0.03 | 114<br>0.22  |             |
| ST 170086<br>86151511  | 5            | T 110098<br>SW 110056  |                     |                   | 81<br>73     | 142<br>76     | 117<br>77  | 70<br>75  | 98<br>42    | 130<br>63 | 144<br>76   |              |             | 133<br>16 | 136<br>55     | 74<br>3.13   | 106<br>-0.9    | 135<br>54    | 142<br>23.8 | 117<br>7.3 | 130<br>106            | 144<br>33.5 | 141<br>168 | 101<br>29   | 114<br>-30 | 98<br>0.0   | 122<br>22.9 | 86<br>1.4    | 102<br>-3.0 | 108<br>23.7 | 144<br>39 | 143<br>50   | 122<br>1.90 | 94<br>-0.97  | 104<br>0.38  | 122<br>0.34 |
| TTS 170003<br>85219459 | 5            | AM 080081<br>FF 120005 |                     |                   | 108<br>72    | 82<br>73      | 97<br>75   | 128<br>74 | 87<br>32    | 83<br>59  | 86<br>73    | 73<br>22     | 77<br>52    | 72<br>25  | 80<br>0       | 110<br>0.15  | 88<br>1.2      | 78<br>-8     | 82<br>-1.3  | 97<br>1.1  | 92<br>17              | 69<br>-6.0  | 80<br>47   | 80<br>-23   | 92<br>-10  | 111<br>0.5  | 100<br>12.9 | 87<br>0.6    | 89<br>-0.8  | 91<br>12.9  | 85<br>6   | 77<br>8     | 73<br>-1.72 | 90<br>-1.23  | 92<br>-1.03  | 72<br>-0.35 |
| TTS 170017<br>85962892 | 4            | E 120010<br>T 100042   |                     |                   | 86<br>77     | 111<br>76     | 88<br>77   | 99<br>73  | 108<br>33   | 106<br>60 | 101<br>76   |              |             | 104<br>10 | 102<br>22     | 85<br>2.22   | 95<br>0.3      | 101<br>17    | 111<br>11.0 | 88<br>-1.7 | 97<br>29              | 109<br>15.0 | 106<br>99  | 83<br>-17   | 90<br>-9   | 90<br>0.3   | 94<br>10.2  | 105<br>-8.3  | 109<br>-4.2 | 108<br>23.3 | 101<br>15 | 100<br>23   | 105<br>0.62 | 101<br>-0.42 | 105<br>0.50  | 105<br>0.11 |
| TTS 170020<br>85963023 | 4            | E 120010<br>T 130037   |                     |                   | 93<br>78     | 99<br>74      | 103<br>74  | 95<br>74  | 71<br>32    | 77<br>59  | 95<br>74    |              |             | 92<br>9   | 103<br>23     | 93<br>1.56   | 97<br>0.1      | 104<br>20    | 99<br>6.1   | 103<br>2.9 | 100<br>37             | 100<br>10.0 | 94<br>76   | 101<br>29   | 90<br>-0.3 | 100<br>12.7 | 77<br>5.4   | 74<br>1.9    | 109<br>24.4 | 99<br>14    | 94<br>19  | 95<br>-0.09 | 95<br>-0.89 | 107<br>0.73  | 95<br>-0.04  |             |
| TTS 170029<br>88217385 | 5            | E 120010<br>AM 080026  |                     |                   | 108<br>77    | 99<br>67      | 90<br>74   | 105<br>74 | 94<br>30    | 93<br>56  | 96<br>71    |              |             | 100<br>13 | 93<br>13      | 104<br>0.64  | 110<br>-1.4    | 94<br>9      | 99<br>5.8   | 90<br>-1.1 | 92<br>18              | 94<br>7.1   | 95<br>76   | 81<br>-22   | 87<br>-0.4 | 89<br>7.9   | 88<br>-0.1  | 97<br>-2.1   | 102<br>19.9 | 103<br>16   | 94<br>19  | 102<br>0.40 | 95<br>-0.85 | 101<br>0.04  | 101<br>0.06  |             |

# Breeding Values and Accuracies: Cows & Heifers

| Animal                 |              |                         |                     | Selection Values  |              |               |            |           |             |           |             |              |             | Birth     |               |              | Wean           |              |             |            | Growth & Adaptability |             |            |             |            | Fertility   |             |              |             | Frame       |           | Carcass   |             |              |             |             |
|------------------------|--------------|-------------------------|---------------------|-------------------|--------------|---------------|------------|-----------|-------------|-----------|-------------|--------------|-------------|-----------|---------------|--------------|----------------|--------------|-------------|------------|-----------------------|-------------|------------|-------------|------------|-------------|-------------|--------------|-------------|-------------|-----------|-----------|-------------|--------------|-------------|-------------|
| ID<br>Animal no        | % Inbreeding | Genomic<br>Parentage    | Index<br>EBV<br>Acc | Sire ID<br>Dam ID | Calv. Ease V | Calf Growth V | Milk Value | Maint. V  | Fertility V | Cow Value | Wean Calf V | Growth Value | Prod. Value | Carcass V | Cow wt -birth | Birth wt     | Cow-Calf birth | Cow wt -wean | Wean dir    | Wean mat   | Cow-Calf wn           | Post wn wt  | ADG        | Veld growth | FCR        | Skin Thickn | Scrotum     | Heifer Fert  | Cow Fert.   | Longevity   | Height    | Length    | EMA         | Fat          | Marbling    | Dress %     |
|                        |              |                         |                     |                   |              |               |            |           |             |           |             |              |             |           |               |              |                |              |             |            |                       |             |            |             |            |             |             |              |             |             |           |           |             |              |             |             |
| ST 180005<br>86838604  | 6            | HBH 120014<br>R 090082  |                     |                   | 104<br>79    | 98<br>76      | 78<br>78   | 105<br>75 | 116<br>40   | 100<br>63 | 85<br>77    | 91<br>24     | 97<br>55    | 89<br>28  | 92<br>12      | 103<br>0.70  | 101<br>-0.2    | 95<br>10     | 98<br>5.4   | 78<br>-5.1 | 78<br>-16             | 99<br>9.4   | 89<br>66   | 105<br>39   | 90<br>-9   | 78<br>-0.8  | 88<br>7.2   | 114<br>-12.7 | 114<br>-5.0 | 114<br>27.4 | 85<br>6   | 84<br>12  | 97<br>0.07  | 105<br>-0.15 | 105<br>0.53 | 98<br>0.01  |
| ST 180006<br>86839453  | 6            | HBH 120014<br>ST 150002 |                     |                   | 103<br>79    | 93<br>77      | 86<br>81   | 110<br>78 | 94<br>40    | 86<br>64  | 85<br>78    | 92<br>23     | 84<br>56    | 80<br>28  | 88<br>8       | 106<br>0.50  | 90<br>0.9      | 89<br>5      | 93<br>3.7   | 86<br>-2.6 | 85<br>0               | 99<br>9.4   | 89<br>65   | 117<br>68   | 91<br>-9   | 79<br>-0.7  | 89<br>7.6   | 112<br>-12.1 | 88<br>-0.5  | 113<br>26.9 | 84<br>5   | 84<br>12  | 90<br>-0.48 | 101<br>-0.49 | 105<br>0.51 | 90<br>-0.10 |
| ST 180012<br>88196712  | 5            | AM 120022<br>ST 150015  |                     |                   | 114<br>76    | 99<br>73      | 100<br>72  | 96<br>74  | 103<br>35   | 103<br>59 | 100<br>73   |              |             | 90<br>22  | 101<br>21     | 117<br>-0.47 | 102<br>-0.4    | 103<br>19    | 99<br>5.9   | 100<br>2.0 | 98<br>32              | 93<br>6.2   | 93<br>73   | 103<br>34   | 92<br>-10  | 91<br>-0.2  | 93<br>9.4   | 98<br>-4.8   | 105<br>-3.4 | 102<br>19.5 | 93<br>10  | 94<br>19  | 89<br>-0.56 | 86<br>-1.53  | 92<br>-1.12 | 88<br>-0.13 |
| ST 180019<br>88196522  | 3            | E 120010<br>T 140022    |                     |                   | 84<br>76     | 112<br>74     | 92<br>72   | 97<br>74  | 112<br>37   | 109<br>60 | 103<br>74   |              |             | 105<br>8  | 104<br>23     | 82<br>2.46   | 96<br>0.3      | 102<br>18    | 112<br>11.2 | 92<br>-0.4 | 101<br>39             | 110<br>15.2 | 111<br>109 | 85<br>-11   | 101<br>-18 | 94<br>-0.1  | 103<br>14.3 | 118<br>-14.7 | 108<br>-4.1 | 101<br>18.9 | 108<br>19 | 104<br>25 | 105<br>0.66 | 101<br>-0.43 | 102<br>0.11 | 106<br>0.11 |
| ST 180022<br>88191879  | 11           | R 090088<br>ST 140012   |                     |                   | 102<br>78    | 86<br>76      | 102<br>77  | 109<br>76 | 108<br>42   | 97<br>63  | 87<br>76    |              |             | 76<br>14  | 88<br>8       | 99<br>1.07   | 103<br>-0.5    | 89<br>4      | 86<br>0.8   | 102<br>2.6 | 96<br>26              | 85<br>2.4   | 86<br>60   | 106<br>41   |            | 105<br>0.3  | 99<br>12.2  | 87<br>0.8    | 113<br>-4.9 | 100<br>18.5 | 90<br>8   | 84<br>12  | 91<br>-0.41 | 104<br>-0.23 | 91<br>-1.15 | 91<br>-0.09 |
| ST 180041<br>88196530  | 4            | E 120010<br>T 140029    |                     |                   | 99<br>77     | 105<br>75     | 91<br>76   | 108<br>75 | 106<br>38   | 106<br>62 | 103<br>75   |              |             | 97<br>11  | 91<br>10      | 96<br>1.28   | 100<br>-0.1    | 91<br>6      | 105<br>8.5  | 91<br>-0.8 | 100<br>35             | 103<br>11.8 | 100<br>87  | 106<br>40   | 97<br>-15  | 93<br>-0.2  | 96<br>10.8  | 108<br>-9.6  | 104<br>-3.4 | 101<br>19.0 | 98<br>13  | 95<br>19  | 99<br>0.17  | 101<br>-0.44 | 104<br>0.38 | 99<br>0.02  |
| ST 180065<br>88196472  | 4            | E 120010<br>T 140129    |                     |                   | 90<br>79     | 101<br>76     | 100<br>76  | 88<br>76  | 111<br>38   | 103<br>62 | 92<br>76    |              |             | 88<br>14  | 109<br>28     | 95<br>1.40   | 91<br>0.8      | 113<br>30    | 101<br>7.0  | 100<br>2.0 | 96<br>27              | 105<br>12.9 | 98<br>84   | 114<br>60   |            | 93<br>-0.2  | 97<br>11.7  | 98<br>-4.7   | 114<br>-5.1 | 113<br>26.5 | 102<br>16 | 96<br>20  | 98<br>0.11  | 91<br>-1.19  | 98<br>-0.32 | 97<br>-0.01 |
| TTS 180007<br>87921243 | 11           | HBH 120014<br>T 140003  |                     |                   | 97<br>75     | 98<br>74      | 83<br>72   | 109<br>74 | 113<br>42   | 100<br>62 | 87<br>74    | 83<br>25     | 95<br>55    | 85<br>30  | 88<br>8       | 101<br>0.89  | 84<br>1.6      | 91<br>6      | 98<br>5.4   | 83<br>-3.3 | 85<br>1               | 96<br>8.3   | 85<br>58   | 92<br>7     | 80<br>0    | 80<br>-0.7  | 85<br>5.9   | 127<br>-19.4 | 105<br>-3.5 | 100<br>18.8 | 75<br>0   | 82<br>11  | 94<br>-0.20 | 102<br>-0.35 | 112<br>1.29 | 94<br>-0.05 |
| TTS 180008<br>87921250 | 6            | HBH 120014<br>T 060063  |                     |                   | 92<br>78     | 98<br>76      | 86<br>77   | 134<br>76 | 103<br>44   | 100<br>64 | 97<br>76    | 95<br>26     | 97<br>56    | 92<br>31  | 75<br>-5      | 91<br>1.71   | 82<br>1.9      | 73<br>-13    | 98<br>5.5   | 86<br>-2.6 | 96<br>27              | 95<br>7.6   | 97<br>81   | 105<br>38   | 95<br>-13  | 81<br>-0.6  | 89<br>7.8   | 118<br>-14.7 | 98<br>-2.3  | 109<br>23.9 | 90<br>4   | 90<br>16  | 87<br>-0.72 | 106<br>-0.08 | 116<br>1.78 | 87<br>-0.14 |
| TTS 180019<br>87923223 | 5            | HBH 120014<br>V 080093  |                     |                   | 91<br>78     | 100<br>75     | 102<br>75  | 99<br>75  | 119<br>42   | 112<br>63 | 97<br>75    | 101<br>26    | 109<br>56   | 94<br>28  | 99<br>19      | 95<br>1.41   | 88<br>1.2      | 99<br>15     | 100<br>6.4  | 102<br>2.6 | 102<br>42             | 109<br>15.1 | 102<br>90  | 102<br>32   | 93<br>-11  | 81<br>-0.6  | 96<br>10.9  | 121<br>-16.5 | 115<br>-5.3 | 103<br>20.4 | 88<br>7   | 95<br>19  | 98<br>0.12  | 102<br>-0.38 | 108<br>0.80 | 98<br>0.01  |
| TTS 180022<br>87923249 | 8            | HBH 120014<br>T 140023  |                     |                   | 95<br>76     | 101<br>75     | 77<br>76   | 116<br>74 | 87<br>41    | 84<br>62  | 90<br>75    | 88<br>25     | 81<br>55    | 94<br>30  | 87<br>7       | 98<br>1.13   | 83<br>1.8      | 85<br>0      | 101<br>7.0  | 77<br>-5.2 | 85<br>0               | 101<br>10.7 | 89<br>64   | 96<br>17    | 87<br>-6   | 84<br>-0.6  | 90<br>8.4   | 104<br>-8.0  | 83<br>0.3   | 102<br>20.0 | 87<br>7   | 86<br>14  | 99<br>0.15  | 110<br>0.22  | 106<br>0.58 | 99<br>0.03  |
| TTS 180027<br>87979050 | 3            | AM 120022<br>GH 100158  |                     |                   | 105<br>76    | 100<br>76     | 93<br>75   | 116<br>74 | 91<br>38    | 95<br>62  | 102<br>75   | 107<br>22    | 95<br>54    | 103<br>26 | 86<br>6       | 105<br>0.58  | 94<br>0.5      | 84<br>-1     | 100<br>6.4  | 93<br>-0.2 | 101<br>38             | 92<br>5.9   | 109<br>104 | 92<br>7     | 104<br>-21 | 91<br>-0.2  | 99<br>12.1  | 95<br>-3.2   | 90<br>-1.0  | 99<br>17.8  | 109<br>19 | 107<br>27 | 100<br>0.22 | 98<br>-0.68  | 96<br>-0.55 | 99<br>0.03  |

# Breeding Values and Accuracies: Cows & Heifers

| Animal    |              |                   |                     | Selection Values |            |              |               |            |          |             |           |             |              | Birth       |           |               | Wean     |                |              |          | Growth & Adaptability |             |            |     |             | Fertility |            |         |             | Frame     |           | Carcass |        |       |       | Breeding values with an accuracy < 5% are not printed |         |  |  |  |  |  |  |  |  |
|-----------|--------------|-------------------|---------------------|------------------|------------|--------------|---------------|------------|----------|-------------|-----------|-------------|--------------|-------------|-----------|---------------|----------|----------------|--------------|----------|-----------------------|-------------|------------|-----|-------------|-----------|------------|---------|-------------|-----------|-----------|---------|--------|-------|-------|-------------------------------------------------------|---------|--|--|--|--|--|--|--|--|
|           |              |                   |                     |                  |            |              |               |            |          |             |           |             |              |             |           |               |          |                |              |          |                       |             |            |     |             |           |            |         |             |           |           |         |        |       |       |                                                       |         |  |  |  |  |  |  |  |  |
| ID        | % Inbreeding | Genomic Parentage | Index<br>EBV<br>Acc | Sire ID          | Dam ID     | Calv. Ease V | Calf Growth V | Milk Value | Maint. V | Fertility V | Cow Value | Wean Calf V | Growth Value | Prod. Value | Carcass V | Cow wt -birth | Birth wt | Cow-Calf birth | Cow wt -wean | Wean dir | Wean mat              | Cow-Calf wn | Post wn wt | ADG | Veld growth | FCR       | Skin Thckn | Scrotum | Heifer Fert | Cow Fert. | Longevity | Height  | Length | EMA   | Fat   | Marbling                                              | Dress % |  |  |  |  |  |  |  |  |
| ST 190003 | 3            | E 120010          | 120010              | 88535190         | T 140133   | 86           | 114           | 115        | 91       | 94          | 109       | 118         |              |             | 107       | 108           | 86       | 96             | 108          | 114      | 115                   | 121         | 118        | 112 | 96          |           | 93         | 110     | 90          | 96        | 96        | 117     | 117    | 109   | 100   | 101                                                   | 109     |  |  |  |  |  |  |  |  |
|           |              |                   |                     |                  |            | 76           | 74            | 74         | 74       | 32          | 59        | 74          |              |             | 12        | 28            | 2.11     | 0.3            | 25           | 12.2     | 6.6                   | 86          | 19.7       | 112 | 15          |           | -0.2       | 17.6    | -0.7        | -1.9      | 15.8      | 24      | 33     | 0.91  | -0.55 | -0.04                                                 | 0.16    |  |  |  |  |  |  |  |  |
|           |              |                   |                     |                  |            |              |               |            |          |             |           |             |              |             |           | 30            | 78       | 73             | 74           | 74       | 74                    | 74          | 58         | 21  | 14          |           | 27         | 26      | 37          | 26        | 61        | 25      | 22     | 11    | 12    | 11                                                    | 12      |  |  |  |  |  |  |  |  |
| ST 190008 | 5            | E 120010          | 120010              | 88535240         | XY 100014  | 96           | 106           | 93         | 101      | 81          | 88        | 102         |              |             | 94        | 98            | 91       | 106            | 98           | 106      | 93                    | 99          | 98         | 94  | 85          | 91        | 95         | 100     | 83          | 83        | 89        | 102     | 96     | 101   | 96    | 102                                                   | 100     |  |  |  |  |  |  |  |  |
|           |              |                   |                     |                  |            | 75           | 65            | 70         | 73       | 36          | 57        | 68          |              |             | 14        | 18            | 1.72     | -0.9           | 14           | 9.1      | -0.2                  | 35          | 9.3        | 75  | -11         | -9        | -0.1       | 12.7    | 2.8         | 0.3       | 11.7      | 15      | 20     | 0.32  | -0.78 | 0.08                                                  | 0.04    |  |  |  |  |  |  |  |  |
|           |              |                   |                     |                  |            |              |               |            |          |             |           |             |              |             |           | 32            | 77       | 73             | 73           | 65       | 70                    | 69          | 60         | 23  | 13          | 8         | 27         | 26      | 45          | 26        | 61        | 26      | 23     | 14    | 15    | 13                                                    | 14      |  |  |  |  |  |  |  |  |
| ST 190012 | 4            | E 120010          | 120010              | 88535281         | T 130053   | 82           | 101           | 97         | 124      | 96          | 98        | 101         |              |             | 106       | 81            | 84       | 72             | 80           | 101      | 97                    | 108         | 93         | 104 | 91          | 100       | 85         | 102     | 108         | 93        | 90        | 107     | 104    | 106   | 100   | 109                                                   | 106     |  |  |  |  |  |  |  |  |
|           |              |                   |                     |                  |            | 75           | 67            | 73         | 74       | 36          | 58        | 70          |              |             | 14        | 1             | 2.30     | 3.0            | -5           | 6.8      | 1.1                   | 55          | 6.5        | 95  | 4           | -17       | -0.5       | 13.8    | -9.9        | -1.4      | 12.3      | 18      | 25     | 0.73  | -0.55 | 0.96                                                  | 0.12    |  |  |  |  |  |  |  |  |
|           |              |                   |                     |                  |            |              |               |            |          |             |           |             |              |             |           | 31            | 77       | 73             | 74           | 67       | 73                    | 71          | 59         | 22  | 14          | 5         | 26         | 25      | 47          | 26        | 61        | 25      | 22     | 14    | 15    | 14                                                    | 14      |  |  |  |  |  |  |  |  |
| ST 190013 | 5            | T 110098          | 110098              | 89340103         | ST 140017  | 88           | 122           | 95         | 94       | 97          | 109       | 117         |              |             | 117       | 109           | 90       | 93             | 106          | 122      | 95                    | 109         | 121        | 115 | 94          | 99        | 98         | 104     | 92          | 99        | 109       | 120     | 114    | 118   | 95    | 98                                                    | 117     |  |  |  |  |  |  |  |  |
|           |              |                   |                     |                  |            | 77           | 69            | 76         | 75       | 37          | 60        | 72          |              |             | 17        | 28            | 1.79     | 0.7            | 23           | 15.4     | 0.3                   | 58          | 21.3       | 117 | 11          | -17       | 0.0        | 14.5    | -1.9        | -2.4      | 24.4      | 25      | 32     | 1.57  | -0.92 | -0.34                                                 | 0.27    |  |  |  |  |  |  |  |  |
|           |              |                   |                     |                  |            |              |               |            |          |             |           |             |              |             |           | 35            | 78       | 75             | 75           | 76       | 73                    | 73          | 56         | 22  | 20          | 7         | 27         | 26      | 46          | 28        | 63        | 25      | 22     | 16    | 18    | 16                                                    | 17      |  |  |  |  |  |  |  |  |
| ST 190017 | 6            | HBH 120014        | 120014              | 89340285         | FF 140230  | 95           | 98            | 80         | 107      | 107         | 93        | 84          | 96           | 92          | 90        | 92            | 96       | 92             | 93           | 98       | 80                    | 82          | 97         | 98  | 108         | 94        | 98         | 88      | 119         | 101       | 103       | 91      | 90     | 95    | 110   | 107                                                   | 96      |  |  |  |  |  |  |  |  |
|           |              |                   |                     |                  |            | 75           | 66            | 71         | 72       | 36          | 57        | 69          | 24           | 50          | 31        | 12            | 1.30     | 0.7            | 8            | 5.5      | -4.3                  | -7          | 8.7        | 83  | 47          | -12       | 0.0        | 7.1     | -15.6       | -2.8      | 20.2      | 9       | 16     | -0.09 | 0.21  | 0.69                                                  | -0.02   |  |  |  |  |  |  |  |  |
|           |              |                   |                     |                  |            |              |               |            |          |             |           |             |              |             |           | 34            | 77       | 72             | 72           | 66       | 71                    | 70          | 60         | 37  | 50          | 9         | 44         | 42      | 44          | 28        | 61        | 41      | 37     | 30    | 32    | 30                                                    | 31      |  |  |  |  |  |  |  |  |
| ST 190024 | 11           | HBH 160001        | 160001              | 89785679         | TTS 160047 | 82           | 129           | 76         | 81       | 138         | 131       | 111         | 102          | 127         | 110       | 124           | 67       | 102            | 124          | 129      | 76                    | 91          | 126        | 103 | 107         | 99        | 68         | 104     | 130         | 136       | 110       | 103     | 110    | 94    | 92    | 109                                                   | 94      |  |  |  |  |  |  |  |  |
|           |              |                   |                     |                  |            | 75           | 74            | 71         | 73       | 38          | 60        | 73          | 23           | 53          | 35        | 43            | 3.71     | -0.4           | 41           | 18.5     | -5.6                  | 15          | 23.8       | 93  | 44          | -16       | -1.2       | 14.5    | -20.9       | -8.8      | 24.9      | 16      | 29     | -0.18 | -1.11 | 0.98                                                  | -0.05   |  |  |  |  |  |  |  |  |
|           |              |                   |                     |                  |            |              |               |            |          |             |           |             |              |             |           | 34            | 77       | 72             | 73           | 74       | 71                    | 73          | 72         | 36  | 28          | 7         | 45         | 43      | 49          | 27        | 58        | 41      | 37     | 33    | 37    | 33                                                    | 35      |  |  |  |  |  |  |  |  |
| ST 190034 | 5            | HBH 160026        | 160026              | 90715129         | AM 150021  | 108          | 90            | 71         | 135      | 106         | 92        | 83          | 102          | 92          | 95        | 74            | 108      | 88             | 72           | 90       | 71                    | 72          | 86         | 106 | 93          | 107       | 80         | 111     | 114         | 103       | 103       | 99      | 93     | 94    | 89    | 88                                                    | 93      |  |  |  |  |  |  |  |  |
|           |              |                   |                     |                  |            | 76           | 68            | 72         | 74       | 32          | 57        | 71          | 24           | 50          | 36        | -6            | 0.28     | 1.2            | -14          | 2.2      | -7.2                  | -29         | 2.5        | 99  | 9           | -23       | -0.7       | 18.0    | -12.8       | -3.1      | 20.3      | 13      | 18     | -0.19 | -1.35 | -1.56                                                 | -0.06   |  |  |  |  |  |  |  |  |
|           |              |                   |                     |                  |            |              |               |            |          |             |           |             |              |             |           | 36            | 78       | 73             | 74           | 68       | 72                    | 71          | 60         | 37  | 21          | 7         | 45         | 44      | 42          | 23        | 60        | 42      | 38     | 34    | 39    | 35                                                    | 36      |  |  |  |  |  |  |  |  |
| ST 190035 | 4            | HBH 160026        | 160026              | 89340798         | ST 150009  | 97           | 100           | 105        | 98       | 117         | 113       | 100         | 111          | 113         | 106       | 100           | 102      | 89             | 100          | 100      | 105                   | 105         | 110        | 120 | 123         | 116       | 85         | 121     | 115         | 115       | 111       | 110     | 110    | 114   | 98    | 91                                                    | 114     |  |  |  |  |  |  |  |  |
|           |              |                   |                     |                  |            | 76           | 75            | 73         | 76       | 40          | 62        | 75          | 22           | 54          | 34        | 20            | 0.82     | 1.1            | 16           | 6.3      | 3.6                   | 49          | 15.3       | 127 | 82          | -31       | -0.5       | 22.4    | -13.4       | -5.3      | 25.7      | 20      | 29     | 1.30  | -0.68 | -1.24                                                 | 0.23    |  |  |  |  |  |  |  |  |
|           |              |                   |                     |                  |            |              |               |            |          |             |           |             |              |             |           | 36            | 78       | 74             | 76           | 75       | 73                    | 75          | 72         | 34  | 23          | 6         | 42         | 40      | 52          | 27        | 60        | 39      | 35     | 32    | 36    | 33                                                    | 34      |  |  |  |  |  |  |  |  |
| ST 190036 | 5            | HBH 160026        | 160026              | 89340806         | ST 160034  | 102          | 96            | 108        | 120      | 98          | 104       | 105         | 105          | 103         | 104       | 86            | 108      | 79             | 82           | 96       | 108                   | 113         | 93         | 114 | 80          | 102       | 85         | 122     | 102         | 97        | 106       | 104     | 104    | 109   | 104   | 87                                                    | 109     |  |  |  |  |  |  |  |  |
|           |              |                   |                     |                  |            | 77           | 75            | 75         | 75       | 38          | 61        | 75          | 20           | 53          | 32        | 6             | 0.32     | 2.2            | -3           | 4.6      | 4.3                   | 68          | 6.6        | 115 | -24         | -19       | -0.5       | 23.2    | -7.1        | -2.1      | 22.3      | 17      | 25     | 0.93  | -0.23 | -1.71                                                 | 0.17    |  |  |  |  |  |  |  |  |
|           |              |                   |                     |                  |            |              |               |            |          |             |           |             |              |             |           | 34            | 79       | 75             | 75           | 75       | 75                    | 75          | 72         | 32  | 20          | 5         | 40         | 38      | 50          | 26        | 60        | 37      | 32     | 30    | 34    | 30                                                    | 32      |  |  |  |  |  |  |  |  |
| ST 190045 | 6            | R 090088          | 090088              | 89340863         | T 140060   | 91           | 83            | 110        | 109      | 117         | 102       | 84          |              |             | 81        | 87            | 96       | 78             | 89           | 83       | 110                   | 102         | 86         | 93  | 104         | 96        | 99         | 96      | 96          | 123       | 98        | 95      | 86     | 87    | 98    | 98                                                    | 87      |  |  |  |  |  |  |  |  |
|           |              |                   |                     |                  |            | 76           | 75            | 73         | 75       | 37          | 61        | 75          |              |             | 17        | 7             | 1.34     | 2.3            | 4            | -0.7     | 5.2                   | 41          | 2.9        | 73  | 35          | -13       | 0.1        | 11.0    | -3.6        | -6.6      | 17.3      | 11      | 14     | -0.68 | -0.65 | -0.42                                                 | -0.14   |  |  |  |  |  |  |  |  |
|           |              |                   |                     |                  |            |              |               |            |          |             |           |             |              |             |           | 38            | 78       | 74             | 75           | 75       | 73                    | 74          | 66         | 22  | 21          | 5         | 25         | 25      | 45          | 29        | 63        | 24      | 22     | 16    | 18    | 15                                                    | 17      |  |  |  |  |  |  |  |  |
| ST 190059 | 4            | HBH 120014        | 120014              | 89855167         | AM 120024  | 122          | 96            | 85         | 118      | 129         | 119       | 98          | 96           | 115         | 92        | 84            | 121      | 107            | 84           | 96       | 85                    | 89          | 97         | 89  | 109         | 83        | 79         | 86      | 127         | 125       | 108       | 82      | 87     | 89    | 90    | 100                                                   | 89      |  |  |  |  |  |  |  |  |
|           |              |                   |                     |                  |            | 77           | 75            | 76         | 75       | 40          | 62        | 75          | 26           | 55          | 31        | 4             | -0.79    | -1.0           | -1           | 4.9      | -2.9                  | 9           | 8.4        | 65  | 49          | -3        | -0.7       | 6.3     | -19.6       | -6.9      | 23.3      | 4       | 14     | -0.52 | -1.27 | -0.16                                                 | -0.12   |  |  |  |  |  |  |  |  |
|           |              |                   |                     |                  |            |              |               |            |          |             |           |             |              |             |           | 37            | 79       | 75             | 75           | 75       | 76                    | 75          | 70         | 39  | 46          | 9         | 46         | 44      | 49          | 31        | 62        | 43      | 39     | 30    | 32    | 30                                                    | 31      |  |  |  |  |  |  |  |  |
| ST 190078 | 5            | E 120010          | 120010              | 89855522         | ST 140012  | 91           | 114           | 95         | 92       | 97          | 102       | 107         |              |             | 97        | 106           | 91       | 98             | 108          | 114      | 95                    | 103         | 112        | 104 | 110         |           | 99         | 103     | 91          | 99        | 105       | 108     | 105    | 107   | 96    | 97                                                    | 106     |  |  |  |  |  |  |  |  |
|           |              |                   |                     |                  |            | 75           | 74            | 73         | 74       | 36          | 60        | 74          |              |             | 10        | 25            | 1.72     | 0.1            | 25           | 12.0     | 0.5                   | 43          | 16.4       | 94  | 50          |           | 0.1        | 14.1    | -1.1        | -2.4      | 21.7      | 19      | 26     | 0.78  | -0.84 | -0.51                                                 | 0.12    |  |  |  |  |  |  |  |  |
|           |              |                   |                     |                  |            |              |               |            |          |             |           |             |              |             |           | 24            | 77       | 73             | 74           | 74       | 73                    | 74          | 68         | 16  | 12          |           | 20         | 19      | 47          | 26        | 61        | 18      | 16     | 9     | 10    | 9                                                     | 10      |  |  |  |  |  |  |  |  |

# Breeding Values and Accuracies: Cows & Heifers

| Animal                 |              |                      |                     | Selection Values  |              |               |            |          |             |           |             |              |             | Birth     |               |          | Wean           |              |          |          | Growth & Adaptability |            |     |             |     | Fertility   |         |             |           | Frame     |        | Carcass |       |       |          |         |
|------------------------|--------------|----------------------|---------------------|-------------------|--------------|---------------|------------|----------|-------------|-----------|-------------|--------------|-------------|-----------|---------------|----------|----------------|--------------|----------|----------|-----------------------|------------|-----|-------------|-----|-------------|---------|-------------|-----------|-----------|--------|---------|-------|-------|----------|---------|
| ID<br>Animal no        | % Inbreeding | Genomic<br>Parentage | Index<br>EBV<br>Acc | Sire ID<br>Dam ID | Calv. Ease V | Calf Growth V | Milk Value | Maint. V | Fertility V | Cow Value | Wean Calf V | Growth Value | Prod. Value | Carcass V | Cow wt -birth | Birth wt | Cow-Calf birth | Cow wt -wean | Wean dir | Wean mat | Cow-Calf wn           | Post wn wt | ADG | Veld growth | FCR | Skin Thickn | Scrotum | Heifer Fert | Cow Fert. | Longevity | Height | Length  | EMA   | Fat   | Marbling | Dress % |
|                        |              |                      |                     |                   |              |               |            |          |             |           |             |              |             |           |               |          |                |              |          |          |                       |            |     |             |     |             |         |             |           |           |        |         |       |       |          |         |
| TTS 190023<br>89460364 | 7            | R                    | 090088              | 090019            | 108          | 74            | 94         | 136      | 97          | 83        | 77          |              |             | 73        | 74            | 110      | 82             | 70           | 74       | 94       | 85                    | 69         | 76  | 93          | 81  | 101         | 96      | 96          | 97        | 105       | 77     | 69      | 83    | 110   | 96       | 84      |
|                        |              | T                    | 090019              |                   | 76           | 73            | 71         | 74       | 41          | 61        | 73          |              |             | 14        | -5            | 0.15     | 1.9            | -16          | -4.4     | 0.0      | 0                     | -6.0       | 40  | 9           | -1  | 0.2         | 11.0    | -4.0        | -2.1      | 21.5      | 1      | 2       | -0.97 | 0.21  | -0.64    | -0.18   |
|                        |              |                      |                     |                   |              |               |            |          |             |           |             |              |             |           | 47            | 78       | 74             | 74           | 73       | 71       | 73                    | 72         | 24  | 20          | 5   | 28          | 27      | 52          | 30        | 64        | 26     | 24      | 13    | 14    | 13       | 14      |
| TTS 190026<br>89460158 | 5            | HBH                  | 160001              | TTS 150010        | 103          | 118           | 94         | 95       | 123         | 127       | 118         | 106          | 125         | 113       | 107           | 98       | 114            | 105          | 118      | 94       | 106                   | 113        | 107 | 97          | 102 | 82          | 115     | 104         | 125       | 107       | 109    | 112     | 106   | 104   | 101      | 106     |
|                        |              | T                    | 150010              |                   | 75           | 73            | 72         | 73       | 36          | 59        | 73          | 22           | 52          | 32        | 27            | 1.17     | -1.8           | 21           | 14.0     | -0.1     | 51                    | 16.9       | 102 | 18          | -19 | -0.6        | 19.7    | -8.0        | -6.9      | 23.2      | 19     | 30      | 0.68  | -0.21 | 0.01     | 0.13    |
|                        |              |                      |                     |                   |              |               |            |          |             |           |             |              |             |           | 38            | 77       | 72             | 73           | 73       | 72       | 73                    | 70         | 36  | 28          | 5   | 45          | 43      | 47          | 26        | 58        | 42     | 37      | 30    | 34    | 31       | 32      |
| TTS 190030<br>89460174 | 9            | HBH                  | 160001              | TTS 160038        | 103          | 108           | 81         | 106      | 132         | 122       | 100         | 98           | 118         | 106       | 95            | 102      | 100            | 93           | 108      | 81       | 91                    | 106        | 95  | 100         | 91  | 65          | 99      | 123         | 130       | 107       | 95     | 100     | 95    | 97    | 109      | 95      |
|                        |              | T                    | 160038              |                   | 75           | 73            | 71         | 73       | 38          | 60        | 73          | 24           | 53          | 34        | 15            | 0.79     | -0.2           | 9            | 9.8      | -4.1     | 14                    | 13.1       | 77  | 26          | -10 | -1.3        | 12.3    | -17.4       | -7.9      | 23.1      | 11     | 22      | -0.10 | -0.76 | 1.01     | -0.03   |
|                        |              |                      |                     |                   |              |               |            |          |             |           |             |              |             |           | 32            | 77       | 73             | 73           | 73       | 71       | 72                    | 60         | 36  | 28          | 9   | 44          | 42      | 49          | 27        | 59        | 41     | 36      | 32    | 36    | 33       | 34      |
| ST 200002<br>89855746  | 8            | T                    | 110098              | T 140029          | 77           | 122           | 95         | 106      | 112         | 120       | 118         |              |             | 121       | 98            | 81       | 75             | 93           | 122      | 95       | 117                   | 124        | 124 | 111         | 107 | 95          | 106     | 113         | 109       | 108       | 120    | 118     | 111   | 98    | 103      | 111     |
|                        |              | T                    | 140029              |                   | 77           | 75            | 74         | 76       | 42          | 63        | 75          |              |             | 16        | 18            | 2.56     | 2.7            | 8            | 15.5     | 0.5      | 76                    | 22.8       | 135 | 53          | -23 | -0.1        | 15.4    | -12.5       | -4.1      | 23.6      | 26     | 34      | 1.08  | -0.66 | 0.30     | 0.19    |
|                        |              |                      |                     |                   |              |               |            |          |             |           |             |              |             |           | 37            | 79       | 75             | 76           | 75       | 74       | 75                    | 72         | 23  | 19          | 9   | 28          | 27      | 53          | 31        | 62        | 26     | 23      | 16    | 17    | 15       | 16      |
| ST 200017<br>90279589  | 4            | T                    | 110098              | CR 090089         | 95           | 112           | 106        | 87       | 112         | 117       | 110         |              |             | 115       | 120           | 102      | 90             | 113          | 112      | 106      | 109                   | 130        | 115 | 97          | 103 | 100         | 101     | 106         | 113       | 105       | 122    | 116     | 110   | 95    | 105      | 110     |
|                        |              | CR                   | 090089              |                   | 77           | 74            | 74         | 74       | 40          | 61        | 74          |              |             | 16        | 39            | 0.80     | 1.0            | 30           | 11.2     | 3.8      | 56                    | 25.8       | 117 | 18          | -20 | 0.1         | 13.4    | -9.0        | -4.8      | 21.9      | 27     | 33      | 1.01  | -0.91 | 0.46     | 0.17    |
|                        |              |                      |                     |                   |              |               |            |          |             |           |             |              |             |           | 34            | 79       | 75             | 74           | 74       | 74       | 74                    | 70         | 21  | 20          | 7   | 27          | 26      | 50          | 30        | 62        | 25     | 22      | 15    | 16    | 14       | 16      |
| ST 200021<br>90279613  | 5            | HBH                  | 160026              | ST 150023         | 103          | 99            | 99         | 131      | 91          | 101       | 109         | 102          | 100         | 101       | 78            | 104      | 87             | 75           | 99       | 99       | 112                   | 98         | 112 | 96          | 108 | 76          | 123     | 107         | 87        | 104       | 97     | 103     | 110   | 93    | 93       | 109     |
|                        |              | ST                   | 150023              |                   | 76           | 73            | 72         | 74       | 35          | 59        | 73          | 22           | 52          | 35        | -2            | 0.66     | 1.3            | -11          | 6.1      | 1.8      | 64                    | 9.0        | 110 | 16          | -24 | -0.9        | 23.5    | -9.2        | -0.3      | 20.9      | 12     | 25      | 0.99  | -1.02 | -0.91    | 0.16    |
|                        |              |                      |                     |                   |              |               |            |          |             |           |             |              |             |           | 34            | 78       | 73             | 74           | 73       | 73       | 74                    | 70         | 35  | 21          | 6   | 43          | 41      | 47          | 23        | 58        | 40     | 35      | 33    | 37    | 33       | 35      |
| ST 200045<br>90701871  | 9            | T                    | 110098              | ST 170059         | 83           | 121           | 112        | 94       | 92          | 113       | 126         | 106          | 111         | 109       | 108           | 84       | 90             | 104          | 121      | 112      | 127                   | 121        | 117 | 99          | 101 | 89          | 100     | 88          | 95        | 109       | 120    | 119     | 109   | 91    | 92       | 108     |
|                        |              | ST                   | 170059              |                   | 76           | 73            | 69         | 74       | 41          | 61        | 73          | 20           | 53          | 24        | 27            | 2.33     | 1.0            | 20           | 15.3     | 5.8      | 99                    | 21.1       | 122 | 25          | -18 | -0.3        | 13.1    | 0.3         | -1.7      | 24.0      | 26     | 34      | 0.92  | -1.17 | -1.05    | 0.15    |
|                        |              |                      |                     |                   |              |               |            |          |             |           |             |              |             |           | 33            | 78       | 73             | 74           | 69       | 72       | 74                    | 72         | 27  | 17          | 9   | 35          | 33      | 53          | 29        | 60        | 32     | 28      | 23    | 26    | 23       | 24      |
| ST 200053<br>91123489  | 4            | HBH                  | 160001              | T 140077          | 82           | 123           | 101        | 95       | 106         | 118       | 121         | 94           | 114         | 112       | 107           | 81       | 94             | 104          | 123      | 101      | 117                   | 116        | 105 | 84          | 97  | 77          | 117     | 94          | 109       | 103       | 107    | 114     | 99    | 97    | 101      | 99      |
|                        |              | T                    | 140077              |                   | 75           | 73            | 68         | 73       | 38          | 59        | 72          | 21           | 51          | 32        | 27            | 2.58     | 0.5            | 20           | 15.9     | 2.1      | 76                    | 18.8       | 97  | -13         | -15 | -0.8        | 20.7    | -2.7        | -4.2      | 20.2      | 18     | 32      | 0.19  | -0.75 | -0.01    | 0.03    |
|                        |              |                      |                     |                   |              |               |            |          |             |           |             |              |             |           | 35            | 77       | 72             | 73           | 68       | 71       | 73                    | 70         | 34  | 18          | 5   | 43          | 41      | 50          | 26        | 57        | 40     | 35      | 30    | 34    | 30       | 32      |
| ST 200058<br>91123505  | 5            | HBH                  | 160001              | ST 150036         | 79           | 118           | 95         | 87       | 111         | 112       | 107         | 99           | 109         | 104       | 115           | 77       | 94             | 115          | 118      | 95       | 103                   | 118        | 100 | 114         | 97  | 80          | 111     | 89          | 117       | 99        | 103    | 107     | 97    | 99    | 103      | 98      |
|                        |              | ST                   | 150036              |                   | 72           | 71            | 63         | 70       | 38          | 57        | 70          | 20           | 50          | 32        | 34            | 2.90     | 0.5            | 32           | 13.9     | 0.5      | 44                    | 19.4       | 86  | 61          | -15 | -0.7        | 18.0    | -0.5        | -5.5      | 17.9      | 16     | 27      | 0.07  | -0.60 | 0.24     | 0.00    |
|                        |              |                      |                     |                   |              |               |            |          |             |           |             |              |             |           | 33            | 75       | 69             | 70           | 63       | 68       | 70                    | 32         | 20  | 5           | 40  | 38          | 50      | 26          | 58        | 37        | 33     | 30      | 34    | 30    | 32       |         |
| ST 200061<br>91123315  | 6            | R                    | 090088              | ST 170064         | 90           | 102           | 108        | 102      | 110         | 109       | 103         |              |             | 102       | 98            | 88       | 95             | 96           | 102      | 108      | 111                   | 98         | 107 | 100         | 99  | 101         | 109     | 110         | 108       | 106       | 111    | 107     | 104   | 100   | 97       | 104     |
|                        |              | ST                   | 170064              |                   | 74           | 73            | 70         | 74       | 42          | 61        | 73          |              |             | 14        | 18            | 1.95     | 0.4            | 11           | 7.0      | 4.4      | 62                    | 9.2        | 102 | 26          | -17 | 0.2         | 16.8    | -10.8       | -4.0      | 22.1      | 20     | 27      | 0.58  | -0.55 | -0.49    | 0.10    |
|                        |              |                      |                     |                   |              |               |            |          |             |           |             |              |             |           | 38            | 76       | 72             | 74           | 73       | 70       | 72                    | 70         | 21  | 19          | 5   | 24          | 24      | 53          | 30        | 62        | 23     | 21      | 13    | 15    | 13       | 14      |
| ST 200070<br>91123356  | 5            | HBH                  | 160026              | ST 160048         | 91           | 92            | 88         | 105      | 93          | 81        | 79          | 99           | 81          | 95        | 98            | 98       | 76             | 95           | 92       | 88       | 84                    | 92         | 105 | 98          | 104 | 85          | 117     | 95          | 93        | 102       | 96     | 91      | 102   | 103   | 87       | 102     |
|                        |              | ST                   | 160048              |                   | 73           | 71            | 63         | 71       | 37          | 57        | 70          | 20           | 50          | 32        | 17            | 1.10     | 2.5            | 10           | 3.2      | -2.0     | -2                    | 5.7        | 98  | 20          | -21 | -0.5        | 20.6    | -3.4        | -1.5      | 19.5      | 12     | 17      | 0.39  | -0.27 | -1.73    | 0.06    |
|                        |              |                      |                     |                   |              |               |            |          |             |           |             |              |             |           | 36            | 76       | 70             | 71           | 71       | 63       | 68                    | 72         | 32  | 21          | 5   | 41          | 39      | 50          | 24        | 58        | 37     | 33      | 30    | 34    | 30       | 32      |
| ST 200073<br>91123380  | 5            | HBH                  | 160026              | ST 160038         | 97           | 94            | 100        | 110      | 81          | 83        | 93          | 106          | 84          | 99        | 92            | 104      | 77             | 89           | 94       | 100      | 101                   | 99         | 113 | 98          | 105 | 86          | 121     | 85          | 82        | 99        | 103    | 101     | 105   | 105   | 87       | 105     |
|                        |              | ST                   | 160038              |                   | 73           | 73            | 69         | 73       | 37          | 59        | 72          | 20           | 51          | 32        | 11            | 0.66     | 2.4            | 4            | 4.1      | 2.1      | 39                    | 9.4        | 112 | 20          | -22 | -0.5        | 22.8    | 1.5         | 0.5       | 18.2      | 16     | 23      | 0.63  | -0.19 | -1.73    | 0.11    |
|                        |              |                      |                     |                   |              |               |            |          |             |           |             |              |             |           | 34            | 76       | 71             | 73           | 69       | 72       | 72                    | 32         | 20  | 5           | 40  | 38          | 50      | 24          | 57        | 37        | 32     | 30      | 34    | 30    | 32       |         |

# Breeding Values and Accuracies: Cows & Heifers

| Animal     |              |                   |                     | Selection Values |               |            |          |             |           |             |              |             |           | Birth         |          |                | Wean         |          |          |             | Growth & Adaptability |     |             |     |             | Fertility |             |           |           | Frame  |        | Carcass |       |          |         |  |
|------------|--------------|-------------------|---------------------|------------------|---------------|------------|----------|-------------|-----------|-------------|--------------|-------------|-----------|---------------|----------|----------------|--------------|----------|----------|-------------|-----------------------|-----|-------------|-----|-------------|-----------|-------------|-----------|-----------|--------|--------|---------|-------|----------|---------|--|
| ID         | % Inbreeding | Genomic Parentage | Index<br>EBV<br>Acc | Calv. Ease V     | Calf Growth V | Milk Value | Maint. V | Fertility V | Cow Value | Wean Calf V | Growth Value | Prod. Value | Carcass V | Cow wt -birth | Birth wt | Cow-Calf birth | Cow wt -wean | Wean dir | Wean mat | Cow-Calf wn | Post wn wt            | ADG | Veld growth | FOR | Skin Thickn | Scrotum   | Heifer Fert | Cow Fert. | Longevity | Height | Length | EMA     | Fat   | Marbling | Dress % |  |
| Animal no  |              |                   | Sire ID<br>Dam ID   |                  |               |            |          |             |           |             |              |             |           |               |          |                |              |          |          |             |                       |     |             |     |             |           |             |           |           |        |        |         |       |          |         |  |
| ST 200075  | 5            | HBH 160001        | ST 150012           | 90               | 118           | 85         | 95       | 117         | 115       | 106         | 97           | 112         | 100       | 106           | 90       | 96             | 105          | 118      | 85       | 97          | 115                   | 95  | 111         | 97  | 79          | 102       | 102         | 119       | 106       | 99     | 101    | 93      | 89    | 101      | 92      |  |
| 91123588   |              |                   |                     | 73               | 72            | 68         | 72       | 37          | 58        | 71          | 20           | 50          | 32        | 26            | 1.80     | 0.3            | 22           | 13.8     | -2.9     | 29          | 18.0                  | 77  | 53          | -14 | -0.7        | 13.9      | -6.6        | -5.9      | 22.1      | 14     | 23     | -0.25   | -1.34 | 0.00     | -0.07   |  |
|            |              |                   |                     |                  |               |            |          |             |           |             |              |             |           | 32            | 76       | 70             | 72           | 72       | 68       | 71          | 68                    | 32  | 18          | 5   | 40          | 38        | 49          | 25        | 57        | 37     | 33     | 30      | 34    | 30       | 32      |  |
| ST 200092  | 8            | T 110098          | T 110148            | 98               | 113           | 110        | 96       | 121         | 128       | 119         |              |             | 121       | 104           | 99       | 97             | 102          | 113      | 110      | 119         | 119                   | 131 | 98          | 116 | 98          | 113       | 112         | 122       | 113       | 133    | 125    | 108     | 93    | 109      | 108     |  |
| 91627810   |              |                   |                     | 76               | 74            | 71         | 74       | 42          | 61        | 74          |              |             | 16        | 24            | 1.08     | 0.1            | 18           | 11.7     | 5.0      | 80          | 20.3                  | 149 | 22          | -31 | 0.0         | 19.0      | -11.7       | -6.4      | 26.8      | 33     | 39     | 0.83    | -1.01 | 0.97     | 0.14    |  |
|            |              |                   |                     |                  |               |            |          |             |           |             |              |             |           | 42            | 78       | 74             | 74           | 74       | 71       | 73          | 72                    | 26  | 29          | 10  | 29          | 31        | 53          | 30        | 61        | 30     | 26     | 16      | 17    | 15       | 16      |  |
| ST 200096  | 6            | HBH 160026        | ST 160030           | 91               | 122           | 109        | 78       | 90          | 108       | 123         | 128          | 111         | 129       | 127           | 95       | 100            | 125          | 122      | 109      | 114         | 123                   | 139 | 107         | 121 | 82          | 131       | 101         | 87        | 103       | 130    | 131    | 124     | 98    | 91       | 124     |  |
| 91513820   |              |                   |                     | 74               | 72            | 65         | 73       | 38          | 58        | 71          | 22           | 51          | 34        | 46            | 1.43     | -0.1           | 43           | 15.3     | 4.9      | 68          | 22.3                  | 165 | 43          | -35 | -0.6        | 27.2      | -6.2        | -0.4      | 20.3      | 31     | 43     | 2.04    | -0.70 | -1.19    | 0.37    |  |
|            |              |                   |                     |                  |               |            |          |             |           |             |              |             |           | 34            | 76       | 71             | 73           | 72       | 65       | 70          | 72                    | 34  | 22          | 7   | 42          | 40        | 51          | 26        | 59        | 39     | 35     | 31      | 36    | 32       | 34      |  |
| TTS 200002 | 6            | AM 120022         | AM 090120           | 107              | 95            | 101        | 106      | 117         | 111       | 96          | 94           | 107         | 91        | 92            | 116      | 79             | 92           | 95       | 101      | 101         | 90                    | 97  | 100         | 95  | 93          | 105       | 115         | 115       | 98        | 91     | 99     | 86      | 82    | 87       | 85      |  |
| 89894414   |              |                   |                     | 75               | 71            | 66         | 71       | 36          | 58        | 71          | 23           | 51          | 29        | 12            | -0.35    | 2.2            | 8            | 4.3      | 2.4      | 38          | 4.6                   | 82  | 25          | -13 | -0.2        | 15.2      | -13.4       | -5.2      | 17.6      | 9      | 22     | -0.73   | -1.85 | -1.65    | -0.17   |  |
|            |              |                   |                     |                  |               |            |          |             |           |             |              |             |           | 31            | 77       | 72             | 71           | 71       | 66       | 69          | 57                    | 33  | 27          | 10  | 39          | 38        | 44          | 28        | 62        | 37     | 33     | 27      | 31    | 28       | 29      |  |
| TTS 200008 | 6            | HBH 160026        | TTS 150028          | 91               | 109           | 92         | 90       | 110         | 106       | 98          | 115          | 107         | 117       | 110           | 94       | 93             | 111          | 109      | 92       | 95          | 114                   | 126 | 93          | 110 | 75          | 121       | 121         | 105       | 100       | 111    | 112    | 119     | 104   | 93       | 119     |  |
| 90870122   |              |                   |                     | 75               | 74            | 72         | 74       | 36          | 60        | 74          | 22           | 52          | 34        | 30            | 1.48     | 0.6            | 28           | 10.3     | -0.7     | 24          | 17.4                  | 139 | 8           | -26 | -0.9        | 22.6      | -16.2       | -3.5      | 18.5      | 20     | 31     | 1.64    | -0.22 | -0.92    | 0.30    |  |
|            |              |                   |                     |                  |               |            |          |             |           |             |              |             |           | 36            | 77       | 72             | 74           | 74       | 72       | 73          | 64                    | 35  | 31          | 7   | 44          | 42        | 49          | 24        | 59        | 40     | 36     | 32      | 36    | 33       | 34      |  |
| TTS 200013 | 7            | HBH 160026        | TTS 150029          | 100              | 114           | 84         | 103      | 100         | 104       | 107         | 115          | 106         | 115       | 100           | 99       | 100            | 97           | 114      | 84       | 97          | 112                   | 124 | 98          | 109 | 77          | 119       | 119         | 94        | 106       | 107    | 110    | 116     | 106   | 94       | 117     |  |
| 90870312   |              |                   |                     | 75               | 74            | 72         | 74       | 36          | 60        | 74          | 23           | 53          | 34        | 19            | 1.08     | -0.2           | 12           | 12.1     | -3.1     | 29          | 16.6                  | 134 | 22          | -25 | -0.8        | 21.9      | -15.4       | -1.6      | 22.3      | 18     | 29     | 1.44    | -0.11 | -0.90    | 0.27    |  |
|            |              |                   |                     |                  |               |            |          |             |           |             |              |             |           | 36            | 77       | 72             | 74           | 74       | 72       | 73          | 72                    | 35  | 30          | 8   | 43          | 42        | 49          | 24        | 58        | 40     | 36     | 33      | 36    | 33       | 34      |  |
| TTS 200021 | 4            | T 110098          | GH 100158           | 99               | 110           | 118        | 91       | 93          | 110       | 120         |              |             | 117       | 110           | 98       | 104            | 107          | 110      | 118      | 122         | 111                   | 129 | 99          | 116 | 97          | 110       | 89          | 95        | 112       | 133    | 127    | 111     | 98    | 105      | 111     |  |
| 90870296   |              |                   |                     | 75               | 74            | 70         | 74       | 40          | 61        | 73          |              |             | 22        | 29            | 1.16     | -0.6           | 23           | 10.6     | 7.7      | 88          | 16.2                  | 145 | 23          | -31 | 0.0         | 17.3      | -0.6        | -1.8      | 26.0      | 33     | 40     | 1.04    | -0.68 | 0.50     | 0.18    |  |
|            |              |                   |                     |                  |               |            |          |             |           |             |              |             |           | 35            | 77       | 72             | 74           | 74       | 70       | 73          | 62                    | 27  | 29          | 9   | 33          | 31        | 52          | 29        | 62        | 30     | 27     | 21      | 22    | 20       | 22      |  |
| TTS 200031 | 6            | HBH 160001        | TTS 140006          | 90               | 117           | 87         | 90       | 125         | 120       | 105         | 112          | 120         | 105       | 111           | 91       | 99             | 111          | 117      | 87       | 96          | 117                   | 106 | 132         | 108 | 75          | 107       | 104         | 128       | 97        | 106    | 109    | 97      | 102   | 103      | 97      |  |
| 91082271   |              |                   |                     | 72               | 72            | 67         | 72       | 36          | 58        | 71          | 24           | 51          | 33        | 30            | 1.75     | -0.1           | 28           | 13.4     | -2.2     | 26          | 19.1                  | 99  | 106         | -24 | -0.9        | 16.3      | -7.8        | -7.5      | 16.6      | 17     | 28     | 0.02    | -0.35 | 0.25     | 0.00    |  |
|            |              |                   |                     |                  |               |            |          |             |           |             |              |             |           | 36            | 75       | 70             | 72           | 72       | 67       | 70          | 64                    | 37  | 28          | 7   | 46          | 44        | 47          | 24        | 56        | 42     | 38     | 31      | 35    | 31       | 33      |  |
| ST 210007  | 10           | AM 120022         | T 090099            | 99               | 95            | 88         | 138      | 105         | 102       | 97          | 96           | 99          | 88        | 73            | 101      | 74             | 68           | 95       | 88       | 99          | 89                    | 98  | 112         | 97  | 100         | 91        | 96          | 107       | 97        | 92     | 91     | 82      | 87    | 90       | 81      |  |
| 91914176   |              |                   |                     | 75               | 75            | 71         | 73       | 39          | 61        | 74          | 22           | 53          | 24        | -7            | 0.88     | 2.8            | -19          | 4.1      | -1.8     | 33          | 4.3                   | 83  | 56          | -15 | 0.1         | 8.8       | -4.0        | -3.9      | 16.5      | 10     | 17     | -1.07   | -1.45 | -1.31    | -0.23   |  |
|            |              |                   |                     |                  |               |            |          |             |           |             |              |             |           | 39            | 77       | 72             | 73           | 75       | 71       | 73          | 74                    | 29  | 20          | 14  | 35          | 34        | 51          | 27        | 61        | 33     | 29     | 23      | 25    | 22       | 24      |  |
| ST 210010  | 7            | HBH 160001        | ST 150023           | 103              | 109           | 82         | 124      | 135         | 129       | 109         | 87           | 123         | 97        | 83            | 100      | 99             | 81           | 109      | 82       | 98          | 102                   | 90  | 92          | 91  | 67          | 107       | 126         | 132       | 95        | 86     | 98     | 92      | 87    | 109      | 91      |  |
| 91914481   |              |                   |                     | 73               | 70            | 63         | 70       | 36          | 57        | 69          | 22           | 50          | 35        | 3             | 1.00     | 0.0            | -5           | 10.0     | -3.7     | 32          | 11.3                  | 67  | 6           | -9  | -1.2        | 15.9      | -19.1       | -8.2      | 15.2      | 6      | 21     | -0.29   | -1.48 | 0.96     | -0.08   |  |
|            |              |                   |                     |                  |               |            |          |             |           |             |              |             |           | 34            | 76       | 70             | 70           | 70       | 63       | 68          | 70                    | 34  | 19          | 6   | 43          | 41        | 48          | 25        | 58        | 39     | 35     | 33      | 37    | 33       | 35      |  |
| ST 210016  | 6            | HBH 160001        | CR 090080           | 93               | 116           | 74         | 99       | 131         | 120       | 100         | 92           | 115         | 98        | 102           | 89       | 105            | 102          | 116      | 74       | 87          | 110                   | 89  | 99          | 90  | 76          | 105       | 124         | 128       | 91        | 94     | 95     | 89      | 101   | 104      | 90      |  |
| 91914507   |              |                   |                     | 74               | 74            | 69         | 72       | 38          | 60        | 73          | 22           | 52          | 34        | 22            | 1.90     | -0.7           | 18           | 12.9     | -6.3     | 4           | 15.6                  | 66  | 23          | -8  | -0.8        | 15.1      | -17.9       | -7.5      | 13.1      | 11     | 20     | -0.54   | -0.45 | 0.42     | -0.11   |  |
|            |              |                   |                     |                  |               |            |          |             |           |             |              |             |           | 34            | 77       | 71             | 72           | 74       | 69       | 72          | 71                    | 35  | 27          | 7   | 43          | 42        | 50          | 26        | 58        | 40     | 35     | 31      | 36    | 32       | 34      |  |
| ST 210017  | 7            | R 090088          | ST 180006           | 104              | 84            | 90         | 124      | 103         | 90        | 82          |              |             | 76        | 80            | 104      | 93             | 81           | 84       | 90       | 84          | 82                    | 83  | 112         | 87  | 90          | 92        | 106         | 101       | 104       | 82     | 77     | 88      | 105   | 101      | 88      |  |
| 91914242   |              |                   |                     | 74               | 73            | 70         | 74       | 40          | 60        | 73          |              |             | 18        | 0             | 0.62     | 0.7            | -5           | -0.3     | -1.3     | -1          | 0.5                   | 53  | 55          | -6  | -0.3        | 9.3       | -8.8        | -2.8      | 21.2      | 4      | 8      | -0.61   | -0.18 | -0.04    | -0.12   |  |
|            |              |                   |                     |                  |               |            |          |             |           |             |              |             |           | 36            | 76       | 72             | 74           | 73       | 70       | 72          | 72                    | 24  | 28          | 5   | 28          | 27        | 52          | 29        | 60        | 26     | 24     | 17      | 18    | 17       | 18      |  |

# Breeding Values and Accuracies: Cows & Heifers

| Animal    |            |            |            | Selection Values |               |            |          |             |           |             |              |             |           | Birth         |          |                | Wean         |          |          |             | Growth & Adaptability |     |             |     |             | Fertility |             |           |           | Frame  |        | Carcass |       |          |         |
|-----------|------------|------------|------------|------------------|---------------|------------|----------|-------------|-----------|-------------|--------------|-------------|-----------|---------------|----------|----------------|--------------|----------|----------|-------------|-----------------------|-----|-------------|-----|-------------|-----------|-------------|-----------|-----------|--------|--------|---------|-------|----------|---------|
| ID        | Inbreeding | Genomic    | Index      | Calv. Ease V     | Calf Growth V | Milk Value | Maint. V | Fertility V | Cow Value | Wean Calf V | Growth Value | Prod. Value | Carcass V | Cow wt -birth | Birth wt | Cow-Calf birth | Cow wt -wean | Wean dir | Wean mat | Cow-Calf wn | Post wn wt            | ADG | Veld growth | FCR | Skin Thickn | Scrotum   | Heifer Fert | Cow Fert. | Longevity | Height | Length | EMA     | Fat   | Marbling | Dress % |
| Animal no | %          | Parentage  | EBV<br>Acc |                  |               |            |          |             |           |             |              |             |           |               |          |                |              |          |          |             |                       |     |             |     |             |           |             |           |           |        |        |         |       |          |         |
| ST 210023 | 5          | HBH 160026 |            | 85               | 95            | 104        | 102      | 95          | 91        | 90          | 98           | 90          | 100       | 98            | 93       | 73             | 96           | 95       | 104      | 102         | 93                    | 104 | 88          | 100 | 86          | 118       | 104         | 93        | 105       | 97     | 95     | 108     | 103   | 88       | 108     |
| 91969949  |            | ST 150032  |            | 69               | 66            | 69         | 73       | 32          | 55        | 68          | 20           | 48          | 32        | 17            | 1.58     | 2.9            | 12           | 4.5      | 3.1      | 40          | 6.7                   | 95  | -3          | -17 | -0.5        | 21.4      | -7.8        | -1.4      | 21.4      | 12     | 19     | 0.84    | -0.34 | -1.58    | 0.15    |
|           |            |            |            |                  |               |            |          |             |           |             |              |             |           |               | 33       | 70             | 70           | 73       | 66       | 69          | 69                    | 59  | 32          | 21  | 5           | 40        | 38          | 42        | 22        | 58     | 37     | 33      | 30    | 34       | 31      |
| ST 210029 | 5          | GH 150004  |            | 96               | 95            | 84         | 110      | 94          | 85        | 85          | 101          | 85          | 89        | 89            | 97       | 91             | 90           | 95       | 84       | 84          | 100                   | 101 | 132         | 98  | 103         | 92        | 108         | 90        | 105       | 93     | 88     | 94      | 116   | 113      | 95      |
| 92336429  |            | ST 180065  |            | 74               | 71            | 58         | 59       | 37          | 55        | 68          | 23           | 49          | 39        | 9             | 1.23     | 0.9            | 5            | 4.3      | -3.1     | -1          | 10.2                  | 89  | 106         | -16 | 0.2         | 8.9       | -9.9        | -0.8      | 21.6      | 10     | 15     | -0.20   | 0.60  | 1.51     | -0.03   |
|           |            |            |            |                  |               |            |          |             |           |             |              |             |           |               | 33       | 76             | 66           | 59       | 71       | 58          | 63                    | 72  | 38          | 17  | 5           | 44        | 43          | 52        | 22        | 58     | 42     | 38      | 37    | 41       | 37      |
| ST 210034 | 6          | GH 150004  |            | 105              | 102           | 76         | 124      | 87          | 87        | 97          | 102          | 87          | 98        | 83            | 99       | 105            | 81           | 102      | 76       | 85          | 99                    | 103 | 106         | 91  | 103         | 91        | 103         | 83        | 93        | 92     | 89     | 97      | 121   | 116      | 99      |
| 92336502  |            | ST 180041  |            | 70               | 71            | 58         | 59       | 36          | 55        | 67          | 23           | 49          | 38        | 3             | 1.02     | -0.7           | -4           | 7.2      | -5.7     | 1           | 9.3                   | 92  | 41          | -9  | 0.2         | 8.5       | -7.4        | 0.4       | 14.0      | 10     | 16     | 0.06    | 0.96  | 1.87     | 0.03    |
|           |            |            |            |                  |               |            |          |             |           |             |              |             |           |               | 33       | 74             | 63           | 59       | 71       | 58          | 63                    | 72  | 38          | 17  | 5           | 44        | 43          | 52        | 21        | 57     | 42     | 38      | 37    | 40       | 37      |
| ST 210035 | 6          | HBH 120014 |            | 108              | 88            | 80         | 132      | 102         | 91        | 85          | 89           | 88          | 87        | 77            | 106      | 94             | 75           | 88       | 80       | 80          | 85                    | 90  | 86          | 83  | 84          | 88        | 107         | 100       | 97        | 83     | 81     | 97      | 109   | 105      | 97      |
| 92336510  |            | ST 180033  |            | 71               | 69            | 58         | 59       | 40          | 55        | 66          | 22           | 48          | 28        | -3            | 0.46     | 0.5            | -11          | 1.6      | -4.5     | -12         | 2.4                   | 67  | -8          | -2  | -0.5        | 7.3       | -9.1        | -2.5      | 16.6      | 5      | 10     | 0.03    | 0.09  | 0.43     | 0.00    |
|           |            |            |            |                  |               |            |          |             |           |             |              |             |           |               | 36       | 74             | 64           | 59       | 69       | 58          | 62                    | 70  | 34          | 46  | 9           | 40        | 39          | 51        | 29        | 58     | 37     | 34      | 27    | 28       | 27      |
| ST 210046 | 6          | TT 170045  |            | 91               | 111           | 125        | 91       | 85          | 106       | 123         | 113          | 107         | 114       | 109           | 90       | 100            | 107          | 111      | 125      | 129         | 103                   | 128 | 87          | 109 | 118         | 117       | 92          | 84        | 98        | 118    | 116    | 112     | 107   | 101      | 113     |
| 92596709  |            | ST 170042  |            | 73               | 72            | 61         | 69       | 35          | 56        | 70          | 33           | 51          | 33        | 28            | 1.78     | -0.2           | 23           | 11.0     | 9.9      | 106         | 11.7                  | 144 | -6          | -26 | 0.8         | 20.9      | -1.8        | 0.1       | 17.6      | 24     | 33     | 1.14    | -0.02 | 0.06     | 0.21    |
|           |            |            |            |                  |               |            |          |             |           |             |              |             |           |               | 32       | 76             | 69           | 69       | 72       | 61          | 67                    | 71  | 33          | 24  | 29          | 42        | 40          | 47        | 23        | 57     | 39     | 34      | 31    | 35       | 31      |
| ST 210049 | 6          | HBH 160026 |            | 120              | 83            | 92         | 112      | 91          | 83        | 82          | 98           | 82          | 93        | 89            | 122      | 100            | 88           | 83       | 92       | 83          | 82                    | 103 | 112         | 108 | 86          | 119       | 99          | 90        | 100       | 96     | 92     | 101     | 100   | 85       | 101     |
| 92596725  |            | ST 160001  |            | 73               | 71            | 63         | 71       | 34          | 56        | 70          | 20           | 49          | 32        | 9             | -0.84    | -0.2           | 3            | -0.7     | -0.7     | -5          | 0.5                   | 94  | 55          | -24 | -0.5        | 21.6      | -5.4        | -0.9      | 18.7      | 12     | 17     | 0.32    | -0.50 | -1.94    | 0.05    |
|           |            |            |            |                  |               |            |          |             |           |             |              |             |           |               | 33       | 76             | 70           | 71       | 71       | 63          | 68                    | 68  | 32          | 20  | 5           | 40        | 38          | 45        | 22        | 59     | 37     | 32      | 30    | 34       | 30      |
| ST 210058 | 6          | ST 160007  |            | 88               | 100           | 107        | 91       | 116         | 109       | 95          |              |             | 103       | 109           | 92       | 89             | 108          | 100      | 107      | 103         | 108                   | 107 | 114         | 102 | 100         | 99        | 109         | 116       | 114       | 106    | 103    | 106     | 95    | 103      | 106     |
| 92528488  |            | ST 150009  |            | 73               | 72            | 62         | 69       | 36          | 57        | 70          |              |             | 16        | 28            | 1.66     | 1.0            | 25           | 6.4      | 4.1      | 43          | 14.2                  | 102 | 60          | -19 | 0.1         | 12.3      | -10.2       | -5.4      | 27.1      | 17     | 24     | 0.73    | -0.90 | 0.26     | 0.12    |
|           |            |            |            |                  |               |            |          |             |           |             |              |             |           |               | 32       | 76             | 68           | 69       | 72       | 62          | 68                    | 68  | 20          | 17  | 6           | 23        | 23          | 47        | 25        | 55     | 22     | 20      | 15    | 16       | 15      |
| ST 210061 | 4          | ST 160007  |            | 100              | 104           | 106        | 98       | 82          | 93        | 107         |              |             | 108       | 102           | 99       | 99             | 100          | 104      | 106      | 109         | 106                   | 113 | 106         |     | 99          | 111       | 84          | 83        | 110       | 112    | 111    | 110     | 99    | 96       | 110     |
| 92528512  |            | T 140139   |            | 74               | 73            | 66         | 71       | 32          | 57        | 71          |              |             | 10        | 22            | 1.01     | -0.1           | 16           | 8.2      | 3.7      | 58          | 13.1                  | 113 | 41          |     | 0.1         | 18.0      | 2.1         | 0.3       | 24.6      | 21     | 29     | 0.98    | -0.63 | -0.61    | 0.17    |
|           |            |            |            |                  |               |            |          |             |           |             |              |             |           |               | 32       | 77             | 69           | 71       | 73       | 66          | 70                    | 70  | 19          | 13  |             | 25        | 24          | 44        | 20        | 54     | 23     | 20      | 10    | 10       | 9       |
| ST 210079 | 7          | ST 160007  |            | 106              | 104           | 88         | 97       | 104         | 100       | 98          |              |             | 106       | 104           | 104      | 108            | 102          | 104      | 88       | 91          | 93                    | 102 | 60          | 89  | 96          | 94        | 95          | 105       | 107       | 103    | 98     | 98      | 85    | 101      | 96      |
| 93009793  |            | AM 150021  |            | 72               | 72            | 61         | 69       | 34          | 56        | 70          |              |             | 20        | 24            | 0.65     | -1.1           | 19           | 8.0      | -1.8     | 14          | 6.3                   | 91  | -72         | -8  | 0.0         | 10.2      | -3.6        | -3.6      | 22.7      | 16     | 21     | 0.09    | -1.60 | 0.00     | -0.01   |
|           |            |            |            |                  |               |            |          |             |           |             |              |             |           |               | 32       | 76             | 67           | 69       | 72       | 61          | 67                    | 70  | 25          | 14  | 7           | 29        | 28          | 45        | 22        | 56     | 27     | 25      | 19    | 21       | 19      |
| ST 210102 | 5          | ST 160007  |            | 91               | 95            | 111        | 98       | 94          | 94        | 95          |              |             | 93        | 100           | 98       | 80             | 100          | 95       | 111      | 107         | 101                   | 103 | 122         | 104 | 100         | 100       | 83          | 98        | 117       | 104    | 97     | 98      | 92    | 96       | 97      |
| 92858711  |            | T 140129   |            | 72               | 73            | 62         | 69       | 32          | 56        | 70          |              |             | 15        | 20            | 1.11     | 2.1            | 16           | 4.3      | 5.5      | 53          | 10.8                  | 94  | 79          | -21 | 0.1         | 12.7      | 2.6         | -2.3      | 29.3      | 16     | 20     | 0.09    | -1.09 | -0.61    | -0.01   |
|           |            |            |            |                  |               |            |          |             |           |             |              |             |           |               | 30       | 76             | 67           | 69       | 73       | 62          | 68                    | 70  | 18          | 16  | 5           | 22        | 22          | 44        | 20        | 54     | 21     | 19      | 14    | 16       | 14      |
| ST 210106 | 8          | AM 120022  |            | 113              | 102           | 93         | 99       | 91          | 95        | 101         | 98           | 93          | 100       | 100           | 112      | 108            | 100          | 102      | 93       | 95          | 89                    | 99  | 93          | 92  | 102         | 94        | 91          | 92        | 91        | 99     | 99     | 101     | 83    | 91       | 100     |
| 92858752  |            | R 100303   |            | 75               | 73            | 66         | 69       | 36          | 58        | 71          | 21           | 51          | 24        | 19            | -0.05    | -1.0           | 16           | 7.3      | -0.2     | 25          | 4.5                   | 84  | 10          | -10 | 0.2         | 10.2      | -1.6        | -1.2      | 12.8      | 14     | 22     | 0.36    | -1.77 | -1.26    | 0.03    |
|           |            |            |            |                  |               |            |          |             |           |             |              |             |           |               | 30       | 77             | 71           | 69       | 73       | 66          | 69                    | 64  | 28          | 16  | 11          | 35        | 33          | 45        | 26        | 61     | 32     | 28      | 22    | 25       | 22      |
| ST 210112 | 4          | AM 120022  |            | 102              | 96            | 108        | 128      | 110         | 114       | 109         | 95           | 111         | 95        | 79            | 100      | 92             | 77           | 96       | 108      | 117         | 83                    | 99  | 104         | 99  | 97          | 102       | 109         | 109       | 98        | 100    | 101    | 92      | 86    | 89       | 91      |
| 92858810  |            | SW 130076  |            | 73               | 72            | 60         | 58       | 32          | 54        | 68          | 20           | 47          | 24        | -1            | 0.95     | 0.7            | -9           | 4.6      | 4.6      | 77          | 1.2                   | 86  | 35          | -17 | 0.0         | 13.9      | -10.6       | -4.1      | 17.4      | 14     | 23     | -0.35   | -1.54 | -1.45    | -0.09   |
|           |            |            |            |                  |               |            |          |             |           |             |              |             |           |               | 34       | 76             | 65           | 58       | 72       | 60          | 63                    | 66  | 28          | 18  | 10          | 34        | 33          | 41        | 24        | 59     | 32     | 28      | 22    | 25       | 22      |

# Breeding Values and Accuracies: Cows & Heifers

| Animal                 |              |                         |                     | Selection Values  |              |               |            |           |             |           |             |              |             | Birth     |               |             | Wean           |              |             |             | Growth & Adaptability |             |            |             |            | Fertility  |             |              |             | Frame       |           | Carcass   |             |              |              |             |
|------------------------|--------------|-------------------------|---------------------|-------------------|--------------|---------------|------------|-----------|-------------|-----------|-------------|--------------|-------------|-----------|---------------|-------------|----------------|--------------|-------------|-------------|-----------------------|-------------|------------|-------------|------------|------------|-------------|--------------|-------------|-------------|-----------|-----------|-------------|--------------|--------------|-------------|
| ID<br>Animal no        | % Inbreeding | Genomic<br>Parentage    | Index<br>EBV<br>Acc | Sire ID<br>Dam ID | Calv. Ease V | Calf Growth V | Milk Value | Maint. V  | Fertility V | Cow Value | Wean Calf V | Growth Value | Prod. Value | Carcass V | Cow wt -birth | Birth wt    | Cow-Calf birth | Cow wt -wean | Wean dir    | Wean mat    | Cow-Calf wn           | Post wn wt  | ADG        | Veld growth | FCR        | Skin Thckn | Scrotum     | Heifer Fert  | Cow Fert.   | Longevity   | Height    | Length    | EMA         | Fat          | Marbling     | Dress %     |
|                        |              |                         |                     |                   |              |               |            |           |             |           |             |              |             |           |               |             |                |              |             |             |                       |             |            |             |            |            |             |              |             |             |           |           |             |              |              |             |
| ST 210120<br>92859081  | 6            | TT 170045<br>ST 170077  |                     |                   | 105<br>70    | 93<br>71      | 132<br>60  | 100<br>69 | 77<br>33    | 94<br>55  | 113<br>68   | 98<br>32     | 93<br>50    | 96<br>32  | 96<br>15      | 103<br>0.76 | 107<br>-0.9    | 96<br>12     | 93<br>3.4   | 132<br>12.2 | 128<br>103            | 87<br>3.5   | 111<br>110 | 83<br>-15   | 105<br>-22 | 109<br>0.5 | 112<br>18.2 | 77<br>5.8    | 79<br>1.0   | 94<br>14.9  | 102<br>16 | 101<br>23 | 105<br>0.62 | 94<br>-0.98  | 105<br>0.54  | 104<br>0.09 |
| ST 210124<br>92859123  | 5            | TTS 170006<br>T 110148  |                     |                   | 104<br>69    | 113<br>65     | 94<br>50   | 98<br>49  | 111<br>26   | 116<br>47 | 111<br>61   |              |             | 112<br>16 | 100<br>20     | 105<br>0.51 | 98<br>0.1      | 101<br>17    | 113<br>11.6 | 94<br>0.2   | 104<br>46             | 106<br>13.3 | 111<br>109 | 83<br>-15   | 102<br>-19 | 94<br>-0.1 | 107<br>16.2 | 106<br>-9.0  | 112<br>-4.7 | 104<br>21.3 | 113<br>22 | 113<br>31 | 104<br>0.58 | 91<br>-1.17  | 99<br>-0.21  | 104<br>0.09 |
| TTS 210010<br>92328665 | 6            | GH 150004<br>TTS 180019 |                     |                   | 108<br>73    | 97<br>71      | 80<br>57   | 119<br>59 | 94<br>38    | 89<br>55  | 92<br>67    | 103<br>26    | 89<br>49    | 96<br>40  | 85<br>5       | 106<br>0.49 | 100<br>-0.2    | 84<br>-2     | 97<br>5.1   | 80<br>-4.3  | 84<br>-1              | 95<br>7.6   | 102<br>92  | 103<br>32   | 88<br>-7   | 97<br>0.0  | 90<br>8.3   | 111<br>-11.2 | 88<br>-0.6  | 104<br>21.2 | 86<br>6   | 88<br>15  | 96<br>0.00  | 121<br>1.00  | 118<br>2.08  | 98<br>0.02  |
| TTS 210021<br>92335678 | 9            | ADM 180052<br>T 090052  |                     |                   | 82<br>72     | 107<br>71     | 112<br>63  | 84<br>68  | 83<br>26    | 91<br>54  | 103<br>69   | 96<br>20     | 90<br>47    | 102<br>21 | 118<br>37     | 90<br>1.85  | 84<br>1.6      | 117<br>34    | 107<br>9.3  | 112<br>5.6  | 109<br>58             | 106<br>13.0 | 106<br>100 | 92<br>6     | 100<br>-17 | 97<br>0.0  | 110<br>17.5 | 101<br>-6.3  | 79<br>1.1   | 94<br>15.1  | 106<br>17 | 109<br>28 | 104<br>0.53 | 93<br>-1.01  | 98<br>-0.31  | 103<br>0.08 |
| ST 220014<br>93485316  | 7            | AM 120022<br>ST 170074  |                     |                   | 94<br>71     | 99<br>70      | 92<br>56   | 119<br>57 | 92<br>38    | 93<br>54  | 98<br>66    |              |             | 90<br>22  | 84<br>4       | 97<br>1.26  | 82<br>1.8      | 83<br>-2     | 99<br>6.1   | 92<br>-0.5  | 100<br>35             | 91<br>5.5   | 95<br>77   | 112<br>56   | 93<br>-12  | 99<br>0.1  | 96<br>11.1  | 96<br>-3.6   | 91<br>-1.0  | 94<br>15.0  | 94<br>11  | 94<br>19  | 92<br>-0.29 | 88<br>-1.38  | 91<br>-1.17  | 91<br>-0.08 |
| ST 220018<br>93485365  | 8            | TT 170045<br>CR 090098  |                     |                   | 85<br>72     | 89<br>72      | 107<br>56  | 131<br>66 | 86<br>33    | 89<br>55  | 96<br>68    | 89<br>32     | 86<br>50    | 85<br>32  | 75<br>-4      | 89<br>1.91  | 66<br>3.6      | 74<br>-12    | 89<br>1.8   | 107<br>4.3  | 112<br>65             | 80<br>-0.2  | 96<br>79   | 85<br>-12   | 93<br>-11  | 116<br>0.7 | 100<br>12.9 | 79<br>4.4    | 90<br>-0.9  | 96<br>15.9  | 87<br>7   | 83<br>12  | 95<br>-0.13 | 103<br>-0.32 | 102<br>0.15  | 95<br>-0.04 |
| ST 220024<br>93485332  | 5            | AM 120022<br>T 080022   |                     |                   | 98<br>73     | 111<br>71     | 88<br>59   | 126<br>69 | 89<br>38    | 101<br>57 | 115<br>69   | 103<br>24    | 100<br>50   | 99<br>24  | 86<br>6       | 96<br>1.29  | 93<br>0.6      | 79<br>-6     | 111<br>11.1 | 88<br>-1.8  | 108<br>55             | 100<br>10.4 | 107<br>102 | 102<br>31   | 97<br>-15  | 97<br>0.0  | 97<br>11.5  | 88<br>0.0    | 90<br>-0.9  | 98<br>17.1  | 101<br>15 | 103<br>24 | 97<br>0.04  | 91<br>-1.15  | 88<br>-1.57  | 96<br>-0.01 |
| ST 220027<br>93485449  | 6            | TT 170045<br>AM 140016  |                     |                   | 99<br>72     | 91<br>70      | 109<br>55  | 120<br>54 | 73<br>32    | 82<br>52  | 99<br>66    | 99<br>35     | 82<br>49    | 91<br>33  | 83<br>3       | 101<br>0.86 | 85<br>1.5      | 83<br>-3     | 91<br>2.7   | 109<br>4.7  | 110<br>60             | 87<br>3.2   | 109<br>105 | 108<br>46   | 104<br>-21 | 110<br>0.5 | 94<br>9.8   | 71<br>8.7    | 77<br>1.3   | 89<br>11.9  | 91<br>9   | 92<br>17  | 96<br>-0.06 | 104<br>-0.27 | 106<br>0.55  | 96<br>-0.02 |
| ST 220031<br>93946788  | 8            | ADM 180052<br>ST 200002 |                     |                   | 80<br>69     | 139<br>68     | 102<br>56  | 85<br>66  | 96<br>32    | 122<br>53 | 138<br>66   |              |             | 119<br>20 | 120<br>39     | 59<br>4.42  | 89<br>1.1      | 117<br>34    | 139<br>22.5 | 102<br>2.5  | 123<br>91             | 134<br>28.2 | 123<br>134 | 99<br>16    | 105<br>13  | 95<br>28   | 114<br>19.4 | 106<br>-8.9  | 92<br>-1.2  | 103<br>20.7 | 123<br>27 | 125<br>39 | 117<br>1.48 | 90<br>-1.21  | 100<br>-0.09 | 116<br>0.25 |
| ST 220034<br>93947000  | 7            | TT 170020<br>ST 190091  |                     |                   | 87<br>69     | 111<br>70     | 89<br>59   | 104<br>68 | 98<br>34    | 100<br>55 | 103<br>67   | 101<br>35    | 99<br>51    | 99<br>38  | 97<br>28      | 88<br>2.00  | 89<br>1.1      | 95<br>11     | 111<br>11.0 | 89<br>-1.6  | 100<br>36             | 113<br>17.1 | 96<br>80   | 116<br>65   | 104<br>-21 | 108<br>0.4 | 100<br>12.9 | 96<br>-3.7   | 98<br>-2.3  | 107<br>22.6 | 100<br>43 | 96<br>45  | 90<br>-0.51 | 93<br>-1.01  | 107<br>0.77  | 89<br>-0.11 |
| ST 220035<br>93946978  | 7            | TT 170020<br>ST 190083  |                     |                   | 81<br>69     | 119<br>69     | 109<br>58  | 101<br>67 | 92<br>33    | 110<br>54 | 124<br>67   | 109<br>34    | 110<br>50   | 108<br>36 | 101<br>21     | 80<br>2.61  | 90<br>1.0      | 96<br>12     | 119<br>14.4 | 109<br>4.9  | 127<br>99             | 120<br>20.7 | 108<br>103 | 115<br>63   | 110<br>-26 | 118<br>0.8 | 111<br>17.9 | 82<br>3.1    | 95<br>-1.8  | 105<br>22.0 | 114<br>22 | 110<br>29 | 94<br>-0.15 | 95<br>-0.86  | 102<br>0.12  | 94<br>-0.04 |
| ST 220039<br>94231701  | 6            | GH 150004<br>ST 190035  |                     |                   | 96<br>72     | 99<br>72      | 88<br>63   | 124<br>71 | 93<br>37    | 93<br>57  | 97<br>70    | 107<br>25    | 93<br>51    | 100<br>42 | 83<br>3       | 96<br>1.32  | 88<br>1.2      | 81<br>-5     | 99<br>6.0   | 88<br>-1.9  | 95<br>25              | 102<br>11.0 | 110<br>107 | 114<br>60   | 100<br>-17 | 98<br>0.0  | 102<br>13.6 | 109<br>-10.2 | 88<br>-0.6  | 108<br>23.7 | 96<br>12  | 94<br>18  | 103<br>0.50 | 119<br>0.85  | 110<br>1.05  | 105<br>0.11 |

# Breeding Values and Accuracies: Cows & Heifers

| Animal    |              |                   |                     | Selection Values |        |              |               |            |          |             |           |             |              | Birth       |           |               | Wean     |                |              |          | Growth & Adaptability |             |            |      |             | Fertility |            |         |             | Frame     |           | Carcass |        |       |       |          |         |
|-----------|--------------|-------------------|---------------------|------------------|--------|--------------|---------------|------------|----------|-------------|-----------|-------------|--------------|-------------|-----------|---------------|----------|----------------|--------------|----------|-----------------------|-------------|------------|------|-------------|-----------|------------|---------|-------------|-----------|-----------|---------|--------|-------|-------|----------|---------|
| ID        | % Inbreeding | Genomic Parentage | Index<br>EBV<br>Acc | Sire ID          | Dam ID | Calv. Ease V | Calf Growth V | Milk Value | Maint. V | Fertility V | Cow Value | Wean Calf V | Growth Value | Prod. Value | Carcass V | Cow wt -birth | Birth wt | Cow-Calf birth | Cow wt -wean | Wean dir | Wean mat              | Cow-Calf wn | Post wn wt | ADG  | Veld growth | FCR       | Skin Thckn | Scrotum | Heifer Fert | Cow Fert. | Longevity | Height  | Length | EMA   | Fat   | Marbling | Dress % |
| Animal no |              |                   |                     |                  |        |              |               |            |          |             |           |             |              |             |           |               |          |                |              |          |                       |             |            |      |             |           |            |         |             |           |           |         |        |       |       |          |         |
| ST 220040 | 6            | GH                | 150004              | 115              | 88     | 69           | 143           | 80         | 75       | 85          | 98        | 76          | 90           | 66          | 114       | 91            | 64       | 88             | 69           | 72       | 84                    | 98          | 92         | 89   | 92          | 95        | 115        | 71      | 108         | 84        | 80        | 94      | 121    | 110   | 96    |          |         |
| 94286077  |              | ST                | 190068              | 72               | 71     | 62           | 71            | 36         | 57       | 69          | 24        | 50          | 42           | -14         | -0.19     | 0.8           | -23      | 1.4            | -7.7         | -30      | 1.6                   | 84          | 7          | -8   | -0.2        | 10.4      | -13.3      | 2.4     | 23.8        | 5         | 10        | -0.16   | 0.98   | 1.04  | -0.02 |          |         |
|           |              |                   |                     |                  |        |              |               |            |          |             |           |             |              | 34          | 75        | 68            | 71       | 71             | 62           | 68       | 70                    | 41          | 21         | 5    | 48          | 46        | 52         | 20      | 55          | 45        | 41        | 40      | 44     | 40    | 42    |          |         |
| ST 220041 | 6            | GH                | 150004              | 92               | 112    | 68           | 103           | 104        | 96       | 93          | 103       | 96          | 102          | 99          | 87        | 110           | 97       | 112            | 68           | 80       | 109                   | 103         | 120        | 95   | 90          | 94        | 117        | 99      | 103         | 93        | 94        | 93      | 116    | 119   | 95    |          |         |
| 94231719  |              | ST                | 190024              | 72               | 70     | 56           | 58            | 39         | 55       | 66          | 25        | 49          | 42           | 18          | 2.04      | -1.3          | 13       | 11.3           | -8.0         | -12      | 14.6                  | 93          | 76         | -13  | -0.3        | 10.1      | -14.6      | -2.4    | 20.3        | 10        | 19        | -0.26   | 0.64   | 2.16  | -0.03 |          |         |
|           |              |                   |                     |                  |        |              |               |            |          |             |           |             |              | 35          | 75        | 64            | 58       | 70             | 56           | 61       | 70                    | 41          | 21         | 6    | 48          | 47        | 52         | 26      | 56          | 45        | 42        | 40      | 44     | 40    | 42    |          |         |
| ST 220043 | 7            | GH                | 150004              | 106              | 101    | 84           | 123           | 85         | 90       | 101         | 106       | 90          | 101          | 84          | 103       | 101           | 81       | 101            | 84           | 94       | 94                    | 110         | 91         | 93   | 99          | 104       | 105        | 80      | 105         | 96        | 94        | 102     | 122    | 108   | 104   |          |         |
| 94231727  |              | ST                | 190036              | 72               | 72     | 64           | 71            | 36         | 57       | 70          | 24        | 50          | 42           | 4           | 0.75      | -0.3          | -4       | 6.9            | -3.0         | 21       | 7.0                   | 107         | 4          | -12  | 0.1         | 14.8      | -8.1       | 0.8     | 21.8        | 12        | 19        | 0.43    | 1.07   | 0.83  | 0.10  |          |         |
|           |              |                   |                     |                  |        |              |               |            |          |             |           |             |              | 35          | 75        | 69            | 71       | 72             | 64           | 69       | 70                    | 40          | 18         | 5    | 47          | 46        | 52         | 21      | 55          | 45        | 41        | 40      | 43     | 40    | 42    |          |         |
| ST 220046 | 5            | GH                | 150004              | 102              | 98     | 66           | 129           | 98         | 89       | 87          | 101       | 88          | 97           | 79          | 98        | 97            | 78       | 98             | 66           | 73       | 92                    | 102         | 103        | 95   | 103         | 92        | 114        | 93      | 105         | 94        | 87        | 94      | 118    | 119   | 96    |          |         |
| 94231750  |              | ST                | 190074              | 72               | 72     | 63           | 71            | 36         | 57       | 70          | 24        | 50          | 38           | -1          | 1.12      | 0.1           | -8       | 5.7            | -8.7         | -28      | 5.9                   | 91          | 32         | -13  | 0.2         | 9.1       | -13.1      | -1.5    | 21.7        | 11        | 14        | -0.16   | 0.79   | 2.19  | -0.02 |          |         |
|           |              |                   |                     |                  |        |              |               |            |          |             |           |             |              | 35          | 75        | 68            | 71       | 72             | 63           | 69       | 70                    | 39          | 20         | 6    | 44          | 43        | 52         | 20      | 56          | 42        | 39        | 37      | 40     | 37    | 38    |          |         |
| ST 220047 | 5            | GH                | 150004              | 114              | 92     | 82           | 132           | 80         | 82       | 94          | 95        | 81          | 88           | 75          | 110       | 119           | 75       | 92             | 82           | 86       | 82                    | 95          | 102        | 89   | 103         | 89        | 96         | 78      | 104         | 89        | 83        | 93      | 115    | 113   | 94    |          |         |
| 94231768  |              | ST                | 190015              | 72               | 72     | 63           | 71            | 37         | 57       | 70          | 23        | 50          | 38           | -5          | 0.16      | -2.3          | -11      | 3.2            | -3.7         | 3        | 0.5                   | 78          | 32         | -7   | 0.2         | 7.6       | -3.8       | 1.3     | 21.0        | 8         | 11        | -0.27   | 0.57   | 1.46  | -0.04 |          |         |
|           |              |                   |                     |                  |        |              |               |            |          |             |           |             |              | 33          | 75        | 68            | 71       | 72             | 63           | 69       | 70                    | 38          | 16         | 5    | 44          | 43        | 52         | 22      | 56          | 42        | 38        | 37      | 40     | 37    | 38    |          |         |
| ST 220073 | 9            | ST                | 160007              | 105              | 111    | 104          | 98            | 94         | 107      | 116         |           |             | 116          | 106         | 104       | 104           | 100      | 111            | 104          | 113      | 111                   | 116         | 105        | 103  | 103         | 109       | 99         | 92      | 113         | 114       | 112       | 111     | 102    | 101   | 111   |          |         |
| 94232774  |              | T                 | 140016              | 71               | 71     | 61           | 69            | 32         | 55       | 69          |           |             | 10           | 26          | 0.62      | -0.6          | 16       | 10.8           | 3.2          | 66       | 15.7                  | 120         | 39         | -20  | 0.2         | 16.8      | -5.3       | -1.3    | 26.8        | 22        | 30        | 1.08    | -0.39  | -0.04 | 0.20  |          |         |
|           |              |                   |                     |                  |        |              |               |            |          |             |           |             |              | 30          | 75        | 67            | 69       | 71             | 61           | 67       | 69                    | 17          | 14         | 6    | 21          | 20        | 45         | 18      | 52          | 19        | 17        | 9       | 10     | 9     | 10    |          |         |
| ST 220084 | 5            | HBH               | 160026              | 79               | 118    | 101          | 87            | 97         | 105      | 110         | 126       | 108         | 125          | 117         | 86        | 81            | 114      | 118            | 101          | 109      | 125                   | 136         | 127        | 122  | 79          | 127       | 110        | 92      | 105         | 124       | 127       | 124     | 97     | 95    | 124   |          |         |
| 94232881  |              | ST                | 180067              | 72               | 71     | 63           | 70            | 36         | 57       | 69          | 22        | 50          | 34           | 36          | 2.14      | 1.9           | 31       | 14.0           | 2.3          | 57       | 23.3                  | 159         | 91         | -37  | -0.7        | 25.2      | -11.1      | -1.3    | 21.6        | 28        | 40        | 2.00    | -0.72  | -0.75 | 0.36  |          |         |
|           |              |                   |                     |                  |        |              |               |            |          |             |           |             |              | 34          | 75        | 68            | 70       | 71             | 63           | 68       | 70                    | 34          | 23         | 7    | 42          | 40        | 50         | 23      | 55          | 39        | 35        | 33      | 36     | 33    | 34    |          |         |
| ST 220092 | 7            | GH                | 150004              | 107              | 98     | 64           | 132           | 87         | 82       | 89          | 99        | 81          | 91           | 77          | 102       | 103           | 76       | 98             | 64           | 72       | 91                    | 98          | 114        | 90   | 99          | 92        | 117        | 78      | 105         | 84        | 82        | 92      | 123    | 119   | 95    |          |         |
| 94233053  |              | ST                | 190042              | 71               | 71     | 62           | 71            | 37         | 57       | 69          | 26        | 51          | 42           | -2          | 0.82      | -0.5          | -10      | 5.8            | -9.3         | -31      | 5.5                   | 83          | 60         | -9   | 0.1         | 9.1       | -14.4      | 1.2     | 21.9        | 5         | 11        | -0.30   | 1.14   | 2.13  | -0.04 |          |         |
|           |              |                   |                     |                  |        |              |               |            |          |             |           |             |              | 35          | 74        | 68            | 71       | 71             | 62           | 68       | 70                    | 42          | 28         | 7    | 48          | 47        | 52         | 22      | 55          | 46        | 42        | 40      | 43     | 40    | 42    |          |         |
| ST 220094 | 6            | ST                | 180075              | 105              | 100    | 101          | 103           | 104        | 105      | 102         |           |             | 104          | 96          | 109       | 93            | 95       | 100            | 101          | 103      | 98                    | 110         | 87         | 99   | 92          | 94        | 94         | 106     | 114         | 117       | 108       | 116     | 85     | 101   | 114   |          |         |
| 94233079  |              | T                 | 140129              | 72               | 73     | 62           | 68            | 33         | 56       | 70          |           |             | 23           | 16          | 0.23      | 0.6           | 11       | 6.5            | 2.2          | 44       | 9.3                   | 107         | -6         | -17  | -0.2        | 10.0      | -2.8       | -3.7    | 27.2        | 24        | 28        | 1.43    | -1.59  | 0.00  | 0.23  |          |         |
|           |              |                   |                     |                  |        |              |               |            |          |             |           |             |              | 28          | 76        | 67            | 68       | 73             | 62           | 68       | 70                    | 24          | 16         | 5    | 31          | 30        | 45         | 21      | 52          | 28        | 24        | 21      | 25     | 21    | 23    |          |         |
| ST 220102 | 4            | HBH               | 160026              | 92               | 99     | 99           | 103           | 97         | 95       | 94          | 105       | 95          | 104          | 96          | 102       | 74            | 95       | 99             | 99           | 100      | 102                   | 113         | 98         |      | 81          | 119       | 105        | 95      | 110         | 106       | 103       | 111     | 96     | 88    | 111   |          |         |
| 94233152  |              | ST                | 180065              | 72               | 72     | 64           | 71            | 34         | 57       | 70          | 20        | 50          | 32           | 15          | 0.83      | 2.8           | 11       | 6.2            | 1.5          | 37       | 11.1                  | 114         | 21         | -0.6 |             | 21.5      | -8.5       | -1.7    | 25.0        | 18        | 25        | 1.09    | -0.80  | -1.62 | 0.19  |          |         |
|           |              |                   |                     |                  |        |              |               |            |          |             |           |             |              | 30          | 75        | 68            | 71       | 72             | 64           | 69       | 70                    | 31          | 19         |      | 40          | 38        | 48         | 21      | 55          | 37        | 32        | 30      | 34     | 30    | 32    |          |         |
| ST 220106 | 5            | AM                | 120022              | 94               | 120    | 106          | 93            | 104        | 119      | 124         | 110       | 118         | 120          | 110         | 96        | 95            | 106      | 120            | 106          | 119      | 111                   | 119         | 84         | 100  | 96          | 109       | 105        | 102     | 106         | 119       | 124       | 110     | 84     | 93    | 109   |          |         |
| 94233186  |              | ST                | 170064              | 72               | 72     | 64           | 71            | 38         | 58       | 70          | 20        | 50          | 22           | 29          | 1.30      | 0.3           | 23       | 14.9           | 3.8          | 80       | 15.9                  | 125         | -14        | -17  | -0.1        | 16.8      | -8.6       | -3.0    | 22.4        | 25        | 38        | 0.98    | -1.70  | -0.94 | 0.16  |          |         |
|           |              |                   |                     |                  |        |              |               |            |          |             |           |             |              | 28          | 75        | 69            | 71       | 72             | 64           | 69       | 71                    | 26          | 15         | 11   | 32          | 31        | 50         | 25      | 58          | 30        | 26        | 21      | 24     | 21    | 22    |          |         |
| ST 220113 | 4            | HBH               | 160026              | 100              | 106    | 99           | 104           | 95         | 102      | 107         | 111       | 103         | 108          | 96          | 102       | 91            | 94       | 106            | 99           | 107      | 107                   | 119         | 115        | 114  | 82          | 121       | 112        | 90      | 105         | 108       | 107       | 111     | 101    | 90    | 111   |          |         |
| 94327723  |              | ST                | 180041              | 72               | 72     | 63           | 70            | 34         | 56       | 70          | 20        | 49          | 32           | 16          | 0.81      | 0.8           | 10       | 9.1            | 1.6          | 52       | 13.9                  | 125         | 62         | -30  | -0.6        | 22.5      | -11.8      | -1.0    | 21.4        | 19        | 27        | 1.09    | -0.43  | -1.27 | 0.19  |          |         |
|           |              |                   |                     |                  |        |              |               |            |          |             |           |             |              | 31          | 75        | 68            | 70       | 72             | 63           | 68       | 71                    | 31          | 19         | 5    | 39          | 38        | 48         | 20      | 54          | 36        | 32        | 30      | 34     | 30    | 32    |          |         |

# Breeding Values and Accuracies: Cows & Heifers

| Animal     |            |            |            | Selection Values |               |            |          |             |           |             |              |             |           | Birth         |          |                | Wean         |          |          |             | Growth & Adaptability |     |             |     |            | Fertility |             |           |           | Frame  |        | Carcass |       |          |         |  |
|------------|------------|------------|------------|------------------|---------------|------------|----------|-------------|-----------|-------------|--------------|-------------|-----------|---------------|----------|----------------|--------------|----------|----------|-------------|-----------------------|-----|-------------|-----|------------|-----------|-------------|-----------|-----------|--------|--------|---------|-------|----------|---------|--|
| ID         | Inbreeding | Genomic    | Index      | Calv. Ease V     | Calf Growth V | Milk Value | Maint. V | Fertility V | Cow Value | Wean Calf V | Growth Value | Prod. Value | Carcass V | Cow wt -birth | Birth wt | Cow-Calf birth | Cow wt -wean | Wean dir | Wean mat | Cow-Calf wn | Post wn wt            | ADG | Veld growth | FCR | Skin Thckn | Scrotum   | Heifer Fert | Cow Fert. | Longevity | Height | Length | EMA     | Fat   | Marbling | Dress % |  |
| Animal no  | %          | Parentage  | EBV<br>Acc |                  |               |            |          |             |           |             |              |             |           |               |          |                |              |          |          |             |                       |     |             |     |            |           |             |           |           |        |        |         |       |          |         |  |
| ST 220115  | 6          | HBH 160026 |            | 102              | 111           | 107        | 89       | 86          | 101       | 115         | 121          | 104         | 120       | 114           | 102      | 106            | 110          | 111      | 107      | 111         | 114                   | 134 | 109         | 120 | 86         | 132       | 100         | 84        | 103       | 123    | 122    | 115     | 93    | 89       | 114     |  |
| 94327749   |            | ST 180063  |            | 71               | 71            | 63         | 71       | 40          | 58        | 69          | 22           | 51          | 34        | 33            | 0.81     | -0.9           | 27           | 11.1     | 4.1      | 61          | 17.7                  | 155 | 49          | -35 | -0.5       | 27.6      | -5.7        | 0.2       | 20.6      | 27     | 37     | 1.33    | -1.00 | -1.45    | 0.23    |  |
|            |            |            |            |                  |               |            |          |             |           |             |              |             |           | 33            | 74       | 68             | 71           | 71       | 63       | 68          | 71                    | 34  | 21          | 6   | 42         | 40        | 50          | 29        | 55        | 39     | 34     | 31      | 36    | 32       | 34      |  |
| ST 220131  | 8          | AM 120022  |            | 105              | 102           | 90         | 128      | 98          | 103       | 106         | 100          | 101         | 105       | 83            | 107      | 84             | 78           | 102      | 90       | 102         | 94                    | 105 | 90          | 94  | 95         | 95        | 96          | 98        | 103       | 102    | 101    | 97      | 85    | 93       | 96      |  |
| 94531530   |            | ST 170031  |            | 72               | 72            | 65         | 71       | 34          | 57        | 70          | 20           | 50          | 23        | 3             | 0.35     | 1.7            | -8           | 7.2      | -1.2     | 41          | 6.9                   | 97  | 1           | -12 | -0.1       | 10.6      | -4.0        | -2.3      | 20.7      | 15     | 23     | 0.02    | -1.63 | -0.91    | -0.02   |  |
|            |            |            |            |                  |               |            |          |             |           |             |              |             |           | 32            | 75       | 69             | 71           | 72       | 65       | 69          | 70                    | 26  | 16          | 12  | 32         | 31        | 44          | 25        | 58        | 30     | 27     | 22      | 24    | 21       | 23      |  |
| TTS 220008 | 4          | TT 170045  |            | 107              | 77            | 111        | 135      | 77          | 79        | 91          | 95           | 78          | 82        | 71            | 108      | 85             | 69           | 77       | 111      | 107         | 67                    | 104 | 96          | 114 | 113        | 100       | 79          | 80        | 99        | 95     | 86     | 85      | 105   | 104      | 85      |  |
| 93485621   |            | FF 120005  |            | 71               | 69            | 55         | 52       | 26          | 50        | 65          | 33           | 47          | 33        | -8            | 0.30     | 1.5            | -17          | -3.3     | 5.3      | 52          | -7.2                  | 96  | 17          | -29 | 0.6        | 12.7      | 4.8         | 0.9       | 17.7      | 11     | 13     | -0.84   | -0.18 | 0.32     | -0.16   |  |
|            |            |            |            |                  |               |            |          |             |           |             |              |             |           | 27            | 75       | 61             | 52           | 69       | 55       | 59          | 66                    | 33  | 28          | 29  | 41         | 40        | 37          | 16        | 55        | 39     | 34     | 31      | 35    | 31       | 33      |  |
| TTS 220012 | 7          | TT 170020  |            | 104              | 95            | 98         | 122      | 92          | 95        | 100         | 95           | 93          | 90        | 85            | 102      | 98             | 81           | 95       | 98       | 102         | 92                    | 90  | 108         | 103 | 116        | 102       | 86          | 94        | 108       | 97     | 89     | 82      | 96    | 101      | 81      |  |
| 93947026   |            | TTS 190023 |            | 66               | 67            | 50         | 50       | 30          | 49        | 62          | 34           | 46          | 36        | 5             | 0.84     | 0.1            | -4           | 4.2      | 1.2      | 41          | 5.7                   | 68  | 46          | -20 | 0.8        | 14.0      | 1.1         | -1.6      | 23.3      | 12     | 15     | -1.09   | -0.80 | -0.04    | -0.22   |  |
|            |            |            |            |                  |               |            |          |             |           |             |              |             |           | 32            | 71       | 56             | 50           | 67       | 50       | 56          | 59                    | 36  | 31          | 29  | 43         | 41        | 37          | 22        | 52        | 40     | 36     | 34      | 37    | 34       | 36      |  |
| TTS 220016 | 6          | GH 150004  |            | 100              | 104           | 77         | 126      | 93          | 93        | 99          | 103          | 93          | 102       | 83            | 98       | 95             | 80           | 104      | 77       | 89          | 99                    | 102 | 112         | 91  | 90         | 96        | 109         | 88        | 104       | 92     | 93     | 97      | 119   | 118      | 99      |  |
| 94233434   |            | TTS 190016 |            | 71               | 70            | 55         | 58       | 36          | 54        | 66          | 25           | 48          | 42        | 4             | 1.18     | 0.4            | -5           | 8.1      | -5.4     | 9           | 9.5                   | 90  | 55          | -10 | -0.3       | 11.0      | -10.4       | -0.5      | 20.8      | 9      | 18     | 0.07    | 0.86  | 2.08     | 0.03    |  |
|            |            |            |            |                  |               |            |          |             |           |             |              |             |           | 34            | 74       | 63             | 58           | 70       | 55       | 61          | 70                    | 41  | 21          | 6   | 48         | 46        | 52          | 20        | 54        | 45     | 41     | 40      | 44    | 40       | 42      |  |
| TTS 220025 | 5          | TT 170045  |            | 111              | 93            | 111        | 128      | 97          | 106       | 110         | 112          | 107         | 99        | 77            | 110      | 95             | 76           | 93       | 111      | 118         | 88                    | 123 | 98          | 113 | 113        | 108       | 83          | 101       | 100       | 110    | 103    | 109     | 115   | 99       | 110     |  |
| 94233806   |            | TTS 150011 |            | 72               | 72            | 61         | 69       | 33          | 56        | 69          | 34           | 52          | 32        | -2            | 0.10     | 0.4            | -10          | 3.4      | 5.4      | 78          | 3.7                   | 133 | 22          | -28 | 0.6        | 16.7      | 2.9         | -2.8      | 18.6      | 20     | 24     | 0.90    | 0.53  | -0.19    | 0.17    |  |
|            |            |            |            |                  |               |            |          |             |           |             |              |             |           | 36            | 75       | 67             | 69           | 72       | 61       | 67          | 57                    | 36  | 30          | 29  | 46         | 44        | 46          | 20        | 55        | 42     | 37     | 30      | 35    | 30       | 32      |  |
| TTS 220029 | 7          | ST 180075  |            | 91               | 129           | 94         | 87       | 96          | 114       | 125         |              |             | 127       | 115           | 88       | 106            | 114          | 129      | 94       | 111         | 121                   | 130 | 87          | 108 | 89         | 108       | 91          | 98        | 104       | 134    | 130    | 130     | 93    | 104      | 129     |  |
| 94233848   |            | T 140130   |            | 71               | 70            | 53         | 49       | 31          | 51        | 64          |              |             | 20        | 34            | 1.95     | -0.8           | 31           | 18.6     | 0.1      | 63          | 21.1                  | 147 | -6          | -25 | -0.3       | 16.6      | -1.3        | -2.3      | 21.2      | 33     | 42     | 2.45    | -1.04 | 0.37     | 0.44    |  |
|            |            |            |            |                  |               |            |          |             |           |             |              |             |           | 31            | 75       | 60             | 49           | 70       | 53       | 57          | 67                    | 25  | 17          | 6   | 34         | 32        | 43          | 19        | 52        | 30     | 26     | 19      | 22    | 19       | 20      |  |
| TTS 220030 | 7          | TT 170045  |            | 94               | 96            | 122        | 108      | 88          | 99        | 109         | 104          | 99          | 100       | 90            | 93       | 93             | 89           | 96       | 122      | 125         | 93                    | 116 | 98          | 106 | 108        | 104       | 90          | 90        | 101       | 101    | 101    | 100     | 106   | 110      | 101     |  |
| 94233855   |            | TTS 160039 |            | 71               | 72            | 61         | 69       | 34          | 56        | 69          | 34           | 52          | 34        | 10            | 1.54     | 0.6            | 4            | 4.8      | 8.9      | 95          | 6.6                   | 119 | 22          | -23 | 0.4        | 14.6      | -0.9        | -0.8      | 19.1      | 15     | 23     | 0.25    | -0.06 | 1.04     | 0.05    |  |
|            |            |            |            |                  |               |            |          |             |           |             |              |             |           | 33            | 75       | 67             | 69           | 72       | 61       | 67          | 69                    | 35  | 30          | 29  | 44         | 42        | 47          | 22        | 54        | 40     | 35     | 32      | 36    | 32       | 34      |  |
| TTS 220041 | 5          | TT 170045  |            | 106              | 89            | 121        | 106      | 86          | 93        | 102         | 109          | 94          | 99        | 92            | 107      | 96             | 91           | 89       | 121      | 116         | 85                    | 118 | 96          | 111 | 120        | 112       | 75          | 91        | 99        | 106    | 100    | 109     | 114   | 98       | 110     |  |
| 94328457   |            | TTS 150010 |            | 71               | 72            | 61         | 68       | 28          | 54        | 69          | 34           | 50          | 32        | 12            | 0.38     | 0.3            | 6            | 1.9      | 8.4      | 74          | 2.4                   | 123 | 17          | -27 | 0.9        | 18.2      | 6.6         | -1.0      | 17.8      | 17     | 22     | 0.90    | 0.47  | -0.30    | 0.17    |  |
|            |            |            |            |                  |               |            |          |             |           |             |              |             |           | 35            | 75       | 67             | 68           | 72       | 61       | 67          | 63                    | 35  | 28          | 29  | 45         | 43        | 37          | 20        | 55        | 41     | 36     | 29      | 34    | 30       | 32      |  |
| TTS 220042 | 7          | HBH 160026 |            | 97               | 98            | 92         | 117      | 91          | 91        | 96          | 106          | 92          | 104       | 86            | 100      | 84             | 84           | 98       | 92       | 97          | 97                    | 113 | 104         | 109 | 76         | 115       | 112         | 85        | 106       | 101    | 100    | 104     | 104   | 96       | 104     |  |
| 94328465   |            | TTS 180008 |            | 72               | 71            | 58         | 58       | 33          | 54        | 67          | 23           | 48          | 35        | 6             | 0.97     | 1.7            | -1           | 5.5      | -0.7     | 29          | 8.5                   | 114 | 36          | -26 | -0.9       | 19.8      | -11.8       | -0.1      | 22.5      | 14     | 23     | 0.55    | -0.24 | -0.58    | 0.10    |  |
|            |            |            |            |                  |               |            |          |             |           |             |              |             |           | 36            | 75       | 64             | 58           | 71       | 58       | 62          | 70                    | 36  | 30          | 7   | 44         | 42        | 43          | 23        | 55        | 41     | 37     | 33      | 37    | 33       | 35      |  |
| TTS 220054 | 7          | HBH 160026 |            | 95               | 108           | 84         | 93       | 91          | 90        | 93          | 109          | 91          | 108       | 110           | 101      | 88             | 107          | 108      | 84       | 88          | 115                   | 115 | 102         | 112 | 78         | 116       | 107         | 87        | 103       | 108    | 105    | 116     | 105   | 92       | 116     |  |
| 94531944   |            | TTS 180031 |            | 71               | 71            | 62         | 70       | 32          | 55        | 69          | 23           | 49          | 35        | 29            | 0.92     | 1.2            | 24           | 9.7      | -3.0     | 8           | 18.2                  | 117 | 31          | -28 | -0.8       | 20.2      | -9.4        | -0.4      | 20.7      | 19     | 26     | 1.43    | -0.19 | -1.04    | 0.26    |  |
|            |            |            |            |                  |               |            |          |             |           |             |              |             |           | 33            | 74       | 67             | 70           | 71       | 62       | 68          | 60                    | 36  | 31          | 7   | 44         | 42        | 42          | 22        | 54        | 41     | 36     | 33      | 37    | 34       | 35      |  |
| TTS 220057 | 8          | HBH 160026 |            | 97               | 104           | 87         | 106      | 83          | 85        | 96          | 105          | 86          | 107       | 95            | 101      | 85             | 93           | 104      | 87       | 93          | 105                   | 112 | 100         | 107 | 77         | 117       | 104         | 78        | 104       | 102    | 102    | 112     | 106   | 91       | 112     |  |
| 94531977   |            | TTS 180022 |            | 71               | 70            | 57         | 57       | 32          | 53        | 66          | 23           | 47          | 35        | 15            | 0.85     | 1.5            | 9            | 8.2      | -2.3     | 20          | 12.6                  | 111 | 27          | -23 | -0.8       | 20.9      | -7.9        | 1.2       | 20.9      | 15     | 24     | 1.12    | -0.10 | -1.17    | 0.20    |  |
|            |            |            |            |                  |               |            |          |             |           |             |              |             |           | 34            | 74       | 63             | 57           | 70       | 57       | 61          | 61                    | 35  | 30          | 7   | 44         | 42        | 42          | 22        | 55        | 40     | 36     | 33      | 37    | 33       | 35      |  |

# Breeding Values and Accuracies: Cows & Heifers

| Animal    |              |                   |                     | Selection Values |               |            |          |             |           |             |              |             |           | Birth         |          |                | Wean         |          |          |             | Growth & Adaptability |     |             |     |             | Fertility |             |           |           | Frame  |        | Carcass |       |          |         |
|-----------|--------------|-------------------|---------------------|------------------|---------------|------------|----------|-------------|-----------|-------------|--------------|-------------|-----------|---------------|----------|----------------|--------------|----------|----------|-------------|-----------------------|-----|-------------|-----|-------------|-----------|-------------|-----------|-----------|--------|--------|---------|-------|----------|---------|
| ID        | % Inbreeding | Genomic Parentage | Index<br>EBV<br>Acc | Calv. Ease V     | Calf Growth V | Milk Value | Maint. V | Fertility V | Cow Value | Wean Calf V | Growth Value | Prod. Value | Carcass V | Cow wt -birth | Birth wt | Cow-Calf birth | Cow wt -wean | Wean dir | Wean mat | Cow-Calf wn | Post wn wt            | ADG | Veld growth | FCR | Skin Thickn | Scrotum   | Heifer Fert | Cow Fert. | Longevity | Height | Length | EMA     | Fat   | Marbling | Dress % |
| Animal no |              |                   | Sire ID<br>Dam ID   |                  |               |            |          |             |           |             |              |             |           |               |          |                |              |          |          |             |                       |     |             |     |             |           |             |           |           |        |        |         |       |          |         |
| ST 230002 | 4            | HBH 160026        | 95080032            | 90               | 102           | 105        | 103      | 79          | 88        | 103         | 107          | 89          | 105       | 96            | 93       | 86             | 95           | 102      | 105      | 109         | 106                   | 118 | 105         | 115 | 79          | 129       | 98          | 75        | 102       | 111    | 111    | 113     | 91    | 92       | 111     |
|           |              | ST 170077         |                     | 69               | 70            | 56         | 58       | 31          | 52        | 66          | 20           | 46          | 33        | 16            | 1.54     | 1.4            | 11           | 7.4      | 3.6      | 58          | 13.2                  | 122 | 37          | -30 | -0.7        | 26.1      | -4.6        | 1.6       | 20.0      | 20     | 30     | 1.18    | -1.17 | -1.06    | 0.19    |
|           |              |                   |                     |                  |               |            |          |             |           |             |              |             |           | 31            | 73       | 61             | 58           | 70       | 56       | 61          | 58                    | 32  | 19          | 5   | 40          | 38        | 42          | 20        | 55        | 37     | 33     | 31      | 35    | 31       | 33      |
| ST 230026 | 5            | HBH 160026        | 95174561            | 99               | 105           | 98         | 103      | 70          | 83        | 104         | 95           | 82          | 98        | 98            | 106      | 82             | 96           | 105      | 98       | 105         | 100                   | 108 | 83          | 100 | 77          | 120       | 98          | 66        | 100       | 102    | 104    | 106     | 94    | 85       | 105     |
|           |              | R 110150          |                     | 71               | 71            | 58         | 57       | 30          | 53        | 67          | 22           | 47          | 32        | 18            | 0.48     | 1.9            | 11           | 8.6      | 1.4      | 47          | 10.4                  | 102 | -16         | -17 | -0.8        | 21.9      | -4.7        | 3.4       | 18.3      | 15     | 25     | 0.68    | -0.97 | -1.95    | 0.11    |
|           |              |                   |                     |                  |               |            |          |             |           |             |              |             |           | 32            | 75       | 63             | 57           | 71       | 58       | 62          | 62                    | 35  | 21          | 5   | 44          | 42        | 40          | 21        | 56        | 40     | 35     | 30      | 35    | 31       | 32      |
| ST 230028 | 5            | HBH 160026        | 95174587            | 108              | 102           | 92         | 111      | 79          | 87        | 101         | 112          | 89          | 105       | 91            | 112      | 89             | 88           | 102      | 92       | 99          | 96                    | 118 | 106         | 113 | 85          | 122       | 88          | 78        | 98        | 107    | 107    | 109     | 100   | 84       | 109     |
|           |              | ST 180046         |                     | 69               | 69            | 55         | 56       | 30          | 51        | 65          | 22           | 45          | 34        | 11            | -0.04    | 1.1            | 3            | 7.0      | -0.6     | 33          | 8.0                   | 123 | 41          | -29 | -0.5        | 23.0      | 0.1         | 1.2       | 17.5      | 18     | 27     | 0.92    | -0.53 | -2.07    | 0.16    |
|           |              |                   |                     |                  |               |            |          |             |           |             |              |             |           | 32            | 73       | 60             | 56           | 69       | 55       | 60          | 70                    | 34  | 22          | 7   | 42          | 40        | 41          | 20        | 54        | 39     | 35     | 31      | 36    | 32       | 34      |
| ST 230030 | 6            | TT 170045         | 95174595            | 97               | 96            | 108        | 106      | 86          | 91        | 100         | 107          | 92          | 87        | 91            | 98       | 91             | 91           | 96       | 108      | 109         | 101                   | 112 | 136         | 111 | 116         | 101       | 78          | 90        | 88        | 102    | 95     | 97      | 110   | 98       | 98      |
|           |              | CR 100093         |                     | 71               | 72            | 56         | 53       | 30          | 52        | 66          | 34           | 48          | 35        | 11            | 1.11     | 0.9            | 7            | 4.8      | 4.3      | 57          | 10.4                  | 111 | 116         | -27 | 0.7         | 13.4      | 5.3         | -0.9      | 11.2      | 15     | 20     | 0.06    | 0.23  | -0.36    | 0.01    |
|           |              |                   |                     |                  |               |            |          |             |           |             |              |             |           | 30            | 75       | 61             | 53           | 72       | 56       | 60          | 64                    | 34  | 30          | 29  | 44          | 43        | 40          | 20        | 56        | 40     | 35     | 33      | 37    | 33       | 35      |
| ST 230036 | 7            | ADM 180052        | 95653259            | 94               | 125           | 98         | 84       | 89          | 107       | 122         | 97           | 104         | 111       | 120           | 92       | 107            | 118          | 125      | 98       | 109         | 116                   | 111 | 91          | 101 | 85          | 118       | 91          | 90        | 100       | 113    | 119    | 107     | 90    | 99       | 106     |
|           |              | ST 200053         |                     | 65               | 66            | 45         | 48       | 26          | 46        | 60          | 20           | 41          | 24        | 39            | 1.62     | -1.0           | 35           | 16.7     | 1.2      | 58          | 18.4                  | 108 | 5           | -18 | -0.5        | 21.2      | -1.3        | -0.8      | 18.7      | 22     | 35     | 0.80    | -1.25 | -0.27    | 0.13    |
|           |              |                   |                     |                  |               |            |          |             |           |             |              |             |           | 26            | 71       | 54             | 48           | 66       | 45       | 53          | 67                    | 27  | 16          | 12  | 32          | 31        | 33          | 18        | 47        | 30     | 27     | 23      | 26    | 23       | 24      |
| ST 230042 | 7            | ADM 180052        | 95653291            | 89               | 121           | 109        | 79       | 81          | 100       | 122         | 109          | 100         | 114       | 125           | 88       | 106            | 123          | 121      | 109      | 114         | 118                   | 121 | 90          | 104 | 91          | 114       | 90          | 79        | 98        | 129    | 123    | 120     | 84    | 97       | 118     |
|           |              | ST 200089         |                     | 67               | 68            | 48         | 48       | 26          | 48        | 62          | 20           | 42          | 23        | 44            | 2.00     | -0.8           | 41           | 15.1     | 4.8      | 68          | 19.8                  | 129 | 2           | -21 | -0.2        | 19.5      | -0.8        | 1.0       | 17.4      | 31     | 37     | 1.72    | -1.68 | -0.53    | 0.29    |
|           |              |                   |                     |                  |               |            |          |             |           |             |              |             |           | 28            | 73       | 55             | 48           | 68       | 48       | 55          | 54                    | 26  | 19          | 13  | 31          | 30        | 34          | 19        | 47        | 29     | 27     | 22      | 24    | 22       | 23      |
| ST 230045 | 7            | TT 170020         | 95653325            | 82               | 128           | 98         | 85       | 98          | 113       | 123         | 110          | 113         | 111       | 119           | 74       | 101            | 117          | 128      | 98       | 112         | 130                   | 108 | 126         | 114 | 106         | 114       | 81          | 104       | 101       | 116    | 115    | 93      | 91    | 105      | 93      |
|           |              | ST 200058         |                     | 66               | 66            | 47         | 49       | 28          | 47        | 60          | 34           | 44          | 39        | 38            | 3.16     | -0.3           | 35           | 18.0     | 1.4      | 64          | 25.7                  | 103 | 89          | -29 | 0.4         | 19.2      | 3.8         | -3.3      | 19.3      | 23     | 32     | -0.25   | -1.21 | 0.43     | -0.06   |
|           |              |                   |                     |                  |               |            |          |             |           |             |              |             |           | 27            | 71       | 55             | 49           | 66       | 47       | 54          | 68                    | 37  | 31          | 29  | 45          | 43        | 36          | 20        | 49        | 42     | 38     | 37      | 41    | 37       | 39      |
| ST 230052 | 6            | TT 200035         | 95783288            | 91               | 124           | 102        | 91       | 107         | 121       | 125         | 102          | 119         | 116       | 110           | 92       | 97             | 109          | 124      | 102      | 117         | 107                   | 106 | 68          | 90  | 101         | 108       | 102         | 107       | 104       | 99     | 108    | 109     | 119   | 94       | 111     |
|           |              | ST 210001         |                     | 66               | 68            | 46         | 46       | 24          | 46        | 61          | 22           | 41          | 32        | 29            | 1.63     | 0.2            | 25           | 16.6     | 2.5      | 76          | 13.6                  | 99  | -52         | -9  | 0.2         | 16.4      | -7.0        | -3.9      | 20.8      | 13     | 28     | 0.90    | 0.87  | -0.81    | 0.19    |
|           |              |                   |                     |                  |               |            |          |             |           |             |              |             |           | 23            | 72       | 54             | 46           | 68       | 46       | 53          | 66                    | 31  | 13          | 8   | 40          | 38        | 31          | 16        | 46        | 37     | 32     | 30      | 35    | 31       | 32      |
| ST 230055 | 7            | ADM 200045        | 95783312            | 89               | 128           | 98         | 95       | 92          | 113       | 129         | 110          | 113         | 110       | 107           | 85       | 106            | 105          | 128      | 98       | 119         | 112                   | 118 | 66          | 92  | 95          | 101       | 84          | 95        | 113       | 114    | 114    | 107     | 85    | 72       | 105     |
|           |              | ST 200045         |                     | 66               | 67            | 46         | 46       | 24          | 46        | 60          | 20           | 41          | 32        | 27            | 2.27     | -0.9           | 21           | 18.2     | 1.4      | 80          | 16.5                  | 122 | -57         | -10 | -0.1        | 13.4      | 2.4         | -1.8      | 26.9      | 22     | 32     | 0.75    | -1.59 | -3.50    | 0.11    |
|           |              |                   |                     |                  |               |            |          |             |           |             |              |             |           | 23            | 72       | 54             | 46           | 67       | 46       | 53          | 68                    | 31  | 15          | 5   | 41          | 39        | 32          | 17        | 46        | 37     | 32     | 30      | 35    | 31       | 32      |
| ST 230064 | 7            | GH 150004         | 95783619            | 130              | 87            | 82         | 132      | 84          | 84        | 93          | 96           | 83          | 92        | 77            | 123      | 120            | 75           | 87       | 82       | 82          | 78                    | 97  | 86          | 82  | 106         | 92        | 96          | 82        | 101       | 87     | 83     | 93      | 123   | 113      | 96      |
|           |              | ST 160034         |                     | 71               | 71            | 59         | 59       | 35          | 54        | 67          | 23           | 48          | 38        | -2            | -0.98    | -2.4           | -11          | 1.1      | -3.7     | -8          | -1.6                  | 81  | -9          | -2  | 0.3         | 9.1       | -4.0        | 0.5       | 18.9      | 7      | 12     | -0.22   | 1.17  | 1.43     | -0.02   |
|           |              |                   |                     |                  |               |            |          |             |           |             |              |             |           | 36            | 74       | 64             | 59           | 71       | 59       | 63          | 70                    | 39  | 18          | 5   | 44          | 43        | 47          | 23        | 57        | 42     | 39     | 37      | 40    | 37       | 38      |
| ST 230072 | 7            | ST 180075         | 95783692            | 109              | 119           | 86         | 101      | 87          | 103       | 119         |              |             | 104       | 102           | 103      | 115            | 98           | 119      | 86       | 103         | 113                   | 114 | 125         | 105 | 90          | 92        | 90          | 87        | 99        | 121    | 116    | 119     | 95    | 100      | 118     |
|           |              | CR 100061         |                     | 70               | 72            | 55         | 49       | 28          | 51        | 66          |              |             | 20        | 21            | 0.74     | -1.9           | 14           | 14.4     | -2.4     | 43          | 17.0                  | 115 | 88          | -22 | -0.3        | 9.0       | -1.0        | -0.4      | 18.0      | 26     | 33     | 1.68    | -0.88 | -0.14    | 0.29    |
|           |              |                   |                     |                  |               |            |          |             |           |             |              |             |           | 24            | 75       | 59             | 49           | 72       | 55       | 59          | 68                    | 22  | 13          | 6   | 29          | 28        | 35          | 20        | 54        | 26     | 22     | 19      | 22    | 19       | 20      |
| ST 230073 | 5            | GH 150004         | 95783700            | 112              | 101           | 77         | 109      | 102         | 96        | 94          | 103          | 96          | 104       | 90            | 106      | 116            | 91           | 101      | 77       | 82          | 94                    | 105 | 96          | 90  | 113         | 96        | 113         | 98        | 103       | 95     | 96     | 102     | 118   | 118      | 104     |
|           |              | ST 160026         |                     | 71               | 71            | 59         | 58       | 34          | 54        | 67          | 26           | 48          | 41        | 10            | 0.45     | -2.0           | 6            | 6.8      | -5.3     | -7          | 7.0                   | 98  | 17          | -8  | 0.6         | 11.2      | -12.6       | -2.2      | 20.2      | 11     | 20     | 0.41    | 0.79  | 2.09     | 0.09    |
|           |              |                   |                     |                  |               |            |          |             |           |             |              |             |           | 38            | 74       | 63             | 58           | 71       | 59       | 63          | 72                    | 41  | 27          | 7   | 48          | 46        | 45          | 22        | 56        | 45     | 41     | 39      | 43    | 40       | 41      |

# Breeding Values and Accuracies: Cows & Heifers

| Animal                |              |                         |                     | Selection Values |               |            |           |             |           |             |              |             |           | Birth         |              |                | Wean         |             |            |             | Growth & Adaptability |            |             |            |              | Fertility   |              |             |             | Frame     |           | Carcass     |              |              |             |
|-----------------------|--------------|-------------------------|---------------------|------------------|---------------|------------|-----------|-------------|-----------|-------------|--------------|-------------|-----------|---------------|--------------|----------------|--------------|-------------|------------|-------------|-----------------------|------------|-------------|------------|--------------|-------------|--------------|-------------|-------------|-----------|-----------|-------------|--------------|--------------|-------------|
| ID<br>Animal no       | % Inbreeding | Genomic<br>Parentage    | Index<br>EBV<br>Acc | Calv. Ease V     | Calf Growth V | Milk Value | Maint. V  | Fertility V | Cow Value | Wean Calf V | Growth Value | Prod. Value | Carcass V | Cow wt -birth | Birth wt     | Cow-Calf birth | Cow wt -wean | Wean dir    | Wean mat   | Cow-Calf wn | Post wn wt            | ADG        | Veld growth | FCR        | Skin Thicken | Scrotum     | Heifer Fert  | Cow Fert.   | Longevity   | Height    | Length    | EMA         | Fat          | Marbling     | Dress %     |
|                       |              |                         |                     |                  |               |            |           |             |           |             |              |             |           |               |              |                |              |             |            |             |                       |            |             |            |              |             |              |             |             |           |           |             |              |              |             |
| ST 230074<br>95783718 | 8            | ST 180075<br>T 140029   |                     | 97<br>70         | 110<br>71     | 85<br>54   | 117<br>50 | 107<br>29   | 109<br>51 | 107<br>65   |              |             | 110<br>22 | 88<br>8       | 97<br>1.24   | 91<br>0.9      | 84<br>-1     | 110<br>10.6 | 85<br>-2.9 | 100<br>37   | 108<br>14.3           | 114<br>114 | 114<br>60   | 104<br>-21 | 92<br>-0.2   | 94<br>9.9   | 109<br>-10.5 | 105<br>-3.4 | 104<br>21.1 | 113<br>22 | 108<br>28 | 114<br>1.30 | 96<br>-0.84  | 107<br>0.68  | 114<br>0.23 |
| ST 230075<br>95783726 | 6            | ST 180075<br>AM 120024  |                     | 106<br>70        | 116<br>71     | 96<br>55   | 98<br>50  | 111<br>27   | 120<br>50 | 118<br>65   |              |             | 110<br>25 | 105<br>24     | 102<br>0.79  | 111<br>-1.4    | 101<br>17    | 116<br>13.1 | 96<br>0.8  | 109<br>56   | 111<br>16.1           | 108<br>102 | 115<br>62   | 98<br>-15  | 90<br>-0.3   | 92<br>9.0   | 106<br>-9.1  | 110<br>-4.4 | 105<br>21.8 | 114<br>22 | 111<br>30 | 109<br>0.91 | 75<br>-2.32  | 97<br>-0.44  | 106<br>0.13 |
| ST 230076<br>95783734 | 6            | GH 150004<br>ST 160051  |                     | 109<br>71        | 89<br>71      | 84<br>59   | 135<br>59 | 94<br>34    | 89<br>54  | 92<br>67    | 102<br>24    | 89<br>48    | 95<br>38  | 75<br>-4      | 104<br>0.64  | 103<br>-0.6    | 72<br>-15    | 89<br>2.0   | 84<br>-3.1 | 87<br>5     | 84<br>1.9             | 102<br>92  | 97<br>19    | 89<br>-7   | 107<br>0.4   | 93<br>9.4   | 107<br>-9.2  | 90<br>-0.9  | 101<br>19.2 | 91<br>9   | 87<br>14  | 95<br>-0.12 | 124<br>1.20  | 113<br>1.51  | 97<br>0.00  |
| ST 230084<br>95896395 | 4            | HBH 160026<br>ST 190008 |                     | 92<br>69         | 108<br>68     | 94<br>55   | 101<br>57 | 79<br>30    | 88<br>51  | 104<br>64   | 103<br>20    | 88<br>45    | 108<br>32 | 99<br>19      | 94<br>1.50   | 92<br>0.7      | 98<br>13     | 108<br>9.9  | 94<br>0.2  | 102<br>42   | 101<br>10.9           | 114<br>115 | 79<br>-25   | 105<br>-22 | 83<br>-0.6   | 121<br>22.8 | 93<br>-2.2   | 78<br>1.2   | 97<br>16.8  | 109<br>19 | 107<br>27 | 114<br>1.27 | 99<br>-0.60  | 89<br>-1.42  | 114<br>0.22 |
| ST 230086<br>95896676 | 7            | GH 150004<br>ST 150043  |                     | 101<br>71        | 87<br>71      | 80<br>59   | 140<br>59 | 92<br>35    | 84<br>54  | 84<br>67    | 94<br>23     | 82<br>48    | 88<br>39  | 68<br>-11     | 100<br>0.97  | 83<br>1.7      | 67<br>-20    | 87<br>0.9   | 80<br>-4.3 | 82<br>-5    | 78<br>-1.4            | 91<br>70   | 90<br>1     | 80<br>0    | 106<br>0.3   | 87<br>6.7   | 112<br>-11.6 | 87<br>-0.3  | 105<br>21.7 | 85<br>6   | 80<br>9   | 92<br>-0.33 | 122<br>1.04  | 112<br>1.33  | 94<br>-0.05 |
| ST 230087<br>95896684 | 7            | GH 150004<br>ST 150017  |                     | 121<br>71        | 86<br>71      | 75<br>59   | 132<br>59 | 89<br>34    | 81<br>54  | 85<br>67    | 98<br>24     | 80<br>48    | 87<br>40  | 77<br>-3      | 115<br>-0.32 | 114<br>-1.8    | 75<br>-11    | 86<br>0.6   | 75<br>-5.9 | 72<br>-29   | 84<br>1.9             | 95<br>77   | 109<br>48   | 85<br>-5   | 106<br>0.3   | 88<br>7.3   | 97<br>-4.5   | 86<br>-0.2  | 99<br>17.7  | 87<br>7   | 81<br>10  | 92<br>-0.34 | 126<br>1.34  | 112<br>1.29  | 94<br>-0.04 |
| ST 230089<br>95896700 | 7            | GH 150004<br>ST 150024  |                     | 113<br>71        | 87<br>71      | 74<br>60   | 140<br>59 | 87<br>34    | 80<br>54  | 85<br>67    | 91<br>24     | 78<br>48    | 88<br>39  | 69<br>-10     | 106<br>0.43  | 105<br>-0.8    | 68<br>-19    | 87<br>0.9   | 74<br>-6.1 | 75<br>-23   | 75<br>-2.8            | 89<br>65   | 78<br>-28   | 76<br>4    | 106<br>0.3   | 88<br>7.4   | 101<br>-6.4  | 84<br>0.2   | 98<br>17.2  | 82<br>4   | 76<br>7   | 91<br>-0.38 | 126<br>1.33  | 114<br>1.54  | 94<br>-0.05 |
| ST 230096<br>95896841 | 4            | TTS 190014<br>ST 170083 |                     | 114<br>67        | 118<br>70     | 89<br>51   | 99<br>47  | 113<br>25   | 122<br>48 | 120<br>63   |              |             | 110<br>20 | 104<br>23     | 109<br>0.20  | 124<br>-2.9    | 100<br>16    | 118<br>13.9 | 89<br>-1.4 | 104<br>46   | 108<br>14.2           | 107<br>101 | 84<br>-13   |            | 81<br>-0.6   | 110<br>17.3 | 99<br>-5.2   | 115<br>-5.3 | 110<br>25.0 | 113<br>22 | 112<br>30 | 106<br>0.72 | 108<br>0.03  | 100<br>-0.15 | 107<br>0.13 |
| ST 230104<br>95897062 | 6            | GH 150004<br>PC 160032  |                     | 125<br>71        | 90<br>72      | 68<br>59   | 130<br>58 | 86<br>33    | 80<br>54  | 86<br>68    | 92<br>26     | 79<br>48    | 88<br>40  | 76<br>-3      | 118<br>-0.57 | 118<br>-2.2    | 77<br>-9     | 90<br>2.3   | 68<br>-8.1 | 68<br>-40   | 81<br>0.1             | 95<br>77   | 81<br>-20   | 90<br>-9   | 99<br>0.1    | 96<br>11.1  | 104<br>-7.7  | 82<br>0.6   | 97<br>16.6  | 85<br>6   | 82<br>11  | 89<br>-0.52 | 116<br>0.64  | 113<br>1.49  | 91<br>-0.09 |
| ST 230106<br>95897088 | 6            | GH 150004<br>AM 150021  |                     | 121<br>72        | 86<br>72      | 63<br>60   | 132<br>59 | 102<br>35   | 84<br>55  | 76<br>68    | 94<br>26     | 83<br>49    | 89<br>42  | 77<br>-3      | 118<br>-0.56 | 129<br>-3.4    | 76<br>-10    | 86<br>0.4   | 63<br>-9.8 | 58<br>-63   | 74<br>-3.5            | 92<br>70   | 71<br>-46   | 80<br>0    | 100<br>0.1   | 82<br>4.4   | 112<br>-12.1 | 98<br>-2.3  | 100<br>18.8 | 84<br>5   | 78<br>8   | 83<br>-0.97 | 108<br>0.04  | 114<br>1.61  | 84<br>-0.18 |
| ST 230114<br>95897161 | 8            | TTS 190014<br>ST 170016 |                     | 110<br>67        | 115<br>70     | 95<br>51   | 94<br>47  | 114<br>28   | 121<br>49 | 116<br>63   |              |             | 114<br>24 | 107<br>26     | 108<br>0.29  | 110<br>-1.3    | 106<br>22    | 115<br>12.6 | 95<br>0.5  | 105<br>48   | 120<br>20.6           | 120<br>128 | 121<br>78   | 114<br>-29 | 80<br>-0.7   | 114<br>19.2 | 102<br>-7.1  | 115<br>-5.3 | 111<br>25.6 | 121<br>26 | 121<br>36 | 106<br>0.68 | 109<br>0.15  | 100<br>-0.16 | 107<br>0.13 |
| ST 230116<br>95897187 | 9            | TTS 190014<br>ST 170011 |                     | 117<br>68        | 118<br>70     | 90<br>51   | 91<br>47  | 107<br>26   | 117<br>49 | 118<br>63   |              |             | 114<br>22 | 113<br>32     | 116<br>-0.40 | 112<br>-1.6    | 109<br>26    | 118<br>14.0 | 90<br>-1.1 | 101<br>39   | 121<br>21.0           | 121<br>128 | 120<br>76   | 111<br>-27 | 82<br>-0.6   | 113<br>18.9 | 88<br>0.0    | 111<br>-4.6 | 112<br>25.8 | 122<br>27 | 121<br>36 | 105<br>0.64 | 107<br>-0.04 | 99<br>-0.24  | 106<br>0.12 |

# Breeding Values and Accuracies: Cows & Heifers

| Animal                 |              |                          |                     | Selection Values  |              |               |            |           |             |           |             |              |             | Birth     |                 |                   | Wean              |                 |                   |                  | Growth & Adaptability |                   |                  |                 |                  | Fertility        |                   |                    |                   | Frame             |                 | Carcass         |                   |                    |                    |                   |
|------------------------|--------------|--------------------------|---------------------|-------------------|--------------|---------------|------------|-----------|-------------|-----------|-------------|--------------|-------------|-----------|-----------------|-------------------|-------------------|-----------------|-------------------|------------------|-----------------------|-------------------|------------------|-----------------|------------------|------------------|-------------------|--------------------|-------------------|-------------------|-----------------|-----------------|-------------------|--------------------|--------------------|-------------------|
| ID<br>Animal no        | % Inbreeding | Genomic<br>Parentage     | Index<br>EBV<br>Acc | Sire ID<br>Dam ID | Calv. Ease V | Calf Growth V | Milk Value | Maint. V  | Fertility V | Cow Value | Wean Calf V | Growth Value | Prod. Value | Carcass V | Cow wt -birth   | Birth wt          | Cow-Calf birth    | Cow wt -wean    | Wean dir          | Wean mat         | Cow-Calf wn           | Post wn wt        | ADG              | Veld growth     | FCR              | Skin Thickn      | Scrotum           | Heifer Fert        | Cow Fert.         | Longevity         | Height          | Length          | EMA               | Fat                | Marbling           | Dress %           |
|                        |              |                          |                     |                   |              |               |            |           |             |           |             |              |             |           |                 |                   |                   |                 |                   |                  |                       |                   |                  |                 |                  |                  |                   |                    |                   |                   |                 |                 |                   |                    |                    |                   |
| ST 230120<br>95970356  | 6            | ST 160007<br>R 080088    |                     |                   | 91<br>71     | 111<br>71     | 93<br>56   | 94<br>53  | 85<br>30    | 92<br>52  | 103<br>66   |              |             | 97<br>10  | 106<br>25<br>31 | 96<br>1.34<br>75  | 88<br>1.2<br>60   | 105<br>22<br>53 | 111<br>11.1<br>71 | 93<br>-0.3<br>56 | 100<br>36<br>60       | 110<br>15.2<br>60 | 104<br>96<br>18  | 101<br>28<br>11 | 99<br>-16<br>5   | 102<br>0.2<br>21 | 102<br>13.8<br>21 | 87<br>0.7<br>39    | 87<br>-0.3<br>22  | 103<br>20.7<br>55 | 106<br>18<br>18 | 101<br>23<br>16 | 100<br>0.28<br>9  | 91<br>-1.15<br>10  | 95<br>-0.68<br>9   | 99<br>0.03<br>10  |
| ST 230121<br>95970596  | 4            | GH 150004<br>ST 150031   |                     |                   | 112<br>70    | 96<br>70      | 90<br>59   | 117<br>59 | 74<br>34    | 80<br>54  | 98<br>67    | 108<br>24    | 82<br>48    | 107<br>39 | 89<br>8<br>37   | 110<br>0.17<br>74 | 104<br>-0.7<br>63 | 84<br>-1<br>59  | 96<br>4.6<br>70   | 90<br>-1.2<br>59 | 94<br>21<br>63        | 95<br>7.7<br>70   | 113<br>113<br>39 | 97<br>18<br>17  | 97<br>-15<br>6   | 106<br>0.3<br>45 | 96<br>10.8<br>44  | 98<br>-5.0<br>47   | 70<br>2.7<br>22   | 102<br>20.1<br>56 | 106<br>17<br>43 | 101<br>23<br>39 | 102<br>0.40<br>37 | 115<br>0.59<br>41  | 114<br>1.62<br>38  | 104<br>0.09<br>39 |
| ST 230122<br>95970604  | 6            | TTS 190014<br>ST 170046  |                     |                   | 114<br>67    | 103<br>68     | 88<br>48   | 110<br>46 | 115<br>26   | 113<br>47 | 104<br>61   |              |             | 99<br>21  | 91<br>11<br>27  | 111<br>0.06<br>73 | 109<br>-1.2<br>55 | 90<br>5<br>46   | 103<br>7.8<br>68  | 88<br>-1.8<br>48 | 96<br>26<br>54        | 97<br>8.5<br>67   | 102<br>91<br>24  | 93<br>8<br>21   | 94<br>-13<br>5   | 84<br>-0.5<br>30 | 103<br>14.3<br>29 | 95<br>-3.5<br>33   | 119<br>-6.0<br>19 | 106<br>22.1<br>50 | 103<br>16<br>28 | 101<br>23<br>24 | 97<br>0.04<br>20  | 113<br>0.41<br>22  | 98<br>-0.30<br>20  | 98<br>0.02<br>21  |
| ST 230124<br>95970620  | 11           | TTS 190014<br>ST 170095  |                     |                   | 110<br>69    | 105<br>69     | 77<br>52   | 100<br>48 | 125<br>26   | 113<br>49 | 94<br>63    |              |             | 96<br>22  | 102<br>21       | 108<br>0.27<br>74 | 109<br>-1.2<br>56 | 101<br>17<br>48 | 105<br>8.5<br>69  | 77<br>-5.3<br>52 | 81<br>-8<br>56        | 105<br>12.7<br>66 | 104<br>96<br>24  | 122<br>81<br>21 | 103<br>-20<br>6  | 81<br>-0.6<br>31 | 105<br>15.3<br>29 | 110<br>-10.7<br>32 | 126<br>-7.2<br>19 | 112<br>26.0<br>50 | 103<br>16<br>28 | 99<br>22<br>25  | 96<br>-0.03<br>20 | 110<br>0.18<br>23  | 98<br>-0.34<br>20  | 97<br>0.00<br>22  |
| ST 230126<br>95970646  | 5            | HBH 160026<br>ST 190045  |                     |                   | 93<br>69     | 95<br>70      | 104<br>56  | 102<br>57 | 98<br>30    | 95<br>52  | 93<br>66    | 109<br>20    | 95<br>46    | 99<br>33  | 97<br>17<br>33  | 100<br>1.00<br>73 | 81<br>2.0<br>61   | 96<br>12<br>57  | 95<br>4.4<br>70   | 104<br>3.3<br>56 | 102<br>41<br>61       | 100<br>10.3<br>70 | 117<br>122<br>32 | 118<br>69<br>21 | 115<br>-31<br>5  | 86<br>-0.5<br>40 | 122<br>23.2<br>38 | 99<br>-5.6<br>40   | 98<br>-2.2<br>21  | 101<br>19.2<br>55 | 109<br>19<br>37 | 106<br>26<br>33 | 105<br>0.64<br>31 | 100<br>-0.53<br>35 | 87<br>-1.67<br>31  | 105<br>0.11<br>33 |
| ST 230130<br>95970679  | 6            | HBH 160026<br>ST 190024  |                     |                   | 88<br>69     | 110<br>70     | 88<br>56   | 95<br>57  | 108<br>30   | 104<br>52 | 97<br>66    | 108<br>22    | 103<br>46   | 111<br>36 | 107<br>26<br>32 | 90<br>1.79<br>73  | 90<br>0.9<br>61   | 106<br>22<br>57 | 110<br>10.5<br>70 | 88<br>-1.9<br>56 | 94<br>21<br>61        | 109<br>15.1<br>70 | 115<br>116<br>35 | 96<br>17<br>23  | 109<br>-25<br>5  | 69<br>-1.1<br>44 | 121<br>22.6<br>42 | 118<br>-15.0<br>41 | 104<br>-3.3<br>20 | 106<br>22.5<br>53 | 106<br>17<br>41 | 108<br>28<br>36 | 106<br>0.70<br>34 | 97<br>-0.75<br>38  | 93<br>-0.99<br>34  | 106<br>0.12<br>36 |
| ST 230138<br>96174677  | 6            | TTS 190014<br>ST 170043  |                     |                   | 112<br>68    | 114<br>69     | 85<br>49   | 86<br>47  | 111<br>28   | 112<br>49 | 107<br>62   |              |             | 107<br>22 | 119<br>38<br>28 | 110<br>0.12<br>73 | 115<br>-1.9<br>55 | 116<br>34<br>47 | 114<br>12.4<br>69 | 85<br>-2.6<br>49 | 91<br>15<br>55        | 109<br>14.8<br>69 | 106<br>100<br>24 | 102<br>32<br>19 |                  | 87<br>-0.4<br>30 | 109<br>17.0<br>29 | 93<br>-2.6<br>34   | 114<br>-5.0<br>21 | 102<br>19.9<br>50 | 109<br>19<br>28 | 110<br>29<br>25 | 102<br>0.42<br>20 | 111<br>0.31<br>23  | 98<br>-0.33<br>20  | 103<br>0.09<br>22 |
| ST 230140<br>96174693  | 7            | ST 180075<br>AM 120066   |                     |                   | 106<br>70    | 109<br>72     | 91<br>55   | 101<br>52 | 89<br>30    | 97<br>52  | 108<br>66   |              |             | 100<br>24 | 100<br>19<br>33 | 104<br>0.63<br>75 | 106<br>-0.8<br>60 | 98<br>14<br>52  | 109<br>10.3<br>72 | 91<br>-0.9<br>55 | 100<br>35<br>60       | 109<br>15.0<br>70 | 108<br>103<br>26 | 99<br>24<br>16  | 104<br>-21<br>6  | 85<br>-0.5<br>33 | 109<br>17.2<br>32 | 93<br>-2.2<br>38   | 88<br>-0.6<br>22  | 109<br>24.2<br>54 | 114<br>22<br>31 | 107<br>27<br>27 | 116<br>1.40<br>23 | 81<br>-1.91<br>26  | 111<br>1.20<br>23  | 113<br>0.22<br>24 |
| ST 230150<br>96174792  | 6            | HBH 160026<br>ST 190017  |                     |                   | 97<br>69     | 104<br>68     | 88<br>56   | 99<br>57  | 92<br>30    | 91<br>51  | 94<br>64    | 109<br>22    | 92<br>45    | 104<br>35 | 101<br>21<br>32 | 101<br>0.88<br>73 | 88<br>1.1<br>61   | 100<br>16<br>57 | 104<br>8.0<br>68  | 88<br>-1.9<br>56 | 91<br>16<br>60        | 105<br>13.0<br>68 | 117<br>121<br>35 | 107<br>44<br>31 | 111<br>-27<br>6  | 85<br>-0.5<br>44 | 116<br>20.4<br>42 | 112<br>-11.7<br>40 | 87<br>-0.3<br>21  | 103<br>20.3<br>54 | 104<br>17<br>41 | 105<br>26<br>36 | 110<br>0.96<br>33 | 106<br>-0.10<br>37 | 92<br>-1.12<br>31  | 110<br>0.18<br>35 |
| ST 230153<br>96340328  | 5            | TT 170045<br>ST 180065   |                     |                   | 91<br>69     | 98<br>69      | 118<br>53  | 97<br>54  | 91<br>28    | 97<br>50  | 103<br>64   | 100<br>32    | 96<br>46    | 92<br>31  | 99<br>18<br>26  | 94<br>1.44<br>73  | 88<br>1.2<br>59   | 100<br>16<br>54 | 98<br>5.6<br>69   | 118<br>7.5<br>53 | 116<br>73<br>59       | 94<br>7.0<br>58   | 112<br>111<br>30 | 101<br>29<br>18 | 107<br>-24<br>29 | 113<br>0.6<br>39 | 105<br>15.2<br>37 | 83<br>2.4<br>38    | 94<br>-1.7<br>18  | 100<br>18.5<br>53 | 103<br>16<br>36 | 98<br>21<br>31  | 101<br>0.35<br>29 | 99<br>-0.60<br>33  | 101<br>-0.03<br>29 | 101<br>0.05<br>31 |
| TTS 230004<br>95098240 | 7            | GH 150004<br>TTS 200014  |                     |                   | 111<br>68    | 101<br>69     | 84<br>55   | 109<br>58 | 79<br>33    | 83<br>52  | 98<br>65    | 109<br>25    | 85<br>47    | 107<br>42 | 93<br>12<br>35  | 108<br>0.32<br>72 | 108<br>-1.1<br>61 | 91<br>6<br>58   | 101<br>6.9<br>69  | 84<br>-3.0<br>55 | 90<br>11<br>61        | 99<br>9.7<br>64   | 114<br>115<br>41 | 89<br>-1<br>21  | 94<br>-12<br>6   | 96<br>-0.1<br>48 | 104<br>14.5<br>47 | 102<br>-6.9<br>46  | 73<br>2.0<br>20   | 97<br>16.6<br>54  | 99<br>14<br>45  | 100<br>22<br>42 | 106<br>0.72<br>40 | 123<br>1.12<br>44  | 111<br>1.17<br>40  | 108<br>0.15<br>42 |
| TTS 230011<br>95652947 | 6            | ADM 180052<br>TTS 200023 |                     |                   | 78<br>65     | 125<br>66     | 97<br>45   | 83<br>48  | 79<br>24    | 94<br>46  | 115<br>60   | 105<br>20    | 94<br>41    | 109<br>26 | 122<br>40<br>25 | 79<br>2.74<br>71  | 95<br>0.4<br>54   | 120<br>38<br>48 | 125<br>16.6<br>66 | 97<br>0.9<br>45  | 107<br>53<br>53       | 122<br>21.8<br>67 | 118<br>122<br>27 | 110<br>52<br>20 | 109<br>-25<br>12 | 85<br>-0.5<br>32 | 120<br>22.2<br>31 | 93<br>-2.5<br>32   | 76<br>1.5<br>16   | 97<br>16.5<br>47  | 113<br>22<br>30 | 116<br>33<br>27 | 114<br>1.25<br>24 | 94<br>-0.98<br>27  | 94<br>-0.80<br>24  | 113<br>0.21<br>26 |

# Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

| Animal          |              |                      |                     | Selection Values  |              |               |            |          |             |           |             |              |             | Birth     |               |          | Wean           |              |          |          | Growth & Adaptability |            |     |             |      | Fertility   |         |             |           | Frame     |        | Carcass |       |       |          |         |
|-----------------|--------------|----------------------|---------------------|-------------------|--------------|---------------|------------|----------|-------------|-----------|-------------|--------------|-------------|-----------|---------------|----------|----------------|--------------|----------|----------|-----------------------|------------|-----|-------------|------|-------------|---------|-------------|-----------|-----------|--------|---------|-------|-------|----------|---------|
| ID<br>Animal no | % Inbreeding | Genomic<br>Parentage | Index<br>EBV<br>Acc | Sire ID<br>Dam ID | Calv. Ease V | Calf Growth V | Milk Value | Maint. V | Fertility V | Cow Value | Wean Calf V | Growth Value | Prod. Value | Carcass V | Cow wt -birth | Birth wt | Cow-Calf birth | Cow wt -wean | Wean dir | Wean mat | Cow-Calf wn           | Post wn wt | ADG | Veld growth | FCR  | Skin Thickn | Scrotum | Heifer Fert | Cow Fert. | Longevity | Height | Length  | EMA   | Fat   | Marbling | Dress % |
|                 |              |                      |                     |                   |              |               |            |          |             |           |             |              |             |           |               |          |                |              |          |          |                       |            |     |             |      |             |         |             |           |           |        |         |       |       |          |         |
| TTS 230014      | 6            | TT 200035            |                     | 113               | 98           | 97            | 110        | 108      | 108         | 103       | 98          | 105          | 100         | 89        | 111           | 104      | 89             | 98           | 97       | 101      | 96                    | 94         | 85  | 90          | 90   | 96          | 107     | 107         | 103       | 86        | 89     | 98      | 127   | 101   | 101      |         |
| 95652913        |              | TTS 200034           |                     | 64                | 64           | 44            | 45         | 22       | 44          | 58        | 23          | 40           | 34          | 9         | 0.05          | -0.7     | 4              | 5.8          | 1.1      | 40       | 8.1                   | 76         | -11 | -9          | -0.3 | 10.8        | -9.4    | -3.8        | 20.7      | 6         | 15     | 0.14    | 1.42  | -0.01 | 0.05     |         |
|                 |              |                      |                     |                   | 26           | 70            | 52         | 45       | 22          | 45        | 58          | 23           | 40          | 34        | 26            | 70       | 52             | 45           | 64       | 44       | 40                    | 64         | 34  | 27          | 8    | 43          | 41      | 28          | 17        | 46        | 40     | 35      | 32    | 36    | 32       | 34      |
| TTS 230015      | 7            | ADM 200045           |                     | 87                | 120          | 106           | 92         | 93       | 110         | 122       | 119         | 111          | 108         | 108       | 82            | 105      | 107            | 120          | 106      | 119      | 114                   | 124        | 102 | 108         | 99   | 107         | 86      | 95          | 114       | 120       | 117    | 103     | 89    | 78    | 102      |         |
| 95783981        |              | TTS 200021           |                     | 65                | 67           | 46            | 46         | 24       | 46          | 60        | 20          | 41           | 32          | 28        | 2.47          | -0.7     | 23             | 14.8         | 3.9      | 81       | 17.6                  | 135        | 30  | -24         | 0.1  | 16.0        | 1.0     | -1.8        | 27.5      | 26        | 34     | 0.46    | -1.33 | -2.75 | 0.06     |         |
|                 |              |                      |                     |                   | 24           | 71            | 53         | 46       | 24          | 46        | 60          | 20           | 41          | 32        | 24            | 71       | 53             | 46           | 67       | 46       | 53                    | 66         | 31  | 19          | 5    | 41          | 38      | 32          | 17        | 46        | 37     | 32      | 30    | 34    | 30       | 32      |
| TTS 230024      | 7            | ST 180075            |                     | 97                | 111          | 99            | 95         | 98       | 105         | 109       |             |              | 112         | 105       | 96            | 102      | 104            | 111          | 99       | 106      | 111                   | 121        | 94  | 107         | 88   | 103         | 97      | 98          | 103       | 125       | 118    | 118     | 93    | 104   | 118      |         |
| 95897401        |              | T 140130             |                     | 69                | 70           | 53            | 49         | 26       | 49          | 64        |             |              | 20          | 25        | 1.28          | -0.4     | 21             | 10.9         | 1.7      | 50       | 15.7                  | 129        | 12  | -24         | -0.4 | 14.1        | -4.3    | -2.3        | 20.5      | 28        | 34     | 1.61    | -1.01 | 0.31  | 0.28     |         |
|                 |              |                      |                     |                   | 31           | 74            | 58         | 49       | 26          | 49        | 64          |              |             | 20        | 31            | 74       | 58             | 49           | 70       | 53       | 57                    | 68         | 25  | 17          | 6    | 34          | 32      | 34          | 19        | 52        | 30     | 26      | 19    | 22    | 19       | 20      |
| TTS 230032      | 6            | GH 150004            |                     | 116               | 93           | 53            | 128        | 97       | 80          | 76        | 94          | 79           | 91          | 81        | 110           | 115      | 80             | 93           | 53       | 53       | 85                    | 93         | 98  | 85          | 101  | 84          | 117     | 90          | 98        | 83        | 78     | 99      | 124   | 116   | 101      |         |
| 95897542        |              | TTS 150013           |                     | 71                | 71           | 59            | 59         | 35       | 54          | 67        | 26          | 48           | 40          | 1         | 0.15          | -1.9     | -6             | 3.5          | -12.8    | -74      | 2.1                   | 73         | 22  | -4          | 0.1  | 5.6         | -14.4   | -0.9        | 17.6      | 4         | 9      | 0.15    | 1.18  | 1.83  | 0.05     |         |
|                 |              |                      |                     |                   | 36           | 74            | 63         | 59       | 35          | 54        | 67          | 26           | 48          | 40        | 36            | 74       | 63             | 59           | 71       | 59       | 63                    | 71         | 41  | 28          | 7    | 48          | 46      | 47          | 23        | 57        | 45     | 42      | 39    | 42    | 39       | 40      |
| TTS 230039      | 4            | TTS 190014           |                     | 103               | 109          | 93            | 93         | 102      | 105         | 105       |             |              | 101         | 107       | 102           | 106      | 107            | 109          | 93       | 98       | 111                   | 105        | 119 |             | 79   | 108         | 92      | 105         | 112       | 108       | 107    | 96      | 107   | 103   | 97       |         |
| 95970695        |              | TTS 170020           |                     | 68                | 69           | 49            | 46         | 23       | 47          | 62        |             |              | 20          | 26        | 0.83          | -0.8     | 23             | 10.2         | -0.2     | 32       | 15.9                  | 98         | 74  | -0.7        |      | 16.4        | -2.1    | -3.5        | 25.9      | 19        | 27     | -0.04   | -0.05 | 0.22  | -0.01    |         |
|                 |              |                      |                     |                   | 24           | 73            | 55         | 46       | 23          | 47        | 62          |              |             | 20        | 24            | 73       | 55             | 46           | 69       | 49       | 55                    | 68         | 22  | 16          |      | 28          | 27      | 28          | 18        | 48        | 26     | 23      | 19    | 22    | 19       | 20      |
| TTS 230040      | 4            | ST 180075            |                     | 112               | 105          | 99            | 109        | 93       | 103         | 112       |             |              | 109         | 93        | 109           | 109      | 90             | 105          | 99       | 108      | 100                   | 121        | 106 | 115         | 94   | 99          | 93      | 94          | 106       | 128       | 118    | 116     | 95    | 108   | 115      |         |
| 95970703        |              | GH 100158            |                     | 69                | 70           | 54            | 50         | 29       | 50          | 64        |             |              | 26          | 13        | 0.25          | -1.3     | 5              | 8.4          | 1.7      | 56       | 10.3                  | 128        | 42  | -30         | -0.1 | 12.3        | -2.1    | -1.5        | 22.5      | 30        | 34     | 1.42    | -0.87 | 0.89  | 0.25     |         |
|                 |              |                      |                     |                   | 28           | 74            | 58         | 50       | 29          | 50        | 64          |              |             | 26        | 28            | 74       | 58             | 50           | 70       | 54       | 58                    | 70         | 27  | 27          | 7    | 34          | 33      | 37          | 21        | 52        | 32     | 28      | 24    | 27    | 24       | 26      |
| TTS 230042      | 7            | HBH 160026           |                     | 89                | 104          | 91            | 103        | 95       | 93          | 94        | 103         | 93           | 101         | 96        | 95            | 78       | 96             | 104          | 91       | 96       | 104                   | 110        | 103 | 105         | 76   | 115         | 116     | 89          | 102       | 96        | 100    | 108     | 102   | 94    | 108      |         |
| 96175070        |              | TTS 180007           |                     | 69                | 69           | 56            | 57         | 32       | 52          | 65        | 22          | 46           | 35          | 16        | 1.38          | 2.3      | 12             | 8.1          | -0.9     | 27       | 12.4                  | 107        | 33  | -21         | -0.9 | 19.7        | -13.8   | -0.7        | 19.7      | 12        | 22     | 0.87    | -0.38 | -0.82 | 0.15     |         |
|                 |              |                      |                     |                   | 34           | 73            | 61         | 57       | 32          | 52        | 65          | 22           | 46          | 35        | 34            | 73       | 61             | 57           | 69       | 56       | 61                    | 70         | 36  | 30          | 6    | 44          | 42      | 42          | 22        | 55        | 41     | 36      | 33    | 37    | 33       | 35      |
| TTS 230045      | 6            | TTS 190014           |                     | 95                | 128          | 82            | 87         | 120      | 124         | 117       |             |              | 114         | 117       | 93            | 109      | 115            | 128          | 82       | 99       | 124                   | 114        | 91  | 100         | 79   | 106         | 104     | 123         | 111       | 113       | 114    | 106     | 110   | 102   | 108      |         |
| 96174974        |              | TTS 170017           |                     | 68                | 69           | 51            | 46         | 24       | 48          | 63        |             |              | 20          | 36        | 1.60          | -1.2     | 32             | 18.0         | -3.7     | 33       | 22.6                  | 115        | 4   | -17         | -0.7 | 15.8        | -7.7    | -6.6        | 25.3      | 21        | 32     | 0.73    | 0.17  | 0.14  | 0.14     |         |
|                 |              |                      |                     |                   | 27           | 73            | 55         | 46       | 24          | 48        | 63          |              |             | 20        | 27            | 73       | 55             | 46           | 69       | 51       | 55                    | 66         | 23  | 17          | 6    | 29          | 28      | 29          | 18        | 49        | 27     | 24      | 19    | 22    | 19       | 20      |
| TTS 230051      | 6            | HBH 160026           |                     | 101               | 107          | 93            | 106        | 99       | 103         | 105       | 110         | 103          | 113         | 96        | 104           | 90       | 93             | 107          | 93       | 102      | 104                   | 117        | 96  | 108         | 69   | 125         | 112     | 94          | 104       | 107       | 111    | 112     | 100   | 92    | 112      |         |
| 96175039        |              | TTS 190016           |                     | 68                | 69           | 55            | 57         | 30       | 51          | 65        | 22          | 45           | 36          | 16        | 0.65          | 0.9      | 8              | 9.1          | -0.1     | 41       | 12.4                  | 120        | 16  | -25         | -1.1 | 24.4        | -12.0   | -1.6        | 21.1      | 18        | 30     | 1.11    | -0.53 | -1.07 | 0.20     |         |
|                 |              |                      |                     |                   | 32           | 72            | 60         | 57       | 30          | 51        | 65          | 22           | 45          | 36        | 32            | 72       | 60             | 57           | 69       | 55       | 60                    | 68         | 35  | 23          | 5    | 44          | 42      | 41          | 20        | 53        | 40     | 36      | 34    | 38    | 34       | 36      |
| TTS 230053      | 6            | ST 200033            |                     | 97                | 117          | 96            | 97         | 91       | 105         | 117       |             |              | 111         | 106       | 95            | 103      | 102            | 117          | 96       | 109      | 119                   | 120        | 100 | 111         | 81   | 126         | 107     | 86          | 104       | 112       | 114    | 115     | 90    | 102   | 114      |         |
| 96175054        |              | TTS 200013           |                     | 67                | 68           | 49            | 47         | 26       | 48          | 62        |             |              | 23          | 25        | 1.40          | -0.5     | 18             | 13.7         | 0.7      | 58       | 20.1                  | 127        | 27  | -27         | -0.6 | 25.0        | -9.5    | -0.2        | 21.1      | 21        | 31     | 1.39    | -1.22 | 0.14  | 0.23     |         |
|                 |              |                      |                     |                   | 30           | 72            | 55         | 47       | 26          | 48        | 62          |              |             | 23        | 30            | 72       | 55             | 47           | 68       | 49       | 55                    | 66         | 24  | 19          | 5    | 29          | 28      | 34          | 18        | 48        | 28     | 25      | 22    | 24    | 22       | 23      |
| ST 240003       | 6            | GH 150004            |                     | 87                | 96           | 80            | 137        | 79       | 78          | 91        | 104         | 79           | 99          | 72        | 85            | 78       | 70             | 96           | 80       | 90       | 88                    | 104        | 119 | 98          | 97   | 95          | 111     | 70          | 98        | 95        | 91     | 95      | 123   | 120   | 98       |         |
| 96851258        |              | T 130053             |                     | 72                | 72           | 60            | 59         | 34       | 55          | 68        | 25          | 49           | 40          | -7        | 2.21          | 2.3      | -16            | 4.9          | -4.3     | 12       | 4.0                   | 95         | 74  | -16         | 0.0  | 10.6        | -11.5   | 2.5         | 17.6      | 11        | 16     | -0.10   | 1.17  | 2.30  | 0.00     |         |
|                 |              |                      |                     |                   | 40           | 75            | 64         | 59       | 34          | 55        | 68          | 25           | 49          | 40        | 40            | 75       | 64             | 59           | 72       | 60       | 64                    | 72         | 42  | 19          | 6    | 48          | 47      | 47          | 22        | 57        | 46     | 42      | 39    | 42    | 39       | 40      |
| ST 240004       | 10           | TTS 190014           |                     | 96                | 119          | 89            | 91         | 114      | 117         | 112       |             |              | 110         | 112       | 98            | 98       | 109            | 119          | 89       | 101      | 124                   | 113        | 102 | 103         | 80   | 105         | 94      | 117         | 108       | 116       | 112    | 104     | 109   | 99    | 105      |         |
| 96851266        |              | ST 180047            |                     | 68                | 70           | 50            | 47         | 27       | 49          | 63        |             |              | 22          | 31        | 1.17          | 0.0      | 26             | 14.3         | -1.4     | 38       | 22.5                  | 113        | 31  | -20         | -0.7 | 15.0        | -2.8    | -5.6        | 23.3      | 23        | 30     | 0.52    | 0.14  | -0.26 | 0.10     |         |
|                 |              |                      |                     |                   | 26           | 73            | 55         | 47       | 27          | 49        | 63          |              |             | 22        | 26            | 73       | 55             | 47           | 70       | 50       | 56                    | 70         | 25  | 21          | 5    | 31          | 30      | 34          | 20        | 49        | 29     | 25      | 21    | 24    | 21       | 22      |

# Breeding Values and Accuracies: Cows & Heifers

| Animal                |              |                         |                     | Selection Values  |              |               |            |           |             |           |             |              |             | Birth     |                 |                    | Wean              |                 |                   |                  | Growth & Adaptability |                   |                  |                 |                  | Fertility        |                   |                    |                   | Frame             |                 | Carcass         |                   |                    |                    |                   |
|-----------------------|--------------|-------------------------|---------------------|-------------------|--------------|---------------|------------|-----------|-------------|-----------|-------------|--------------|-------------|-----------|-----------------|--------------------|-------------------|-----------------|-------------------|------------------|-----------------------|-------------------|------------------|-----------------|------------------|------------------|-------------------|--------------------|-------------------|-------------------|-----------------|-----------------|-------------------|--------------------|--------------------|-------------------|
| ID<br>Animal no       | % Inbreeding | Genomic<br>Parentage    | Index<br>EBV<br>Acc | Sire ID<br>Dam ID | Calv. Ease V | Calf Growth V | Milk Value | Maint. V  | Fertility V | Cow Value | Wean Calf V | Growth Value | Prod. Value | Carcass V | Cow wt -birth   | Birth wt           | Cow-Calf birth    | Cow wt -wean    | Wean dir          | Wean mat         | Cow-Calf wn           | Post wn wt        | ADG              | Veld growth     | FCR              | Skin Thickn      | Scrotum           | Heifer Fert        | Cow Fert.         | Longevity         | Height          | Length          | EMA               | Fat                | Marbling           | Dress %           |
|                       |              |                         |                     |                   |              |               |            |           |             |           |             |              |             |           |                 |                    |                   |                 |                   |                  |                       |                   |                  |                 |                  |                  |                   |                    |                   |                   |                 |                 |                   |                    |                    |                   |
| ST 240006<br>96851282 | 4            | GH 150004<br>FF 140034  |                     |                   | 101<br>71    | 86<br>72      | 80<br>58   | 135<br>58 | 88<br>34    | 79<br>54  | 82<br>68    | 98<br>24     | 79<br>48    | 86<br>42  | 73<br>-7<br>34  | 99<br>1.05<br>75   | 90<br>1.0<br>63   | 72<br>-14<br>58 | 86<br>0.7<br>72   | 80<br>-4.2<br>58 | 80<br>-11<br>63       | 80<br>-0.4<br>71  | 99<br>85<br>41   | 107<br>43<br>28 | 95<br>-13<br>5   | 120<br>0.9<br>48 | 83<br>4.8<br>46   | 109<br>-10.4<br>46 | 83<br>0.4<br>22   | 96<br>16.2<br>57  | 95<br>11<br>45  | 85<br>13<br>41  | 81<br>-1.15<br>40 | 123<br>1.11<br>43  | 115<br>1.68<br>40  | 83<br>-0.19<br>42 |
| ST 240009<br>96851316 | 6            | TTS 190014<br>ST 180012 |                     |                   | 120<br>67    | 112<br>69     | 89<br>49   | 92<br>47  | 118<br>24   | 120<br>47 | 111<br>62   |              |             | 102<br>22 | 109<br>28<br>23 | 119<br>-0.65<br>73 | 113<br>-1.7<br>55 | 108<br>25<br>47 | 112<br>11.4<br>69 | 89<br>-1.6<br>49 | 96<br>26<br>55        | 107<br>13.8<br>70 | 103<br>94<br>24  | 97<br>19<br>17  | 98<br>-16<br>6   | 79<br>-0.7<br>31 | 103<br>14.1<br>29 | 102<br>-6.8<br>29  | 120<br>-6.2<br>18 | 110<br>24.8<br>48 | 104<br>17<br>28 | 106<br>26<br>25 | 95<br>-0.10<br>21 | 102<br>-0.38<br>24 | 95<br>-0.69<br>21  | 96<br>-0.02<br>22 |
| ST 240010<br>96851324 | 4            | GH 150004<br>T 140139   |                     |                   | 127<br>71    | 95<br>72      | 76<br>60   | 128<br>59 | 79<br>34    | 82<br>55  | 96<br>68    | 97<br>24     | 81<br>49    | 99<br>38  | 81<br>1<br>38   | 121<br>-0.79<br>75 | 123<br>-2.8<br>64 | 79<br>-7<br>59  | 95<br>4.2<br>72   | 76<br>-5.6<br>60 | 80<br>-11<br>64       | 88<br>4.0<br>72   | 105<br>98<br>40  | 107<br>43<br>17 | 95<br>-13<br>5   | 103<br>0.2<br>47 | 100<br>13.0<br>46 | 97<br>-4.5<br>45   | 75<br>1.7<br>22   | 102<br>20.0<br>57 | 96<br>12<br>44  | 95<br>19<br>40  | 102<br>0.37<br>37 | 121<br>0.99<br>40  | 109<br>1.03<br>37  | 104<br>0.09<br>38 |
| ST 240013<br>96851357 | 8            | ADM 200045<br>ST 190092 |                     |                   | 97<br>66     | 116<br>67     | 108<br>47  | 89<br>46  | 90<br>25    | 107<br>47 | 120<br>60   | 120<br>20    | 109<br>42   | 112<br>33 | 115<br>34<br>26 | 94<br>1.46<br>72   | 107<br>-1.0<br>54 | 111<br>28<br>46 | 116<br>13.1<br>67 | 108<br>4.6<br>47 | 115<br>72<br>53       | 113<br>17.1<br>68 | 124<br>134<br>32 | 107<br>43<br>19 | 108<br>-24<br>5  | 100<br>0.1<br>41 | 102<br>13.8<br>39 | 89<br>-0.5<br>32   | 92<br>-1.2<br>18  | 114<br>27.3<br>47 | 121<br>26<br>37 | 119<br>35<br>33 | 103<br>0.44<br>31 | 91<br>-1.16<br>35  | 78<br>-2.81<br>31  | 102<br>0.06<br>33 |
| ST 240015<br>96851373 | 6            | TTS 190014<br>ST 180016 |                     |                   | 93<br>67     | 122<br>58     | 95<br>44   | 87<br>45  | 112<br>24   | 119<br>43 | 117<br>55   |              |             | 107<br>21 | 116<br>35<br>24 | 90<br>1.78<br>73   | 108<br>-1.1<br>54 | 115<br>32<br>45 | 122<br>15.6<br>58 | 95<br>0.3<br>44  | 106<br>50<br>49       | 120<br>20.6<br>56 | 110<br>108<br>23 | 106<br>42<br>16 |                  | 82<br>-0.6<br>29 | 108<br>16.8<br>28 | 95<br>-3.4<br>31   | 115<br>-5.2<br>18 | 104<br>20.9<br>48 | 113<br>21<br>27 | 112<br>30<br>23 | 101<br>0.37<br>20 | 107<br>-0.05<br>22 | 101<br>0.02<br>20  | 102<br>0.07<br>21 |
| ST 240016<br>96851381 | 10           | TTS 190014<br>ST 180071 |                     |                   | 108<br>68    | 128<br>70     | 88<br>51   | 86<br>47  | 116<br>27   | 127<br>49 | 125<br>63   |              |             | 118<br>22 | 119<br>38<br>27 | 106<br>0.44<br>73  | 113<br>-1.7<br>55 | 117<br>34<br>47 | 128<br>18.1<br>70 | 88<br>-1.8<br>51 | 103<br>44<br>56       | 129<br>25.6<br>70 | 119<br>125<br>25 | 106<br>40<br>21 | 106<br>-23<br>5  | 82<br>-0.6<br>31 | 112<br>18.3<br>30 | 97<br>-4.2<br>34   | 120<br>-6.0<br>20 | 111<br>25.5<br>49 | 122<br>27<br>29 | 122<br>37<br>25 | 111<br>1.08<br>21 | 108<br>0.02<br>24  | 98<br>-0.33<br>21  | 112<br>0.20<br>22 |
| ST 240020<br>96970504 | 6            | TTS 190014<br>ST 180034 |                     |                   | 111<br>67    | 104<br>69     | 92<br>48   | 97<br>47  | 129<br>26   | 122<br>48 | 102<br>62   |              |             | 104<br>22 | 103<br>22<br>30 | 110<br>0.15<br>73  | 109<br>-1.2<br>55 | 102<br>18<br>47 | 104<br>8.2<br>69  | 92<br>-0.5<br>48 | 95<br>24<br>55        | 107<br>13.8<br>64 | 109<br>104<br>24 | 103<br>34<br>21 | 105<br>-22<br>5  | 85<br>-0.5<br>30 | 111<br>17.7<br>29 | 109<br>-10.2<br>33 | 132<br>-8.1<br>20 | 106<br>22.3<br>49 | 110<br>20<br>28 | 107<br>27<br>25 | 97<br>0.00<br>20  | 111<br>0.28<br>23  | 102<br>0.11<br>20  | 98<br>0.01<br>22  |
| ST 240022<br>96970512 | 6            | ADM 200045<br>ST 190068 |                     |                   | 101<br>65    | 101<br>68     | 94<br>47   | 112<br>46 | 87<br>22    | 92<br>46  | 101<br>61   | 110<br>20    | 93<br>41    | 97<br>34  | 88<br>8<br>23   | 101<br>0.90<br>71  | 95<br>0.4<br>53   | 87<br>2<br>46   | 101<br>7.0<br>68  | 94<br>-0.1<br>47 | 101<br>38<br>54       | 97<br>8.8<br>60   | 112<br>112<br>33 | 100<br>27<br>19 |                  | 88<br>-0.4<br>43 | 108<br>16.6<br>41 | 95<br>-3.6<br>30   | 86<br>-0.1<br>15  | 117<br>28.9<br>46 | 101<br>15<br>39 | 101<br>23<br>34 | 100<br>0.23<br>32 | 90<br>-1.21<br>37  | 71<br>-3.61<br>33  | 99<br>0.02<br>34  |
| ST 240030<br>97470488 | 9            | TTS 190014<br>ST 180048 |                     |                   | 107<br>67    | 110<br>69     | 96<br>49   | 98<br>46  | 110<br>26   | 114<br>48 | 111<br>62   |              |             | 106<br>22 | 103<br>23<br>26 | 107<br>0.41<br>72  | 105<br>-0.7<br>54 | 101<br>17<br>46 | 110<br>10.6<br>69 | 96<br>0.6<br>49  | 104<br>45<br>55       | 114<br>17.5<br>62 | 114<br>115<br>24 | 112<br>55<br>20 | 106<br>-22<br>6  | 81<br>-0.6<br>31 | 105<br>15.3<br>29 | 100<br>-5.8<br>33  | 111<br>-4.5<br>20 | 113<br>26.4<br>49 | 115<br>23<br>28 | 112<br>30<br>25 | 100<br>0.27<br>20 | 108<br>0.03<br>23  | 100<br>-0.08<br>20 | 101<br>0.05<br>22 |
| ST 240034<br>97471031 | 7            | ADM 180052<br>ST 210091 |                     |                   | 81<br>65     | 118<br>54     | 116<br>39  | 86<br>41  | 74<br>24    | 96<br>40  | 120<br>51   | 106<br>24    | 96<br>37    | 111<br>24 | 116<br>35<br>25 | 81<br>2.54<br>71   | 96<br>0.3<br>51   | 114<br>31<br>41 | 118<br>13.7<br>54 | 116<br>6.9<br>39 | 122<br>87<br>45       | 112<br>16.6<br>52 | 122<br>132<br>25 | 97<br>19<br>16  | 110<br>-26<br>19 | 104<br>0.3<br>31 | 115<br>19.8<br>30 | 81<br>3.7<br>32    | 75<br>1.7<br>15   | 98<br>17.1<br>47  | 119<br>25<br>29 | 119<br>35<br>26 | 112<br>1.14<br>23 | 91<br>-1.16<br>25  | 101<br>0.02<br>23  | 111<br>0.19<br>24 |
| ST 240048<br>97561120 | 6            | ADM 200045<br>ST 210045 |                     |                   | 95<br>65     | 109<br>55     | 102<br>41  | 98<br>43  | 86<br>22    | 97<br>41  | 110<br>52   | 115<br>20    | 99<br>37    | 107<br>34 | 103<br>22<br>24 | 94<br>1.44<br>71   | 98<br>0.1<br>51   | 100<br>16<br>43 | 109<br>10.3<br>55 | 102<br>2.4<br>41 | 109<br>58<br>46       | 105<br>12.8<br>53 | 120<br>128<br>33 | 95<br>14<br>16  |                  | 93<br>-0.2<br>42 | 113<br>18.6<br>40 | 94<br>-3.1<br>29   | 85<br>0.0<br>15   | 112<br>26.0<br>45 | 111<br>21<br>38 | 109<br>29<br>33 | 105<br>0.64<br>32 | 88<br>-1.40<br>36  | 70<br>-3.76<br>32  | 104<br>0.09<br>34 |
| ST 240049<br>97561138 | 8            | ADM 200045<br>ST 210039 |                     |                   | 93<br>62     | 116<br>54     | 101<br>37  | 89<br>42  | 88<br>21    | 101<br>39 | 114<br>51   | 109<br>21    | 101<br>35   | 103<br>32 | 113<br>32<br>22 | 89<br>1.93<br>69   | 109<br>-1.2<br>49 | 111<br>28<br>42 | 116<br>13.0<br>54 | 101<br>2.1<br>37 | 108<br>55<br>44       | 109<br>14.8<br>52 | 115<br>117<br>31 | 94<br>12<br>15  | 100<br>-17<br>7  | 98<br>0.0<br>40  | 107<br>16.3<br>38 | 91<br>-1.3<br>28   | 88<br>-0.6<br>14  | 109<br>24.3<br>44 | 109<br>20<br>36 | 109<br>28<br>32 | 99<br>0.20<br>30  | 82<br>-1.82<br>34  | 75<br>-3.14<br>30  | 98<br>0.00<br>32  |

# Breeding Values and Accuracies: Cows & Heifers

| Animal          |              |                      |                     | Selection Values  |              |               |            |          |             |           |             |              |             | Birth     |               |          | Wean           |              |          |          | Growth & Adaptability |            |     |             |     | Fertility  |         |             |           | Frame     |        | Carcass |       |       |          |         |
|-----------------|--------------|----------------------|---------------------|-------------------|--------------|---------------|------------|----------|-------------|-----------|-------------|--------------|-------------|-----------|---------------|----------|----------------|--------------|----------|----------|-----------------------|------------|-----|-------------|-----|------------|---------|-------------|-----------|-----------|--------|---------|-------|-------|----------|---------|
| ID<br>Animal no | % Inbreeding | Genomic<br>Parentage | Index<br>EBV<br>Acc | Sire ID<br>Dam ID | Calv. Ease V | Calf Growth V | Milk Value | Maint. V | Fertility V | Cow Value | Wean Calf V | Growth Value | Prod. Value | Carcass V | Cow wt -birth | Birth wt | Cow-Calf birth | Cow wt -wean | Wean dir | Wean mat | Cow-Calf wn           | Post wn wt | ADG | Veld growth | FCR | Skin Thckn | Scrotum | Heifer Fert | Cow Fert. | Longevity | Height | Length  | EMA   | Fat   | Marbling | Dress % |
|                 |              |                      |                     |                   |              |               |            |          |             |           |             |              |             |           |               |          |                |              |          |          |                       |            |     |             |     |            |         |             |           |           |        |         |       |       |          |         |
| ST 240050       | 6            | ADM 210028           |                     |                   | 91           | 107           | 95         | 97       | 114         | 110       | 100         | 128          | 113         | 113       | 104           | 92       | 94             | 102          | 107      | 95       | 100                   | 115        | 133 | 117         | 123 | 76         | 130     | 106         | 115       | 108       | 129    | 120     | 109   | 83    | 102      | 107     |
| 97562383        |              | ST 160051            |                     |                   | 68           | 68            | 51         | 47       | 26          | 48        | 62          | 20           | 42          | 32        | 23            | 1.69     | 0.5            | 18           | 9.1      | 0.3      | 35                    | 17.9       | 152 | 68          | -37 | -0.8       | 26.6    | -8.9        | -5.3      | 23.6      | 31     | 35      | 0.92  | -1.77 | 0.17     | 0.14    |
|                 |              |                      |                     |                   |              |               |            |          |             |           |             |              |             |           | 32            | 73       | 56             | 47           | 68       | 51       | 55                    | 66         | 32  | 23          | 5   | 39         | 37      | 33          | 20        | 48        | 36     | 32      | 30    | 34    | 30       | 32      |
| ST 240052       | 9            | ST 200033            |                     |                   | 81           | 114           | 109        | 90       | 99          | 108       | 113         |              |             | 106       | 111           | 82       | 92             | 109          | 114      | 109      | 115                   | 121        | 111 | 103         | 106 | 93         | 115     | 102         | 97        | 110       | 110    | 112     | 85    | 107   | 110      |         |
| 97561153        |              | ST 210058            |                     |                   | 65           | 57            | 44         | 46       | 26          | 43        | 54          |              |             | 18        | 31            | 2.46     | 0.7            | 26           | 12.3     | 4.6      | 72                    | 21.1       | 109 | 33          | -22 | -0.2       | 19.9    | -7.0        | -2.1      | 24.9      | 20     | 29      | 1.11  | -1.61 | 0.73     | 0.18    |
|                 |              |                      |                     |                   |              |               |            |          |             |           |             |              |             |           | 29            | 71       | 53             | 46           | 57       | 44       | 49                    | 51         | 20  | 15          | 5   | 23         | 22      | 33          | 19        | 47        | 22     | 20      | 17    | 18    | 17       | 18      |
| ST 240054       | 6            | ADM 200045           |                     |                   | 99           | 111           | 98         | 99       | 87          | 99        | 112         |              |             | 99        | 101           | 96       | 107            | 99           | 111      | 98       | 108                   | 103        | 111 | 90          |     | 99         | 104     | 85          | 89        | 115       | 105    | 103     | 99    | 89    | 73       | 98      |
| 97561179        |              | ST 210061            |                     |                   | 65           | 67            | 44         | 44       | 21          | 45        | 59          |              |             | 30        | 21            | 1.33     | -1.0           | 15           | 10.9     | 1.4      | 54                    | 11.4       | 108 | 3           |     | 0.1        | 14.7    | 1.8         | -0.8      | 28.0      | 17     | 25      | 0.19  | -1.30 | -3.32    | 0.01    |
|                 |              |                      |                     |                   |              |               |            |          |             |           |             |              |             |           | 23            | 71       | 52             | 44           | 67       | 44       | 52                    | 67         | 30  | 14          |     | 39         | 37      | 28          | 14        | 44        | 35     | 31      | 28    | 33    | 29       | 30      |
| ST 240064       | 6            | ADM 200045           |                     |                   | 91           | 106           | 112        | 102      | 83          | 97        | 112         | 112          | 98          | 97        | 97            | 88       | 98             | 96           | 106      | 112      | 119                   | 102        | 118 | 115         | 108 | 106        | 109     | 85          | 84        | 108       | 110    | 108     | 101   | 92    | 75       | 100     |
| 97561617        |              | ST 220011            |                     |                   | 65           | 66            | 43         | 44       | 22          | 44        | 59          | 26           | 40          | 34        | 17            | 1.96     | 0.1            | 11           | 9.0      | 5.7      | 81                    | 11.2       | 123 | 64          | -24 | 0.4        | 17.2    | 1.8         | 0.2       | 23.4      | 20     | 27      | 0.34  | -1.09 | -3.10    | 0.04    |
|                 |              |                      |                     |                   |              |               |            |          |             |           |             |              |             |           | 24            | 71       | 51             | 44           | 66       | 43       | 51                    | 67         | 33  | 16          | 15  | 43         | 41      | 30          | 14        | 45        | 39     | 34      | 32    | 36    | 32       | 34      |
| ST 240066       | 6            | TTS 190014           |                     |                   | 103          | 101           | 90         | 111      | 124         | 116       | 99          |              |             | 95        | 90            | 105      | 92             | 89           | 101      | 90       | 97                    | 97         | 96  | 89          |     | 83         | 101     | 113         | 123       | 116       | 100    | 97      | 94    | 111   | 97       | 95      |
| 97561633        |              | ST 150043            |                     |                   | 69           | 70            | 52         | 48       | 27          | 49        | 64          |              |             | 22        | 10            | 0.57     | 0.8            | 4            | 6.8      | -1.1     | 28                    | 8.4        | 79  | -2          |     | -0.6       | 13.2    | -12.1       | -6.7      | 28.8      | 14     | 21      | -0.20 | 0.24  | -0.49    | -0.03   |
|                 |              |                      |                     |                   |              |               |            |          |             |           |             |              |             |           | 28            | 74       | 57             | 48           | 70       | 52       | 57                    | 70         | 24  | 18          |     | 29         | 28      | 34          | 20        | 50        | 27     | 24      | 20    | 23    | 20       | 22      |
| ST 240067       | 5            | HBH 210009           |                     |                   | 95           | 116           | 114        | 90       | 119         | 129       | 122         | 117          | 128         | 124       | 110           | 96       | 98             | 109          | 116      | 114      | 121                   | 119        | 123 | 103         | 108 | 85         | 104     | 107         | 120       | 119       | 124    | 126     | 117   | 105   | 113      | 118     |
| 97561641        |              | ST 200092            |                     |                   | 66           | 67            | 47         | 48       | 30          | 48        | 61          | 22           | 43          | 34        | 30            | 1.30     | 0.0            | 26           | 13.0     | 6.2      | 85                    | 20.1       | 133 | 34          | -24 | -0.5       | 14.9    | -9.6        | -6.1      | 30.7      | 23     | 39      | 1.51  | -0.18 | 1.43     | 0.28    |
|                 |              |                      |                     |                   |              |               |            |          |             |           |             |              |             |           | 36            | 71       | 55             | 48           | 67       | 47       | 54                    | 51         | 34  | 27          | 9   | 41         | 39      | 37          | 24        | 48        | 38     | 34      | 32    | 35    | 32       | 34      |
| ST 240072       | 6            | HBH 210009           |                     |                   | 86           | 120           | 113        | 92       | 91          | 112       | 125         | 106          | 110         | 120       | 109           | 90       | 88             | 107          | 120      | 113      | 125                   | 119        | 114 | 93          | 96  | 80         | 100     | 95          | 91        | 114       | 116    | 122     | 118   | 101   | 108      | 118     |
| 97561682        |              | ST 200016            |                     |                   | 66           | 67            | 47         | 47       | 30          | 48        | 61          | 23           | 43          | 34        | 28            | 1.83     | 1.1            | 23           | 14.9     | 5.9      | 95                    | 20.3       | 114 | 8           | -14 | -0.7       | 12.9    | -3.4        | -1.0      | 27.4      | 23     | 36      | 1.59  | -0.43 | 0.83     | 0.29    |
|                 |              |                      |                     |                   |              |               |            |          |             |           |             |              |             |           | 33            | 71       | 54             | 47           | 67       | 47       | 54                    | 50         | 34  | 25          | 9   | 41         | 39      | 36          | 24        | 48        | 38     | 34      | 32    | 35    | 32       | 34      |
| ST 240081       | 6            | GH 210010            |                     |                   | 97           | 106           | 95         | 94       | 126         | 118       | 100         |              |             | 98        | 106           | 99       | 95             | 106          | 106      | 95       | 97                    | 109        | 93  | 92          | 85  | 84         | 90      | 122         | 124       | 122       | 88     | 92      | 96    | 97    | 100      | 96      |
| 97710214        |              | ST 190059            |                     |                   | 67           | 68            | 49         | 48       | 28          | 48        | 62          |              |             | 20        | 26            | 1.01     | 0.4            | 22           | 9.0      | 0.2      | 30                    | 14.7       | 74  | 5           | -4  | -0.5       | 8.3     | -17.1       | -6.7      | 32.2      | 8      | 17      | -0.02 | -0.76 | -0.17    | -0.02   |
|                 |              |                      |                     |                   |              |               |            |          |             |           |             |              |             |           | 27            | 72       | 55             | 48           | 68       | 49       | 55                    | 65         | 25  | 25          | 5   | 30         | 29      | 34          | 21        | 48        | 28     | 25      | 20    | 21    | 20       | 20      |
| ST 240084       | 5            | GH 210010            |                     |                   | 109          | 107           | 99         | 97       | 110         | 114       | 109         |              |             | 110       | 102           | 109      | 104            | 102          | 107      | 99       | 104                   | 106        | 110 | 94          | 99  | 93         | 106     | 105         | 110       | 127       | 109    | 109     | 108   | 99    | 100      | 108     |
| 97710248        |              | ST 170044            |                     |                   | 68           | 68            | 50         | 48       | 28          | 49        | 62          |              |             | 16        | 22            | 0.24     | -0.7           | 18           | 9.5      | 1.7      | 46                    | 13.5       | 107 | 11          | -16 | -0.2       | 15.4    | -8.4        | -4.4      | 35.4      | 19     | 28      | 0.83  | -0.58 | -0.10    | 0.14    |
|                 |              |                      |                     |                   |              |               |            |          |             |           |             |              |             |           | 29            | 73       | 56             | 48           | 68       | 50       | 55                    | 66         | 21  | 17          | 5   | 24         | 24      | 36          | 21        | 48        | 23     | 21      | 15    | 17    | 15       | 16      |
| ST 240090       | 8            | ST 180075            |                     |                   | 84           | 108           | 93         | 98       | 96          | 96        | 99          |              |             | 102       | 103           | 88       | 85             | 101          | 108      | 93       | 100                   | 106        | 106 | 84          | 94  | 92         | 96      | 90          | 98        | 112       | 112    | 103     | 114   | 94    | 104      | 113     |
| 97710305        |              | ST 160050            |                     |                   | 68           | 70            | 53         | 50       | 30          | 50        | 64          |              |             | 20        | 23            | 1.99     | 1.6            | 17           | 9.9      | -0.3     | 35                    | 13.4       | 99  | -13         | -12 | -0.2       | 10.9    | -0.8        | -2.3      | 25.9      | 21     | 24      | 1.31  | -0.93 | 0.35     | 0.22    |
|                 |              |                      |                     |                   |              |               |            |          |             |           |             |              |             |           | 30            | 73       | 57             | 50           | 70       | 53       | 58                    | 68         | 23  | 15          | 6   | 30         | 28      | 38          | 22        | 52        | 27     | 23      | 19    | 22    | 19       | 20      |
| ST 240092       | 6            | TTS 190014           |                     |                   | 117          | 109           | 90         | 101      | 98          | 105       | 109         |              |             | 96        | 100           | 118      | 105            | 98           | 109      | 90       | 99                    | 102        | 96  | 88          |     | 74         | 104     | 99          | 97        | 106       | 101    | 103     | 94    | 102   | 96       | 94      |
| 97916845        |              | R 110150             |                     |                   | 69           | 60            | 50         | 46       | 24          | 45        | 58          |              |             | 22        | 20            | -0.51    | -0.7           | 14           | 10.1     | -1.1     | 33                    | 11.3       | 79  | -3          |     | -0.9       | 14.6    | -5.4        | -2.1      | 22.3      | 15     | 24      | -0.17 | -0.37 | -0.62    | -0.04   |
|                 |              |                      |                     |                   |              |               |            |          |             |           |             |              |             |           | 25            | 74       | 56             | 46           | 60       | 50       | 52                    | 54         | 28  | 18          |     | 35         | 33      | 30          | 18        | 50        | 31     | 28      | 20    | 23    | 20       | 22      |
| ST 240096       | 5            | TTS 190014           |                     |                   | 115          | 110           | 90         | 91       | 124         | 122       | 107         |              |             | 99        | 109           | 115      | 111            | 110          | 110      | 90       | 95                    | 109        | 107 | 110         |     | 82         | 107     | 99          | 128       | 117       | 110    | 108     | 97    | 103   | 95       | 98      |
| 97710800        |              | T 140129             |                     |                   | 70           | 72            | 53         | 48       | 26          | 50        | 65          |              |             | 24        | 28            | -0.28    | -1.4           | 27           | 10.7     | -1.1     | 24                    | 14.7       | 101 | 51          |     | -0.6       | 15.9    | -5.2        | -7.6      | 29.5      | 20     | 27      | 0.07  | -0.28 | -0.75    | 0.01    |
|                 |              |                      |                     |                   |              |               |            |          |             |           |             |              |             |           | 28            | 75       | 57             | 48           | 72       | 53       | 58                    | 68         | 25  | 20          |     | 31         | 31      | 20          | 51        | 29        | 26     | 22      | 25    | 22    | 24       |         |

# Breeding Values and Accuracies: Cows & Heifers

| Animal     |            |            |            | Selection Values |               |            |          |             |           |             |              |             |           | Birth         |          |                | Wean         |          |          |             | Growth & Adaptability |     |             |      |            | Fertility |             |           |           | Frame  |        | Carcass |       |          |         |  |
|------------|------------|------------|------------|------------------|---------------|------------|----------|-------------|-----------|-------------|--------------|-------------|-----------|---------------|----------|----------------|--------------|----------|----------|-------------|-----------------------|-----|-------------|------|------------|-----------|-------------|-----------|-----------|--------|--------|---------|-------|----------|---------|--|
| ID         | Inbreeding | Genomic    | Index      | Calv. Ease V     | Calf Growth V | Milk Value | Maint. V | Fertility V | Cow Value | Wean Calf V | Growth Value | Prod. Value | Carcass V | Cow wt -birth | Birth wt | Cow-Calf birth | Cow wt -wean | Wean dir | Wean mat | Cow-Calf wn | Post wn wt            | ADG | Veld growth | FCR  | Skin Thckn | Scrotum   | Heifer Fert | Cow Fert. | Longevity | Height | Length | EMA     | Fat   | Marbling | Dress % |  |
| Animal no  | %          | Parentage  | EBV<br>Acc |                  |               |            |          |             |           |             |              |             |           |               |          |                |              |          |          |             |                       |     |             |      |            |           |             |           |           |        |        |         |       |          |         |  |
| ST 240101  | 8          | TTS 190014 |            | 105              | 113           | 92         | 97       | 109         | 114       | 111         |              |             | 101       | 103           | 104      | 106            | 102          | 113      | 92       | 102         | 110                   | 109 | 111         | 104  | 76         | 103       | 103         | 109       | 114       | 108    | 110    | 95      | 109   | 101      | 96      |  |
| 97831796   |            | TTS 160034 |            | 68               | 70            | 50         | 47       | 27          | 49        | 63          |              |             | 25        | 22            | 0.64     | -0.9           | 18           | 11.7     | -0.5     | 40          | 15.4                  | 105 | 52          | -21  | -0.8       | 14.1      | -7.5        | -4.2      | 27.3      | 19     | 29     | -0.09   | 0.14  | 0.03     | -0.01   |  |
|            |            |            |            |                  |               |            |          |             |           |             |              |             |           | 27            | 73       | 55             | 47           | 70       | 50       | 56          | 68                    | 29  | 28          | 6    | 35         | 34        | 33          | 21        | 50        | 33     | 29     | 24      | 26    | 24       | 25      |  |
| ST 240105  | 5          | GH 210010  |            | 90               | 112           | 98         | 96       | 106         | 110       | 108         |              |             | 106       | 104           | 93       | 92             | 103          | 112      | 98       | 106         | 107                   | 105 | 79          | 91   | 91         | 97        | 97          | 107       | 121       | 103    | 104    | 104     | 100   | 101      | 104     |  |
| 97831838   |            | ST 170070  |            | 67               | 68            | 50         | 47       | 29          | 49        | 62          |              |             | 17        | 23            | 1.60     | 0.8            | 19           | 11.4     | 1.3      | 51          | 14.1                  | 97  | -26         | -10  | -0.3       | 11.6      | -4.5        | -3.9      | 31.6      | 16     | 25     | 0.51    | -0.56 | 0.00     | 0.09    |  |
|            |            |            |            |                  |               |            |          |             |           |             |              |             |           | 29            | 72       | 55             | 47           | 68       | 50       | 55          | 65                    | 22  | 16          | 6    | 25         | 25        | 36          | 22        | 49        | 24     | 22     | 16      | 18    | 16       | 17      |  |
| ST 240117  | 5          | ADM 210028 |            | 103              | 110           | 100        | 93       | 120         | 121       | 111         | 127          | 123         | 116       | 108           | 100      | 110            | 107          | 110      | 100      | 105         | 113                   | 136 | 120         |      | 78         | 136       | 113         | 119       | 108       | 137    | 129    | 111     | 76    | 98       | 109     |  |
| 97831952   |            | SW 130076  |            | 69               | 69            | 52         | 48       | 24          | 48        | 63          | 21           | 43          | 33        | 27            | 0.94     | -1.3           | 23           | 10.6     | 1.9      | 48          | 16.8                  | 158 | 75          | -0.8 | 29.6       | -12.3     | -6.0        | 23.7      | 35        | 41     | 1.06   | -2.26   | -0.33 | 0.16     |         |  |
|            |            |            |            |                  |               |            |          |             |           |             |              |             |           | 38            | 74       | 57             | 48           | 69       | 52       | 56          | 59                    | 35  | 25          |      | 42         | 40        | 30          | 19        | 48        | 39     | 34     | 31      | 35    | 31       | 33      |  |
| ST 240118  | 6          | ST 180075  |            | 94               | 113           | 95         | 100      | 91          | 100       | 110         |              |             | 105       | 100           | 93       | 99             | 99           | 113      | 95       | 106         | 109                   | 112 | 104         |      | 91         | 96        | 89          | 92        | 112       | 119    | 112    | 117     | 86    | 104      | 115     |  |
| 97831960   |            | ST 190015  |            | 68               | 69            | 51         | 50       | 28          | 49        | 63          |              |             | 20        | 20            | 1.56     | -0.1           | 15           | 11.7     | 0.4      | 50          | 15.0                  | 111 | 36          | -0.3 | 10.9       | -0.2      | -1.3        | 25.9      | 25        | 30     | 1.50   | -1.55   | 0.41  | 0.25     |         |  |
|            |            |            |            |                  |               |            |          |             |           |             |              |             |           | 24            | 73       | 57             | 50           | 69       | 51       | 57          | 68                    | 21  | 11          |      | 28         | 27        | 37          | 20        | 51        | 25     | 21     | 18      | 21    | 18       | 20      |  |
| ST 240119  | 6          | ST 180075  |            | 90               | 123           | 88         | 92       | 115         | 120       | 115         |              |             | 117       | 111           | 86       | 105            | 108          | 123      | 88       | 103         | 120                   | 117 | 116         | 107  | 78         | 100       | 112         | 114       | 114       | 122    | 121    | 116     | 87    | 110      | 115     |  |
| 97831978   |            | ST 190024  |            | 68               | 69            | 50         | 49       | 28          | 49        | 63          |              |             | 26        | 30            | 2.11     | -0.8           | 25           | 16.1     | -1.8     | 44          | 20.6                  | 121 | 64          | -24  | -0.8       | 12.8      | -12.0       | -5.0      | 27.6      | 27     | 36     | 1.44    | -1.48 | 1.11     | 0.24    |  |
|            |            |            |            |                  |               |            |          |             |           |             |              |             |           | 26            | 73       | 56             | 49           | 69       | 50       | 56          | 68                    | 26  | 17          | 6    | 34         | 32        | 37          | 20        | 49        | 31     | 27     | 24      | 28    | 24       | 26      |  |
| ST 240123  | 4          | TTS 190014 |            | 107              | 106           | 92         | 92       | 122         | 117       | 101         |              |             | 96        | 107           | 108      | 105            | 108          | 106      | 92       | 94          | 110                   | 105 | 129         |      | 80         | 105       | 104         | 125       | 118       | 108    | 105    | 95      | 105   | 98       | 96      |  |
| 97983092   |            | ST 180065  |            | 68               | 69            | 50         | 47       | 25          | 48        | 62          |              |             | 22        | 27            | 0.27     | -0.7           | 25           | 9.1      | -0.6     | 22          | 15.5                  | 98  | 97          | -0.7 | 15.3       | -7.6      | -7.0        | 29.7      | 19        | 26     | -0.10  | -0.19   | -0.31 | -0.02    |         |  |
|            |            |            |            |                  |               |            |          |             |           |             |              |             |           | 24            | 73       | 55             | 47           | 69       | 50       | 55          | 68                    | 23  | 17          |      | 29         | 28        | 32          | 18        | 48        | 27     | 23     | 20      | 23    | 20       | 22      |  |
| ST 240137  | 5          | TTS 210004 |            | 82               | 131           | 99         | 82       | 114         | 126       | 126         |              |             | 128       | 126           | 83       | 97             | 120          | 131      | 99       | 114         | 133                   | 119 | 83          | 100  | 89         | 113       | 107         | 113       | 108       | 124    | 127    | 118     | 95    | 105      | 118     |  |
| 98212822   |            | ST 200017  |            | 65               | 65            | 47         | 46       | 26          | 46        | 59          |              |             | 18        | 45            | 2.40     | 0.2            | 38           | 19.1     | 1.7      | 69          | 27.3                  | 124 | -17         | -17  | -0.3       | 18.7      | -9.6        | -4.9      | 23.3      | 28     | 40     | 1.59    | -0.87 | 0.43     | 0.28    |  |
|            |            |            |            |                  |               |            |          |             |           |             |              |             |           | 26            | 70       | 54             | 46           | 65       | 47       | 53          | 50                    | 21  | 15          | 5    | 26         | 25        | 33          | 19        | 44        | 24     | 21     | 17      | 19    | 17       | 18      |  |
| ST 240138  | 6          | TTS 210004 |            | 80               | 128           | 105        | 91       | 104         | 121       | 128         |              |             | 119       | 113           | 76       | 94             | 109          | 128      | 105      | 122         | 122                   | 116 | 86          | 98   | 83         | 110       | 100         | 104       | 109       | 119    | 123    | 113     | 94    | 98       | 112     |  |
| 98212830   |            | ST 200045  |            | 65               | 65            | 46         | 46       | 26          | 46        | 59          |              |             | 20        | 32            | 3.01     | 0.5            | 25           | 18.0     | 3.4      | 89          | 21.7                  | 118 | -8          | -16  | -0.6       | 17.5      | -5.8        | -3.3      | 24.5      | 25     | 37     | 1.19    | -0.99 | -0.35    | 0.21    |  |
|            |            |            |            |                  |               |            |          |             |           |             |              |             |           | 25            | 70       | 53             | 46           | 65       | 46       | 52          | 51                    | 22  | 14          | 6    | 28         | 27        | 34          | 18        | 43        | 26     | 23     | 19      | 22    | 19       | 20      |  |
| TTS 240003 | 7          | TTS 190014 |            | 102              | 110           | 81         | 105      | 111         | 108       | 102         |              |             | 98        | 96            | 102      | 99             | 94           | 110      | 81       | 92          | 109                   | 99  | 113         | 99   | 75         | 101       | 107         | 110       | 108       | 99     | 98     | 95      | 114   | 102      | 97      |  |
| 96851522   |            | TTS 180022 |            | 67               | 70            | 50         | 47       | 26          | 48        | 63          |              |             | 25        | 16            | 0.82     | 0.0            | 10           | 10.8     | -4.2     | 17          | 15.1                  | 85  | 58          | -17  | -0.9       | 13.2      | -9.3        | -4.3      | 23.2      | 13     | 21     | -0.08   | 0.51  | 0.14     | -0.01   |  |
|            |            |            |            |                  |               |            |          |             |           |             |              |             |           | 28            | 72       | 55             | 47           | 70       | 50       | 56          | 62                    | 28  | 28          | 7    | 34         | 33        | 32          | 20        | 48        | 32     | 28     | 24      | 26    | 24       | 25      |  |
| TTS 240009 | 7          | TTS 190014 |            | 104              | 122           | 74         | 96       | 115         | 116       | 111         |              |             | 106       | 106           | 101      | 110            | 106          | 122      | 74       | 90          | 115                   | 101 | 97          | 95   | 68         | 100       | 104         | 116       | 108       | 104    | 105    | 106     | 109   | 98       | 107     |  |
| 96851571   |            | TTS 190002 |            | 67               | 69            | 50         | 47       | 24          | 48        | 62          |              |             | 25        | 25            | 0.93     | -1.3           | 22           | 15.7     | -6.3     | 13          | 18.3                  | 89  | 19          | -13  | -1.2       | 12.9      | -7.8        | -5.4      | 23.6      | 17     | 26     | 0.72    | 0.16  | -0.32    | 0.14    |  |
|            |            |            |            |                  |               |            |          |             |           |             |              |             |           | 27            | 72       | 55             | 47           | 69       | 50       | 55          | 68                    | 28  | 28          | 6    | 35         | 33        | 29          | 20        | 48        | 32     | 29     | 24      | 26    | 24       | 25      |  |
| TTS 240011 | 5          | ST 180075  |            | 87               | 124           | 89         | 90       | 107         | 114       | 115         |              |             | 119       | 116           | 86       | 99             | 111          | 124      | 89       | 103         | 122                   | 115 | 104         | 108  | 83         | 100       | 100         | 108       | 101       | 127    | 121    | 122     | 89    | 108      | 121     |  |
| 96851597   |            | TTS 210003 |            | 66               | 69            | 48         | 48       | 26          | 48        | 62          |              |             | 26        | 35            | 2.12     | -0.1           | 28           | 16.5     | -1.7     | 44          | 21.5                  | 117 | 36          | -24  | -0.6       | 12.8      | -5.8        | -3.9      | 19.2      | 30     | 36     | 1.87    | -1.31 | 0.80     | 0.32    |  |
|            |            |            |            |                  |               |            |          |             |           |             |              |             |           | 26            | 71       | 55             | 48           | 69       | 48       | 55          | 70                    | 26  | 17          | 6    | 34         | 32        | 34          | 19        | 49        | 31     | 27     | 24      | 28    | 24       | 26      |  |
| TTS 240014 | 4          | TTS 190014 |            | 112              | 113           | 87         | 101      | 112         | 115       | 111         |              |             | 112       | 100           | 110      | 109            | 99           | 113      | 87       | 98          | 109                   | 114 | 103         | 108  | 79         | 108       | 100         | 113       | 106       | 115    | 116    | 103     | 108   | 98       | 104     |  |
| 96970454   |            | TTS 180027 |            | 67               | 70            | 50         | 47       | 25          | 48        | 63          |              |             | 24        | 20            | 0.16     | -1.2           | 15           | 11.6     | -2.2     | 32          | 14.7                  | 115 | 34          | -24  | -0.7       | 16.4      | -5.7        | -4.9      | 22.5      | 22     | 33     | 0.44    | 0.04  | -0.39    | 0.09    |  |
|            |            |            |            |                  |               |            |          |             |           |             |              |             |           | 24            | 72       | 55             | 47           | 70       | 50       | 56          | 69                    | 26  | 20          | 7    | 32         | 31        | 32          | 18        | 48        | 30     | 26     | 22      | 26    | 23       | 24      |  |

# Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

| Animal                 |              |                          |                     | Selection Values |        |              |               |            |           |             |           |             |              | Birth       |           |                 | Wean              |                   |                 |                   | Growth & Adaptability |                 |                   |                  |                 | Fertility       |                  |                   |                    | Frame             |                   | Carcass         |                 |                   |                    |                   |                   |
|------------------------|--------------|--------------------------|---------------------|------------------|--------|--------------|---------------|------------|-----------|-------------|-----------|-------------|--------------|-------------|-----------|-----------------|-------------------|-------------------|-----------------|-------------------|-----------------------|-----------------|-------------------|------------------|-----------------|-----------------|------------------|-------------------|--------------------|-------------------|-------------------|-----------------|-----------------|-------------------|--------------------|-------------------|-------------------|
| ID<br>Animal no        | % Inbreeding | Genomic<br>Parentage     | Index<br>EBV<br>Acc | Sire ID          | Dam ID | Calv. Ease V | Calf Growth V | Milk Value | Maint. V  | Fertility V | Cow Value | Wean Calf V | Growth Value | Prod. Value | Carcass V | Cow wt -birth   | Birth wt          | Cow-Calf birth    | Cow wt -wean    | Wean dir          | Wean mat              | Cow-Calf wn     | Post wn wt        | ADG              | Veld growth     | FCR             | Skin Thicken     | Scrotum           | Heifer Fert        | Cow Fert.         | Longevity         | Height          | Length          | EMA               | Fat                | Marbling          | Dress %           |
|                        |              |                          |                     |                  |        |              |               |            |           |             |           |             |              |             |           |                 |                   |                   |                 |                   |                       |                 |                   |                  |                 |                 |                  |                   |                    |                   |                   |                 |                 |                   |                    |                   |                   |
| TTS 240015<br>96970462 | 5            | GH 150004<br>ST 150023   |                     |                  |        | 116<br>69    | 95<br>61      | 77<br>59   | 140<br>59 | 87<br>33    | 89<br>51  | 98<br>62    | 93<br>25     | 87<br>46    | 92<br>42  | 70<br>-10<br>36 | 110<br>0.10<br>72 | 110<br>-1.3<br>63 | 68<br>-19<br>59 | 95<br>4.4<br>61   | 77<br>-5.4<br>59      | 86<br>3<br>60   | 87<br>3.5<br>58   | 95<br>77<br>41   | 95<br>14<br>18  | 86<br>-5<br>6   | 96<br>0.0<br>47  | 93<br>9.5<br>46   | 104<br>-8.1<br>45  | 81<br>0.6<br>21   | 100<br>18.3<br>55 | 80<br>3<br>45   | 84<br>12<br>41  | 97<br>0.01<br>40  | 112<br>0.37<br>43  | 119<br>2.24<br>40 | 98<br>0.00<br>42  |
| TTS 240016<br>97089692 | 6            | ADM 200045<br>TTS 200032 |                     |                  |        | 96<br>64     | 108<br>55     | 95<br>41   | 102<br>39 | 89<br>22    | 95<br>40  | 105<br>52   | 113<br>20    | 97<br>36    | 103<br>34 | 98<br>18<br>24  | 95<br>1.43<br>69  | 99<br>0.0<br>50   | 97<br>12<br>39  | 108<br>9.6<br>55  | 95<br>0.3<br>41       | 103<br>43<br>45 | 100<br>10.2<br>52 | 116<br>119<br>34 | 98<br>20<br>19  |                 | 88<br>-0.4<br>43 | 111<br>17.9<br>41 | 103<br>-7.2<br>30  | 86<br>-0.1<br>15  | 109<br>24.3<br>44 | 104<br>17<br>39 | 104<br>25<br>34 | 105<br>0.61<br>32 | 92<br>-1.09<br>37  | 72<br>-3.54<br>33 | 104<br>0.09<br>34 |
| TTS 240018<br>97471007 | 5            | ST 200033<br>TTS 210010  |                     |                  |        | 97<br>66     | 110<br>56     | 95<br>43   | 102<br>42 | 88<br>26    | 96<br>42  | 108<br>53   |              |             | 102<br>26 | 99<br>19<br>30  | 95<br>1.36<br>72  | 101<br>-0.3<br>53 | 97<br>12<br>42  | 110<br>10.4<br>56 | 95<br>0.3<br>43       | 104<br>46<br>47 | 112<br>16.2<br>52 | 108<br>104<br>27 | 97<br>19<br>18  | 99<br>-16<br>5  | 91<br>-0.2<br>31 | 111<br>17.9<br>30 | 103<br>-7.4<br>35  | 83<br>0.3<br>18   | 103<br>20.5<br>47 | 101<br>15<br>30 | 102<br>24<br>27 | 107<br>0.75<br>25 | 98<br>-0.67<br>27  | 115<br>1.64<br>25 | 106<br>0.12<br>26 |
| TTS 240019<br>97494942 | 6            | ST 180075<br>TTS 180005  |                     |                  |        | 97<br>67     | 112<br>67     | 92<br>51   | 112<br>50 | 96<br>28    | 105<br>49 | 112<br>62   |              |             | 110<br>24 | 93<br>13<br>30  | 98<br>1.15<br>72  | 91<br>0.8<br>57   | 88<br>3<br>50   | 112<br>11.2<br>67 | 92<br>-0.6<br>51      | 108<br>54<br>56 | 108<br>14.4<br>60 | 112<br>112<br>27 | 105<br>37<br>25 | 101<br>-18<br>6 | 87<br>-0.4<br>34 | 96<br>10.9<br>32  | 102<br>-7.0<br>36  | 94<br>-1.6<br>21  | 111<br>25.2<br>51 | 113<br>21<br>31 | 109<br>28<br>27 | 120<br>1.73<br>22 | 96<br>-0.80<br>25  | 109<br>0.93<br>22 | 119<br>0.30<br>24 |
| TTS 240020<br>97494959 | 7            | TTS 190014<br>TTS 180019 |                     |                  |        | 103<br>68    | 112<br>69     | 91<br>50   | 95<br>47  | 126<br>26   | 123<br>48 | 108<br>62   |              |             | 105<br>24 | 105<br>25<br>27 | 103<br>0.73<br>73 | 104<br>-0.6<br>55 | 105<br>21<br>47 | 112<br>11.5<br>69 | 91<br>-0.9<br>50      | 99<br>34<br>55  | 114<br>17.6<br>67 | 106<br>99<br>28  | 92<br>7<br>29   | 97<br>-15<br>6  | 73<br>-1.0<br>35 | 103<br>14.4<br>34 | 114<br>-12.7<br>33 | 126<br>-7.1<br>20 | 110<br>24.7<br>49 | 100<br>14<br>33 | 104<br>25<br>29 | 100<br>0.23<br>23 | 110<br>0.20<br>26  | 103<br>0.27<br>23 | 101<br>0.05<br>24 |
| TTS 240021<br>97494967 | 7            | ADM 200045<br>TTS 210021 |                     |                  |        | 79<br>65     | 113<br>66     | 105<br>43  | 94<br>43  | 88<br>19    | 98<br>43  | 109<br>59   | 104<br>21    | 97<br>39    | 96<br>32  | 106<br>25<br>25 | 78<br>2.84<br>71  | 90<br>1.0<br>51   | 105<br>22<br>43 | 113<br>11.7<br>66 | 105<br>3.5<br>43      | 113<br>66<br>51 | 106<br>13.2<br>65 | 108<br>104<br>31 | 96<br>16<br>15  | 98<br>-15<br>7  | 99<br>0.1<br>40  | 104<br>14.9<br>38 | 93<br>-2.6<br>24   | 87<br>-0.4<br>14  | 108<br>23.6<br>44 | 102<br>16<br>36 | 103<br>25<br>32 | 96<br>-0.02<br>30 | 87<br>-1.49<br>34  | 75<br>-3.17<br>30 | 95<br>-0.03<br>32 |
| TTS 240022<br>97494975 | 9            | ST 160007<br>TTS 180003  |                     |                  |        | 86<br>68     | 108<br>56     | 96<br>49   | 99<br>52  | 89<br>26    | 94<br>45  | 102<br>56   |              |             | 104<br>12 | 102<br>22<br>26 | 87<br>2.02<br>73  | 88<br>1.2<br>57   | 99<br>15<br>52  | 108<br>9.9<br>56  | 96<br>0.7<br>49       | 103<br>44<br>52 | 110<br>15.6<br>50 | 109<br>104<br>17 | 100<br>25<br>12 | 101<br>-18<br>6 | 100<br>0.1<br>21 | 103<br>14.2<br>20 | 91<br>-1.2<br>34   | 90<br>-0.9<br>19  | 101<br>19.2<br>52 | 105<br>17<br>19 | 101<br>23<br>17 | 102<br>0.37<br>11 | 96<br>-0.85<br>12  | 103<br>0.25<br>10 | 101<br>0.05<br>12 |
| TTS 240031<br>97562268 | 7            | ST 180075<br>TTS 160032  |                     |                  |        | 85<br>68     | 128<br>68     | 91<br>51   | 83<br>49  | 91<br>30    | 105<br>49 | 119<br>62   |              |             | 118<br>24 | 123<br>42<br>28 | 85<br>2.20<br>73  | 101<br>-0.3<br>57 | 120<br>38<br>49 | 128<br>18.0<br>68 | 91<br>-0.8<br>51      | 105<br>47<br>56 | 127<br>24.3<br>55 | 122<br>130<br>26 | 94<br>11<br>26  | 102<br>-19<br>7 | 85<br>-0.5<br>34 | 94<br>10.1<br>32  | 96<br>-3.8<br>37   | 89<br>-0.8<br>22  | 108<br>23.5<br>51 | 125<br>28<br>31 | 121<br>36<br>27 | 126<br>2.13<br>22 | 90<br>-1.27<br>25  | 108<br>0.82<br>22 | 124<br>0.37<br>24 |
| TTS 240035<br>97562292 | 5            | ST 200033<br>TTS 210018  |                     |                  |        | 83<br>65     | 124<br>66     | 94<br>45   | 86<br>46  | 82<br>26    | 97<br>46  | 116<br>59   |              |             | 109<br>26 | 119<br>38<br>31 | 82<br>2.48<br>71  | 101<br>-0.3<br>53 | 116<br>33<br>46 | 124<br>16.4<br>66 | 94<br>0.2<br>45       | 106<br>51<br>52 | 131<br>26.5<br>66 | 115<br>117<br>27 | 110<br>50<br>19 | 105<br>-22<br>5 | 93<br>-0.2<br>31 | 114<br>19.4<br>30 | 97<br>-4.6<br>35   | 78<br>1.2<br>18   | 104<br>21.3<br>48 | 109<br>19<br>30 | 110<br>29<br>27 | 109<br>0.91<br>25 | 99<br>-0.60<br>27  | 117<br>1.91<br>25 | 109<br>0.16<br>26 |
| TTS 240039<br>97832059 | 7            | GH 210010<br>TTS 160038  |                     |                  |        | 98<br>67     | 109<br>68     | 94<br>51   | 98<br>49  | 120<br>28   | 118<br>49 | 105<br>62   |              |             | 103<br>20 | 103<br>22<br>26 | 98<br>1.15<br>72  | 99<br>0.0<br>56   | 101<br>17<br>49 | 109<br>10.3<br>68 | 94<br>0.1<br>51       | 101<br>39<br>56 | 106<br>13.3<br>51 | 100<br>88<br>25  | 89<br>-1<br>25  | 89<br>-8<br>8   | 83<br>-0.6<br>30 | 92<br>9.0<br>29   | 116<br>-13.9<br>36 | 119<br>-5.9<br>21 | 119<br>30.5<br>49 | 96<br>12<br>28  | 98<br>21<br>26  | 103<br>0.50<br>19 | 104<br>-0.22<br>20 | 105<br>0.52<br>19 | 104<br>0.09<br>20 |
| TTS 240040<br>97832067 | 4            | HBH 210009<br>TTS 200021 |                     |                  |        | 96<br>66     | 121<br>65     | 116<br>47  | 83<br>47  | 105<br>30   | 123<br>47 | 128<br>59   | 119<br>23    | 123<br>42   | 128<br>34 | 119<br>38<br>34 | 96<br>1.30<br>71  | 105<br>-0.7<br>54 | 118<br>35<br>47 | 121<br>15.0<br>65 | 116<br>6.9<br>47      | 122<br>88<br>53 | 120<br>20.7<br>48 | 127<br>140<br>34 | 101<br>29<br>27 | 108<br>-25<br>9 | 85<br>-0.5<br>41 | 105<br>15.3<br>39 | 95<br>-3.2<br>37   | 107<br>-3.8<br>24 | 116<br>28.5<br>48 | 128<br>30<br>38 | 132<br>43<br>34 | 122<br>1.90<br>32 | 107<br>-0.03<br>36 | 111<br>1.22<br>33 | 123<br>0.36<br>34 |
| TTS 240045<br>97983621 | 8            | ST 180075<br>TTS 170017  |                     |                  |        | 95<br>68     | 113<br>68     | 94<br>52   | 99<br>49  | 100<br>27   | 107<br>49 | 110<br>63   |              |             | 114<br>20 | 103<br>22<br>27 | 94<br>1.47<br>73  | 99<br>0.0<br>57   | 99<br>15<br>49  | 113<br>11.9<br>68 | 94<br>0.2<br>52       | 106<br>49<br>56 | 112<br>16.4<br>54 | 119<br>125<br>22 | 94<br>12<br>13  | 101<br>-18<br>6 | 89<br>-0.3<br>28 | 95<br>10.6<br>27  | 99<br>-5.5<br>34   | 101<br>-2.7<br>20 | 110<br>25.0<br>50 | 121<br>26<br>26 | 117<br>33<br>22 | 122<br>1.84<br>19 | 92<br>-1.13<br>22  | 108<br>0.87<br>18 | 121<br>0.32<br>20 |

# Breeding Values and Accuracies: Cows & Heifers

| Animal          |              |                      |                     | Selection Values |               |            |          |             |           |             |              |             |           | Birth         |          |                | Wean         |          |          |             | Growth & Adaptability |     |             |     |            | Fertility |             |           |           | Frame  |        | Carcass |       |          |         |
|-----------------|--------------|----------------------|---------------------|------------------|---------------|------------|----------|-------------|-----------|-------------|--------------|-------------|-----------|---------------|----------|----------------|--------------|----------|----------|-------------|-----------------------|-----|-------------|-----|------------|-----------|-------------|-----------|-----------|--------|--------|---------|-------|----------|---------|
| ID<br>Animal no | % Inbreeding | Genomic<br>Parentage | Index<br>EBV<br>Acc | Calv. Ease V     | Calf Growth V | Milk Value | Maint. V | Fertility V | Cow Value | Wean Calf V | Growth Value | Prod. Value | Carcass V | Cow wt -birth | Birth wt | Cow-Calf birth | Cow wt -wean | Wean dir | Wean mat | Cow-Calf wn | Post wn wt            | ADG | Veld growth | FCR | Skin Thckn | Scrotum   | Heifer Fert | Cow Fert. | Longevity | Height | Length | EMA     | Fat   | Marbling | Dress % |
|                 |              |                      |                     |                  |               |            |          |             |           |             |              |             |           |               |          |                |              |          |          |             |                       |     |             |     |            |           |             |           |           |        |        |         |       |          |         |
| TTS 240051      | 6            | TTS 210004           |                     | 87               | 120           | 98         | 92       | 116         | 121       | 115         |              |             | 117       | 111           | 90       | 91             | 108          | 120      | 98       | 110         | 111                   | 109 | 84          | 96  | 86         | 114       | 112         | 114       | 102       | 108    | 118    | 106     | 89    | 96       | 106     |
| 98212988        |              | TTS 200002           |                     | 64               | 63            | 44         | 45       | 24          | 44        | 57          |              |             | 22        | 30            | 1.85     | 0.8            | 25           | 14.7     | 1.3      | 60          | 15.8                  | 105 | -13         | -14 | -0.5       | 19.5      | -11.8       | -5.1      | 20.1      | 19     | 34     | 0.73    | -1.34 | -0.62    | 0.11    |
|                 |              |                      |                     |                  |               |            |          |             |           |             |              |             |           | 24            | 69       | 52             | 45           | 63       | 44       | 51          | 46                    | 24  | 17          | 6   | 30         | 28        | 30          | 18        | 44        | 27     | 25     | 21      | 23    | 21       | 22      |
| ST 250007       | 9            | TTS 190014           |                     | 103              | 119           | 89         | 98       | 104         | 113       | 116         |              |             | 109       | 105           | 101      | 107            | 102          | 119      | 89       | 104         | 117                   | 116 | 121         | 109 | 79         | 107       | 96          | 106       | 103       | 119    | 118    | 104     | 108   | 98       | 105     |
| 98543499        |              | ST 180077            |                     | 67               | 68            | 50         | 46       | 26          | 48        | 62          |              |             | 22        | 24            | 0.90     | -1.0           | 18           | 14.2     | -1.5     | 45          | 18.9                  | 120 | 79          | -25 | -0.7       | 16.1      | -3.7        | -3.6      | 20.7      | 25     | 34     | 0.57    | 0.06  | -0.41    | 0.11    |
|                 |              |                      |                     |                  |               |            |          |             |           |             |              |             |           | 25            | 72       | 54             | 46           | 68       | 50       | 55          | 58                    | 23  | 17          | 5   | 30         | 28        | 33          | 19        | 48        | 27     | 24     | 20      | 23    | 20       | 22      |
| ST 250009       | 9            | TTS 190014           |                     | 114              | 116           | 91         | 96       | 107         | 116       | 116         |              |             | 113       | 107           | 113      | 109            | 103          | 116      | 91       | 103         | 116                   | 119 | 106         | 107 | 82         | 112       | 88          | 111       | 110       | 120    | 119    | 105     | 107   | 99       | 106     |
| 98543515        |              | ST 170011            |                     | 68               | 70            | 51         | 47       | 26          | 49        | 63          |              |             | 22        | 26            | -0.13    | -1.2           | 19           | 13.0     | -0.8     | 43          | 18.6                  | 124 | 42          | -24 | -0.6       | 18.2      | -0.1        | -4.6      | 24.9      | 26     | 35     | 0.61    | -0.04 | -0.24    | 0.12    |
|                 |              |                      |                     |                  |               |            |          |             |           |             |              |             |           | 27            | 73       | 55             | 47           | 70       | 51       | 56          | 62                    | 23  | 17          | 5   | 30         | 28        | 33          | 20        | 48        | 27     | 24     | 20      | 23    | 20       | 22      |
| ST 250010       | 6            | TTS 190014           |                     | 104              | 112           | 88         | 95       | 108         | 109       | 106         |              |             | 102       | 106           | 101      | 109            | 105          | 112      | 88       | 96          | 110                   | 107 | 108         |     | 86         | 110       | 85          | 113       | 104       | 109    | 107    | 101     | 114   | 98       | 102     |
| 98543523        |              | ST 150036            |                     | 68               | 70            | 51         | 48       | 27          | 49        | 63          |              |             | 22        | 25            | 0.88     | -1.2           | 22           | 11.5     | -2.0     | 26          | 15.3                  | 101 | 46          |     | -0.5       | 17.3      | 1.7         | -4.9      | 21.2      | 20     | 27     | 0.33    | 0.47  | -0.31    | 0.07    |
|                 |              |                      |                     |                  |               |            |          |             |           |             |              |             |           | 27            | 73       | 56             | 48           | 70       | 51       | 56          | 62                    | 24  | 20          |     | 30         | 29        | 34          | 20        | 49        | 27     | 24     | 20      | 23    | 20       | 22      |
| ST 250014       | 6            | ADM 200045           |                     | 91               | 121           | 97         | 100      | 87          | 105       | 121         | 110          | 105         | 102       | 100           | 88       | 101            | 99           | 121      | 97       | 114         | 105                   | 113 | 97          | 97  | 98         | 105       | 80          | 91        | 106       | 108    | 109    | 96      | 84    | 72       | 95      |
| 98741150        |              | ST 210121            |                     | 65               | 67            | 44         | 39       | 21          | 44        | 59          | 20           | 39          | 32        | 20            | 2.01     | -0.2           | 15           | 15.1     | 0.9      | 70          | 12.8                  | 112 | 20          | -15 | 0.0        | 14.9      | 4.4         | -1.1      | 22.1      | 18     | 28     | 0.00    | -1.65 | -3.54    | -0.03   |
|                 |              |                      |                     |                  |               |            |          |             |           |             |              |             |           | 23            | 71       | 50             | 39           | 67       | 44       | 50          | 58                    | 32  | 14          | 6   | 41         | 39        | 27          | 15        | 44        | 37     | 32     | 30      | 35    | 31       | 32      |
| ST 250021       | 18           | ST 200008            |                     | 88               | 111           | 104        | 91       | 98          | 104       | 108         |              |             | 111       | 110           | 94       | 86             | 109          | 111      | 104      | 109         | 121                   | 118 | 110         | 105 | 95         | 102       | 85          | 101       | 106       | 121    | 115    | 110     | 94    | 98       | 110     |
| 98820673        |              | ST 180047            |                     | 67               | 69            | 51         | 48       | 28          | 49        | 63          |              |             | 14        | 30            | 1.46     | 1.4            | 25           | 11.0     | 3.4      | 58          | 21.1                  | 123 | 50          | -22 | -0.1       | 13.8      | 1.6         | -2.8      | 22.4      | 26     | 32     | 1.00    | -0.95 | -0.32    | 0.17    |
|                 |              |                      |                     |                  |               |            |          |             |           |             |              |             |           | 25            | 72       | 56             | 48           | 69       | 51       | 56          | 56                    | 18  | 17          | 5   | 22         | 22        | 35          | 21        | 48        | 20     | 18     | 14      | 15    | 13       | 14      |
| ST 250022       | 6            | ST 200008            |                     | 102              | 105           | 106        | 95       | 102         | 107       | 106         |              |             | 103       | 104           | 106      | 95             | 104          | 105      | 106      | 107         | 102                   | 105 | 104         | 99  | 93         | 98        | 94          | 104       | 108       | 107    | 104    | 101     | 87    | 95       | 100     |
| 98820681        |              | ST 180012            |                     | 66               | 57            | 49         | 48       | 26          | 44        | 56          |              |             | 14        | 23            | 0.51     | 0.4            | 20           | 8.3      | 3.7      | 53          | 11.3                  | 98  | 35          | -16 | -0.2       | 12.1      | -2.9        | -3.3      | 23.8      | 18     | 25     | 0.35    | -1.47 | -0.75    | 0.04    |
|                 |              |                      |                     |                  |               |            |          |             |           |             |              |             |           | 22            | 71       | 55             | 48           | 57       | 49       | 51          | 49                    | 17  | 12          | 6   | 21         | 21        | 31          | 20        | 47        | 20     | 17     | 14      | 15    | 13       | 14      |
| ST 250025       | 8            | GH 210010            |                     | 85               | 100           | 101        | 104      | 118         | 110       | 96          |              |             | 89        | 96            | 88       | 83             | 95           | 100      | 101      | 103         | 97                    | 86  | 81          |     | 94         | 94        | 111         | 118       | 116       | 86     | 85     | 95      | 104   | 99       | 95      |
| 99166837        |              | ST 150032            |                     | 67               | 69            | 51         | 48       | 28          | 49        | 63          |              |             | 15        | 15            | 1.98     | 1.7            | 10           | 6.5      | 2.2      | 44          | 8.3                   | 59  | -21         |     | -0.1       | 10.1      | -11.3       | -5.7      | 28.3      | 6      | 13     | -0.12   | -0.25 | -0.22    | -0.03   |
|                 |              |                      |                     |                  |               |            |          |             |           |             |              |             |           | 27            | 72       | 56             | 48           | 69       | 51       | 56          | 58                    | 19  | 14          |     | 22         | 22        | 36          | 20        | 48        | 21     | 19     | 14      | 16    | 15       | 15      |
| ST 250026       | 8            | ST 200033            |                     | 78               | 121           | 106        | 89       | 89          | 104       | 118         |              |             | 121       | 114           | 81       | 88             | 110          | 121      | 106      | 117         | 127                   | 129 | 107         | 117 | 83         | 131       | 102         | 85        | 103       | 123    | 126    | 123     | 86    | 103      | 121     |
| 99166845        |              | ST 220084            |                     | 66               | 66            | 45         | 46       | 26          | 46        | 60          |              |             | 23        | 33            | 2.58     | 1.2            | 27           | 15.0     | 3.9      | 77          | 24.5                  | 145 | 44          | -32 | -0.6       | 27.3      | -6.7        | 0.0       | 20.5      | 27     | 39     | 1.94    | -1.53 | 0.24     | 0.33    |
|                 |              |                      |                     |                  |               |            |          |             |           |             |              |             |           | 29            | 72       | 53             | 46           | 66       | 45       | 52          | 52                    | 24  | 16          | 5   | 29         | 28        | 34          | 18        | 45        | 27     | 25     | 22      | 24    | 22       | 23      |
| ST 250027       | 8            | ST 200033            |                     | 88               | 123           | 108        | 91       | 93          | 112       | 125         |              |             | 115       | 112           | 88       | 97             | 108          | 123      | 108      | 122         | 121                   | 118 | 87          | 105 | 91         | 121       | 100         | 90        | 104       | 118    | 121    | 114     | 79    | 102      | 112     |
| 99166852        |              | ST 220106            |                     | 66               | 66            | 46         | 46       | 26          | 46        | 60          |              |             | 20        | 31            | 2.01     | 0.2            | 25           | 15.9     | 4.4      | 87          | 21.1                  | 122 | -5          | -22 | -0.3       | 22.4      | -5.9        | -0.9      | 21.2      | 24     | 36     | 1.28    | -2.01 | 0.13     | 0.20    |
|                 |              |                      |                     |                  |               |            |          |             |           |             |              |             |           | 28            | 72       | 54             | 46           | 66       | 46       | 53          | 52                    | 21  | 14          | 7   | 25         | 25        | 34          | 19        | 46        | 24     | 22     | 19      | 20    | 18       | 20      |
| ST 250028       | 10           | ST 200033            |                     | 81               | 132           | 104        | 85       | 88          | 112       | 131         |              |             | 117       | 120           | 76       | 99             | 117          | 132      | 104      | 121         | 132                   | 122 | 94          | 108 | 91         | 124       | 100         | 85        | 103       | 122    | 124    | 119     | 83    | 106      | 117     |
| 99166860        |              | ST 220031            |                     | 65               | 65            | 43         | 44       | 24          | 45        | 58          |              |             | 18        | 39            | 3.00     | 0.0            | 34           | 19.8     | 3.2      | 85          | 27.1                  | 130 | 11          | -24 | -0.3       | 24.2      | -5.8        | 0.0       | 20.2      | 26     | 38     | 1.63    | -1.78 | 0.56     | 0.27    |
|                 |              |                      |                     |                  |               |            |          |             |           |             |              |             |           | 27            | 71       | 52             | 44           | 65       | 43       | 51          | 50                    | 21  | 14          | 7   | 24         | 23        | 32          | 17        | 43        | 23     | 21     | 18      | 19    | 18       | 18      |
| ST 250030       | 5            | ST 200033            |                     | 89               | 122           | 103        | 92       | 88          | 106       | 122         |              |             | 108       | 111           | 89       | 97             | 108          | 122      | 103      | 116         | 124                   | 117 | 103         | 112 | 84         | 127       | 104         | 84        | 103       | 112    | 113    | 114     | 88    | 101      | 113     |
| 99166886        |              | ST 220113            |                     | 66               | 66            | 45         | 46       | 26          | 46        | 60          |              |             | 22        | 30            | 1.93     | 0.1            | 25           | 15.5     | 2.8      | 74          | 22.8                  | 122 | 33          | -28 | -0.5       | 25.2      | -7.6        | 0.1       | 20.6      | 21     | 31     | 1.30    | -1.38 | -0.04    | 0.21    |
|                 |              |                      |                     |                  |               |            |          |             |           |             |              |             |           | 28            | 72       | 53             | 46           | 66       | 45       | 52          | 23                    | 15  | 5           | 28  | 27         | 34        | 18          | 45        | 26        | 24     | 21     | 23      | 21    | 23       | 22      |

# Breeding Values and Accuracies: Cows & Heifers

| Animal                |              |                         |                     | Selection Values |               |            |           |             |           |             |              |             |           | Birth         |              |                | Wean         |             |            |             | Growth & Adaptability |            |             |            |            | Fertility   |              |             |             | Frame     |           | Carcass     |              |             |             |  |
|-----------------------|--------------|-------------------------|---------------------|------------------|---------------|------------|-----------|-------------|-----------|-------------|--------------|-------------|-----------|---------------|--------------|----------------|--------------|-------------|------------|-------------|-----------------------|------------|-------------|------------|------------|-------------|--------------|-------------|-------------|-----------|-----------|-------------|--------------|-------------|-------------|--|
| ID                    | % Inbreeding | Genomic Parentage       | Index<br>EBV<br>Acc | Calv. Ease V     | Calf Growth V | Milk Value | Maint. V  | Fertility V | Cow Value | Wean Calf V | Growth Value | Prod. Value | Carcass V | Cow wt -birth | Birth wt     | Cow-Calf birth | Cow wt -wean | Wean dir    | Wean mat   | Cow-Calf wn | Post wn wt            | ADG        | Veld growth | FCR        | Skin Thckn | Scrotum     | Heifer Fert  | Cow Fert.   | Longevity   | Height    | Length    | EMA         | Fat          | Marbling    | Dress %     |  |
| Animal no             |              |                         | Sire ID<br>Dam ID   |                  |               |            |           |             |           |             |              |             |           |               |              |                |              |             |            |             |                       |            |             |            |            |             |              |             |             |           |           |             |              |             |             |  |
| ST 250033<br>99166928 | 6            | ST 200033<br>ST 220092  |                     | 92<br>66         | 111<br>67     | 88<br>45   | 107<br>46 | 85<br>26    | 92<br>47  | 106<br>60   |              |             | 95<br>26  | 94<br>14      | 88<br>1.94   | 98<br>0.0      | 92<br>7      | 111<br>11.2 | 88<br>-1.9 | 101<br>38   | 111<br>15.9           | 104<br>94  | 104<br>36   | 100<br>-17 | 92<br>-0.2 | 110<br>17.6 | 107<br>-9.6  | 78<br>1.2   | 104<br>20.8 | 97<br>12  | 95<br>20  | 101<br>0.34 | 99<br>-0.59  | 115<br>1.65 | 101<br>0.05 |  |
| ST 250039<br>99166985 | 5            | TTS 190014<br>ST 210120 |                     | 118<br>66        | 118<br>68     | 102<br>45  | 86<br>45  | 104<br>24   | 119<br>46 | 124<br>60   | 107<br>22    | 118<br>41   | 112<br>26 | 116<br>35     | 114<br>-0.19 | 122<br>-2.7    | 115<br>32    | 118<br>13.7 | 102<br>2.5 | 109<br>57   | 111<br>16.0           | 119<br>125 | 95<br>14    | 109<br>-25 | 89<br>-0.3 | 116<br>20.5 | 89<br>-0.4   | 108<br>-4.0 | 103<br>20.7 | 115<br>23 | 118<br>34 | 108<br>0.83 | 106<br>-0.11 | 102<br>0.17 | 108<br>0.15 |  |
| ST 250041<br>99639916 | 5            | ST 200033<br>ST 220043  |                     | 101<br>66        | 112<br>67     | 96<br>46   | 101<br>46 | 83<br>26    | 96<br>47  | 112<br>60   |              |             | 104<br>26 | 101<br>20     | 98<br>1.11   | 105<br>-0.7    | 97<br>13     | 112<br>11.2 | 96<br>0.6  | 107<br>52   | 110<br>15.6           | 112<br>112 | 91<br>5     | 102<br>-19 | 92<br>-0.2 | 118<br>21.2 | 100<br>-5.9  | 79<br>1.0   | 103<br>20.7 | 106<br>17 | 105<br>26 | 109<br>0.91 | 99<br>-0.63  | 109<br>1.01 | 109<br>0.16 |  |
| ST 250042<br>99639924 | 10           | ST 200033<br>ST 220073  |                     | 101<br>66        | 115<br>67     | 106<br>45  | 93<br>45  | 88<br>24    | 106<br>46 | 120<br>60   |              |             | 112<br>16 | 111<br>30     | 100<br>0.99  | 106<br>-0.8    | 105<br>22    | 115<br>12.8 | 106<br>3.7 | 115<br>72   | 118<br>19.6           | 116<br>119 | 98<br>22    | 106<br>-23 | 94<br>-0.1 | 120<br>22.3 | 97<br>-4.4   | 85<br>0.0   | 107<br>22.9 | 115<br>23 | 115<br>32 | 114<br>1.25 | 88<br>-1.36  | 106<br>0.58 | 112<br>0.21 |  |
| ST 250043<br>99639932 | 5            | ADM 210028<br>ST 210015 |                     | 86<br>66         | 116<br>67     | 82<br>47   | 97<br>45  | 109<br>24   | 107<br>46 | 102<br>60   | 127<br>22    | 110<br>41   | 120<br>35 | 105<br>24     | 87<br>2.05   | 91<br>0.8      | 104<br>20    | 116<br>13.3 | 82<br>-3.9 | 94<br>22    | 118<br>19.5           | 130<br>147 | 116<br>67   | 124<br>-38 | 58<br>-1.6 | 133<br>28.3 | 108<br>-9.9  | 108<br>-4.1 | 98<br>17.3  | 130<br>31 | 125<br>39 | 109<br>0.88 | 78<br>-2.13  | 108<br>0.85 | 107<br>0.13 |  |
| ST 250049<br>99639981 | 9            | ST 200033<br>ST 220058  |                     | 88<br>66         | 117<br>67     | 102<br>45  | 95<br>45  | 85<br>26    | 101<br>46 | 117<br>60   |              |             | 107<br>20 | 107<br>27     | 85<br>2.23   | 101<br>-0.3    | 104<br>20    | 117<br>13.6 | 102<br>2.6 | 114<br>69   | 116<br>18.4           | 115<br>118 | 95<br>13    | 107<br>-24 | 91<br>-0.3 | 116<br>20.1 | 94<br>-2.9   | 83<br>0.3   | 102<br>20.0 | 119<br>25 | 116<br>33 | 111<br>1.04 | 79<br>-2.06  | 107<br>0.69 | 109<br>0.15 |  |
| ST 250051<br>99639999 | 6            | ADM 210028<br>ST 190091 |                     | 96<br>67         | 113<br>68     | 76<br>49   | 93<br>47  | 110<br>27   | 103<br>48 | 95<br>62    | 123<br>22    | 106<br>43   | 114<br>34 | 108<br>28     | 99<br>1.04   | 96<br>0.3      | 108<br>25    | 113<br>11.7 | 76<br>-5.8 | 84<br>-3    | 117<br>19.3           | 126<br>139 | 114<br>60   | 116<br>-32 | 67<br>-1.2 | 125<br>24.4 | 108<br>-10.0 | 109<br>-4.2 | 104<br>20.9 | 122<br>26 | 116<br>33 | 113<br>1.23 | 81<br>-1.89  | 108<br>0.83 | 111<br>0.19 |  |
| ST 250052<br>99640005 | 5            | ADM 210028<br>ST 160017 |                     | 105<br>68        | 107<br>68     | 95<br>51   | 93<br>47  | 103<br>26   | 105<br>48 | 103<br>62   | 134<br>20    | 110<br>42   | 128<br>32 | 109<br>28     | 108<br>0.30  | 99<br>-0.1     | 107<br>24    | 107<br>9.3  | 95<br>0.4  | 98<br>31    | 113<br>16.8           | 143<br>172 | 106<br>41   | 128<br>-42 | 73<br>-1.0 | 131<br>27.2 | 100<br>-6.0  | 104<br>-3.3 | 101<br>19.0 | 144<br>39 | 134<br>44 | 115<br>1.38 | 75<br>-2.34  | 107<br>0.76 | 113<br>0.22 |  |
| ST 250055<br>99640021 | 6            | ADM 210028<br>ST 210058 |                     | 91<br>66         | 115<br>67     | 92<br>44   | 84<br>45  | 114<br>25   | 112<br>46 | 105<br>60   | 131<br>20    | 116<br>41   | 123<br>32 | 119<br>38     | 93<br>1.53   | 98<br>0.1      | 119<br>36    | 115<br>12.8 | 92<br>-0.7 | 97<br>28    | 124<br>22.5           | 139<br>164 | 118<br>70   | 125<br>-39 | 75<br>-0.9 | 131<br>27.1 | 104<br>-8.0  | 115<br>-5.2 | 107<br>23.1 | 136<br>35 | 129<br>41 | 119<br>1.65 | 76<br>-2.24  | 105<br>0.49 | 117<br>0.27 |  |
| ST 250057<br>99640047 | 5            | ST 200033<br>ST 220047  |                     | 108<br>66        | 114<br>67     | 92<br>45   | 99<br>46  | 81<br>26    | 96<br>47  | 115<br>60   |              |             | 103<br>25 | 102<br>22     | 103<br>0.75  | 116<br>-2.0    | 100<br>16    | 114<br>12.1 | 92<br>-0.5 | 103<br>44   | 110<br>15.2           | 109<br>105 | 95<br>13    | 100<br>-17 | 95<br>-0.1 | 113<br>18.7 | 94<br>-2.9   | 78<br>1.3   | 103<br>20.3 | 106<br>28 | 105<br>26 | 108<br>0.84 | 95<br>-0.89  | 112<br>1.35 | 107<br>0.14 |  |
| ST 250058<br>99640054 | 8            | ST 200033<br>ST 220094  |                     | 93<br>66         | 112<br>67     | 106<br>45  | 96<br>45  | 93<br>25    | 105<br>46 | 113<br>60   |              |             | 106<br>19 | 105<br>24     | 94<br>1.48   | 95<br>0.4      | 102<br>18    | 112<br>11.3 | 106<br>3.7 | 114<br>68   | 114<br>17.4           | 113<br>113 | 89<br>-1    | 105<br>-21 | 89<br>-0.3 | 113<br>18.9 | 95<br>-3.1   | 92<br>-1.2  | 107<br>23.2 | 117<br>24 | 113<br>31 | 116<br>1.44 | 80<br>-1.96  | 106<br>0.60 | 114<br>0.23 |  |
| ST 250060<br>99640070 | 7            | GH 210010<br>ST 160026  |                     | 97<br>68         | 104<br>69     | 101<br>51  | 91<br>47  | 129<br>26   | 121<br>48 | 101<br>63   |              |             | 104<br>20 | 106<br>25     | 96<br>1.29   | 102<br>-0.4    | 108<br>25    | 104<br>8.2  | 101<br>2.2 | 101<br>38   | 104<br>12.0           | 104<br>94  | 103<br>33   | 97<br>-14  | 101<br>0.1 | 102<br>14.0 | 121<br>-16.2 | 128<br>-7.4 | 116<br>28.5 | 100<br>14 | 104<br>25 | 104<br>0.53 | 100<br>-0.52 | 104<br>0.31 | 104<br>0.09 |  |

# Breeding Values and Accuracies: Cows & Heifers

| Animal     |            |            |            | Selection Values |               |            |          |             |           |             |              |             |           | Birth         |          |                | Wean         |          |          |             | Growth & Adaptability |     |             |      |             | Fertility |             |           |           | Frame  |        | Carcass |       |          |         |     |
|------------|------------|------------|------------|------------------|---------------|------------|----------|-------------|-----------|-------------|--------------|-------------|-----------|---------------|----------|----------------|--------------|----------|----------|-------------|-----------------------|-----|-------------|------|-------------|-----------|-------------|-----------|-----------|--------|--------|---------|-------|----------|---------|-----|
| ID         | Inbreeding | Genomic    | Index      | Calv. Ease V     | Calf Growth V | Milk Value | Maint. V | Fertility V | Cow Value | Wean Calf V | Growth Value | Prod. Value | Carcass V | Cow wt -birth | Birth wt | Cow-Calf birth | Cow wt -wean | Wean dir | Wean mat | Cow-Calf wn | Post wn wt            | ADG | Veld growth | FCR  | Skin Thickn | Scrotum   | Heifer Fert | Cow Fert. | Longevity | Height | Length | EMA     | Fat   | Marbling | Dress % |     |
| Animal no  | %          | Parentage  | EBV<br>Acc |                  |               |            |          |             |           |             |              |             |           |               |          |                |              |          |          |             |                       |     |             |      |             |           |             |           |           |        |        |         |       |          |         |     |
| ST 250061  | 6          | ST 180075  |            | 109              | 109           | 89         | 100      | 89          | 96        | 107         | 107          | 97          | 108       | 103           | 107      | 108            | 99           | 109      | 89       | 97          | 103                   | 110 | 99          | 100  | 95          | 100       | 86          | 90        | 97        | 121    | 113    | 117     | 91    | 104      | 116     |     |
| 99640112   |            | XY 100014  |            | 68               | 61            | 55         | 51       | 28          | 48        | 60          | 20           | 42          | 23        | 23            | 0.43     | -1.1           | 15           | 10.3     | -1.7     | 29          | 11.6                  | 108 | 24          | -18  | -0.1        | 12.8      | 1.0         | -1.0      | 16.6      | 26     | 31     | 1.52    | -1.18 | 0.39     | 0.26    |     |
|            |            |            |            |                  |               |            |          |             |           |             |              |             |           |               | 33       | 72             | 59           | 51       | 61       | 55          | 56                    | 58  | 27          | 15   | 9           | 35        | 33          | 35        | 22        | 51     | 32     | 28      | 21    | 25       | 21      | 23  |
| ST 250064  | 5          | ADM 210028 |            | 96               | 113           | 91         | 96       | 98          | 103       | 107         | 128          | 107         | 118       | 105           | 97       | 96             | 104          | 113      | 91       | 100         | 122                   | 136 | 102         | 123  | 68          | 136       | 95          | 99        | 105       | 135    | 126    | 115     | 71    | 107      | 112     |     |
| 99607459   |            | ST 170017  |            | 68               | 68            | 51         | 48       | 28          | 49        | 62          | 20           | 43          | 33        | 24            | 1.19     | 0.3            | 20           | 12.0     | -1.0     | 36          | 21.5                  | 158 | 31          | -38  | -1.2        | 29.8      | -3.3        | -2.4      | 21.5      | 34     | 39     | 1.35    | -2.64 | 0.73     | 0.20    |     |
|            |            |            |            |                  |               |            |          |             |           |             |              |             |           |               | 32       | 73             | 56           | 48       | 68       | 51          | 56                    | 52  | 33          | 23   | 5           | 41        | 39          | 35        | 21        | 47     | 37     | 33      | 31    | 35       | 31      | 33  |
| ST 250070  | 5          | ST 180075  |            | 81               | 112           | 99         | 99       | 99          | 103       | 106         |              |             | 105       | 102           | 83       | 84             | 99           | 112      | 99       | 109         | 109                   | 118 | 106         | 110  | 109         | 92        | 101         | 98        | 99        | 128    | 118    | 107     | 93    | 106      | 106     |     |
| 99640187   |            | FF 140034  |            | 69               | 70            | 52         | 49       | 28          | 50        | 64          |              |             | 26        | 21            | 2.41     | 1.6            | 15           | 11.3     | 1.7      | 57          | 15.0                  | 124 | 40          | -26  | 0.4         | 8.9       | -6.5        | -2.2      | 17.8      | 30     | 34     | 0.75    | -1.01 | 0.65     | 0.12    |     |
|            |            |            |            |                  |               |            |          |             |           |             |              |             |           |               | 25       | 74             | 58           | 49       | 70       | 52          | 57                    | 56  | 26          | 25   | 5           | 34        | 32          | 36        | 21        | 50     | 31     | 27      | 24    | 27       | 24      | 26  |
| ST 250072  | 9          | ST 200033  |            | 81               | 124           | 117        | 87       | 83          | 108       | 129         | 110          | 108         | 113       | 115           | 79       | 98             | 112          | 124      | 117      | 129         | 122                   | 124 | 88          | 110  | 102         | 126       | 93          | 81        | 100       | 119    | 119    | 115     | 91    | 106      | 114     |     |
| 99640203   |            | ST 210046  |            | 66               | 67            | 45         | 46       | 26          | 47        | 60          | 20           | 42          | 23        | 34            | 2.72     | 0.0            | 29           | 16.4     | 7.2      | 103         | 21.8                  | 135 | -4          | -26  | 0.2         | 24.9      | -2.2        | 0.7       | 18.7      | 25     | 35     | 1.39    | -1.17 | 0.64     | 0.24    |     |
|            |            |            |            |                  |               |            |          |             |           |             |              |             |           |               | 29       | 72             | 54           | 46       | 67       | 45          | 53                    | 52  | 24          | 17   | 15          | 29        | 28          | 33        | 18        | 46     | 27     | 24      | 22    | 24       | 22      | 23  |
| ST 250074  | 5          | ST 200008  |            | 83               | 113           | 102        | 94       | 106         | 110       | 109         |              |             | 111       | 107           | 85       | 91             | 105          | 113      | 102      | 110         | 113                   | 115 | 94          |      | 95          | 104       | 104         | 106       | 108       | 115    | 110    | 110     | 95    | 100      | 109     |     |
| 99640229   |            | ST 180019  |            | 68               | 68            | 49         | 48       | 26          | 48        | 62          |              |             | 10        | 26            | 2.27     | 0.8            | 22           | 11.8     | 2.5      | 59          | 16.8                  | 117 | 11          | -0.1 |             | 14.7      | -7.7        | -3.7      | 23.4      | 23     | 29     | 0.96    | -0.92 | -0.13    | 0.16    |     |
|            |            |            |            |                  |               |            |          |             |           |             |              |             |           |               | 22       | 73             | 56           | 48       | 68       | 49          | 55                    | 50  | 14          | 11   |             | 17        | 17          | 33        | 19        | 47     | 16     | 14      | 10    | 11       | 9       | 10  |
| ST 250076  | 18         | ST 200008  |            | 86               | 120           | 106        | 91       | 101         | 114       | 120         |              |             | 114       | 110           | 88       | 92             | 109          | 120      | 106      | 117         | 124                   | 120 | 112         | 107  | 96          | 107       | 89          | 103       | 109       | 124    | 119    | 114     | 93    | 98       | 114     |     |
| 6020427727 |            | ST 180071  |            | 68               | 69            | 51         | 48       | 28          | 49        | 63          |              |             | 14        | 29            | 1.97     | 0.7            | 25           | 14.7     | 3.7      | 76          | 22.6                  | 127 | 55          | -23  | -0.1        | 15.9      | -0.6        | -3.2      | 24.5      | 28     | 35     | 1.31    | -1.07 | -0.41    | 0.22    |     |
|            |            |            |            |                  |               |            |          |             |           |             |              |             |           |               | 26       | 73             | 56           | 48       | 69       | 51          | 56                    | 51  | 17          | 17   | 5           | 21        | 21          | 35        | 21        | 48     | 20     | 18      | 14    | 15       | 13      | 14  |
| ST 250077  | 6          | ST 200008  |            | 85               | 106           | 103        | 104      | 91          | 97        | 104         |              |             | 104       | 95            | 90       | 76             | 94           | 106      | 103      | 111         | 109                   | 114 | 103         | 106  | 85          | 110       | 99          | 90        | 113       | 110    | 106    | 108     | 95    | 94       | 107     |     |
| 99640245   |            | ST 190068  |            | 67               | 68            | 50         | 48       | 26          | 48        | 62          |              |             | 20        | 15            | 1.83     | 2.5            | 9            | 8.8      | 3.0      | 62          | 14.9                  | 114 | 33          | -22  | -0.5        | 17.3      | -5.2        | -0.8      | 26.8      | 20     | 27     | 0.84    | -0.92 | -0.81    | 0.14    |     |
|            |            |            |            |                  |               |            |          |             |           |             |              |             |           |               | 24       | 72             | 55           | 48       | 68       | 50          | 55                    | 50  | 21          | 18   | 5           | 26        | 25          | 34        | 18        | 46     | 24     | 21      | 18    | 21       | 18      | 20  |
| ST 250078  | 5          | HBH 210009 |            | 106              | 115           | 112        | 90       | 106         | 121       | 124         | 112          | 120         | 121       | 111           | 106      | 107            | 108          | 115      | 112      | 119         | 115                   | 117 | 103         | 102  | 86          | 106       | 105         | 105       | 110       | 118    | 122    | 116     | 112   | 108      | 118     |     |
| 99640252   |            | ST 170042  |            | 67               | 68            | 50         | 49       | 32          | 50        | 62          | 24           | 45          | 35        | 30            | 0.51     | -1.0           | 25           | 12.4     | 5.9      | 82          | 17.9                  | 122 | 34          | -19  | -0.4        | 15.4      | -8.2        | -3.5      | 24.5      | 24     | 36     | 1.45    | 0.33  | 0.85     | 0.28    |     |
|            |            |            |            |                  |               |            |          |             |           |             |              |             |           |               | 37       | 72             | 56           | 49       | 68       | 50          | 56                    | 52  | 35          | 29   | 9           | 43        | 41          | 39        | 26        | 48     | 40     | 36      | 33    | 37       | 34      | 35  |
| ST 250082  | 5          | GH 150004  |            | 116              | 95            | 73         | 136      | 91          | 89        | 93          | 105          | 89          | 100       | 75            | 113      | 99             | 72           | 95       | 73       | 79          | 87                    | 105 | 105         | 92   | 104         | 91        | 110         | 86        | 96        | 91     | 90     | 94      | 116   | 111      | 96      |     |
| 99643819   |            | ST 200086  |            | 69               | 68            | 55         | 57       | 32          | 52        | 64          | 24           | 46          | 40        | -4            | -0.14    | -0.1           | -15          | 4.2      | -6.7     | -13         | 3.3                   | 96  | 38          | -10  | 0.3         | 8.5       | -11.0       | -0.2      | 15.9      | 9      | 16     | -0.15   | 0.63  | 1.26     | -0.01   |     |
|            |            |            |            |                  |               |            |          |             |           |             |              |             |           |               | 34       | 73             | 61           | 56       | 68       | 55          | 60                    | 56  | 39          | 17   | 7           | 45        | 44          | 44        | 20        | 54     | 43     | 39      | 38    | 41       | 38      | 40  |
| ST 250085  | 9          | GH 210010  |            | 83               | 109           | 98         | 92       | 101         | 102       | 101         |              |             | 98        | 109           | 85       | 91             | 108          | 109      | 98       | 102         | 104                   | 96  | 85          |      | 96          | 96        | 91          | 104       | 112       | 97     | 96     | 103     | 105   | 97       | 103     |     |
| 99640310   |            | ST 150040  |            | 67               | 68            | 50         | 47       | 28          | 48        | 62          |              |             | 15        | 28            | 2.22     | 0.8            | 24           | 10.2     | 1.5      | 42          | 12.3                  | 79  | -11         | -0.1 |             | 11.2      | -1.3        | -3.4      | 25.9      | 12     | 20     | 0.45    | -0.14 | -0.50    | 0.08    |     |
|            |            |            |            |                  |               |            |          |             |           |             |              |             |           |               | 26       | 72             | 55           | 47       | 68       | 50          | 55                    | 52  | 19          | 15   |             | 22        | 22          | 35        | 20        | 47     | 21     | 19      | 14    | 16       | 14      | 15  |
| ST 250086  | 6          | ST 200008  |            | 102              | 103           | 101        | 103      | 104         | 107       | 105         |              |             | 104       | 96            | 103      | 97             | 96           | 103      | 101      | 106         | 103                   | 108 | 105         |      | 94          | 99        | 99          | 104       | 108       | 108    | 104    | 104     | 104   | 95       | 101     | 104 |
| 99640328   |            | ST 180041  |            | 68               | 68            | 51         | 48       | 27          | 48        | 62          |              |             | 10        | 16            | 0.74     | 0.2            | 11           | 7.8      | 2.2      | 49          | 11.9                  | 103 | 39          | -0.1 |             | 12.5      | -5.6        | -3.3      | 23.4      | 19     | 25     | 0.56    | -0.92 | -0.01    | 0.09    |     |
|            |            |            |            |                  |               |            |          |             |           |             |              |             |           |               | 23       | 73             | 56           | 48       | 68       | 51          | 56                    | 51  | 15          | 12   |             | 18        | 17          | 34        | 20        | 46     | 17     | 15      | 10    | 11       | 10      | 10  |
| ST 250087  | 6          | ST 200008  |            | 102              | 97            | 97         | 101      | 112         | 105       | 94          |              |             | 102       | 97            | 104      | 95             | 98           | 97       | 97       | 95          | 100                   | 106 | 101         | 99   | 91          | 97        | 104         | 113       | 114       | 104    | 100    | 104     | 95    | 105      | 104     |     |
| 99640336   |            | ST 170022  |            | 68               | 69            | 52         | 49       | 29          | 50        | 63          |              |             | 18        | 17            | 0.66     | 0.4            | 14           | 5.3      | 0.9      | 25          | 10.0                  | 99  | 28          | -17  | -0.3        | 11.5      | -8.0        | -4.8      | 27.6      | 16     | 22     | 0.56    | -0.87 | 0.44     | 0.09    |     |
|            |            |            |            |                  |               |            |          |             |           |             |              |             |           |               | 26       | 73             | 57           | 49       | 69       | 52          | 57                    | 51  | 21          | 25   | 6           | 26        | 25          | 36        | 22        | 48     | 24     | 22      | 17    | 18       | 17      | 18  |

# Breeding Values and Accuracies: Cows & Heifers

| Animal     |            |           |            | Selection Values |               |            |          |             |           |             |              |             |           | Birth         |          |                | Wean         |          |          |             | Growth & Adaptability |     |             |      |            | Fertility |             |           |           | Frame  |        | Carcass |       |          |         |
|------------|------------|-----------|------------|------------------|---------------|------------|----------|-------------|-----------|-------------|--------------|-------------|-----------|---------------|----------|----------------|--------------|----------|----------|-------------|-----------------------|-----|-------------|------|------------|-----------|-------------|-----------|-----------|--------|--------|---------|-------|----------|---------|
| ID         | Inbreeding | Genomic   | Index      | Calv. Ease V     | Calf Growth V | Milk Value | Maint. V | Fertility V | Cow Value | Wean Calf V | Growth Value | Prod. Value | Carcass V | Cow wt -birth | Birth wt | Cow-Calf birth | Cow wt -wean | Wean dir | Wean mat | Cow-Calf wn | Post wn wt            | ADG | Veld growth | FCR  | Skin Thckn | Scrotum   | Heifer Fert | Cow Fert. | Longevity | Height | Length | EMA     | Fat   | Marbling | Dress % |
| Animal no  | %          | Parentage | EBV<br>Acc |                  |               |            |          |             |           |             |              |             |           |               |          |                |              |          |          |             |                       |     |             |      |            |           |             |           |           |        |        |         |       |          |         |
| ST 250090  |            | GH        | 150004     | 120              | 98            | 71         | 133      | 75          | 80        | 97          | 100          | 80          | 99        | 78            | 117      | 105            | 75           | 98       | 71       | 79          | 87                    | 100 | 91          | 85   | 103        | 91        | 93          | 72        | 93        | 89     | 88     | 94      | 116   | 111      | 96      |
| 99640369   | 6          | ST        | 200097     | 69               | 61            | 54         | 57       | 33          | 50        | 60          | 24           | 45          | 40        | -2            | -0.44    | -0.8           | -11          | 5.7      | -7.2     | -13         | 3.2                   | 88  | 5           | -4   | 0.2        | 8.5       | -2.4        | 2.2       | 14.5      | 8      | 15     | -0.15   | 0.61  | 1.23     | -0.02   |
|            |            |           |            |                  |               |            |          |             |           |             |              |             |           | 34            | 73       | 61             | 57           | 61       | 54       | 57          | 58                    | 39  | 17          | 7    | 45         | 44        | 46          | 20        | 52        | 43     | 39     | 38      | 41    | 38       | 40      |
| ST 250094  |            | ST        | 180075     | 103              | 113           | 104        | 96       | 82          | 100       | 118         |              |             | 121       | 105           | 101      | 105            | 102          | 113      | 104      | 114         | 111                   | 121 | 92          |      | 94         | 103       | 84          | 82        | 103       | 126    | 125    | 132     | 90    | 101      | 131     |
| 99640476   | 4          | T         | 100025     | 70               | 71            | 55         | 50       | 28          | 51        | 65          |              |             | 20        | 25            | 0.86     | -0.8           | 18           | 12.0     | 3.2      | 69          | 16.0                  | 130 | 5           | -0.1 | 94         | 14.3      | 2.1         | 0.4       | 20.1      | 29     | 39     | 2.64    | -1.28 | 0.06     | 0.46    |
|            |            |           |            |                  |               |            |          |             |           |             |              |             |           | 40            | 75       | 59             | 50           | 71       | 55       | 59          | 58                    | 22  | 12          |      | 29         | 27        | 37          | 20        | 51        | 26     | 23     | 19      | 22    | 19       | 20      |
| ST 250095  |            | TTS       | 190014     | 119              | 112           | 83         | 92       | 111         | 112       | 107         |              |             | 111       | 110           | 117      | 116            | 109          | 112      | 83       | 90          | 108                   | 115 | 109         |      | 77         | 120       | 100         | 113       | 106       | 112    | 113    | 106     | 109   | 92       | 107     |
| 99640484   | 6          | ST        | 210049     | 66               | 68            | 46         | 45       | 24          | 46        | 61          |              |             | 26        | 30            | -0.49    | -2.0           | 25           | 11.5     | -3.4     | 12          | 14.6                  | 118 | 49          |      | -0.8       | 22.2      | -5.9        | -4.9      | 22.1      | 21     | 31     | 0.71    | 0.13  | -1.07    | 0.14    |
|            |            |           |            |                  |               |            |          |             |           |             |              |             |           | 26            | 72       | 53             | 45           | 68       | 46       | 53          | 56                    | 26  | 18          |      | 33         | 32        | 31          | 16        | 46        | 30     | 27     | 24      | 27    | 24       | 26      |
| ST 250096  |            | ST        | 200008     | 109              | 102           | 98         | 103      | 115         | 113       | 104         |              |             | 106       | 96            | 110      | 99             | 96           | 102      | 98       | 102         | 103                   | 105 | 106         | 95   | 87         | 96        | 108         | 114       | 110       | 103    | 102    | 103     | 89    | 99       | 102     |
| 99640492   | 5          | ST        | 190059     | 68               | 68            | 51         | 48       | 27          | 48        | 62          |              |             | 18        | 16            | 0.15     | -0.1           | 11           | 7.4      | 1.2      | 40          | 11.9                  | 96  | 41          | -13  | -0.4       | 11.0      | -10.0       | -5.1      | 25.1      | 16     | 24     | 0.46    | -1.34 | -0.26    | 0.06    |
|            |            |           |            |                  |               |            |          |             |           |             |              |             |           | 26            | 73       | 56             | 48           | 68       | 51       | 56          | 50                    | 22  | 25          | 6    | 27         | 26        | 33          | 21        | 47        | 25     | 23     | 17      | 19    | 17       | 18      |
| ST 250098  |            | HBH       | 210009     | 95               | 114           | 96         | 90       | 116         | 117       | 109         | 103          | 115         | 112       | 109           | 96       | 101            | 111          | 114      | 96       | 103         | 114                   | 104 | 106         | 95   | 75         | 93        | 108         | 116       | 114       | 102    | 108    | 115     | 111   | 111      | 116     |
| 99640518   | 11         | ST        | 180005     | 67               | 68            | 50         | 48       | 30          | 49        | 62          | 24           | 44          | 36        | 29            | 1.35     | -0.3           | 27           | 12.2     | 0.8      | 43          | 17.3                  | 96  | 40          | -13  | -0.9       | 9.6       | -9.7        | -5.4      | 27.4      | 15     | 28     | 1.34    | 0.24  | 1.23     | 0.25    |
|            |            |           |            |                  |               |            |          |             |           |             |              |             |           | 34            | 72       | 56             | 48           | 68       | 50       | 55          | 48                    | 36  | 33          | 9    | 44         | 42        | 35          | 25        | 47        | 40     | 36     | 34      | 37    | 34       | 36      |
| ST 250099  |            | ST        | 180075     | 90               | 117           | 89         | 97       | 97          | 103       | 109         |              |             | 107       | 104           | 90       | 96             | 102          | 117      | 89       | 102         | 121                   | 114 | 116         | 102  | 93         | 91        | 89          | 99        | 97        | 120    | 111    | 119     | 98    | 102      | 118     |
| 99640526   | 7          | CR        | 100093     | 71               | 61            | 54         | 49       | 30          | 48        | 60          |              |             | 26        | 24            | 1.82     | 0.3            | 18           | 13.4     | -1.6     | 40          | 21.3                  | 114 | 65          | -19  | -0.2       | 8.8       | -0.2        | -2.5      | 16.5      | 26     | 30     | 1.63    | -0.70 | 0.17     | 0.29    |
|            |            |           |            |                  |               |            |          |             |           |             |              |             |           | 28            | 75       | 59             | 49           | 61       | 54       | 55          | 56                    | 27  | 27          | 7    | 34         | 34        | 38          | 22        | 51        | 31     | 28     | 24      | 27    | 24       | 26      |
| ST 250101  |            |           | ST         | 109              | 87            | 100        | 115      | 88          | 86        | 90          |              |             | 93        | 86            | 113      | 88             | 85           | 87       | 100      | 97          | 99                    | 94  | 107         | 99   | 104        | 90        | 97          | 86        | 86        | 101    | 92     | 108     | 87    | 67       | 106     |
| 6020014509 |            | ST        | 170031     | 60               | 60            | 41         | 39       | 22          | 41        | 54          |              |             | 9         | 6             | -0.09    | 1.2            | -1           | 1.2      | 1.9      | 28          | 9.8                   | 76  | 44          | -17  | 0.3        | 8.2       | -4.1        | -0.1      | 9.6       | 15     | 18     | 0.83    | -1.45 | -4.15    | 0.12    |
|            |            |           |            |                  |               |            |          |             |           |             |              |             |           | 24            | 65       | 47             | 39           | 60       | 41       | 47          | 37                    | 13  | 11          | 6    | 16         | 15        | 28          | 17        | 36        | 15     | 13     | 9       | 9     | 8        | 9       |
| ST 250102  |            | HBH       | 210009     | 89               | 123           | 105        | 85       | 107         | 120       | 123         | 111          | 120         | 124       | 117           | 91       | 98             | 115          | 123      | 105      | 116         | 122                   | 116 | 101         | 99   | 85         | 100       | 97          | 108       | 112       | 118    | 122    | 124     | 105   | 108      | 124     |
| 99640534   | 5          | ST        | 190013     | 67               | 66            | 49         | 48       | 29          | 48        | 61          | 22           | 43          | 34        | 36            | 1.74     | 0.1            | 33           | 16.1     | 3.6      | 74          | 22.0                  | 119 | 27          | -17  | -0.5       | 13.0      | -4.5        | -4.1      | 26.0      | 25     | 36     | 1.98    | -0.14 | 0.79     | 0.37    |
|            |            |           |            |                  |               |            |          |             |           |             |              |             |           | 34            | 72       | 55             | 48           | 66       | 49       | 54          | 46                    | 33  | 25          | 9    | 40         | 39        | 35          | 23        | 47        | 37     | 34     | 32      | 35    | 32       | 34      |
| ST 250107  |            | GH        | 210010     | 106              | 103           | 90         | 97       | 112         | 106       | 97          |              |             | 94        | 101           | 105      | 106            | 103          | 103      | 90       | 91          | 99                    | 99  | 95          | 101  | 88         | 106       | 109         | 112       | 110       | 96     | 97     | 95      | 98    | 99       | 95      |
| 99643835   | 7          | PC        | 160032     | 68               | 70            | 51         | 47       | 26          | 49        | 63          |              |             | 20        | 20            | 0.53     | -0.8           | 19           | 7.5      | -1.2     | 15          | 9.5                   | 84  | 15          | -18  | -0.4       | 15.4      | -10.5       | -4.6      | 24.7      | 12     | 20     | -0.08   | -0.67 | -0.27    | -0.03   |
|            |            |           |            |                  |               |            |          |             |           |             |              |             |           | 31            | 73       | 55             | 47           | 70       | 51       | 56          | 52                    | 26  | 25          | 5    | 31         | 30        | 31          | 21        | 47        | 29     | 26     | 19      | 20    | 19       | 20      |
| ST 250111  |            | GH        | 210010     | 93               | 104           | 104        | 99       | 120         | 117       | 104         |              |             | 104       | 102           | 93       | 97             | 99           | 104      | 104      | 107         | 101                   | 104 | 83          |      | 96         | 100       | 111         | 120       | 114       | 100    | 101    | 103     | 106   | 99       | 104     |
| 99643843   | 7          | ST        | 160051     | 67               | 69            | 51         | 48       | 28          | 49        | 63          |              |             | 15        | 21            | 1.56     | 0.2            | 15           | 8.1      | 3.2      | 54          | 10.7                  | 95  | -14         | -0.1 | 12.9       | -11.6     | -6.1        | 27.5      | 14        | 23     | 0.47   | -0.12   | -0.24 | 0.09     |         |
|            |            |           |            |                  |               |            |          |             |           |             |              |             |           | 27            | 72       | 56             | 48           | 69       | 51       | 56          | 52                    | 19  | 13          |      | 22         | 21        | 35          | 20        | 47        | 21     | 19     | 14      | 16    | 14       | 15      |
| ST 250112  |            | ST        | 180075     | 94               | 118           | 99         | 101      | 97          | 111       | 119         |              |             | 114       | 99            | 95       | 95             | 98           | 118      | 99       | 114         | 114                   | 118 | 102         | 106  | 96         | 108       | 93          | 98        | 110       | 123    | 118    | 122     | 92    | 104      | 121     |
| 99643850   | 7          | T         | 110118     | 70               | 71            | 55         | 50       | 29          | 51        | 65          |              |             | 22        | 19            | 1.40     | 0.4            | 14           | 13.8     | 1.5      | 69          | 17.7                  | 122 | 32          | -23  | -0.1       | 16.5      | -2.2        | -2.3      | 24.8      | 27     | 34     | 1.90    | -1.12 | 0.38     | 0.33    |
|            |            |           |            |                  |               |            |          |             |           |             |              |             |           | 38            | 75       | 59             | 50           | 71       | 55       | 59          | 58                    | 26  | 25          | 6    | 31         | 32        | 36          | 22        | 51        | 31     | 26     | 20      | 23    | 20       | 22      |
| ST 250113  |            | ST        | 200008     | 98               | 109           | 110        | 95       | 92          | 105       | 115         |              |             | 107       | 103           | 98       | 101            | 103          | 109      | 110      | 116         | 109                   | 111 | 99          |      | 91         | 110       | 89          | 93        | 101       | 115    | 113    | 110     | 84    | 103      | 108     |
| 6020014780 | 5          | ST        | 180088     | 67               | 66            | 49         | 47       | 24          | 46        | 61          |              |             | 13        | 22            | 1.18     | -0.3           | 19           | 10.2     | 5.1      | 73          | 14.8                  | 109 | 23          | -0.2 | 19         | 17.4      | -0.1        | -1.4      | 19.1      | 23     | 31     | 0.98    | -1.68 | 0.23     | 0.15    |
|            |            |           |            |                  |               |            |          |             |           |             |              |             |           | 23            | 72       | 55             | 47           | 66       | 49       | 54          | 44                    | 16  | 12          |      | 19         | 19        | 31          | 18        | 47        | 18     | 16     | 12      | 14    | 12       | 13      |

# Breeding Values and Accuracies: Cows & Heifers

| Animal                  |              |                          |                     | Selection Values  |              |               |            |           |             |           |             |              |             | Birth     |               |             | Wean           |              |             |            | Growth & Adaptability |             |            |             |            | Fertility  |             |              |             | Frame       |           | Carcass   |             |              |              |             |
|-------------------------|--------------|--------------------------|---------------------|-------------------|--------------|---------------|------------|-----------|-------------|-----------|-------------|--------------|-------------|-----------|---------------|-------------|----------------|--------------|-------------|------------|-----------------------|-------------|------------|-------------|------------|------------|-------------|--------------|-------------|-------------|-----------|-----------|-------------|--------------|--------------|-------------|
| ID<br>Animal no         | % Inbreeding | Genomic<br>Parentage     | Index<br>EBV<br>Acc | Sire ID<br>Dam ID | Calv. Ease V | Calf Growth V | Milk Value | Maint. V  | Fertility V | Cow Value | Wean Calf V | Growth Value | Prod. Value | Carcass V | Cow wt -birth | Birth wt    | Cow-Calf birth | Cow wt -wean | Wean dir    | Wean mat   | Cow-Calf wn           | Post wn wt  | ADG        | Veld growth | FCR        | Skin Thckn | Scrotum     | Heifer Fert  | Cow Fert.   | Longevity   | Height    | Length    | EMA         | Fat          | Marbling     | Dress %     |
|                         |              |                          |                     |                   |              |               |            |           |             |           |             |              |             |           |               |             |                |              |             |            |                       |             |            |             |            |            |             |              |             |             |           |           |             |              |              |             |
| ST 250114<br>6020014475 | 4            | HBH 210009<br>ST 170023  |                     |                   | 95<br>67     | 116<br>68     | 113<br>50  | 98<br>48  | 100<br>31   | 117<br>49 | 125<br>62   | 114<br>24    | 117<br>44   | 121<br>34 | 104<br>24     | 94<br>1.49  | 99<br>0.0      | 100<br>16    | 116<br>13.2 | 113<br>5.9 | 126<br>97             | 118<br>19.5 | 120<br>128 | 102<br>30   | 102<br>-19 | 84<br>-0.5 | 100<br>12.8 | 99<br>-5.3   | 99<br>-2.5  | 112<br>26.3 | 120<br>25 | 122<br>37 | 119<br>1.67 | 106<br>-0.08 | 106<br>0.65  | 120<br>0.31 |
| ST 250123<br>99742652   | 5            | TTS 190014<br>ST 210029  |                     |                   | 108<br>66    | 110<br>58     | 82<br>43   | 99<br>41  | 113<br>24   | 110<br>42 | 102<br>54   |              |             | 102<br>28 | 101<br>21     | 106<br>0.44 | 108<br>-1.1    | 101<br>17    | 110<br>10.4 | 82<br>-3.8 | 90<br>12              | 111<br>15.7 | 108<br>104 | 123<br>82   |            | 85<br>-0.5 | 103<br>14.3 | 107<br>-9.3  | 113<br>-4.9 | 109<br>23.9 | 105<br>17 | 104<br>25 | 98<br>0.09  | 117<br>0.69  | 106<br>0.63  | 100<br>0.03 |
| ST 250124<br>6020014624 | 5            | ADM 210028<br>ST 200017  |                     |                   | 94<br>67     | 116<br>57     | 93<br>48   | 86<br>47  | 112<br>26   | 113<br>44 | 107<br>56   | 130<br>20    | 117<br>39   | 125<br>32 | 119<br>38     | 98<br>1.10  | 95<br>0.4      | 116<br>33    | 116<br>13.0 | 93<br>-0.3 | 99<br>34              | 130<br>26.0 | 138<br>163 | 111<br>54   | 125<br>-39 | 75<br>-0.9 | 129<br>26.4 | 105<br>-8.3  | 113<br>-4.9 | 104<br>21.1 | 140<br>37 | 130<br>42 | 118<br>1.58 | 76<br>-2.24  | 106<br>0.57  | 116<br>0.26 |
| ST 250127<br>6020014657 | 5            | ADM 210028<br>ST 200092  |                     |                   | 93<br>67     | 117<br>57     | 95<br>47   | 90<br>47  | 116<br>27   | 119<br>44 | 112<br>55   | 138<br>22    | 124<br>40   | 129<br>32 | 111<br>30     | 95<br>1.40  | 98<br>0.1      | 110<br>27    | 117<br>13.6 | 95<br>0.4  | 104<br>46             | 126<br>23.7 | 146<br>179 | 112<br>56   | 131<br>-44 | 74<br>-0.9 | 135<br>29.2 | 108<br>-9.6  | 118<br>-5.7 | 108<br>23.5 | 145<br>40 | 135<br>45 | 117<br>1.49 | 76<br>-2.29  | 108<br>0.83  | 115<br>0.24 |
| ST 250128<br>6020014665 | 5            | TTS 190014<br>ST 210026  |                     |                   | 115<br>66    | 111<br>58     | 77<br>43   | 104<br>41 | 114<br>24   | 112<br>42 | 106<br>54   |              |             | 108<br>28 | 98<br>17      | 110<br>0.17 | 116<br>-2.0    | 96<br>11     | 111<br>11.0 | 77<br>-5.2 | 89<br>9               | 105<br>12.8 | 110<br>106 | 96<br>17    |            | 85<br>-0.5 | 103<br>14.3 | 114<br>-13.0 | 111<br>-4.5 | 105<br>21.4 | 105<br>17 | 104<br>25 | 100<br>0.28 | 119<br>0.88  | 107<br>0.74  | 102<br>0.07 |
| ST 250131<br>6020014699 | 6            | ADM 210028<br>ST 200070  |                     |                   | 87<br>65     | 109<br>56     | 84<br>44   | 94<br>46  | 102<br>26   | 96<br>43  | 93<br>54    | 127<br>22    | 101<br>39   | 115<br>35 | 108<br>27     | 92<br>1.66  | 86<br>1.4      | 106<br>23    | 109<br>10.0 | 84<br>-3.0 | 89<br>10              | 113<br>17.2 | 134<br>154 | 112<br>55   | 125<br>-39 | 67<br>-1.2 | 137<br>30.1 | 99<br>-5.5   | 103<br>-3.2 | 102<br>19.9 | 127<br>30 | 118<br>34 | 114<br>1.27 | 81<br>-1.92  | 97<br>-0.52  | 112<br>0.20 |
| TTS 250001<br>98741051  | 20           | TTS 190014<br>TTS 190026 |                     |                   | 115<br>66    | 130<br>69     | 83<br>49   | 85<br>46  | 127<br>24   | 135<br>47 | 126<br>62   |              |             | 121<br>26 | 121<br>40     | 109<br>0.19 | 124<br>-2.9    | 118<br>35    | 130<br>18.7 | 83<br>-3.4 | 100<br>35             | 123<br>22.4 | 118<br>122 | 102<br>30   |            | 75<br>-0.9 | 118<br>21.4 | 103<br>-7.1  | 130<br>-7.9 | 109<br>24.4 | 119<br>25 | 124<br>38 | 109<br>0.90 | 111<br>0.27  | 100<br>-0.10 | 110<br>0.18 |
| TTS 250004<br>98741077  | 7            | GH 150004<br>TTS 160039  |                     |                   | 103<br>70    | 97<br>71      | 80<br>59   | 127<br>59 | 92<br>36    | 89<br>55  | 95<br>67    | 102<br>26    | 89<br>49    | 96<br>42  | 81<br>2       | 97<br>1.21  | 107<br>-1.0    | 79<br>-6     | 97<br>5.4   | 80<br>-4.3 | 87<br>5               | 97<br>8.3   | 102<br>92  | 106<br>41   | 90<br>-9   | 97<br>0.0  | 88<br>7.4   | 114<br>-13.0 | 85<br>-0.1  | 105<br>21.5 | 89<br>8   | 89<br>15  | 91<br>-0.37 | 123<br>1.15  | 122<br>2.57  | 94<br>-0.05 |
| TTS 250005<br>98741085  | 17           | ST 180075<br>TTS 200005  |                     |                   | 94<br>67     | 124<br>69     | 96<br>51   | 90<br>50  | 95<br>29    | 110<br>49 | 120<br>63   |              |             | 123<br>22 | 116<br>35     | 94<br>1.46  | 100<br>-0.2    | 111<br>27    | 124<br>16.2 | 96<br>0.6  | 110<br>59             | 123<br>22.4 | 127<br>141 | 104<br>35   | 112<br>-28 | 93<br>-0.1 | 100<br>12.9 | 93<br>-2.6   | 96<br>-1.9  | 102<br>20.0 | 139<br>36 | 129<br>41 | 130<br>2.45 | 89<br>-1.34  | 107<br>0.70  | 129<br>0.43 |
| TTS 250008<br>98820806  | 8            | ST 200008<br>TTS 150029  |                     |                   | 92<br>67     | 102<br>70     | 92<br>53   | 113<br>48 | 114<br>28   | 108<br>50 | 98<br>64    |              |             | 103<br>16 | 88<br>8       | 93<br>1.56  | 85<br>1.6      | 87<br>2      | 102<br>7.4  | 92<br>-0.7 | 100<br>36             | 104<br>12.4 | 107<br>102 | 96<br>17    | 87<br>-14  | 87<br>-0.4 | 95<br>10.5  | 113<br>-12.2 | 112<br>-4.7 | 110<br>24.5 | 102<br>15 | 99<br>22  | 103<br>0.48 | 99<br>-0.59  | 104<br>0.33  | 103<br>0.08 |
| TTS 250012<br>99167108  | 7            | ST 200033<br>TTS 220025  |                     |                   | 100<br>66    | 106<br>66     | 110<br>45  | 106<br>45 | 90<br>25    | 104<br>46 | 115<br>59   | 106<br>21    | 103<br>41   | 99<br>22  | 94<br>14      | 99<br>1.04  | 98<br>0.0      | 92<br>7      | 106<br>8.8  | 110<br>5.2 | 119<br>82             | 106<br>13.5 | 116<br>119 | 97<br>18    | 110<br>-26 | 99<br>0.1  | 118<br>21.3 | 90<br>-1.0   | 89<br>-0.8  | 100<br>18.6 | 110<br>20 | 105<br>26 | 109<br>0.90 | 95<br>-0.89  | 105<br>0.48  | 108<br>0.15 |
| TTS 250019<br>99642274  | 7            | ADM 210028<br>TTS 210021 |                     |                   | 88<br>65     | 117<br>65     | 94<br>45   | 82<br>45  | 97<br>22    | 102<br>45 | 107<br>59   | 128<br>22    | 106<br>40   | 123<br>33 | 122<br>41     | 93<br>1.56  | 95<br>0.4      | 121<br>39    | 117<br>13.6 | 94<br>0.2  | 99<br>34              | 121<br>21.2 | 138<br>163 | 107<br>42   | 124<br>-38 | 74<br>-0.9 | 136<br>29.6 | 100<br>-6.1  | 96<br>-1.9  | 98<br>17.6  | 136<br>35 | 132<br>43 | 118<br>1.55 | 75<br>-2.30  | 103<br>0.20  | 115<br>0.25 |

# Breeding Values and Accuracies: Cows & Heifers

| Animal                 |              |                         |                     | Selection Values  |              |               |            |           |             |           |             |              |             | Birth     |               |              | Wean           |              |             |            | Growth & Adaptability |             |            |             |            | Fertility  |             |              |             | Frame       |           | Carcass   |             |              |             |             |             |
|------------------------|--------------|-------------------------|---------------------|-------------------|--------------|---------------|------------|-----------|-------------|-----------|-------------|--------------|-------------|-----------|---------------|--------------|----------------|--------------|-------------|------------|-----------------------|-------------|------------|-------------|------------|------------|-------------|--------------|-------------|-------------|-----------|-----------|-------------|--------------|-------------|-------------|-------------|
| ID<br>Animal no        | % Inbreeding | Genomic<br>Parentage    | Index<br>EBV<br>Acc | Sire ID<br>Dam ID | Calv. Ease V | Calf Growth V | Milk Value | Maint. V  | Fertility V | Cow Value | Wean Calf V | Growth Value | Prod. Value | Carcass V | Cow wt -birth | Birth wt     | Cow-Calf birth | Cow wt -wean | Wean dir    | Wean mat   | Cow-Calf wn           | Post wn wt  | ADG        | Veld growth | FCR        | Skin Thckn | Scrotum     | Heifer Fert  | Cow Fert.   | Longevity   | Height    | Length    | EMA         | Fat          | Marbling    | Dress %     |             |
|                        |              |                         |                     |                   |              |               |            |           |             |           |             |              |             |           |               |              |                |              |             |            |                       |             |            |             |            |            |             |              |             |             |           |           |             |              |             |             |             |
| TTS 250022<br>99644189 | 5            | ST 200033<br>TTS 220008 |                     |                   | 96<br>64     | 100<br>56     | 110<br>42  | 108<br>40 | 79<br>23    | 91<br>41  | 107<br>53   | 100<br>20    | 90<br>37    | 96<br>23  | 93<br>12      | 95<br>1.37   | 94<br>0.6      | 90<br>5      | 100<br>6.4  | 110<br>5.1 | 115<br>72             | 98<br>9.2   | 109<br>106 | 94<br>11    | 112<br>-27 | 99<br>0.1  | 116<br>20.1 | 87<br>0.6    | 79<br>1.1   | 100<br>18.3 | 105<br>17 | 101<br>23 | 101<br>27   | 101<br>22    | 90<br>-1.25 | 107<br>0.76 | 100<br>0.04 |
| TTS 250023<br>99642290 | 5            | ST 200033<br>TTS 220030 |                     |                   | 85<br>65     | 116<br>66     | 115<br>45  | 93<br>45  | 85<br>26    | 105<br>46 | 122<br>59   | 107<br>20    | 104<br>41   | 109<br>23 | 108<br>27     | 83<br>2.36   | 98<br>0.1      | 105<br>22    | 116<br>13.2 | 115<br>6.5 | 124<br>94             | 117<br>19.1 | 119<br>125 | 93<br>9     | 109<br>-25 | 97<br>0.0  | 120<br>22.1 | 91<br>-1.5   | 84<br>0.2   | 100<br>18.7 | 112<br>21 | 113<br>31 | 112<br>1.12 | 91<br>-1.20  | 110<br>1.14 | 111<br>0.19 |             |
| TTS 250024<br>99642308 | 6            | ST 200008<br>TTS 180008 |                     |                   | 96<br>67     | 98<br>68      | 99<br>51   | 116<br>49 | 102<br>29   | 102<br>49 | 100<br>62   |              |             | 101<br>18 | 86<br>6       | 98<br>1.15   | 85<br>1.5      | 84<br>-1     | 98<br>5.5   | 99<br>1.7  | 105<br>48             | 98<br>9.1   | 105<br>96  | 106<br>40   | 100<br>-17 | 87<br>-0.4 | 95<br>10.6  | 105<br>-8.4  | 101<br>-2.8 | 111<br>25.4 | 103<br>16 | 99<br>22  | 98<br>0.09  | 97<br>-0.74  | 107<br>0.69 | 98<br>0.00  |             |
| TTS 250025<br>99642316 | 5            | ST 200033<br>TTS 210013 |                     |                   | 103<br>65    | 101<br>66     | 89<br>45   | 113<br>46 | 88<br>26    | 91<br>46  | 99<br>59    |              |             | 94<br>26  | 88<br>8       | 101<br>0.86  | 99<br>-0.1     | 87<br>2      | 101<br>6.8  | 89<br>-1.5 | 96<br>26              | 101<br>10.6 | 98<br>84   | 91<br>5     | 93<br>-11  | 90<br>-0.3 | 105<br>15.0 | 109<br>-10.5 | 81<br>0.6   | 100<br>18.3 | 92<br>9   | 91<br>17  | 101<br>0.30 | 98<br>-0.65  | 115<br>1.74 | 100<br>0.04 |             |
| TTS 250026<br>99642324 | 6            | GH 150004<br>TTS 200013 |                     |                   | 113<br>69    | 107<br>69     | 70<br>56   | 115<br>58 | 85<br>33    | 87<br>53  | 99<br>65    | 111<br>25    | 89<br>47    | 110<br>42 | 90<br>10      | 107<br>0.36  | 112<br>-1.5    | 87<br>1      | 107<br>9.2  | 70<br>-7.5 | 81<br>-9              | 101<br>10.6 | 115<br>118 | 100<br>26   | 97<br>-15  | 95<br>-0.1 | 103<br>14.3 | 111<br>-11.5 | 78<br>1.1   | 101<br>19.1 | 98<br>13  | 98<br>21  | 108<br>0.86 | 123<br>1.13  | 111<br>1.24 | 111<br>0.18 |             |
| TTS 250027<br>99642332 | 6            | ST 200008<br>TTS 180019 |                     |                   | 94<br>67     | 103<br>67     | 107<br>50  | 97<br>48  | 110<br>28   | 110<br>48 | 103<br>61   |              |             | 105<br>16 | 102<br>21     | 97<br>1.19   | 89<br>1.1      | 101<br>17    | 103<br>7.5  | 107<br>4.0 | 108<br>55             | 108<br>14.5 | 109<br>106 | 103<br>34   | 100<br>-17 | 88<br>-0.4 | 100<br>12.8 | 106<br>-8.8  | 109<br>-4.3 | 108<br>23.8 | 104<br>17 | 104<br>25 | 106<br>0.67 | 95<br>-0.89  | 103<br>0.21 | 105<br>0.11 |             |
| TTS 250030<br>99642357 | 7            | GH 150004<br>TTS 160031 |                     |                   | 111<br>69    | 89<br>59      | 70<br>57   | 129<br>59 | 87<br>34    | 77<br>50  | 81<br>60    | 95<br>26     | 77<br>45    | 93<br>41  | 79<br>0       | 108<br>0.28  | 100<br>-0.2    | 78<br>-8     | 89<br>1.9   | 70<br>-7.5 | 69<br>-38             | 86<br>2.8   | 95<br>77   | 101<br>29   | 84<br>-3   | 97<br>0.0  | 87<br>6.6   | 106<br>-8.7  | 82<br>0.4   | 100<br>18.4 | 84<br>5   | 81<br>11  | 94<br>-0.20 | 124<br>1.19  | 118<br>2.05 | 96<br>-0.02 |             |
| TTS 250031<br>99644007 | 6            | GH 150004<br>TTS 200038 |                     |                   | 105<br>69    | 94<br>69      | 78<br>55   | 136<br>58 | 82<br>33    | 82<br>52  | 92<br>65    | 104<br>25    | 83<br>47    | 95<br>42  | 74<br>-6      | 104<br>0.63  | 89<br>1.1      | 71<br>-16    | 94<br>4.0   | 78<br>-4.9 | 85<br>1               | 91<br>5.2   | 104<br>95  | 103<br>33   | 93<br>-12  | 92<br>-0.2 | 96<br>11.1  | 107<br>-9.4  | 75<br>1.6   | 100<br>18.7 | 89<br>8   | 85<br>13  | 98<br>0.09  | 122<br>1.05  | 111<br>1.22 | 100<br>0.03 |             |
| TTS 250032<br>99643736 | 6            | ST 200008<br>TTS 180007 |                     |                   | 98<br>67     | 101<br>67     | 97<br>49   | 101<br>48 | 107<br>28   | 104<br>48 | 98<br>61    |              |             | 101<br>18 | 96<br>16      | 102<br>0.77  | 89<br>1.1      | 97<br>13     | 101<br>7.0  | 97<br>0.9  | 99<br>35              | 102<br>10.9 | 102<br>91  | 98<br>20    | 93<br>-12  | 87<br>-0.4 | 95<br>10.5  | 108<br>-10.1 | 105<br>-3.4 | 107<br>23.1 | 99<br>13  | 99<br>22  | 104<br>0.58 | 95<br>-0.88  | 105<br>0.46 | 104<br>0.09 |             |
| TTS 250033<br>99644056 | 7            | GH 150004<br>TTS 200023 |                     |                   | 119<br>69    | 92<br>68      | 75<br>55   | 120<br>58 | 78<br>32    | 75<br>52  | 87<br>64    | 103<br>25    | 76<br>47    | 99<br>42  | 85<br>5       | 117<br>-0.47 | 106<br>-0.9    | 83<br>-2     | 92<br>3.2   | 75<br>-5.9 | 75<br>-23             | 89<br>4.2   | 105<br>97  | 101<br>28   | 93<br>-12  | 94<br>-0.1 | 99<br>12.5  | 103<br>-7.4  | 73<br>2.2   | 99<br>18.2  | 90<br>9   | 88<br>15  | 100<br>0.25 | 122<br>1.09  | 110<br>1.12 | 102<br>0.07 |             |
| TTS 250035<br>99643744 | 5            | ST 200008<br>TTS 180027 |                     |                   | 102<br>67    | 105<br>68     | 101<br>50  | 101<br>48 | 96<br>27    | 102<br>48 | 107<br>62   |              |             | 112<br>16 | 98<br>18      | 104<br>0.61  | 96<br>0.3      | 97<br>13     | 105<br>8.5  | 101<br>2.2 | 107<br>51             | 101<br>10.9 | 115<br>117 | 97<br>19    | 105<br>-22 | 93<br>-0.2 | 102<br>14.0 | 92<br>-1.7   | 97<br>-2.1  | 107<br>22.7 | 116<br>24 | 113<br>31 | 109<br>0.88 | 93<br>-1.05  | 97<br>-0.45 | 108<br>0.15 |             |
| TTS 250037<br>99643751 | 7            | GH 210010<br>TTS 150025 |                     |                   | 83<br>67     | 112<br>67     | 93<br>51   | 96<br>48  | 103<br>29   | 103<br>49 | 103<br>62   |              |             | 104<br>20 | 104<br>23     | 84<br>2.36   | 92<br>0.7      | 104<br>20    | 112<br>11.5 | 93<br>-0.2 | 102<br>40             | 113<br>17.2 | 107<br>100 | 98<br>21    | 97<br>-14  | 88<br>-0.4 | 101<br>13.5 | 109<br>-10.1 | 100<br>-2.7 | 115<br>27.6 | 100<br>14 | 105<br>26 | 104<br>0.53 | 101<br>-0.45 | 103<br>0.27 | 104<br>0.09 |             |

Breeding Values and Accuracies: Cows & Heifers

| Value <80       |              |                      |                     |                   |              |               |            |          |             | Value >120 |             |              |             |           | Breeding values with an accuracy < 5% are not printed |          |                |              |          |          |                       |            |     |             |     |              |         |             |           |           |        |         |      |       |          |         |
|-----------------|--------------|----------------------|---------------------|-------------------|--------------|---------------|------------|----------|-------------|------------|-------------|--------------|-------------|-----------|-------------------------------------------------------|----------|----------------|--------------|----------|----------|-----------------------|------------|-----|-------------|-----|--------------|---------|-------------|-----------|-----------|--------|---------|------|-------|----------|---------|
| Animal          |              |                      |                     | Selection Values  |              |               |            |          |             |            |             |              |             | Birth     |                                                       |          | Wean           |              |          |          | Growth & Adaptability |            |     |             |     | Fertility    |         |             |           | Frame     |        | Carcass |      |       |          |         |
| ID<br>Animal no | % Inbreeding | Genomic<br>Parentage | Index<br>EBV<br>Acc | Sire ID<br>Dam ID | Calv. Ease V | Calf Growth V | Milk Value | Maint. V | Fertility V | Cow Value  | Wean Calf V | Growth Value | Prod. Value | Carcass V | Cow wt -brth                                          | Birth wt | Cow-Calf birth | Cow wt -wean | Wean dir | Wean mat | Cow-Calf wn           | Post wn wt | ADG | Veld growth | FCR | Skin Thicken | Scrotum | Heifer Fert | Cow Fert. | Longevity | Height | Length  | EMA  | Fat   | Marbling | Dress % |
|                 |              |                      |                     |                   |              |               |            |          |             |            |             |              |             |           |                                                       |          |                |              |          |          |                       |            |     |             |     |              |         |             |           |           |        |         |      |       |          |         |
| TTS 250040      | 5            | GH 210010            |                     | TTS 150011        | 103          | 115           | 93         | 95       | 122         | 124        | 113         |              |             | 114       | 105                                                   | 103      | 105            | 104          | 115      | 93       | 103                   | 112        | 118 | 95          | 103 | 92           | 104     | 102         | 125       | 118       | 114    | 112     | 116  | 113   | 98       | 117     |
| 99643785        |              |                      |                     |                   | 67           | 58            | 51         | 49       | 28          | 46         | 57          |              |             | 18        | 24                                                    | 0.75     | -0.7           | 20           | 12.6     | -0.4     | 43                    | 16.6       | 122 | 13          | -20 | -0.2         | 14.9    | -7.1        | -7.0      | 29.8      | 22     | 30      | 1.43 | 0.39  | -0.36    | 0.27    |
|                 |              |                      |                     |                   |              |               |            |          |             |            |             |              |             |           | 34                                                    | 72       | 56             | 49           | 58       | 51       | 53                    | 52         | 27  | 27          | 6   | 32           | 31      | 34          | 21        | 47        | 30     | 27      | 17   | 18    | 16       | 18      |
| TTS 250042      | 6            | ST 200008            |                     | TTS 190030        | 102          | 106           | 96         | 100      | 116         | 115        | 105         |              |             | 111       | 100                                                   | 104      | 97             | 99           | 106      | 96       | 101                   | 106        | 106 | 102         | 99  | 80           | 102     | 107         | 117       | 111       | 108    | 107     | 104  | 92    | 104      | 104     |
| 6020014988      |              |                      |                     |                   | 66           | 57            | 48         | 47       | 26          | 44         | 55          |              |             | 20        | 20                                                    | 0.66     | 0.1            | 15           | 9.1      | 0.5      | 39                    | 13.3       | 99  | 31          | -16 | -0.7         | 13.6    | -9.2        | -5.6      | 25.3      | 19     | 27      | 0.58 | -1.09 | 0.32     | 0.09    |
|                 |              |                      |                     |                   |              |               |            |          |             |            |             |              |             |           | 24                                                    | 71       | 55             | 47           | 57       | 48       | 51                    | 46         | 21  | 17          | 6   | 26           | 25      | 33          | 19        | 44        | 24     | 22      | 18   | 21    | 18       | 20      |
| ST 260002       | 4            | ST 200033            |                     | ST 180074         | 98           | 111           | 83         | 104      | 92          | 96         | 103         |              |             | 92        | 96                                                    | 95       | 104            | 96           | 111      | 83       | 94                    | 110        | 96  | 93          |     | 90           | 109     | 90          | 93        | 98        | 100    | 95      | 101  | 83    | 103      | 99      |
| 6020438781      |              |                      |                     |                   | 64           | 58            | 49         | 47       | 27          | 45         | 56          |              |             | 16        | 16                                                    | 1.38     | -0.6           | 11           | 10.9     | -3.4     | 23                    | 15.4       | 79  | 10          |     | -0.3         | 17.2    | -1.0        | -1.4      | 17.4      | 14     | 19      | 0.35 | -1.72 | 0.28     | 0.03    |
|                 |              |                      |                     |                   |              |               |            |          |             |            |             |              |             |           | 27                                                    | 68       | 54             | 47           | 58       | 49       | 51                    | 51         | 19  | 13          |     | 22           | 22      | 34          | 20        | 46        | 21     | 19      | 16   | 17    | 16       | 16      |
| TTS 260004      | 6            | TTS 190014           |                     | TTS 160035        | 108          | 114           | 86         | 99       | 116         | 117        | 110         |              |             | 112       | 104                                                   | 106      | 109            | 101          | 114      | 86       | 97                    | 110        | 112 | 103         | 101 | 75           | 108     | 113         | 113       | 111       | 109    | 112     | 109  | 113   | 103      | 110     |
| 6020691991      |              |                      |                     |                   | 59           | 60            | 51         | 48       | 27          | 45         | 57          |              |             | 24        | 23                                                    | 0.50     | -1.2           | 17           | 12.2     | -2.4     | 30                    | 15.5       | 110 | 33          | -19 | -0.9         | 16.6    | -12.3       | -4.9      | 25.4      | 19     | 30      | 0.90 | 0.39  | 0.28     | 0.18    |
|                 |              |                      |                     |                   |              |               |            |          |             |            |             |              |             |           | 28                                                    | 62       | 52             | 48           | 60       | 51       | 53                    | 56         | 28  | 28          | 6   | 35           | 33      | 34          | 20        | 47        | 32     | 29      | 23   | 26    | 23       | 24      |

Selection List on Cow Value

Bulls 2 years and older

| ID           | Name       | Sire ID    | Dam ID     | % Inbreeding | Horned / Polled | Myostatin | Genomic test | Calving Ease Value | Calf Growth Value | Milk Value                                                                          | Maint. Value | Fertility Value | Cow Value | Weaner Calf Value | Growth Value | Prod Value | Carcass Value |    |     |    |     |    |     |    |     |    |     |    |     |    |
|--------------|------------|------------|------------|--------------|-----------------|-----------|--------------|--------------------|-------------------|-------------------------------------------------------------------------------------|--------------|-----------------|-----------|-------------------|--------------|------------|---------------|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|
| Sorted on ID |            |            |            |              |                 | nt821     | F94L         | Q204X              |                   | Acc                                                                                 | Acc          | Acc             | Acc       | Acc               | Acc          | Acc        | Acc           |    |     |    |     |    |     |    |     |    |     |    |     |    |
|              |            |            |            |              |                 |           |              | ★★★★★★             |                   |                                                                                     |              |                 |           |                   |              |            |               |    |     |    |     |    |     |    |     |    |     |    |     |    |
| 1            | HBH 210009 | HBH210009  | H 050089   | HBH 180001   | 3.9             | PcPc      | 0            | 0                  | 0                 |  | 87           | 89              | 122       | 90                | 118          | 83         | 83            | 83 | 116 | 74 | 131 | 80 | 128 | 88 | 114 | 81 | 130 | 80 | 133 | 84 |
|              |            |            |            |              |                 |           |              | ★★★★★★☆            |                   |                                                                                     |              |                 |           |                   |              |            |               |    |     |    |     |    |     |    |     |    |     |    |     |    |
| 1            | GH 210010  | GH210010   | R 130166   | GH 180021    | 4.9             |           |              |                    |                   |                                                                                     | 90           | 83              | 113       | 87                | 102          | 60         | 89            | 59 | 123 | 40 | 122 | 62 | 109 | 78 | 93  | 20 | 117 | 54 | 109 | 26 |
| 2            | ST 230047  | ST 230047  | TT 200035  | ST 200092    | 5.4             |           |              |                    |                   |                                                                                     | 99           | 66              | 112       | 66                | 112          | 46         | 92            | 46 | 115 | 25 | 124 | 46 | 119 | 60 | 114 | 22 | 123 | 41 | 119 | 32 |
| 3            | ST 230098  | ST 230098  | TTS 190014 | ST 180005    | 7.3             |           |              |                    |                   |                                                                                     | 104          | 68              | 123       | 70                | 77           | 51         | 88            | 47 | 124 | 26 | 123 | 49 | 111 | 63 |     |    |     |    | 110 | 24 |
| 4            | ST 230105  | ST 230105  | TTS 190014 | ST 170037    | 7.9             |           |              |                    |                   |                                                                                     | 101          | 68              | 123       | 70                | 90           | 50         | 88            | 47 | 119 | 27 | 125 | 49 | 118 | 63 |     |    |     |    | 122 | 22 |
| 5            | ST 230115  | ST 230115  | ST 180075  | SW 130076    | 5.0             |           |              |                    |                   |                                                                                     | 110          | 70              | 116       | 71                | 107          | 55         | 99            | 50 | 110 | 28 | 125 | 51 | 127 | 65 |     |    |     |    | 119 | 22 |
| 6            | ST 240014  | ST 240014  | TTS 190014 | ST 180041    | 5.1             |           |              |                    |                   |                                                                                     | 108          | 67              | 116       | 70                | 85           | 50         | 98            | 47 | 119 | 25 | 121 | 48 | 113 | 63 |     |    |     |    | 107 | 20 |
| 7            | ST 240029  | ST 240029  | TTS 190014 | ST 180049    | 8.8             |           |              |                    |                   |                                                                                     | 115          | 67              | 116       | 60                | 92           | 49         | 89            | 47 | 117 | 27 | 122 | 46 | 115 | 57 |     |    |     |    | 115 | 22 |
| 8            | ST 240073  | ST 240073  | GH 210010  | T 140060     | 5.6             |           |              |                    |                   |                                                                                     | 95           | 69              | 102       | 69                | 106          | 50         | 94            | 48 | 127 | 28 | 120 | 49 | 100 | 63 |     |    |     |    | 100 | 18 |
|              |            |            |            |              |                 |           |              | ★★★★★★             |                   |                                                                                     |              |                 |           |                   |              |            |               |    |     |    |     |    |     |    |     |    |     |    |     |    |
| 1            | ADM 210028 | ADM 210028 | GH 140001  | ADM 160028   | 4.9             | PcH       | 0            | 0                  | 0                 |  | 91           | 92              | 121       | 92                | 80           | 85         | 85            | 85 | 112 | 74 | 110 | 81 | 105 | 90 | 154 | 84 | 119 | 82 | 136 | 85 |
| 2            | ST 180075  | ST 180075  | T 110098   | R 070030     | 6.6             |           |              |                    |                   |                                                                                     | 94           | 89              | 128       | 93                | 99           | 70         | 91            | 66 | 92  | 42 | 114 | 67 | 129 | 85 | 133 | 26 | 118 | 59 | 132 | 39 |
| 3            | ST 230040  | ST 230040  | TT 170020  | ST 200039    | 7.5             |           |              |                    |                   |                                                                                     | 80           | 66              | 125       | 67                | 102          | 49         | 91            | 50 | 93  | 30 | 110 | 49 | 123 | 61 | 113 | 34 | 111 | 46 | 121 | 36 |
| 4            | ST 230077  | ST 230077  | ST 180075  | ST 140012    | 6.0             |           |              |                    |                   |                                                                                     | 100          | 69              | 131       | 70                | 96           | 55         | 85            | 51 | 98  | 29 | 119 | 51 | 131 | 65 |     |    |     |    | 120 | 20 |
| 5            | ST 230081  | ST 230081  | TT 200035  | ST 200081    | 6.0             |           |              |                    |                   |                                                                                     | 92           | 66              | 119       | 68                | 109          | 46         | 87            | 46 | 103 | 25 | 117 | 47 | 121 | 61 | 108 | 20 | 115 | 42 | 115 | 32 |
| 6            | ST 240108  | ST 240108  | ADM 210028 | T 140016     | 5.4             |           |              |                    |                   |                                                                                     | 112          | 69              | 110       | 68                | 87           | 52         | 106           | 48 | 109 | 24 | 112 | 48 | 109 | 63 | 131 | 21 | 116 | 43 | 126 | 32 |
| 7            | ST 240120  | ST 240120  | TTS 190014 | ST 150017    | 7.0             |           |              |                    |                   |                                                                                     | 113          | 68              | 104       | 70                | 86           | 52         | 103           | 47 | 119 | 26 | 114 | 49 | 101 | 63 |     |    |     |    | 99  | 22 |
| 8            | ST 240145  | ST 240145  | TTS 210004 | ST 210023    | 5.4             |           |              |                    |                   |                                                                                     | 82           | 64              | 115       | 64                | 99           | 45         | 94            | 46 | 105 | 23 | 110 | 45 | 109 | 58 |     |    |     |    | 118 | 23 |
|              |            |            |            |              |                 |           |              | ★★★★☆              |                   |                                                                                     |              |                 |           |                   |              |            |               |    |     |    |     |    |     |    |     |    |     |    |     |    |
| 1            | AM 220155  | AM 220155  | AM 090025  | W 140019     | 6.9             |           |              |                    |                   |                                                                                     | 102          | 71              | 106       | 71                | 102          | 58         | 105           | 55 | 91  | 34 | 101 | 54 | 110 | 67 | 106 | 26 | 101 | 48 | 108 | 32 |
| 2            | ST 200008  | ST 200008  | T 110098   | T 140129     | 5.0             |           |              |                    |                   |                                                                                     | 95           | 86              | 108       | 89                | 111          | 65         | 93            | 60 | 101 | 36 | 109 | 63 | 111 | 80 |     |    |     |    | 116 | 18 |
| 3            | ST 230037  | ST 230037  | ADM 180052 | ST 200086    | 8.2             |           |              |                    |                   |                                                                                     | 80           | 65              | 115       | 65                | 97           | 45         | 97            | 47 | 92  | 23 | 100 | 45 | 108 | 59 | 102 | 20 | 99  | 40 | 107 | 21 |
| 4            | ST 230053  | ST 230053  | TT 200035  | ST 210017    | 6.2             |           |              |                    |                   |                                                                                     | 107          | 65              | 93        | 66                | 103          | 46         | 110           | 46 | 106 | 24 | 103 | 46 | 98  | 60 | 94  | 20 | 100 | 41 | 93  | 32 |
| 5            | ST 230063  | ST 230063  | ST 180075  | ST 140017    | 6.8             |           |              |                    |                   |                                                                                     | 96           | 69              | 116       | 70                | 85           | 53         | 95            | 50 | 101 | 28 | 104 | 50 | 106 | 64 |     |    |     |    | 111 | 22 |

Selection List on Cow Value

Bulls 2 years and older

| ID<br>Name<br>Sorted on ID |            | Sire ID    | Dam ID     | % Inbreeding | Horned / Polled | Myostatin<br>nt821<br>F94L<br>Q204X |  | Genomic test | Calving Ease Value<br>Acc | Calf Growth Value<br>Acc | Milk Value<br>Acc | Maint. Value<br>Acc | Fertility Value<br>Acc | Cow Value<br>Acc | Weaner Calf Value<br>Acc | Growth Value<br>Acc | Prod Value<br>Acc | Carcass Value<br>Acc |
|----------------------------|------------|------------|------------|--------------|-----------------|-------------------------------------|--|--------------|---------------------------|--------------------------|-------------------|---------------------|------------------------|------------------|--------------------------|---------------------|-------------------|----------------------|
|                            |            |            |            |              |                 |                                     |  |              | ★★★★☆                     |                          |                   |                     |                        |                  |                          |                     |                   |                      |
| 6                          | TTS 240005 | TTS 240005 | ADM 200045 | TTS 160039   | 6.8             |                                     |  |              | 9767                      | 11169                    | 9650              | 9647                | 10326                  | 10748            | 10962                    | 11022               | 10743             | 9734                 |
|                            |            |            |            |              |                 |                                     |  |              | ★★★                       |                          |                   |                     |                        |                  |                          |                     |                   |                      |
| 1                          | ST 160007  | ST 160007  | T 110098   | T 090043     | 6.5             |                                     |  |              | 9588                      | 10391                    | 11270             | 9873                | 7942                   | 9268             | 10784                    |                     |                   | 11116                |
| 2                          | ST 230034  | ST 230034  | HBH 160026 | ST 180079    | 4.6             |                                     |  |              | 9669                      | 10866                    | 9555              | 9557                | 8431                   | 9051             | 10263                    | 10720               | 9145              | 10732                |
| 3                          | ST 230145  | ST 230145  | HBH 160026 | ST 190083    | 5.0             |                                     |  |              | 9769                      | 10369                    | 10356             | 10557               | 8932                   | 9652             | 10565                    | 10820               | 9746              | 11232                |
| 4                          | ST 240039  | ST 240039  | ADM 180052 | ST 210102    | 7.2             |                                     |  |              | 8265                      | 11466                    | 10643             | 8546                | 8324                   | 9545             | 10959                    |                     |                   | 10320                |
| 5                          | ST 240040  | ST 240040  |            | T 090099     | 0.0             |                                     |  |              | 9662                      | 10862                    | 8844              | 9839                | 9723                   | 9743             | 10056                    |                     |                   | 10012                |
| 6                          | ST 240055  | ST 240055  | ST 160007  | ST 180005    | 6.5             |                                     |  |              | 10068                     | 10059                    | 9552              | 10152               | 9829                   | 9647             | 9658                     |                     |                   | 10016                |
| 7                          | ST 240097  | ST 240097  | ST 200008  | ST 200070    | 6.3             |                                     |  |              | 10066                     | 10067                    | 9746              | 9947                | 9726                   | 9647             | 9660                     |                     |                   | 10718                |
| 8                          | TTS 230041 | TTS 230041 | GH 150004  | TTS 160038   | 6.6             |                                     |  |              | 12071                     | 9871                     | 7259              | 12859               | 9435                   | 9254             | 9567                     | 10527               | 9249              | 10440                |
| 9                          | TTS 230050 | TTS 230050 | GH 150004  | TTS 150027   | 7.2             |                                     |  |              | 10571                     | 11670                    | 9159              | 9159                | 8736                   | 9954             | 11367                    | 11326               | 10048             | 11642                |
| 10                         | TTS 230055 | TTS 230055 | HBH 160026 | TTS 180006   | 4.9             |                                     |  |              | 10569                     | 10461                    | 9455              | 11157               | 9230                   | 9849             | 10561                    | 11422               | 10044             | 11034                |
| 11                         | TTS 240012 | TTS 240012 | ADM 200045 | TTS 150025   | 8.1             |                                     |  |              | 9767                      | 11169                    | 8750              | 10147               | 8826                   | 9448             | 10562                    | 10422               | 9443              | 9334                 |
| 12                         | TTS 240028 | TTS 240028 | ST 160007  | TTS 140002   | 9.3             |                                     |  |              | 9568                      | 10770                    | 8954              | 9951                | 9228                   | 9350             | 9864                     |                     |                   | 10216                |
|                            |            |            |            |              |                 |                                     |  |              | ★★★★                      |                          |                   |                     |                        |                  |                          |                     |                   |                      |
| 1                          | HBH 160026 | HBH160026  | HBH 110031 | HBH 130033   | 4.5             |                                     |  |              | 10094                     | 10096                    | 9885              | 10287               | 7848                   | 8475             | 9792                     | 12038               | 8868              | 11763                |
| 2                          | ST 230061  | ST 230061  | GH 150004  | TTS 160047   | 6.1             |                                     |  |              | 9971                      | 10162                    | 7258              | 10659               | 9534                   | 8551             | 8562                     | 10426               | 8546              | 10142                |
| 3                          | ST 230113  | ST 230113  | GH 150004  | ST 150015    | 6.0             |                                     |  |              | 12571                     | 9371                     | 7259              | 11759               | 9034                   | 8354             | 8767                     | 9424                | 8248              | 9339                 |
| 4                          | ST 230139  | ST 230139  | GH 150004  | ST 160038    | 6.7             |                                     |  |              | 10570                     | 11171                    | 8459              | 10059               | 7434                   | 8454             | 10567                    | 10623               | 8548              | 10738                |
| 5                          | TTS 230021 | TTS 230021 | GH 150004  | TTS 150010   | 5.1             |                                     |  |              | 12771                     | 9871                     | 7559              | 12359               | 8634                   | 8854             | 9967                     | 11126               | 9048              | 10940                |
| 6                          | TTS 240013 | TTS 240013 | GH 150004  | TTS 160035   | 5.7             |                                     |  |              | 12170                     | 9071                     | 7658              | 13659               | 8534                   | 8354             | 9267                     | 10426               | 8448              | 10240                |
|                            |            |            |            |              |                 |                                     |  |              | ★★                        |                          |                   |                     |                        |                  |                          |                     |                   |                      |
| 1                          | ST 230094  | ST 230094  | GH 150004  | ST 160050    | 6.1             |                                     |  |              | 12170                     | 7971                     | 7159              | 13059               | 8635                   | 7154             | 7267                     | 8924                | 7048              | 8738                 |
| 2                          | ST 240005  | ST 240005  | GH 150004  | T 100025     | 3.9             |                                     |  |              | 10072                     | 10273                    | 8561              | 11958               | 7134                   | 7855             | 9969                     | 9924                | 7949              | 10238                |
|                            |            |            |            |              |                 |                                     |  |              |                           |                          |                   |                     |                        |                  |                          |                     |                   |                      |

Selection List on Cow Value

Bulls 2 years and older

| ID<br>Name<br>Sorted on ID |                    | Sire ID   | Dam ID    | % Inbreeding | Horned / Polled | Myostatin |  |  | Genomic test | Calving Ease Value<br>Acc | Calf Growth Value<br>Acc | Milk Value<br>Acc | Maint. Value<br>Acc | Fertility Value<br>Acc | Cow Value<br>Acc | Weaner Calf Value<br>Acc | Growth Value<br>Acc | Prod Value<br>Acc | Carcass Value<br>Acc |
|----------------------------|--------------------|-----------|-----------|--------------|-----------------|-----------|--|--|--------------|---------------------------|--------------------------|-------------------|---------------------|------------------------|------------------|--------------------------|---------------------|-------------------|----------------------|
|                            |                    |           |           |              |                 |           |  |  |              |                           |                          |                   |                     |                        |                  |                          |                     |                   |                      |
| 1                          | GH 150004 GH150004 | XY 120065 | XY 120042 | 6.0          |                 |           |  |  |              | 120 95                    | 90 97                    | 59 86             | 142 90              | 71 54                  | 67 78            | 83 94                    | 103 44              | 69 71             | 97 76                |



Selection List on Cow Value

Cows 2 years and older

| ID<br>Name<br>Sorted on ID |            | Sire ID    | Dam ID     | % Inbreeding | Horned / Polled | Myostatin<br>nt821<br>F94L<br>Q204X |  | Genomic test | Calving Ease Value<br>Acc | Calf Growth Value<br>Acc | Milk Value<br>Acc | Maint. Value<br>Acc | Fertility Value<br>Acc | Cow Value<br>Acc | Weaner Calf Value<br>Acc | Growth Value<br>Acc | Prod Value<br>Acc | Carcass Value<br>Acc |
|----------------------------|------------|------------|------------|--------------|-----------------|-------------------------------------|--|--------------|---------------------------|--------------------------|-------------------|---------------------|------------------------|------------------|--------------------------|---------------------|-------------------|----------------------|
|                            |            |            |            |              |                 |                                     |  |              | ★★★★★★                    |                          |                   |                     |                        |                  |                          |                     |                   |                      |
| 1                          | ST 170064  | ST 170064  | T 110098   | SW 130076    | 4.2             |                                     |  |              | 9879                      | 11978                    | 12581             | 9079                | 11044                  | 13266            | 13579                    |                     |                   | 12517                |
| 2                          | ST 170086  | ST 170086  | T 110098   | SW 110056    | 5.5             |                                     |  |              | 8173                      | 14276                    | 11777             | 7075                | 9842                   | 13063            | 14476                    |                     |                   | 13316                |
| 3                          | ST 190024  | ST 190024  | HBH 160001 | TTS 160047   | 10.7            |                                     |  |              | 8275                      | 12974                    | 7671              | 8173                | 13838                  | 13160            | 11173                    | 10223               | 12753             | 11035                |
| 4                          | TTS 150024 | TTS 150024 | AM 090036  | AM 090120    | 6.2             |                                     |  |              | 10781                     | 10678                    | 9381              | 9476                | 14438                  | 13264            | 10379                    | 9627                | 12757             | 9341                 |
|                            |            |            |            |              |                 |                                     |  |              | ★★★★★                     |                          |                   |                     |                        |                  |                          |                     |                   |                      |
| 1                          | ST 160026  | ST 160026  | HBH 120043 | SW 110056    | 4.4             |                                     |  |              | 9480                      | 11076                    | 9781              | 8673                | 13438                  | 12663            | 10377                    | 10424               | 12355             | 10829                |
| 2                          | ST 200002  | ST 200002  | T 110098   | T 140029     | 8.2             |                                     |  |              | 7777                      | 12275                    | 9574              | 10676               | 11242                  | 12063            | 11875                    |                     |                   | 12116                |
| 3                          | ST 200092  | ST 200092  | T 110098   | T 110148     | 7.5             |                                     |  |              | 9876                      | 11374                    | 11071             | 9674                | 12142                  | 12861            | 11974                    |                     |                   | 12116                |
| 4                          | ST 210010  | ST 210010  | HBH 160001 | ST 150023    | 6.6             |                                     |  |              | 10373                     | 10970                    | 8263              | 12470               | 13536                  | 12957            | 10969                    | 8722                | 12350             | 9735                 |
| 5                          | ST 210016  | ST 210016  | HBH 160001 | CR 090080    | 5.7             |                                     |  |              | 9374                      | 11674                    | 7469              | 9972                | 13138                  | 12060            | 10073                    | 9222                | 11552             | 9834                 |
| 6                          | ST 220031  | ST 220031  | ADM 180052 | ST 200002    | 8.2             |                                     |  |              | 8069                      | 13968                    | 10256             | 8566                | 9632                   | 12253            | 13866                    |                     |                   | 11920                |
| 7                          | ST 230052  | ST 230052  | TT 200035  | ST 210001    | 5.9             |                                     |  |              | 9166                      | 12468                    | 10246             | 9146                | 10724                  | 12146            | 12561                    | 10222               | 11941             | 11632                |
| 8                          | ST 230075  | ST 230075  | ST 180075  | AM 120024    | 5.6             |                                     |  |              | 10670                     | 11671                    | 9655              | 9850                | 11127                  | 12050            | 11865                    |                     |                   | 11025                |
| 9                          | ST 230096  | ST 230096  | TTS 190014 | ST 170083    | 4.1             |                                     |  |              | 11467                     | 11870                    | 8951              | 9947                | 11325                  | 12248            | 12063                    |                     |                   | 11020                |
| 10                         | ST 230114  | ST 230114  | TTS 190014 | ST 170016    | 7.8             |                                     |  |              | 11067                     | 11570                    | 9551              | 9447                | 11428                  | 12149            | 11663                    |                     |                   | 11424                |
| 11                         | ST 240009  | ST 240009  | TTS 190014 | ST 180012    | 5.6             |                                     |  |              | 12067                     | 11269                    | 8949              | 9247                | 11824                  | 12047            | 11162                    |                     |                   | 10222                |
| 12                         | ST 240016  | ST 240016  | TTS 190014 | ST 180071    | 9.6             |                                     |  |              | 10868                     | 12870                    | 8851              | 8647                | 11627                  | 12749            | 12563                    |                     |                   | 11822                |
| 13                         | ST 240020  | ST 240020  | TTS 190014 | ST 180034    | 5.9             |                                     |  |              | 11167                     | 10469                    | 9248              | 9747                | 12926                  | 12248            | 10262                    |                     |                   | 10422                |
| 14                         | ST 240067  | ST 240067  | HBH 210009 | ST 200092    | 4.6             |                                     |  |              | 9566                      | 11667                    | 11447             | 9048                | 11930                  | 12948            | 12261                    | 11722               | 12843             | 12434                |
| 15                         | ST 240096  | ST 240096  | TTS 190014 | T 140129     | 5.0             |                                     |  |              | 11570                     | 11072                    | 9053              | 9148                | 12426                  | 12250            | 10765                    |                     |                   | 9924                 |
| 16                         | ST 240117  | ST 240117  | ADM 210028 | SW 130076    | 4.7             |                                     |  |              | 10369                     | 11069                    | 10052             | 9348                | 12024                  | 12148            | 11163                    | 12721               | 12343             | 11633                |
| 17                         | ST 240119  | ST 240119  | ST 180075  | ST 190024    | 6.2             |                                     |  |              | 9068                      | 12369                    | 8850              | 9249                | 11528                  | 12049            | 11563                    |                     |                   | 11726                |
| 18                         | ST 240137  | ST 240137  | TTS 210004 | ST 200017    | 5.3             |                                     |  |              | 8265                      | 13165                    | 9947              | 8246                | 11426                  | 12646            | 12659                    |                     |                   | 12818                |
| 19                         | ST 240138  | ST 240138  | TTS 210004 | ST 200045    | 5.8             |                                     |  |              | 8065                      | 12865                    | 10546             | 9146                | 10426                  | 12146            | 12859                    |                     |                   | 11920                |
| 20                         | TTS 190026 | TTS 190026 | HBH 160001 | TTS 150010   | 4.5             |                                     |  |              | 10375                     | 11873                    | 9472              | 9573                | 12336                  | 12759            | 11873                    | 10622               | 12552             | 11332                |
| 21                         | TTS 190030 | TTS 190030 | HBH 160001 | TTS 160038   | 9.4             |                                     |  |              | 10375                     | 10873                    | 8171              | 10673               | 13238                  | 12260            | 10073                    | 9824                | 11853             | 10634                |
| 22                         | TTS 200031 | TTS 200031 | HBH 160001 | TTS 140006   | 5.7             |                                     |  |              | 9072                      | 11772                    | 8767              | 9072                | 12536                  | 12058            | 10571                    | 11224               | 12051             | 10533                |
| 23                         | TTS 230045 | TTS 230045 | TTS 190014 | TTS 170017   | 6.2             |                                     |  |              | 9568                      | 12869                    | 8251              | 8746                | 12024                  | 12448            | 11763                    |                     |                   | 11420                |

Selection List on Cow Value

Cows 2 years and older

| ID<br><div>Sorted on ID</div> |            | Name       | Sire ID    | Dam ID     | % Inbreeding | Horned / Polled | Myostatin<br>nt821<br>F94L<br>Q204X | Genomic test | Calving Ease<br>Value<br>Acc | Calf Growth<br>Value<br>Acc | Milk<br>Value<br>Acc | Maint.<br>Value<br>Acc | Fertility<br>Value<br>Acc | Cow<br>Value<br>Acc | Weaner Calf<br>Value<br>Acc | Growth<br>Value<br>Acc | Prod<br>Value<br>Acc | Carcass<br>Value<br>Acc |     |    |     |    |     |    |     |     |     |    |
|-------------------------------|------------|------------|------------|------------|--------------|-----------------|-------------------------------------|--------------|------------------------------|-----------------------------|----------------------|------------------------|---------------------------|---------------------|-----------------------------|------------------------|----------------------|-------------------------|-----|----|-----|----|-----|----|-----|-----|-----|----|
|                               |            |            |            |            |              |                 |                                     | ★★★★★☆☆      |                              |                             |                      |                        |                           |                     |                             |                        |                      |                         |     |    |     |    |     |    |     |     |     |    |
| 24                            | TTS 240020 | TTS 240020 | TTS 190014 | TTS 180019 | 6.9          |                 |                                     |              | 103                          | 68                          | 112                  | 69                     | 91                        | 50                  | 95                          | 47                     | 126                  | 26                      | 123 | 48 | 108 | 62 |     |    |     | 105 | 24  |    |
| 25                            | TTS 240040 | TTS 240040 | HBH 210009 | TTS 200021 | 4.2          |                 |                                     |              | 96                           | 66                          | 121                  | 65                     | 116                       | 47                  | 83                          | 47                     | 105                  | 30                      | 123 | 47 | 128 | 59 | 119 | 23 | 123 | 42  | 128 | 34 |
| 26                            | TTS 240051 | TTS 240051 | TTS 210004 | TTS 200002 | 5.7          |                 |                                     |              | 87                           | 64                          | 120                  | 63                     | 98                        | 44                  | 92                          | 45                     | 116                  | 24                      | 121 | 44 | 115 | 57 |     |    |     | 117 | 22  |    |
|                               |            |            |            |            |              |                 |                                     | ★★★★★        |                              |                             |                      |                        |                           |                     |                             |                        |                      |                         |     |    |     |    |     |    |     |     |     |    |
| 1                             | ST 140012  | ST 140012  | CR 080026  | R 080088   | 5.7          |                 |                                     |              | 103                          | 81                          | 111                  | 79                     | 101                       | 83                  | 90                          | 77                     | 104                  | 40                      | 110 | 65 | 111 | 80 |     |    |     | 91  | 14  |    |
| 2                             | ST 150009  | ST 150009  | H 090001   | R 090094   | 6.1          |                 |                                     |              | 92                           | 81                          | 88                   | 80                     | 90                        | 84                  | 111                         | 80                     | 137                  | 48                      | 111 | 68 | 78  | 81 | 93  | 22 | 107 | 59  | 87  | 28 |
| 3                             | ST 170014  | ST 170014  | T 110098   | T 130104   | 5.9          |                 |                                     |              | 94                           | 79                          | 112                  | 76                     | 118                       | 78                  | 92                          | 75                     | 94                   | 44                      | 110 | 64 | 120 | 77 | 122 | 20 | 113 | 55  | 125 | 25 |
| 4                             | ST 170037  | ST 170037  | T 110098   | T 090077   | 6.7          |                 |                                     |              | 87                           | 79                          | 112                  | 76                     | 101                       | 76                  | 103                         | 75                     | 107                  | 42                      | 112 | 63 | 111 | 76 |     |    |     | 121 | 15  |    |
| 5                             | ST 190035  | ST 190035  | HBH 160026 | ST 150009  | 4.5          |                 |                                     |              | 97                           | 76                          | 100                  | 75                     | 105                       | 73                  | 98                          | 76                     | 117                  | 40                      | 113 | 62 | 100 | 75 | 111 | 22 | 113 | 54  | 106 | 34 |
| 6                             | ST 190059  | ST 190059  | HBH 120014 | AM 120024  | 4.2          |                 |                                     |              | 122                          | 77                          | 96                   | 75                     | 85                        | 76                  | 118                         | 75                     | 129                  | 40                      | 119 | 62 | 98  | 75 | 96  | 26 | 115 | 55  | 92  | 31 |
| 7                             | ST 200017  | ST 200017  | T 110098   | CR 090089  | 4.3          |                 |                                     |              | 95                           | 77                          | 112                  | 74                     | 106                       | 74                  | 87                          | 74                     | 112                  | 40                      | 117 | 61 | 110 | 74 |     |    |     | 115 | 16  |    |
| 8                             | ST 200045  | ST 200045  | T 110098   | ST 170059  | 8.9          |                 |                                     |              | 83                           | 76                          | 121                  | 73                     | 112                       | 69                  | 94                          | 74                     | 92                   | 41                      | 113 | 61 | 126 | 73 | 106 | 20 | 111 | 53  | 109 | 24 |
| 9                             | ST 200053  | ST 200053  | HBH 160001 | T 140077   | 4.0          |                 |                                     |              | 82                           | 75                          | 123                  | 73                     | 101                       | 68                  | 95                          | 73                     | 106                  | 38                      | 118 | 59 | 121 | 72 | 94  | 21 | 114 | 51  | 112 | 32 |
| 10                            | ST 200058  | ST 200058  | HBH 160001 | ST 150036  | 5.0          |                 |                                     |              | 79                           | 72                          | 118                  | 71                     | 95                        | 63                  | 87                          | 70                     | 111                  | 38                      | 112 | 57 | 107 | 70 | 99  | 20 | 109 | 50  | 104 | 32 |
| 11                            | ST 200075  | ST 200075  | HBH 160001 | ST 150012  | 4.7          |                 |                                     |              | 90                           | 73                          | 118                  | 72                     | 85                        | 68                  | 95                          | 72                     | 117                  | 37                      | 115 | 58 | 106 | 71 | 97  | 20 | 112 | 50  | 100 | 32 |
| 12                            | ST 210112  | ST 210112  | AM 120022  | SW 130076  | 4.2          |                 |                                     |              | 102                          | 73                          | 96                   | 72                     | 108                       | 60                  | 128                         | 58                     | 110                  | 32                      | 114 | 54 | 109 | 68 | 95  | 20 | 111 | 47  | 95  | 24 |
| 13                            | ST 210124  | ST 210124  | TTS 170006 | T 110148   | 4.9          |                 |                                     |              | 104                          | 69                          | 113                  | 65                     | 94                        | 50                  | 98                          | 49                     | 111                  | 26                      | 116 | 47 | 111 | 61 |     |    |     | 112 | 16  |    |
| 14                            | ST 220035  | ST 220035  | TT 170020  | ST 190083  | 7.2          |                 |                                     |              | 81                           | 69                          | 119                  | 69                     | 109                       | 58                  | 101                         | 67                     | 92                   | 33                      | 110 | 54 | 124 | 67 | 109 | 34 | 110 | 50  | 108 | 36 |
| 15                            | ST 220106  | ST 220106  | AM 120022  | ST 170064  | 5.2          |                 |                                     |              | 94                           | 72                          | 120                  | 72                     | 106                       | 64                  | 93                          | 71                     | 104                  | 38                      | 119 | 58 | 124 | 70 | 110 | 20 | 118 | 50  | 120 | 22 |
| 16                            | ST 230045  | ST 230045  | TT 170020  | ST 200058  | 6.5          |                 |                                     |              | 82                           | 66                          | 128                  | 66                     | 98                        | 47                  | 85                          | 49                     | 98                   | 28                      | 113 | 47 | 123 | 60 | 110 | 34 | 113 | 44  | 111 | 39 |
| 17                            | ST 230055  | ST 230055  | ADM 200045 | ST 200045  | 6.7          |                 |                                     |              | 89                           | 66                          | 128                  | 67                     | 98                        | 46                  | 95                          | 46                     | 92                   | 24                      | 113 | 46 | 129 | 60 | 110 | 20 | 113 | 41  | 110 | 32 |
| 18                            | ST 230116  | ST 230116  | TTS 190014 | ST 170011  | 8.5          |                 |                                     |              | 117                          | 68                          | 118                  | 70                     | 90                        | 51                  | 91                          | 47                     | 107                  | 26                      | 117 | 49 | 118 | 63 |     |    |     | 114 | 22  |    |
| 19                            | ST 230122  | ST 230122  | TTS 190014 | ST 170046  | 6.0          |                 |                                     |              | 114                          | 67                          | 103                  | 68                     | 88                        | 48                  | 110                         | 46                     | 115                  | 26                      | 113 | 47 | 104 | 61 |     |    |     | 99  | 21  |    |
| 20                            | ST 230124  | ST 230124  | TTS 190014 | ST 170095  | 11.5         |                 |                                     |              | 110                          | 69                          | 105                  | 69                     | 77                        | 52                  | 100                         | 48                     | 125                  | 26                      | 113 | 49 | 94  | 63 |     |    |     | 96  | 22  |    |
| 21                            | ST 230138  | ST 230138  | TTS 190014 | ST 170043  | 6.1          |                 |                                     |              | 112                          | 68                          | 114                  | 69                     | 85                        | 49                  | 86                          | 47                     | 111                  | 28                      | 112 | 49 | 107 | 62 |     |    |     | 107 | 22  |    |
| 22                            | ST 240004  | ST 240004  | TTS 190014 | ST 180047  | 9.6          |                 |                                     |              | 96                           | 68                          | 119                  | 70                     | 89                        | 50                  | 91                          | 47                     | 114                  | 27                      | 117 | 49 | 112 | 63 |     |    |     | 110 | 22  |    |
| 23                            | ST 240015  | ST 240015  | TTS 190014 | ST 180016  | 5.9          |                 |                                     |              | 93                           | 67                          | 122                  | 58                     | 95                        | 44                  | 87                          | 45                     | 112                  | 24                      | 119 | 43 | 117 | 55 |     |    |     | 107 | 21  |    |
| 24                            | ST 240030  | ST 240030  | TTS 190014 | ST 180048  | 8.6          |                 |                                     |              | 107                          | 67                          | 110                  | 69                     | 96                        | 49                  | 98                          | 46                     | 110                  | 26                      | 114 | 48 | 111 | 62 |     |    |     | 106 | 22  |    |

Selection List on Cow Value

Cows 2 years and older

| ID<br>Name<br>Sorted on ID |            | Sire ID    | Dam ID     | % Inbreeding | Horned / Polled | Myostatin<br>nI821<br>F94L<br>Q204X |  | Genomic test | Calving Ease Value<br>Acc | Calf Growth Value<br>Acc | Milk Value<br>Acc | Maint. Value<br>Acc | Fertility Value<br>Acc | Cow Value<br>Acc | Weaner Calf Value<br>Acc | Growth Value<br>Acc | Prod Value<br>Acc | Carcass Value<br>Acc |
|----------------------------|------------|------------|------------|--------------|-----------------|-------------------------------------|--|--------------|---------------------------|--------------------------|-------------------|---------------------|------------------------|------------------|--------------------------|---------------------|-------------------|----------------------|
|                            |            |            |            |              |                 |                                     |  |              | ★★★★★                     |                          |                   |                     |                        |                  |                          |                     |                   |                      |
| 25                         | ST 240050  | ST 240050  | ADM 210028 | ST 160051    | 5.9             |                                     |  |              | 9168                      | 10768                    | 9551              | 9747                | 11426                  | 11048            | 10062                    | 12820               | 11342             | 11332                |
| 26                         | ST 240066  | ST 240066  | TTS 190014 | ST 150043    | 6.1             |                                     |  |              | 10369                     | 10170                    | 9052              | 11148               | 12427                  | 11649            | 9964                     |                     |                   | 9522                 |
| 27                         | ST 240072  | ST 240072  | HBH 210009 | ST 200016    | 5.6             |                                     |  |              | 8666                      | 12067                    | 11347             | 9247                | 9130                   | 11248            | 12561                    | 10623               | 11043             | 12034                |
| 28                         | ST 240081  | ST 240081  | GH 210010  | ST 190059    | 6.2             |                                     |  |              | 9767                      | 10668                    | 9549              | 9448                | 12628                  | 11848            | 10062                    |                     |                   | 9820                 |
| 29                         | ST 240084  | ST 240084  | GH 210010  | ST 170044    | 5.1             |                                     |  |              | 10968                     | 10768                    | 9950              | 9748                | 11028                  | 11449            | 10962                    |                     |                   | 11016                |
| 30                         | ST 240101  | ST 240101  | TTS 190014 | TTS 160034   | 7.8             |                                     |  |              | 10568                     | 11370                    | 9250              | 9747                | 10927                  | 11449            | 11163                    |                     |                   | 10125                |
| 31                         | ST 240105  | ST 240105  | GH 210010  | ST 170070    | 5.4             |                                     |  |              | 9067                      | 11268                    | 9850              | 9647                | 10629                  | 11049            | 10862                    |                     |                   | 10617                |
| 32                         | ST 240123  | ST 240123  | TTS 190014 | ST 180065    | 4.5             |                                     |  |              | 10768                     | 10669                    | 9250              | 9247                | 12225                  | 11748            | 10162                    |                     |                   | 9622                 |
| 33                         | TTS 150029 | TTS 150029 | HBH 120014 | T 100042     | 6.6             |                                     |  |              | 9980                      | 11378                    | 6582              | 11576               | 12542                  | 11565            | 9879                     | 10626               | 11357             | 10828                |
| 34                         | TTS 180019 | TTS 180019 | HBH 120014 | V 080093     | 5.5             |                                     |  |              | 9178                      | 10075                    | 10275             | 9975                | 11942                  | 11263            | 9775                     | 10126               | 10956             | 9428                 |
| 35                         | TTS 200002 | TTS 200002 | AM 120022  | AM 090120    | 5.9             |                                     |  |              | 10775                     | 9571                     | 10166             | 10671               | 11736                  | 11158            | 9671                     | 9423                | 10751             | 9129                 |
| 36                         | TTS 200021 | TTS 200021 | T 110098   | GH 100158    | 3.7             |                                     |  |              | 9975                      | 11074                    | 11870             | 9174                | 9340                   | 11061            | 12073                    |                     |                   | 11722                |
| 37                         | TTS 220029 | TTS 220029 | ST 180075  | T 140130     | 6.6             |                                     |  |              | 9171                      | 12970                    | 9453              | 8749                | 9631                   | 11451            | 12564                    |                     |                   | 12720                |
| 38                         | TTS 230015 | TTS 230015 | ADM 200045 | TTS 200021   | 6.7             |                                     |  |              | 8765                      | 12067                    | 10646             | 9246                | 9324                   | 11046            | 12260                    | 11920               | 11141             | 10832                |
| 39                         | TTS 240009 | TTS 240009 | TTS 190014 | TTS 190002   | 7.0             |                                     |  |              | 10467                     | 12269                    | 7450              | 9647                | 11524                  | 11648            | 11162                    |                     |                   | 10625                |
| 40                         | TTS 240011 | TTS 240011 | ST 180075  | TTS 210003   | 5.3             |                                     |  |              | 8766                      | 12469                    | 8948              | 9048                | 10726                  | 11448            | 11562                    |                     |                   | 11926                |
| 41                         | TTS 240014 | TTS 240014 | TTS 190014 | TTS 180027   | 4.3             |                                     |  |              | 11267                     | 11370                    | 8750              | 10147               | 11225                  | 11548            | 11163                    |                     |                   | 11224                |
| 42                         | TTS 240039 | TTS 240039 | GH 210010  | TTS 160038   | 7.0             |                                     |  |              | 9867                      | 10968                    | 9451              | 9849                | 12028                  | 11849            | 10562                    |                     |                   | 10320                |
|                            |            |            |            |              |                 |                                     |  |              | ★★★★☆                     |                          |                   |                     |                        |                  |                          |                     |                   |                      |
| 1                          | AM 150021  | AM150021   | AM 090036  | H 060082     | 4.9             |                                     |  |              | 11682                     | 8579                     | 6782              | 11278               | 13342                  | 10266            | 6980                     | 9029                | 9859              | 8236                 |
| 2                          | ST 150023  | ST 150023  | AM 110165  | AM 120066    | 5.0             |                                     |  |              | 11579                     | 9773                     | 9481              | 13777               | 10237                  | 10962            | 11176                    | 8322                | 10354             | 8632                 |
| 3                          | ST 150032  | ST 150032  | R 090088   | CR 090098    | 8.4             |                                     |  |              | 8880                      | 8377                     | 9881              | 13776               | 11341                  | 10064            | 8678                     |                     |                   | 7815                 |
| 4                          | ST 150043  | ST 150043  | R 090088   | CR 080015    | 8.2             |                                     |  |              | 7980                      | 8777                     | 10081             | 13677               | 11444                  | 10265            | 8778                     |                     |                   | 8315                 |
| 5                          | ST 170001  | ST 170001  | AM 120022  | T 140139     | 3.3             |                                     |  |              | 11080                     | 10178                    | 9380              | 12376               | 9540                   | 10164            | 10778                    | 9120                | 9855              | 10022                |
| 6                          | ST 170009  | ST 170009  | T 110098   | T 040019     | 6.3             |                                     |  |              | 9473                      | 11469                    | 11476             | 12976               | 7240                   | 10560            | 13572                    | 11520               | 10652             | 12418                |
| 7                          | ST 170022  | ST 170022  | HBH 120014 | ST 150009    | 12.0            |                                     |  |              | 10179                     | 9578                     | 8281              | 10377               | 12445                  | 10466            | 8279                     | 9724                | 10158             | 9530                 |
| 8                          | ST 170031  | ST 170031  | T 110098   | T 090099     | 12.9            |                                     |  |              | 9779                      | 11277                    | 8980              | 10678               | 10344                  | 10865            | 10878                    | 11120               | 10856             | 11418                |
| 9                          | ST 170042  | ST 170042  | T 110098   | HBH 070044   | 5.7             |                                     |  |              | 11979                     | 10377                    | 11079             | 10378               | 9546                   | 10966            | 11778                    | 11022               | 10957             | 10927                |

Selection List on Cow Value

Cows 2 years and older

| ID<br>Sorted on ID |    | Name   | Sire ID   | Dam ID     | % Inbreeding | Horned / Polled | Myostatin<br>nI821<br>F94L<br>Q204X | Genomic test | Calving Ease Value<br>Acc | Calf Growth Value<br>Acc | Milk Value<br>Acc | Maint. Value<br>Acc | Fertility Value<br>Acc | Cow Value<br>Acc | Weaner Calf Value<br>Acc | Growth Value<br>Acc | Prod Value<br>Acc | Carcass Value<br>Acc |
|--------------------|----|--------|-----------|------------|--------------|-----------------|-------------------------------------|--------------|---------------------------|--------------------------|-------------------|---------------------|------------------------|------------------|--------------------------|---------------------|-------------------|----------------------|
|                    |    |        |           |            |              |                 |                                     |              | ★★★★★                     |                          |                   |                     |                        |                  |                          |                     |                   |                      |
| 10                 | ST | 170044 | ST 170044 | T 110098   | T 110118     | 5.5             |                                     |              | 121 79                    | 100 77                   | 98 79             | 112 77              | 98 42                  | 105 64           | 109 78                   |                     |                   | 108 16               |
| 11                 | ST | 170083 | ST 170083 | E 120010   | T 090018     | 3.2             |                                     |              | 114 74                    | 112 76                   | 99 77             | 101 75              | 93 38                  | 107 62           | 118 76                   |                     |                   | 108 8                |
| 12                 | ST | 180005 | ST 180005 | HBH 120014 | R 090082     | 5.8             |                                     |              | 104 79                    | 98 76                    | 78 78             | 105 75              | 116 40                 | 100 63           | 85 77                    | 91 24               | 97 55             | 89 28                |
| 13                 | ST | 180012 | ST 180012 | AM 120022  | ST 150015    | 5.5             |                                     |              | 114 76                    | 99 73                    | 100 72            | 96 74               | 103 35                 | 103 59           | 100 73                   |                     |                   | 90 22                |
| 14                 | ST | 180019 | ST 180019 | E 120010   | T 140022     | 2.8             |                                     |              | 84 76                     | 112 74                   | 92 72             | 97 74               | 112 37                 | 109 60           | 103 74                   |                     |                   | 105 8                |
| 15                 | ST | 180041 | ST 180041 | E 120010   | T 140029     | 3.7             |                                     |              | 99 77                     | 105 75                   | 91 76             | 108 75              | 106 38                 | 106 62           | 103 75                   |                     |                   | 97 11                |
| 16                 | ST | 180065 | ST 180065 | E 120010   | T 140129     | 3.7             |                                     |              | 90 79                     | 101 76                   | 100 76            | 88 76               | 111 38                 | 103 62           | 92 76                    |                     |                   | 88 14                |
| 17                 | ST | 190003 | ST 190003 | E 120010   | T 140133     | 3.3             |                                     |              | 86 76                     | 114 74                   | 115 74            | 91 74               | 94 32                  | 109 59           | 118 74                   |                     |                   | 107 12               |
| 18                 | ST | 190013 | ST 190013 | T 110098   | ST 140017    | 5.0             |                                     |              | 88 77                     | 122 69                   | 95 76             | 94 75               | 97 37                  | 109 60           | 117 72                   |                     |                   | 117 17               |
| 19                 | ST | 190036 | ST 190036 | HBH 160026 | ST 160034    | 5.5             |                                     |              | 102 77                    | 96 75                    | 108 75            | 120 75              | 98 38                  | 104 61           | 105 75                   | 105 20              | 103 53            | 104 32               |
| 20                 | ST | 190045 | ST 190045 | R 090088   | T 140060     | 6.2             |                                     |              | 91 76                     | 83 75                    | 110 73            | 109 75              | 117 37                 | 102 61           | 84 75                    |                     |                   | 81 17                |
| 21                 | ST | 190078 | ST 190078 | E 120010   | ST 140012    | 4.8             |                                     |              | 91 75                     | 114 74                   | 95 73             | 92 74               | 97 36                  | 102 60           | 107 74                   |                     |                   | 97 10                |
| 22                 | ST | 200021 | ST 200021 | HBH 160026 | ST 150023    | 4.7             |                                     |              | 103 76                    | 99 73                    | 99 72             | 131 74              | 91 35                  | 101 59           | 109 73                   | 102 22              | 100 52            | 101 35               |
| 23                 | ST | 200061 | ST 200061 | R 090088   | ST 170064    | 6.4             |                                     |              | 90 74                     | 102 73                   | 108 70            | 102 74              | 110 42                 | 109 61           | 103 73                   |                     |                   | 102 14               |
| 24                 | ST | 200096 | ST 200096 | HBH 160026 | ST 160030    | 5.8             |                                     |              | 91 74                     | 122 72                   | 109 65            | 78 73               | 90 38                  | 108 58           | 123 71                   | 128 22              | 111 51            | 129 34               |
| 25                 | ST | 210007 | ST 210007 | AM 120022  | T 090099     | 9.7             |                                     |              | 99 75                     | 95 75                    | 88 71             | 138 73              | 105 39                 | 102 61           | 97 74                    | 96 22               | 99 53             | 88 24                |
| 26                 | ST | 210046 | ST 210046 | TT 170045  | ST 170042    | 5.7             |                                     |              | 91 73                     | 111 72                   | 125 61            | 91 69               | 85 35                  | 106 56           | 123 70                   | 113 33              | 107 51            | 114 33               |
| 27                 | ST | 210058 |           | ST 160007  | ST 150009    | 5.8             |                                     |              | 88 73                     | 100 72                   | 107 62            | 91 69               | 116 36                 | 109 57           | 95 70                    |                     |                   | 103 16               |
| 28                 | ST | 210079 | ST 210079 | ST 160007  | AM 150021    | 7.0             |                                     |              | 106 72                    | 104 72                   | 88 61             | 97 69               | 104 34                 | 100 56           | 98 70                    |                     |                   | 106 20               |
| 29                 | ST | 220024 | ST 220024 | AM 120022  | T 080022     | 4.5             |                                     |              | 98 73                     | 111 71                   | 88 59             | 126 69              | 89 38                  | 101 57           | 115 69                   | 103 24              | 100 50            | 99 24                |
| 30                 | ST | 220034 | ST 220034 | TT 170020  | ST 190091    | 6.7             |                                     |              | 87 69                     | 111 70                   | 89 59             | 104 68              | 98 34                  | 100 55           | 103 67                   | 101 35              | 99 51             | 99 38                |
| 31                 | ST | 220073 | ST 220073 | ST 160007  | T 140016     | 9.0             |                                     |              | 105 71                    | 111 71                   | 104 61            | 98 69               | 94 32                  | 107 55           | 116 69                   |                     |                   | 116 10               |
| 32                 | ST | 220084 | ST 220084 | HBH 160026 | ST 180067    | 5.0             |                                     |              | 79 72                     | 118 71                   | 101 63            | 87 70               | 97 36                  | 105 57           | 110 69                   | 126 22              | 108 50            | 125 34               |
| 33                 | ST | 220094 | ST 220094 | ST 180075  | T 140129     | 6.3             |                                     |              | 105 72                    | 100 73                   | 101 62            | 103 68              | 104 33                 | 105 56           | 102 70                   |                     |                   | 104 23               |
| 34                 | ST | 220113 | ST 220113 | HBH 160026 | ST 180041    | 4.5             |                                     |              | 100 72                    | 106 72                   | 99 63             | 104 70              | 95 34                  | 102 56           | 107 70                   | 111 20              | 103 49            | 108 32               |
| 35                 | ST | 220115 | ST 220115 | HBH 160026 | ST 180063    | 6.1             |                                     |              | 102 71                    | 111 71                   | 107 63            | 89 71               | 86 40                  | 101 58           | 115 69                   | 121 22              | 104 51            | 120 34               |
| 36                 | ST | 220131 | ST 220131 | AM 120022  | ST 170031    | 7.9             |                                     |              | 105 72                    | 102 72                   | 90 65             | 128 71              | 98 34                  | 103 57           | 106 70                   | 100 20              | 101 50            | 105 23               |
| 37                 | ST | 230036 | ST 230036 | ADM 180052 | ST 200053    | 7.1             |                                     |              | 94 65                     | 125 66                   | 98 45             | 84 48               | 89 26                  | 107 46           | 122 60                   | 97 20               | 104 41            | 111 24               |
| 38                 | ST | 230042 | ST 230042 | ADM 180052 | ST 200089    | 6.9             |                                     |              | 89 67                     | 121 68                   | 109 48            | 79 48               | 81 26                  | 100 48           | 122 62                   | 109 20              | 100 42            | 114 23               |
| 39                 | ST | 230072 | ST 230072 | ST 180075  | CR 100061    | 7.5             |                                     |              | 109 70                    | 119 72                   | 86 55             | 101 49              | 87 28                  | 103 51           | 119 66                   |                     |                   | 104 20               |

Selection List on Cow Value

Cows 2 years and older

| ID           |            | Name       | Sire ID    | Dam ID     | % Inbreeding | Horned / Polled | Myostatin |      | Genomic test | Calving Ease Value | Calf Growth Value | Milk Value | Maint. Value | Fertility Value | Cow Value | Weaner Calf Value | Growth Value | Prod Value | Carcass Value |
|--------------|------------|------------|------------|------------|--------------|-----------------|-----------|------|--------------|--------------------|-------------------|------------|--------------|-----------------|-----------|-------------------|--------------|------------|---------------|
| Sorted on ID |            |            |            |            |              |                 | nt821     | F94L | Q204X        | Acc                | Acc               | Acc        | Acc          | Acc             | Acc       | Acc               | Acc          | Acc        | Acc           |
|              |            |            |            |            |              |                 |           |      |              | ★★★★☆              |                   |            |              |                 |           |                   |              |            |               |
| 40           | ST 230074  | ST 230074  | ST 180075  | T 140029   | 8.5          |                 |           |      |              | 9770               | 11071             | 8554       | 11750        | 10729           | 10951     | 10765             |              |            | 11022         |
| 41           | ST 230130  | ST 230130  | HBH 160026 | ST 190024  | 6.0          |                 |           |      |              | 8869               | 11070             | 8856       | 9557         | 10830           | 10452     | 9766              | 10822        | 10346      | 11136         |
| 42           | ST 240013  | ST 240013  | ADM 200045 | ST 190092  | 7.5          |                 |           |      |              | 9766               | 11667             | 10847      | 8946         | 9025            | 10747     | 12060             | 12020        | 10942      | 11233         |
| 43           | ST 240049  | ST 240049  | ADM 200045 | ST 210039  | 8.0          |                 |           |      |              | 9362               | 11654             | 10137      | 8942         | 8821            | 10139     | 11451             | 10921        | 10135      | 10332         |
| 44           | ST 240052  | ST 240052  | ST 200033  | ST 210058  | 9.0          |                 |           |      |              | 8165               | 11457             | 10944      | 9046         | 9926            | 10843     | 11354             |              |            | 10618         |
| 45           | ST 240092  | ST 240092  | TTS 190014 | R 110150   | 6.3          |                 |           |      |              | 11769              | 10960             | 9050       | 10146        | 9824            | 10545     | 10958             |              |            | 9622          |
| 46           | ST 240118  | ST 240118  | ST 180075  | ST 190015  | 5.7          |                 |           |      |              | 9468               | 11369             | 9551       | 10050        | 9128            | 10049     | 11063             |              |            | 10520         |
| 47           | T 110118   | T 110118   | HBH 080115 | T 080079   | 4.1          |                 |           |      |              | 11582              | 9379              | 9883       | 12776        | 10240           | 10565     | 10480             | 9423         | 10257      | 9118          |
| 48           | TTS 160047 | TTS 160047 | HBH 120014 | AM 090066  | 4.8          |                 |           |      |              | 8080               | 11477             | 8579       | 8277         | 11941           | 10864     | 9678              | 10526        | 10756      | 10432         |
| 49           | TTS 170017 | TTS 170017 | E 120010   | T 100042   | 4.4          |                 |           |      |              | 8677               | 11176             | 8877       | 9973         | 10833           | 10660     | 10176             |              |            | 10410         |
| 50           | TTS 180007 | TTS 180007 | HBH 120014 | T 140003   | 11.2         |                 |           |      |              | 9775               | 9874              | 8372       | 10974        | 11342           | 10062     | 8774              | 8325         | 9555       | 8530          |
| 51           | TTS 180008 | TTS 180008 | HBH 120014 | T 060063   | 5.6          |                 |           |      |              | 9278               | 9876              | 8677       | 13476        | 10344           | 10064     | 9776              | 9526         | 9756       | 9231          |
| 52           | TTS 200008 | TTS 200008 | HBH 160026 | TTS 150028 | 6.3          |                 |           |      |              | 9175               | 10974             | 9272       | 9074         | 11036           | 10660     | 9874              | 11522        | 10752      | 11734         |
| 53           | TTS 200013 | TTS 200013 | HBH 160026 | TTS 150029 | 7.1          |                 |           |      |              | 10075              | 11474             | 8472       | 10374        | 10036           | 10460     | 10774             | 11523        | 10653      | 11534         |
| 54           | TTS 220025 | TTS 220025 | TT 170045  | TTS 150011 | 4.5          |                 |           |      |              | 11172              | 9372              | 11161      | 12869        | 9733            | 10656     | 11069             | 11234        | 10752      | 9932          |
| 55           | TTS 230014 | TTS 230014 | TT 200035  | TTS 200034 | 5.7          |                 |           |      |              | 11364              | 9864              | 9744       | 11045        | 10822           | 10844     | 10358             | 9823         | 10540      | 10034         |
| 56           | TTS 230024 | TTS 230024 | ST 180075  | T 140130   | 6.6          |                 |           |      |              | 9769               | 11170             | 9953       | 9549         | 9826            | 10549     | 10964             |              |            | 11220         |
| 57           | TTS 230039 | TTS 230039 | TTS 190014 | TTS 170020 | 3.9          |                 |           |      |              | 10368              | 10969             | 9349       | 9346         | 10223           | 10547     | 10562             |              |            | 10120         |
| 58           | TTS 230040 | TTS 230040 | ST 180075  | GH 100158  | 4.2          |                 |           |      |              | 11269              | 10570             | 9954       | 10950        | 9329            | 10350     | 11264             |              |            | 10926         |
| 59           | TTS 230051 | TTS 230051 | HBH 160026 | TTS 190016 | 6.0          |                 |           |      |              | 10168              | 10769             | 9355       | 10657        | 9930            | 10351     | 10565             | 11022        | 10345      | 11336         |
| 60           | TTS 230053 | TTS 230053 | ST 200033  | TTS 200013 | 6.0          |                 |           |      |              | 9767               | 11768             | 9649       | 9747         | 9126            | 10548     | 11762             |              |            | 11123         |
| 61           | TTS 240003 | TTS 240003 | TTS 190014 | TTS 180022 | 6.7          |                 |           |      |              | 10267              | 11070             | 8150       | 10547        | 11126           | 10848     | 10263             |              |            | 9825          |
| 62           | TTS 240019 | TTS 240019 | ST 180075  | TTS 180005 | 6.1          |                 |           |      |              | 9767               | 11267             | 9251       | 11250        | 9628            | 10549     | 11262             |              |            | 11024         |
| 63           | TTS 240031 | TTS 240031 | ST 180075  | TTS 160032 | 6.8          |                 |           |      |              | 8568               | 12868             | 9151       | 8349         | 9130            | 10549     | 11962             |              |            | 11824         |
| 64           | TTS 240045 | TTS 240045 | ST 180075  | TTS 170017 | 7.7          |                 |           |      |              | 9568               | 11368             | 9452       | 9949         | 10027           | 10749     | 11063             |              |            | 11420         |
|              |            |            |            |            |              |                 |           |      |              | ★★★                |                   |            |              |                 |           |                   |              |            |               |
| 1            | PC 160032  | PC160032   | HBH 120094 | R 080096   | 5.8          |                 |           |      |              | 11780              | 9478              | 7980       | 10574        | 10236           | 9163      | 8678              | 8726         | 8856       | 8028          |
| 2            | ST 140017  | ST 140017  | R 100131   | CR 100050  | 6.7          |                 |           |      |              | 10180              | 10776             | 7178       | 9976         | 10939           | 9863      | 8877              |              |            | 9019          |

Selection List on Cow Value

Cows 2 years and older

| ID<br>Name<br>Sorted on ID |                     | Sire ID    | Dam ID    | % Inbreeding | Horned / Polled | Myostatin<br>nt821<br>F94L<br>Q204X | Genomic test | Calving Ease Value<br>Acc | Calf Growth Value<br>Acc | Milk Value<br>Acc | Maint. Value<br>Acc | Fertility Value<br>Acc | Cow Value<br>Acc | Weaner Calf Value<br>Acc | Growth Value<br>Acc | Prod Value<br>Acc | Carcass Value<br>Acc |
|----------------------------|---------------------|------------|-----------|--------------|-----------------|-------------------------------------|--------------|---------------------------|--------------------------|-------------------|---------------------|------------------------|------------------|--------------------------|---------------------|-------------------|----------------------|
|                            |                     |            |           |              |                 |                                     |              | ★★★★                      |                          |                   |                     |                        |                  |                          |                     |                   |                      |
| 3                          | ST 150015 ST 150015 | R 100021   | R 090082  | 8.8          |                 |                                     |              | 118 79                    | 84 76                    | 92 79             | 97 75               | 110 40                 | 93 63            | 78 77                    |                     |                   | 72 14                |
| 4                          | ST 150031 ST 150031 | T 110098   | T 090061  | 3.1          |                 |                                     |              | 97 79                     | 98 76                    | 123 79            | 98 76               | 78 42                  | 93 64            | 109 77                   |                     |                   | 115 15               |
| 5                          | ST 170011 ST 170011 | T 110098   | T 130049  | 6.7          |                 |                                     |              | 116 78                    | 105 77                   | 102 78            | 103 75              | 81 42                  | 96 64            | 112 77                   |                     |                   | 113 14               |
| 6                          | ST 170017 ST 170017 | T 110098   | AM 120066 | 7.9          |                 |                                     |              | 108 79                    | 111 78                   | 97 80             | 100 78              | 84 44                  | 98 65            | 113 78                   |                     |                   | 108 21               |
| 7                          | ST 170046 ST 170046 | R 090088   | CR 100021 | 4.8          |                 |                                     |              | 104 77                    | 88 74                    | 97 69             | 131 71              | 98 40                  | 95 60            | 94 73                    |                     |                   | 89 14                |
| 8                          | ST 170070 ST 170070 | T 110098   | T 090105  | 4.8          |                 |                                     |              | 95 79                     | 104 76                   | 97 77             | 108 74              | 89 44                  | 94 64            | 102 76                   | 101 20              | 93 55             | 101 21               |
| 9                          | ST 180022 ST 180022 | R 090088   | ST 140012 | 10.6         |                 |                                     |              | 102 78                    | 86 76                    | 102 77            | 109 76              | 108 42                 | 97 63            | 87 76                    |                     |                   | 76 14                |
| 10                         | ST 190012 ST 190012 | E 120010   | T 130053  | 4.0          |                 |                                     |              | 82 75                     | 101 67                   | 97 73             | 124 74              | 96 36                  | 98 58            | 101 70                   |                     |                   | 106 14               |
| 11                         | ST 190017 ST 190017 | HBH 120014 | FF 140230 | 5.7          |                 |                                     |              | 95 75                     | 98 66                    | 80 71             | 107 72              | 107 36                 | 93 57            | 84 69                    | 96 24               | 92 50             | 90 31                |
| 12                         | ST 190034 ST 190034 | HBH 160026 | AM 150021 | 4.5          |                 |                                     |              | 108 76                    | 90 68                    | 71 72             | 135 74              | 106 32                 | 92 57            | 83 71                    | 102 24              | 92 50             | 95 36                |
| 13                         | ST 210017 ST 210017 | R 090088   | ST 180006 | 7.4          |                 |                                     |              | 104 74                    | 84 73                    | 90 70             | 124 74              | 103 40                 | 90 60            | 82 73                    |                     |                   | 76 18                |
| 14                         | ST 210023 ST 210023 | HBH 160026 | ST 150032 | 5.3          |                 |                                     |              | 85 69                     | 95 66                    | 104 69            | 102 73              | 95 32                  | 91 55            | 90 68                    | 98 20               | 90 48             | 100 32               |
| 15                         | ST 210035 ST 210035 | HBH 120014 | ST 180033 | 6.3          |                 |                                     |              | 108 71                    | 88 69                    | 80 58             | 132 59              | 102 40                 | 91 55            | 85 66                    | 89 22               | 88 48             | 87 28                |
| 16                         | ST 210061 ST 210061 | ST 160007  | T 140139  | 4.0          |                 |                                     |              | 100 74                    | 104 73                   | 106 66            | 98 71               | 82 32                  | 93 57            | 107 71                   |                     |                   | 108 10               |
| 17                         | ST 210102 ST 210102 | ST 160007  | T 140129  | 5.4          |                 |                                     |              | 91 72                     | 95 73                    | 111 62            | 98 69               | 94 32                  | 94 56            | 95 70                    |                     |                   | 93 15                |
| 18                         | ST 210106 ST 210106 | AM 120022  | R 100303  | 7.6          |                 |                                     |              | 113 75                    | 102 73                   | 93 66             | 99 69               | 91 36                  | 95 58            | 101 71                   | 98 21               | 93 51             | 100 24               |
| 19                         | ST 210120 ST 210120 | TT 170045  | ST 170077 | 5.5          |                 |                                     |              | 105 70                    | 93 71                    | 132 60            | 100 69              | 77 33                  | 94 55            | 113 68                   | 98 32               | 93 50             | 96 32                |
| 20                         | ST 220014 ST 220014 | AM 120022  | ST 170074 | 6.9          |                 |                                     |              | 94 71                     | 99 70                    | 92 56             | 119 57              | 92 38                  | 93 54            | 98 66                    |                     |                   | 90 22                |
| 21                         | ST 220039 ST 220039 | GH 150004  | ST 190035 | 6.0          |                 |                                     |              | 96 72                     | 99 72                    | 88 63             | 124 71              | 93 37                  | 93 57            | 97 70                    | 107 25              | 93 51             | 100 42               |
| 22                         | ST 220041 ST 220041 | GH 150004  | ST 190024 | 5.8          |                 |                                     |              | 92 72                     | 112 70                   | 68 56             | 103 58              | 104 39                 | 96 55            | 93 66                    | 103 25              | 96 49             | 102 42               |
| 23                         | ST 220043 ST 220043 | GH 150004  | ST 190036 | 6.6          |                 |                                     |              | 106 72                    | 101 72                   | 84 64             | 123 71              | 85 36                  | 90 57            | 101 70                   | 106 24              | 90 50             | 101 42               |
| 24                         | ST 220102 ST 220102 | HBH 160026 | ST 180065 | 4.1          |                 |                                     |              | 92 72                     | 99 72                    | 99 64             | 103 71              | 97 34                  | 95 57            | 94 70                    | 105 20              | 95 50             | 104 32               |
| 25                         | ST 230030 ST 230030 | TT 170045  | CR 100093 | 5.9          |                 |                                     |              | 97 71                     | 96 72                    | 108 56            | 106 53              | 86 30                  | 91 52            | 100 66                   | 107 34              | 92 48             | 87 35                |
| 26                         | ST 230073 ST 230073 | GH 150004  | ST 160026 | 5.4          |                 |                                     |              | 112 71                    | 101 71                   | 77 59             | 109 58              | 102 34                 | 96 54            | 94 67                    | 103 26              | 96 48             | 104 41               |
| 27                         | ST 230120 ST 230120 | ST 160007  | R 080088  | 6.0          |                 |                                     |              | 91 71                     | 111 71                   | 93 56             | 94 53               | 85 30                  | 92 52            | 103 66                   |                     |                   | 97 10                |
| 28                         | ST 230126 ST 230126 | HBH 160026 | ST 190045 | 5.0          |                 |                                     |              | 93 69                     | 95 70                    | 104 56            | 102 57              | 98 30                  | 95 52            | 93 66                    | 109 20              | 95 46             | 99 33                |
| 29                         | ST 230140 ST 230140 | ST 180075  | AM 120066 | 6.9          |                 |                                     |              | 106 70                    | 109 72                   | 91 55             | 101 52              | 89 30                  | 97 52            | 108 66                   |                     |                   | 100 24               |
| 30                         | ST 230150 ST 230150 | HBH 160026 | ST 190017 | 5.8          |                 |                                     |              | 97 69                     | 104 68                   | 88 56             | 99 57               | 92 30                  | 91 51            | 94 64                    | 109 22              | 92 45             | 104 35               |
| 31                         | ST 230153 ST 230153 | TT 170045  | ST 180065 | 4.6          |                 |                                     |              | 91 69                     | 98 69                    | 118 53            | 97 54               | 91 28                  | 97 50            | 103 64                   | 100 32              | 96 46             | 92 31                |
| 32                         | ST 240022 ST 240022 | ADM 200045 | ST 190068 | 6.3          |                 |                                     |              | 101 65                    | 101 68                   | 94 47             | 112 46              | 87 22                  | 92 46            | 101 61                   | 110 20              | 93 41             | 97 34                |

Selection List on Cow Value

Cows 2 years and older

| ID<br>Name<br>Sorted on ID |            | Sire ID    | Dam ID     | % Inbreeding | Horned / Polled | Myostatin<br>nI821 F94L Q204X |  | Genomic test | Calving Ease Value<br>Acc | Calf Growth Value<br>Acc | Milk Value<br>Acc | Maint. Value<br>Acc | Fertility Value<br>Acc | Cow Value<br>Acc | Weaner Calf Value<br>Acc | Growth Value<br>Acc | Prod Value<br>Acc | Carcass Value<br>Acc |
|----------------------------|------------|------------|------------|--------------|-----------------|-------------------------------|--|--------------|---------------------------|--------------------------|-------------------|---------------------|------------------------|------------------|--------------------------|---------------------|-------------------|----------------------|
|                            |            |            |            |              |                 |                               |  |              | ★★★★                      |                          |                   |                     |                        |                  |                          |                     |                   |                      |
| 33                         | ST 240034  | ST 240034  | ADM 180052 | ST 210091    | 7.0             |                               |  |              | 8165                      | 11854                    | 11639             | 8641                | 7424                   | 9640             | 12051                    | 10624               | 9637              | 11124                |
| 34                         | ST 240048  | ST 240048  | ADM 200045 | ST 210045    | 5.6             |                               |  |              | 9565                      | 10955                    | 10241             | 9843                | 8622                   | 9741             | 11052                    | 11520               | 9937              | 10734                |
| 35                         | ST 240054  | ST 240054  | ADM 200045 | ST 210061    | 5.7             |                               |  |              | 9965                      | 11167                    | 9844              | 9944                | 8721                   | 9945             | 11259                    |                     |                   | 9930                 |
| 36                         | ST 240064  | ST 240064  | ADM 200045 | ST 220011    | 5.7             |                               |  |              | 9165                      | 10666                    | 11243             | 10244               | 8322                   | 9744             | 11259                    | 11226               | 9840              | 9734                 |
| 37                         | ST 240090  | ST 240090  | ST 180075  | ST 160050    | 8.2             |                               |  |              | 8468                      | 10870                    | 9353              | 9850                | 9630                   | 9650             | 9964                     |                     |                   | 10220                |
| 38                         | T 140139   | T 140139   | T 100032   | T 100025     | 3.6             |                               |  |              | 10881                     | 10378                    | 9682              | 11177               | 8738                   | 9564             | 10779                    |                     |                   | 10312                |
| 39                         | TTS 160034 | TTS 160034 | HBH 120014 | W 060052     | 7.3             |                               |  |              | 7973                      | 11074                    | 10476             | 9175                | 8542                   | 9362             | 10474                    | 9627                | 9155              | 9830                 |
| 40                         | TTS 160035 | TTS 160035 | HBH 120014 | T 130041     | 5.1             |                               |  |              | 9779                      | 10377                    | 9278              | 10977               | 9842                   | 9964             | 10077                    | 10725               | 9956              | 10928                |
| 41                         | TTS 170029 | TTS 170029 | E 120010   | AM 080026    | 5.2             |                               |  |              | 10877                     | 9967                     | 9074              | 10574               | 9430                   | 9356             | 9671                     |                     |                   | 10013                |
| 42                         | TTS 180027 | TTS 180027 | AM 120022  | GH 100158    | 3.4             |                               |  |              | 10576                     | 10076                    | 9375              | 11674               | 9138                   | 9562             | 10275                    | 10722               | 9554              | 10326                |
| 43                         | TTS 210021 | TTS 210021 | ADM 180052 | T 090052     | 8.9             |                               |  |              | 8272                      | 10771                    | 11263             | 8468                | 8326                   | 9154             | 10369                    | 9620                | 9047              | 10221                |
| 44                         | TTS 220012 | TTS 220012 | TT 170020  | TTS 190023   | 7.1             |                               |  |              | 10466                     | 9567                     | 9850              | 12250               | 9230                   | 9549             | 10062                    | 9534                | 9346              | 9036                 |
| 45                         | TTS 220016 | TTS 220016 | GH 150004  | TTS 190016   | 5.6             |                               |  |              | 10071                     | 10470                    | 7755              | 12658               | 9336                   | 9354             | 9966                     | 10325               | 9348              | 10242                |
| 46                         | TTS 220030 | TTS 220030 | TT 170045  | TTS 160039   | 7.0             |                               |  |              | 9471                      | 9672                     | 12261             | 10869               | 8834                   | 9956             | 10969                    | 10434               | 9952              | 10034                |
| 47                         | TTS 220041 | TTS 220041 | TT 170045  | TTS 150010   | 5.3             |                               |  |              | 10671                     | 8972                     | 12161             | 10668               | 8628                   | 9354             | 10269                    | 10934               | 9450              | 9932                 |
| 48                         | TTS 220042 | TTS 220042 | HBH 160026 | TTS 180008   | 7.0             |                               |  |              | 9772                      | 9871                     | 9258              | 11758               | 9133                   | 9154             | 9667                     | 10623               | 9248              | 10435                |
| 49                         | TTS 220054 | TTS 220054 | HBH 160026 | TTS 180031   | 6.8             |                               |  |              | 9571                      | 10871                    | 8462              | 9370                | 9132                   | 9055             | 9369                     | 10923               | 9149              | 10835                |
| 50                         | TTS 230011 | TTS 230011 | ADM 180052 | TTS 200023   | 6.5             |                               |  |              | 7865                      | 12566                    | 9745              | 8348                | 7924                   | 9446             | 11560                    | 10520               | 9441              | 10926                |
| 51                         | TTS 230042 | TTS 230042 | HBH 160026 | TTS 180007   | 6.6             |                               |  |              | 8969                      | 10469                    | 9156              | 10357               | 9532                   | 9352             | 9465                     | 10322               | 9346              | 10135                |
| 52                         | TTS 240016 | TTS 240016 | ADM 200045 | TTS 200032   | 6.2             |                               |  |              | 9664                      | 10855                    | 9541              | 10239               | 8922                   | 9540             | 10552                    | 11320               | 9736              | 10334                |
| 53                         | TTS 240018 | TTS 240018 | ST 200033  | TTS 210010   | 5.3             |                               |  |              | 9766                      | 11056                    | 9543              | 10242               | 8826                   | 9642             | 10853                    |                     |                   | 10226                |
| 54                         | TTS 240021 | TTS 240021 | ADM 200045 | TTS 210021   | 7.1             |                               |  |              | 7965                      | 11366                    | 10543             | 9443                | 8819                   | 9843             | 10959                    | 10421               | 9739              | 9632                 |
| 55                         | TTS 240022 | TTS 240022 | ST 160007  | TTS 180003   | 8.9             |                               |  |              | 8668                      | 10856                    | 9649              | 9952                | 8926                   | 9445             | 10256                    |                     |                   | 10412                |
| 56                         | TTS 240035 | TTS 240035 | ST 200033  | TTS 210018   | 5.3             |                               |  |              | 8365                      | 12466                    | 9445              | 8646                | 8226                   | 9746             | 11659                    |                     |                   | 10926                |
|                            |            |            |            |              |                 |                               |  |              | ★★★★☆                     |                          |                   |                     |                        |                  |                          |                     |                   |                      |
| 1                          | CR 100093  | CR100093   | CR 070038  | CR 070075    | 9.9             |                               |  |              | 10984                     | 9478                     | 7782              | 10473               | 10244                  | 8866             | 8179                     | 10226               | 8858              | 8334                 |
| 2                          | ST 150002  | ST 150002  | R 100021   | R 090017     | 5.2             |                               |  |              | 11879                     | 8778                     | 9982              | 10276               | 8541                   | 8265             | 8879                     |                     |                   | 6714                 |
| 3                          | ST 160043  | ST 160043  | R 090088   | T 090033     | 8.6             |                               |  |              | 11176                     | 7275                     | 10675             | 14076               | 9744                   | 8963             | 8575                     |                     |                   | 7814                 |

Selection List on Cow Value

Cows 2 years and older

| ID           |            | Name       | Sire ID    | Dam ID    | % Inbreeding | Horned / Polled | Myostatin nt821 F94L Q204X | Genomic test | Calving Ease Value | Calf Growth Value | Milk Value | Maint. Value | Fertility Value | Cow Value | Weaner Calf Value | Growth Value | Prod Value | Carcass Value |    |    |     |    |     |    |    |    |     |    |
|--------------|------------|------------|------------|-----------|--------------|-----------------|----------------------------|--------------|--------------------|-------------------|------------|--------------|-----------------|-----------|-------------------|--------------|------------|---------------|----|----|-----|----|-----|----|----|----|-----|----|
| Sorted on ID |            |            |            |           |              |                 |                            |              | Acc                | Acc               | Acc        | Acc          | Acc             | Acc       | Acc               | Acc          | Acc        | Acc           |    |    |     |    |     |    |    |    |     |    |
|              |            |            |            |           |              |                 |                            |              | ★★★☆☆              |                   |            |              |                 |           |                   |              |            |               |    |    |     |    |     |    |    |    |     |    |
| 4            | ST 160050  | ST 160050  | R 090088   | T 090054  | 6.5          |                 |                            |              | 102                | 78                | 78         | 77           | 85              | 79        | 124               | 77           | 101        | 44            | 81 | 65 | 70  | 77 |     |    |    | 75 | 14  |    |
| 5            | ST 180006  | ST 180006  | HBH 120014 | ST 150002 | 5.6          |                 |                            |              | 103                | 79                | 93         | 77           | 86              | 81        | 110               | 78           | 94         | 40            | 86 | 64 | 85  | 78 | 92  | 23 | 84 | 56 | 80  | 28 |
| 6            | ST 190008  | ST 190008  | E 120010   | XY 100014 | 4.8          |                 |                            |              | 96                 | 75                | 106        | 65           | 93              | 70        | 101               | 73           | 81         | 36            | 88 | 57 | 102 | 68 |     |    |    | 94 | 14  |    |
| 7            | ST 200070  | ST 200070  | HBH 160026 | ST 160048 | 5.1          |                 |                            |              | 91                 | 73                | 92         | 71           | 88              | 63        | 105               | 71           | 93         | 37            | 81 | 57 | 79  | 70 | 99  | 20 | 81 | 50 | 95  | 32 |
| 8            | ST 200073  | ST 200073  | HBH 160026 | ST 160038 | 5.4          |                 |                            |              | 97                 | 73                | 94         | 73           | 100             | 69        | 110               | 73           | 81         | 37            | 83 | 59 | 93  | 72 | 106 | 20 | 84 | 51 | 99  | 32 |
| 9            | ST 210029  | ST 210029  | GH 150004  | ST 180065 | 5.0          |                 |                            |              | 96                 | 74                | 95         | 71           | 84              | 58        | 110               | 59           | 94         | 37            | 85 | 55 | 85  | 68 | 101 | 23 | 85 | 49 | 89  | 39 |
| 10           | ST 210034  | ST 210034  | GH 150004  | ST 180041 | 5.7          |                 |                            |              | 105                | 70                | 102        | 71           | 76              | 58        | 124               | 59           | 87         | 36            | 87 | 55 | 97  | 67 | 102 | 23 | 87 | 49 | 98  | 38 |
| 11           | ST 210049  | ST 210049  | HBH 160026 | ST 160001 | 5.7          |                 |                            |              | 120                | 73                | 83         | 71           | 92              | 63        | 112               | 71           | 91         | 34            | 83 | 56 | 82  | 70 | 98  | 20 | 82 | 49 | 93  | 32 |
| 12           | ST 220018  | ST 220018  | TT 170045  | CR 090098 | 7.7          |                 |                            |              | 85                 | 72                | 89         | 72           | 107             | 56        | 131               | 66           | 86         | 33            | 89 | 55 | 96  | 68 | 89  | 32 | 86 | 50 | 85  | 32 |
| 13           | ST 220027  | ST 220027  | TT 170045  | AM 140016 | 6.2          |                 |                            |              | 99                 | 72                | 91         | 70           | 109             | 55        | 120               | 54           | 73         | 32            | 82 | 52 | 99  | 66 | 99  | 35 | 82 | 49 | 91  | 33 |
| 14           | ST 220046  | ST 220046  | GH 150004  | ST 190074 | 4.7          |                 |                            |              | 102                | 72                | 98         | 72           | 66              | 63        | 129               | 71           | 98         | 36            | 89 | 57 | 87  | 70 | 101 | 24 | 88 | 50 | 97  | 38 |
| 15           | ST 220047  | ST 220047  | GH 150004  | ST 190015 | 5.3          |                 |                            |              | 114                | 72                | 92         | 72           | 82              | 63        | 132               | 71           | 80         | 37            | 82 | 57 | 94  | 70 | 95  | 23 | 81 | 50 | 88  | 38 |
| 16           | ST 220092  | ST 220092  | GH 150004  | ST 190042 | 6.6          |                 |                            |              | 107                | 71                | 98         | 71           | 64              | 62        | 132               | 71           | 87         | 37            | 82 | 57 | 89  | 69 | 99  | 26 | 81 | 51 | 91  | 42 |
| 17           | ST 230002  | ST 230002  | HBH 160026 | ST 170077 | 4.4          |                 |                            |              | 90                 | 69                | 102        | 70           | 105             | 56        | 103               | 58           | 79         | 31            | 88 | 52 | 103 | 66 | 107 | 20 | 89 | 46 | 105 | 33 |
| 18           | ST 230026  | ST 230026  | HBH 160026 | R 110150  | 5.5          |                 |                            |              | 99                 | 71                | 105        | 71           | 98              | 58        | 103               | 57           | 70         | 30            | 83 | 53 | 104 | 67 | 95  | 22 | 82 | 47 | 98  | 32 |
| 19           | ST 230028  | ST 230028  | HBH 160026 | ST 180046 | 5.1          |                 |                            |              | 108                | 69                | 102        | 69           | 92              | 55        | 111               | 56           | 79         | 30            | 87 | 51 | 101 | 65 | 112 | 22 | 89 | 45 | 105 | 34 |
| 20           | ST 230064  | ST 230064  | GH 150004  | ST 160034 | 6.9          |                 |                            |              | 130                | 71                | 87         | 71           | 82              | 59        | 132               | 59           | 84         | 35            | 84 | 54 | 93  | 67 | 96  | 23 | 83 | 48 | 92  | 38 |
| 21           | ST 230076  | ST 230076  | GH 150004  | ST 160051 | 6.0          |                 |                            |              | 109                | 71                | 89         | 71           | 84              | 59        | 135               | 59           | 94         | 34            | 89 | 54 | 92  | 67 | 102 | 24 | 89 | 48 | 95  | 38 |
| 22           | ST 230084  | ST 230084  | HBH 160026 | ST 190008 | 4.2          |                 |                            |              | 92                 | 69                | 108        | 68           | 94              | 55        | 101               | 57           | 79         | 30            | 88 | 51 | 104 | 64 | 103 | 20 | 88 | 45 | 108 | 32 |
| 23           | ST 230086  | ST 230086  | GH 150004  | ST 150043 | 7.2          |                 |                            |              | 101                | 71                | 87         | 71           | 80              | 59        | 140               | 59           | 92         | 35            | 84 | 54 | 84  | 67 | 94  | 23 | 82 | 48 | 88  | 39 |
| 24           | ST 230087  | ST 230087  | GH 150004  | ST 150017 | 6.7          |                 |                            |              | 121                | 71                | 86         | 71           | 75              | 59        | 132               | 59           | 89         | 34            | 81 | 54 | 85  | 67 | 98  | 24 | 80 | 48 | 87  | 40 |
| 25           | ST 230089  | ST 230089  | GH 150004  | ST 150024 | 7.4          |                 |                            |              | 113                | 71                | 87         | 71           | 74              | 60        | 140               | 59           | 87         | 34            | 80 | 54 | 85  | 67 | 91  | 24 | 78 | 48 | 88  | 39 |
| 26           | ST 230104  | ST 230104  | GH 150004  | PC 160032 | 6.2          |                 |                            |              | 125                | 71                | 90         | 72           | 68              | 59        | 130               | 58           | 86         | 33            | 80 | 54 | 86  | 68 | 92  | 26 | 79 | 48 | 88  | 40 |
| 27           | ST 230106  | ST 230106  | GH 150004  | AM 150021 | 5.8          |                 |                            |              | 121                | 72                | 86         | 72           | 63              | 60        | 132               | 59           | 102        | 35            | 84 | 55 | 76  | 68 | 94  | 26 | 83 | 49 | 89  | 42 |
| 28           | ST 230121  | ST 230121  | GH 150004  | ST 150031 | 4.4          |                 |                            |              | 112                | 70                | 96         | 70           | 90              | 59        | 117               | 59           | 74         | 34            | 80 | 54 | 98  | 67 | 108 | 24 | 82 | 48 | 107 | 39 |
| 29           | ST 240010  | ST 240010  | GH 150004  | T 140139  | 3.6          |                 |                            |              | 127                | 71                | 95         | 72           | 76              | 60        | 128               | 59           | 79         | 34            | 82 | 55 | 96  | 68 | 97  | 24 | 81 | 49 | 99  | 38 |
| 30           | T 130053   | T 130053   | AM 070053  | T 08038W  | 3.9          |                 |                            |              | 75                 | 81                | 96         | 78           | 96              | 82        | 131               | 76           | 87         | 40            | 87 | 65 | 93  | 79 | 103 | 24 | 87 | 57 | 107 | 26 |
| 31           | TTS 140005 | TTS 140005 | H 030073   | W 060052  | 8.6          |                 |                            |              | 99                 | 79                | 98         | 78           | 98              | 81        | 97                | 77           | 84         | 47            | 85 | 66 | 95  | 79 | 98  | 32 | 85 | 59 | 90  | 36 |
| 32           | TTS 150017 | TTS 150017 | HBH 120014 | H 030056  | 5.1          |                 |                            |              | 78                 | 78                | 95         | 76           | 99              | 78        | 115               | 75           | 88         | 42            | 85 | 64 | 89  | 76 | 99  | 26 | 85 | 56 | 88  | 28 |
| 33           | TTS 160032 | 160032     | HBH 120014 | T 090063  | 5.6          |                 |                            |              | 88                 | 76                | 111        | 73           | 87              | 73        | 85                | 73           | 90         | 41            | 89 | 61 | 96  | 73 | 97  | 25 | 88 | 54 | 98  | 28 |

Selection List on Cow Value

Cows 2 years and older

| ID           | Name       | Sire ID    | Dam ID     | % Inbreeding | Horned / Polled | Myostatin | Genomic test | Calving Ease Value | Calf Growth Value | Milk Value | Maint. Value | Fertility Value | Cow Value | Weaner Calf Value | Growth Value | Prod Value | Carcass Value |
|--------------|------------|------------|------------|--------------|-----------------|-----------|--------------|--------------------|-------------------|------------|--------------|-----------------|-----------|-------------------|--------------|------------|---------------|
| Sorted on ID |            |            |            |              |                 | nt821     | F94L         | Q204X              |                   |            |              |                 |           |                   |              |            |               |
|              |            |            |            |              |                 |           |              |                    |                   |            |              |                 |           |                   |              |            |               |
|              |            |            |            |              |                 |           |              |                    |                   |            |              |                 |           |                   |              |            |               |
| 34           | TTS 170003 | TTS 170003 | AM 080081  | FF 120005    | 5.2             |           |              |                    |                   |            |              |                 |           |                   |              |            |               |
| 35           | TTS 180022 | TTS 180022 | HBH 120014 | T 140023     | 7.7             |           |              |                    |                   |            |              |                 |           |                   |              |            |               |
| 36           | TTS 190023 | TTS 190023 | R 090088   | T 090019     | 7.4             |           |              |                    |                   |            |              |                 |           |                   |              |            |               |
| 37           | TTS 210010 | TTS 210010 | GH 150004  | TTS 180019   | 6.0             |           |              |                    |                   |            |              |                 |           |                   |              |            |               |
| 38           | TTS 220057 | TTS 220057 | HBH 160026 | TTS 180022   | 7.7             |           |              |                    |                   |            |              |                 |           |                   |              |            |               |
| 39           | TTS 230004 | TTS 230004 | GH 150004  | TTS 200014   | 6.7             |           |              |                    |                   |            |              |                 |           |                   |              |            |               |
| 40           | TTS 230032 | TTS 230032 | GH 150004  | TTS 150013   | 6.2             |           |              |                    |                   |            |              |                 |           |                   |              |            |               |
| 41           | TTS 240015 | TTS 240015 | GH 150004  | ST 150023    | 5.2             |           |              |                    |                   |            |              |                 |           |                   |              |            |               |
|              |            |            |            |              |                 |           |              |                    |                   |            |              |                 |           |                   |              |            |               |
|              |            |            |            |              |                 |           |              |                    |                   |            |              |                 |           |                   |              |            |               |
| 1            | JDV 140024 | JDV 140024 | AM 080069  | AM 080026    | 8.2             |           |              |                    |                   |            |              |                 |           |                   |              |            |               |
| 2            | ST 150012  | ST 150012  | R 100021   | R 100303     | 6.6             |           |              |                    |                   |            |              |                 |           |                   |              |            |               |
| 3            | ST 170043  | ST 170043  | R 090088   | R 060022     | 18.9            |           |              |                    |                   |            |              |                 |           |                   |              |            |               |
| 4            | ST 220040  | ST 220040  | GH 150004  | ST 190068    | 6.1             |           |              |                    |                   |            |              |                 |           |                   |              |            |               |
| 5            | ST 240003  | ST 240003  | GH 150004  | T 130053     | 6.5             |           |              |                    |                   |            |              |                 |           |                   |              |            |               |
| 6            | ST 240006  | ST 240006  | GH 150004  | FF 140034    | 4.4             |           |              |                    |                   |            |              |                 |           |                   |              |            |               |
| 7            | TTS 170020 | TTS 170020 | E 120010   | T 130037     | 3.6             |           |              |                    |                   |            |              |                 |           |                   |              |            |               |
| 8            | TTS 220008 | TTS 220008 | TT 170045  | FF 120005    | 4.5             |           |              |                    |                   |            |              |                 |           |                   |              |            |               |

# Selection List on Cow Value

## Bull calves younger than 2 years

| ID<br>Sorted on ID | Name       | Sire ID    | Dam ID     | Visual Score<br>% Inbreeding | Horned /<br>Polled | Myostatin<br>nt821<br>F94L<br>Q204X | Genomic test | Calving<br>Ease<br>Value<br>Acc | Calf<br>Growth<br>Value<br>Acc | Milk<br>Value<br>Acc | Maint.<br>Value<br>Acc | Fertility<br>Value<br>Acc | Cow<br>Value<br>Acc | Weaner<br>Calf<br>Value<br>Acc | Growth<br>Value<br>Acc | Prod<br>Value<br>Acc | Carcass<br>Value<br>Acc |
|--------------------|------------|------------|------------|------------------------------|--------------------|-------------------------------------|--------------|---------------------------------|--------------------------------|----------------------|------------------------|---------------------------|---------------------|--------------------------------|------------------------|----------------------|-------------------------|
|                    |            |            |            |                              |                    |                                     |              | ★★★★★                           |                                |                      |                        |                           |                     |                                |                        |                      |                         |
| 1                  | ST 250011  | ST 250011  | TTS 190014 | TTS 150010                   | 10.8               |                                     |              | 112 68                          | 118 60                         | 87 52                | 96 48                  | 117 26                    | 122 46              | 116 58                         |                        |                      | 112 22                  |
| 2                  | ST 250079  | ST 250079  | HBH 210009 | ST 180049                    | 5.6                |                                     |              | 87 67                           | 118 67                         | 112 48               | 87 48                  | 109 31                    | 121 49              | 121 61                         | 112 22                 | 120 44               | 124 34                  |
| 3                  | ST 250104  | ST 250104  | GH 210010  | TTS 150024                   | 5.2                |                                     |              | 94 69                           | 115 70                         | 96 51                | 88 48                  | 133 27                    | 129 49              | 109 64                         |                        |                      | 105 24                  |
| 4                  | ST 250109  | ST 250109  | TTS 190014 | ST 210079                    | 9.9                |                                     |              | 102 66                          | 121 68                         | 84 45                | 91 45                  | 118 23                    | 120 46              | 113 60                         |                        |                      | 116 22                  |
| 5                  | ST 250126  | ST 250126  | HBH 210009 | ST 170014                    | 4.6                |                                     |              | 93 67                           | 116 57                         | 118 49               | 87 48                  | 105 32                    | 120 46              | 123 56                         | 118 23                 | 121 41               | 129 34                  |
|                    |            |            |            |                              |                    |                                     |              | ★★★★★                           |                                |                      |                        |                           |                     |                                |                        |                      |                         |
| 1                  | ST 250100  | ST 250100  | HBH 210009 | ST 180048                    | 4.7                |                                     |              | 85 64                           | 116 56                         | 113 48               | 92 47                  | 101 30                    | 115 45              | 120 55                         | 114 22                 | 115 40               | 122 34                  |
| 2                  | ST 250110  | ST 250110  | HBH 210009 | ST 170050                    | 4.5                |                                     |              | 96 67                           | 103 68                         | 123 50               | 99 48                  | 104 30                    | 115 49              | 115 62                         | 112 22                 | 114 44               | 123 34                  |
| 3                  | ST 250115  | ST 250115  | HBH 210009 | ST 170001                    | 4.2                |                                     |              | 106 67                          | 111 68                         | 104 51               | 97 48                  | 106 30                    | 115 49              | 116 62                         | 102 23                 | 113 44               | 118 34                  |
| 4                  | ST 250119  | ST 250119  | GH 210010  | ST 160030                    | 6.1                |                                     |              | 102 68                          | 105 69                         | 101 51               | 89 49                  | 112 30                    | 110 50              | 103 63                         |                        |                      | 113 18                  |
| 5                  | ST 250129  | ST 250129  | ST 180075  | T 140060                     | 6.4                |                                     |              | 105 69                          | 107 60                         | 103 52               | 96 50                  | 111 29                    | 115 47              | 109 59                         |                        |                      | 109 23                  |
| 6                  | ST 250130  | ST 250130  | HBH 210009 | ST 180065                    | 4.4                |                                     |              | 85 67                           | 114 57                         | 109 48               | 85 48                  | 114 30                    | 118 45              | 111 56                         | 104 22                 | 116 40               | 110 33                  |
| 7                  | ST 260004  | ST 260004  | ST 200033  | ST 200053                    | 5.0                |                                     |              | 84 63                           | 123 57                         | 105 46               | 92 47                  | 94 26                     | 111 43              | 123 55                         |                        |                      | 111 22                  |
| 8                  | ST 260007  | ST 260007  | ST 200033  | ST 200002                    | 12.6               |                                     |              | 85 67                           | 121 58                         | 102 49               | 97 48                  | 97 28                     | 111 45              | 120 56                         |                        |                      | 115 18                  |
| 9                  | TTS 250038 | TTS 250038 | TTS 190014 | TTS 180005                   | 6.5                |                                     |              | 112 66                          | 110 58                         | 83 49                | 105 47                 | 116 25                    | 115 44              | 106 56                         |                        |                      | 105 24                  |
| 10                 | TTS 250039 | TTS 250039 | TTS 190014 | TTS 210010                   | 6.1                |                                     |              | 105 65                          | 115 58                         | 81 43                | 102 41                 | 113 24                    | 114 42              | 108 54                         |                        |                      | 106 28                  |
|                    |            |            |            |                              |                    |                                     |              | ★★★★★                           |                                |                      |                        |                           |                     |                                |                        |                      |                         |
| 1                  | ST 250016  | ST 250016  | ST 200008  | T 140139                     | 4.3                |                                     |              | 106 69                          | 99 71                          | 105 53               | 106 49                 | 94 26                     | 100 50              | 105 65                         |                        |                      | 106 10                  |
| 2                  | ST 250037  | ST 250037  | ST 200033  | ST 220102                    | 4.2                |                                     |              | 78 66                           | 115 67                         | 105 46               | 95 46                  | 89 26                     | 101 47              | 112 60                         |                        |                      | 108 22                  |
| 3                  | ST 250045  | ST 250045  | ST 200033  | ST 220115                    | 8.4                |                                     |              | 104 66                          | 118 67                         | 106 45               | 87 46                  | 84 26                     | 104 47              | 121 60                         |                        |                      | 119 23                  |
| 4                  | ST 250046  | ST 250046  | ADM 210028 | ST 220014                    | 5.5                |                                     |              | 95 65                           | 109 56                         | 86 42                | 99 40                  | 102 26                    | 100 42              | 99 53                          | 124 21                 | 104 38               | 113 33                  |
| 5                  | ST 250048  | ST 250048  | ST 200033  | ST 220024                    | 10.7               |                                     |              | 87 65                           | 120 56                         | 99 43                | 104 46                 | 85 27                     | 103 43              | 121 54                         |                        |                      | 104 20                  |
| 6                  | ST 250081  | ST 250081  | ADM 210028 | ST 200024                    | 6.6                |                                     |              | 99 67                           | 101 68                         | 92 49                | 107 47                 | 104 27                    | 101 48              | 97 62                          | 123 20                 | 104 42               | 112 32                  |
| 7                  | ST 250088  | ST 250088  | GH 210010  | ST 150024                    | 8.5                |                                     |              | 105 68                          | 96 68                          | 95 52                | 105 48                 | 114 27                    | 105 49              | 94 62                          |                        |                      | 95 16                   |
| 8                  | ST 250108  | ST 250108  | HBH 210009 | TTS 140002                   | 5.1                |                                     |              | 89 67                           | 108 69                         | 95 51                | 95 47                  | 111 29                    | 108 49              | 102 63                         | 100 24                 | 106 44               | 107 35                  |
| 9                  | ST 250118  | ST 250118  |            | ST 170086                    | 0.0                |                                     |              | 95 59                           | 115 59                         | 110 40               | 84 37                  | 85 20                     | 101 40              | 117 53                         |                        |                      | 113 8                   |
| 10                 | ST 250121  | ST 250121  | GH 210010  | ST 160034                    | 8.2                |                                     |              | 110 68                          | 98 58                          | 104 50               | 98 49                  | 110 28                    | 109 46              | 102 57                         |                        |                      | 98 15                   |
| 11                 | ST 250122  | ST 250122  | ST 200008  | ST 180022                    | 6.0                |                                     |              | 99 68                           | 97 58                          | 106 50               | 101 49                 | 105 28                    | 103 46              | 99 57                          |                        |                      | 96 12                   |

# Selection List on Cow Value

## Bull calves younger than 2 years

| ID<br><div>Sorted on ID</div> | Name       | Sire ID    | Dam ID     | Visual Score<br>% Inbreeding | Horned /<br>Polled | Myostatin<br>nt821<br>F94L<br>Q204X | Genomic test | Calving<br>Ease<br>Value<br><div>Acc</div> | Calf<br>Growth<br>Value<br><div>Acc</div> | Milk<br>Value<br><div>Acc</div> | Maint.<br>Value<br><div>Acc</div> | Fertility<br>Value<br><div>Acc</div> | Cow<br>Value<br><div>Acc</div> | Weaner<br>Calf<br>Value<br><div>Acc</div> | Growth<br>Value<br><div>Acc</div> | Prod<br>Value<br><div>Acc</div> | Carcass<br>Value<br><div>Acc</div> |     |    |     |    |     |    |     |    |     |    |
|-------------------------------|------------|------------|------------|------------------------------|--------------------|-------------------------------------|--------------|--------------------------------------------|-------------------------------------------|---------------------------------|-----------------------------------|--------------------------------------|--------------------------------|-------------------------------------------|-----------------------------------|---------------------------------|------------------------------------|-----|----|-----|----|-----|----|-----|----|-----|----|
|                               |            |            |            |                              |                    |                                     |              | ★★★★☆                                      |                                           |                                 |                                   |                                      |                                |                                           |                                   |                                 |                                    |     |    |     |    |     |    |     |    |     |    |
| 12                            | ST 250125  | ST 250125  | ST 180075  | AM 150021                    | 6.2                |                                     |              | 105                                        | 70                                        | 109                             | 61                                | 83                                   | 54                             | 101                                       | 51                                | 113                             | 30                                 | 109 | 48 | 103 | 60 | 112 | 20 | 110 | 42 | 107 | 26 |
| 13                            | ST 260003  | ST 260003  | ST 200033  | ST 200039                    | 11.7               |                                     |              | 84                                         | 66                                        | 119                             | 57                                | 106                                  | 47                             | 91                                        | 47                                | 91                              | 28                                 | 107 | 45 | 119 | 55 |     |    |     |    | 114 | 18 |
| 14                            | ST 260005  | ST 260005  | ST 200033  | ST 200045                    | 13.4               |                                     |              | 87                                         | 66                                        | 121                             | 57                                | 111                                  | 47                             | 92                                        | 47                                | 87                              | 28                                 | 108 | 45 | 125 | 55 |     |    |     |    | 109 | 20 |
| 15                            | ST 260006  | ST 260006  | ST 200033  | ST 170083                    | 4.1                |                                     |              | 106                                        | 66                                        | 116                             | 58                                | 104                                  | 50                             | 95                                        | 48                                | 87                              | 27                                 | 106 | 45 | 122 | 56 |     |    |     |    | 109 | 16 |
| 16                            | ST 260008  | ST 260008  | ST 200033  | ST 210121                    | 5.2                |                                     |              | 86                                         | 65                                        | 120                             | 57                                | 106                                  | 45                             | 97                                        | 41                                | 82                              | 25                                 | 103 | 43 | 122 | 54 |     |    |     |    | 106 | 20 |
| 17                            | TTS 250007 | TTS 250007 | ST 200008  | TTS 160035                   | 5.6                |                                     |              | 101                                        | 67                                        | 103                             | 59                                | 101                                  | 51                             | 101                                       | 49                                | 100                             | 28                                 | 103 | 46 | 104 | 57 |     |    |     |    | 112 | 18 |
| 18                            | TTS 250009 | TTS 250009 | ST 200008  | TTS 190002                   | 6.4                |                                     |              | 96                                         | 65                                        | 116                             | 69                                | 88                                   | 51                             | 94                                        | 48                                | 99                              | 26                                 | 104 | 48 | 108 | 62 |     |    |     |    | 109 | 18 |
| 19                            | TTS 250014 | TTS 250014 | ST 200033  | TTS 220041                   | 5.5                |                                     |              | 92                                         | 65                                        | 110                             | 66                                | 114                                  | 45                             | 94                                        | 45                                | 84                              | 24                                 | 101 | 45 | 117 | 59 | 108 | 21 | 101 | 40 | 107 | 22 |
| 20                            | TTS 250021 | TTS 250021 | ST 200033  | TTS 220016                   | 5.0                |                                     |              | 82                                         | 65                                        | 119                             | 56                                | 94                                   | 42                             | 103                                       | 41                                | 87                              | 26                                 | 100 | 42 | 115 | 53 |     |    |     |    | 106 | 26 |
| 21                            | TTS 250029 | TTS 250029 | ST 200008  | TTS 200032                   | 5.3                |                                     |              | 88                                         | 67                                        | 108                             | 57                                | 104                                  | 44                             | 98                                        | 42                                | 93                              | 26                                 | 101 | 43 | 107 | 54 |     |    |     |    | 114 | 20 |
| 22                            | TTS 250041 | TTS 250041 | ST 180075  | TTS 150018                   | 7.6                |                                     |              | 115                                        | 67                                        | 111                             | 59                                | 87                                   | 51                             | 108                                       | 48                                | 91                              | 28                                 | 102 | 46 | 114 | 57 |     |    |     |    | 109 | 22 |
| 23                            | TTS 260002 | TTS 260002 | ADM 210028 | TTS 200008                   | 5.4                |                                     |              | 91                                         | 57                                        | 115                             | 57                                | 86                                   | 47                             | 87                                        | 47                                | 111                             | 24                                 | 108 | 42 | 101 | 54 | 135 | 22 | 113 | 38 | 127 | 36 |
|                               |            |            |            |                              |                    |                                     |              | ★★★★                                       |                                           |                                 |                                   |                                      |                                |                                           |                                   |                                 |                                    |     |    |     |    |     |    |     |    |     |    |
| 1                             | ST 250047  | ST 250047  | ADM 210028 | ST 200093                    | 4.8                |                                     |              | 93                                         | 66                                        | 114                             | 67                                | 86                                   | 47                             | 100                                       | 46                                | 93                              | 26                                 | 98  | 47 | 105 | 60 | 125 | 21 | 102 | 42 | 119 | 33 |
| 2                             | ST 250050  | ST 250050  | ST 200033  | ST 220018                    | 5.6                |                                     |              | 78                                         | 65                                        | 110                             | 57                                | 109                                  | 42                             | 106                                       | 44                                | 84                              | 25                                 | 97  | 42 | 112 | 54 | 97  | 20 | 95  | 38 | 97  | 22 |
| 3                             | ST 250062  | ST 250062  | ST 180075  | XY 100014                    | 6.4                |                                     |              | 113                                        | 68                                        | 107                             | 61                                | 88                                   | 55                             | 100                                       | 51                                | 89                              | 28                                 | 96  | 48 | 105 | 60 | 107 | 20 | 96  | 42 | 108 | 23 |
| 4                             | ST 250065  | ST 250065  | ST 200033  | ST 220085                    | 5.1                |                                     |              | 98                                         | 66                                        | 107                             | 67                                | 104                                  | 46                             | 92                                        | 46                                | 87                              | 26                                 | 96  | 47 | 107 | 60 |     |    |     |    | 104 | 22 |
| 5                             | ST 260009  | ST 260009  | ST 200033  | ST 210023                    | 5.2                |                                     |              | 78                                         | 65                                        | 112                             | 55                                | 107                                  | 47                             | 95                                        | 47                                | 88                              | 24                                 | 99  | 43 | 110 | 54 |     |    |     |    | 105 | 22 |
| 6                             | TTS 250013 | TTS 250013 | ST 200033  | TTS 220057                   | 4.9                |                                     |              | 94                                         | 65                                        | 112                             | 56                                | 98                                   | 43                             | 97                                        | 41                                | 82                              | 24                                 | 94  | 42 | 110 | 53 |     |    |     |    | 108 | 23 |
| 7                             | TTS 250018 | TTS 250018 | ST 200033  | TTS 220054                   | 4.4                |                                     |              | 93                                         | 65                                        | 108                             | 65                                | 98                                   | 45                             | 96                                        | 46                                | 87                              | 24                                 | 94  | 45 | 104 | 59 |     |    |     |    | 107 | 24 |
|                               |            |            |            |                              |                    |                                     |              | ★★★★☆                                      |                                           |                                 |                                   |                                      |                                |                                           |                                   |                                 |                                    |     |    |     |    |     |    |     |    |     |    |
| 1                             | ST 250029  | ST 250029  | ST 200033  | ST 220040                    | 4.8                |                                     |              | 101                                        | 66                                        | 98                              | 66                                | 92                                   | 45                             | 125                                       | 46                                | 82                              | 26                                 | 88  | 46 | 101 | 60 |     |    |     |    | 93  | 26 |
| 2                             | ST 250106  | ST 250106  | GH 150004  | ST 170070                    | 6.8                |                                     |              | 109                                        | 70                                        | 102                             | 70                                | 77                                   | 58                             | 118                                       | 58                                | 80                              | 36                                 | 83  | 54 | 96  | 66 | 103 | 25 | 83  | 48 | 103 | 40 |
|                               |            |            |            |                              |                    |                                     |              | ★★★                                        |                                           |                                 |                                   |                                      |                                |                                           |                                   |                                 |                                    |     |    |     |    |     |    |     |    |     |    |
| 1                             | TTS 250003 | TTS 250003 | GH 150004  | TTS 180022                   | 6.4                |                                     |              | 100                                        | 69                                        | 107                             | 71                                | 67                                   | 58                             | 119                                       | 58                                | 79                              | 34                                 | 79  | 54 | 94  | 67 | 98  | 26 | 79  | 48 | 103 | 41 |

Selection List on Cow Value

Heifers younger than 2 years

| ID           | Name       | Sire ID    | Dam ID     | Visual Score | Horned / Polled | Myostatin | Genomic test | Calving Ease Value | Calf Growth Value | Milk Value | Maint. Value | Fertility Value | Cow Value | Weaner Calf Value | Growth Value | Prod Value | Carcass Value |    |     |    |     |    |     |    |     |    |     |    |
|--------------|------------|------------|------------|--------------|-----------------|-----------|--------------|--------------------|-------------------|------------|--------------|-----------------|-----------|-------------------|--------------|------------|---------------|----|-----|----|-----|----|-----|----|-----|----|-----|----|
| Sorted on ID |            |            |            | % Inbreeding |                 | nt821     | F94L         | Q204X              |                   | Acc        | Acc          | Acc             | Acc       | Acc               | Acc          | Acc        | Acc           |    |     |    |     |    |     |    |     |    |     |    |
|              |            |            |            |              |                 |           |              |                    |                   |            |              | ★★★★★           |           |                   |              |            |               |    |     |    |     |    |     |    |     |    |     |    |
| 1            | TTS 250001 | TTS 250001 | TTS 190014 | TTS 190026   | 19.5            |           |              |                    | 115               | 66         | 130          | 69              | 83        | 49                | 85           | 46         | 127           | 24 | 135 | 47 | 126 | 62 |     |    | 121 | 26 |     |    |
|              |            |            |            |              |                 |           |              |                    |                   |            |              | ★★★★★☆          |           |                   |              |            |               |    |     |    |     |    |     |    |     |    |     |    |
| 1            | ST 250060  | ST 250060  | GH 210010  | ST 160026    | 7.0             |           |              |                    | 97                | 68         | 104          | 69              | 101       | 51                | 91           | 47         | 129           | 26 | 121 | 48 | 101 | 63 |     |    | 104 | 20 |     |    |
| 2            | ST 250078  | ST 250078  | HBH 210009 | ST 170042    | 5.2             |           |              |                    | 106               | 67         | 115          | 68              | 112       | 50                | 90           | 49         | 106           | 32 | 121 | 50 | 124 | 62 | 112 | 24 | 120 | 45 | 121 | 35 |
| 3            | ST 250102  | ST 250102  | HBH 210009 | ST 190013    | 5.4             |           |              |                    | 89                | 67         | 123          | 66              | 105       | 49                | 85           | 48         | 107           | 29 | 120 | 48 | 123 | 61 | 111 | 22 | 120 | 43 | 124 | 34 |
| 4            | TTS 250040 | TTS 250040 | GH 210010  | TTS 150011   | 4.9             |           |              |                    | 103               | 67         | 115          | 58              | 93        | 51                | 95           | 49         | 122           | 28 | 124 | 46 | 113 | 57 |     |    | 114 | 18 |     |    |
|              |            |            |            |              |                 |           |              |                    |                   |            |              | ★★★★★           |           |                   |              |            |               |    |     |    |     |    |     |    |     |    |     |    |
| 1            | ST 250007  | ST 250007  | TTS 190014 | ST 180077    | 8.9             |           |              |                    | 103               | 67         | 119          | 68              | 89        | 50                | 98           | 46         | 104           | 26 | 113 | 48 | 116 | 62 |     |    | 109 | 22 |     |    |
| 2            | ST 250009  | ST 250009  | TTS 190014 | ST 170011    | 8.5             |           |              |                    | 114               | 68         | 116          | 70              | 91        | 51                | 96           | 47         | 107           | 26 | 116 | 49 | 116 | 63 |     |    | 113 | 22 |     |    |
| 3            | ST 250025  | ST 250025  | GH 210010  | ST 150032    | 8.0             |           |              |                    | 85                | 67         | 100          | 69              | 101       | 51                | 104          | 48         | 118           | 28 | 110 | 49 | 96  | 63 |     |    | 89  | 15 |     |    |
| 4            | ST 250027  | ST 250027  | ST 200033  | ST 220106    | 7.9             |           |              |                    | 88                | 66         | 123          | 66              | 108       | 46                | 91           | 46         | 93            | 26 | 112 | 46 | 125 | 60 |     |    | 115 | 20 |     |    |
| 5            | ST 250028  | ST 250028  | ST 200033  | ST 220031    | 9.6             |           |              |                    | 81                | 65         | 132          | 65              | 104       | 43                | 85           | 44         | 88            | 24 | 112 | 45 | 131 | 58 |     |    | 117 | 18 |     |    |
| 6            | ST 250039  | ST 250039  | TTS 190014 | ST 210120    | 4.8             |           |              |                    | 118               | 66         | 118          | 68              | 102       | 45                | 86           | 45         | 104           | 24 | 119 | 46 | 124 | 60 | 107 | 22 | 118 | 41 | 112 | 26 |
| 7            | ST 250055  | ST 250055  | ADM 210028 | ST 210058    | 6.1             |           |              |                    | 91                | 66         | 115          | 67              | 92        | 44                | 84           | 45         | 114           | 25 | 112 | 46 | 105 | 60 | 131 | 20 | 116 | 41 | 123 | 32 |
| 8            | ST 250074  | ST 250074  | ST 200008  | ST 180019    | 5.4             |           |              |                    | 83                | 68         | 113          | 68              | 102       | 49                | 94           | 48         | 106           | 26 | 110 | 48 | 109 | 62 |     |    | 111 | 10 |     |    |
| 9            | ST 250076  | ST 250076  | ST 200008  | ST 180071    | 18.1            |           |              |                    | 86                | 68         | 120          | 69              | 106       | 51                | 91           | 48         | 101           | 28 | 114 | 49 | 120 | 63 |     |    | 114 | 14 |     |    |
| 10           | ST 250095  | ST 250095  | TTS 190014 | ST 210049    | 5.7             |           |              |                    | 119               | 66         | 112          | 68              | 83        | 46                | 92           | 45         | 111           | 24 | 112 | 46 | 107 | 61 |     |    | 111 | 26 |     |    |
| 11           | ST 250096  | ST 250096  | ST 200008  | ST 190059    | 5.2             |           |              |                    | 109               | 68         | 102          | 68              | 98        | 51                | 103          | 48         | 115           | 27 | 113 | 48 | 104 | 62 |     |    | 106 | 18 |     |    |
| 12           | ST 250098  | ST 250098  | HBH 210009 | ST 180005    | 11.1            |           |              |                    | 95                | 67         | 114          | 68              | 96        | 50                | 90           | 48         | 116           | 30 | 117 | 49 | 109 | 62 | 103 | 24 | 115 | 44 | 112 | 36 |
| 13           | ST 250111  | ST 250111  | GH 210010  | ST 160051    | 7.4             |           |              |                    | 93                | 67         | 104          | 69              | 104       | 51                | 99           | 48         | 120           | 28 | 117 | 49 | 104 | 63 |     |    | 104 | 15 |     |    |
| 14           | ST 250112  | ST 250112  | ST 180075  | T 110118     | 6.8             |           |              |                    | 94                | 70         | 118          | 71              | 99        | 55                | 101          | 50         | 97            | 29 | 111 | 51 | 119 | 65 |     |    | 114 | 22 |     |    |
| 15           | ST 250114  | ST 250114  | HBH 210009 | ST 170023    | 4.4             |           |              |                    | 95                | 67         | 116          | 68              | 113       | 50                | 98           | 48         | 100           | 31 | 117 | 49 | 125 | 62 | 114 | 24 | 117 | 44 | 121 | 34 |
| 16           | ST 250123  | ST 250123  | TTS 190014 | ST 210029    | 4.9             |           |              |                    | 108               | 66         | 110          | 58              | 82        | 43                | 99           | 41         | 113           | 24 | 110 | 42 | 102 | 54 |     |    | 102 | 28 |     |    |
| 17           | ST 250124  | ST 250124  | ADM 210028 | ST 200017    | 4.8             |           |              |                    | 94                | 67         | 116          | 57              | 93        | 48                | 86           | 47         | 112           | 26 | 113 | 44 | 107 | 56 | 130 | 20 | 117 | 39 | 125 | 32 |
| 18           | ST 250127  | ST 250127  | ADM 210028 | ST 200092    | 5.0             |           |              |                    | 93                | 67         | 117          | 57              | 95        | 47                | 90           | 47         | 116           | 27 | 119 | 44 | 112 | 55 | 138 | 22 | 124 | 40 | 129 | 32 |
| 19           | ST 250128  | ST 250128  | TTS 190014 | ST 210026    | 5.1             |           |              |                    | 115               | 66         | 111          | 58              | 77        | 43                | 104          | 41         | 114           | 24 | 112 | 42 | 106 | 54 |     |    | 108 | 28 |     |    |
| 20           | TTS 250005 | TTS 250005 | ST 180075  | TTS 200005   | 17.3            |           |              |                    | 94                | 67         | 124          | 69              | 96        | 51                | 90           | 50         | 95            | 29 | 110 | 49 | 120 | 63 |     |    | 123 | 22 |     |    |
| 21           | TTS 250027 | TTS 250027 | ST 200008  | TTS 180019   | 6.4             |           |              |                    | 94                | 67         | 103          | 67              | 107       | 50                | 97           | 48         | 110           | 28 | 110 | 48 | 103 | 61 |     |    | 105 | 16 |     |    |

Selection List on Cow Value

Heifers younger than 2 years

| ID<br>Sorted on ID |            |            | Name       | Sire ID    | Dam ID | Visual Score | % Inbreeding | Horned / Polled | Myostatin | Genomic test | Calving Ease Value | Calf Growth Value | Milk Value | Maint. Value | Fertility Value | Cow Value | Weaner Calf Value | Growth Value | Prod Value | Carcass Value |     |    |     |    |     |    |     |     |     |    |
|--------------------|------------|------------|------------|------------|--------|--------------|--------------|-----------------|-----------|--------------|--------------------|-------------------|------------|--------------|-----------------|-----------|-------------------|--------------|------------|---------------|-----|----|-----|----|-----|----|-----|-----|-----|----|
|                    |            |            |            |            |        |              |              |                 | nt821     | F94L         | Q204X              |                   | Acc        | Acc          | Acc             | Acc       | Acc               | Acc          | Acc        | Acc           | Acc |    |     |    |     |    |     |     |     |    |
|                    |            |            |            |            |        |              |              |                 | ★★★★      |              |                    |                   |            |              |                 |           |                   |              |            |               |     |    |     |    |     |    |     |     |     |    |
| 22                 | TTS 250042 | TTS 250042 | ST 200008  | TTS 190030 | 5.6    |              |              |                 |           |              | 102                | 66                | 106        | 57           | 96              | 48        | 100               | 47           | 116        | 26            | 115 | 44 | 105 | 55 |     |    |     | 111 | 20  |    |
| 23                 | TTS 260004 | TTS 260004 | TTS 190014 | TTS 160035 | 6.4    |              |              |                 |           |              | 108                | 59                | 114        | 60           | 86              | 51        | 99                | 48           | 116        | 27            | 117 | 45 | 110 | 57 |     |    |     | 112 | 24  |    |
|                    |            |            |            |            |        |              |              |                 | ★★★★☆     |              |                    |                   |            |              |                 |           |                   |              |            |               |     |    |     |    |     |    |     |     |     |    |
| 1                  | ST 250010  | ST 250010  | TTS 190014 | ST 150036  | 5.7    |              |              |                 |           |              | 104                | 68                | 112        | 70           | 88              | 51        | 95                | 48           | 108        | 27            | 109 | 49 | 106 | 63 |     |    |     | 102 | 22  |    |
| 2                  | ST 250014  | ST 250014  | ADM 200045 | ST 210121  | 6.2    |              |              |                 |           |              | 91                 | 65                | 121        | 67           | 97              | 44        | 100               | 39           | 87         | 21            | 105 | 44 | 121 | 59 | 110 | 20 | 105 | 39  | 102 | 32 |
| 3                  | ST 250021  | ST 250021  | ST 200008  | ST 180047  | 18.1   |              |              |                 |           |              | 88                 | 67                | 111        | 69           | 104             | 51        | 91                | 48           | 98         | 28            | 104 | 49 | 108 | 63 |     |    |     | 111 | 14  |    |
| 4                  | ST 250022  | ST 250022  | ST 200008  | ST 180012  | 6.4    |              |              |                 |           |              | 102                | 66                | 105        | 57           | 106             | 49        | 95                | 48           | 102        | 26            | 107 | 44 | 106 | 56 |     |    |     | 103 | 14  |    |
| 5                  | ST 250026  | ST 250026  | ST 200033  | ST 220084  | 8.0    |              |              |                 |           |              | 78                 | 66                | 121        | 66           | 106             | 45        | 89                | 46           | 89         | 26            | 104 | 46 | 118 | 60 |     |    |     | 121 | 23  |    |
| 6                  | ST 250030  | ST 250030  | ST 200033  | ST 220113  | 4.9    |              |              |                 |           |              | 89                 | 66                | 122        | 66           | 103             | 45        | 92                | 46           | 88         | 26            | 106 | 46 | 122 | 60 |     |    |     | 108 | 22  |    |
| 7                  | ST 250042  | ST 250042  | ST 200033  | ST 220073  | 9.9    |              |              |                 |           |              | 101                | 66                | 115        | 67           | 106             | 45        | 93                | 45           | 88         | 24            | 106 | 46 | 120 | 60 |     |    |     | 112 | 16  |    |
| 8                  | ST 250043  | ST 250043  | ADM 210028 | ST 210015  | 5.5    |              |              |                 |           |              | 86                 | 66                | 116        | 67           | 82              | 47        | 97                | 45           | 109        | 24            | 107 | 46 | 102 | 60 | 127 | 22 | 110 | 41  | 120 | 35 |
| 9                  | ST 250049  | ST 250049  | ST 200033  | ST 220058  | 9.1    |              |              |                 |           |              | 88                 | 66                | 117        | 67           | 102             | 45        | 95                | 45           | 85         | 26            | 101 | 46 | 117 | 60 |     |    |     | 107 | 20  |    |
| 10                 | ST 250051  | ST 250051  | ADM 210028 | ST 190091  | 5.8    |              |              |                 |           |              | 96                 | 67                | 113        | 68           | 76              | 49        | 93                | 47           | 110        | 27            | 103 | 48 | 95  | 62 | 123 | 22 | 106 | 43  | 114 | 34 |
| 11                 | ST 250052  | ST 250052  | ADM 210028 | ST 160017  | 4.7    |              |              |                 |           |              | 105                | 68                | 107        | 68           | 95              | 51        | 93                | 47           | 103        | 26            | 105 | 48 | 103 | 62 | 134 | 20 | 110 | 42  | 128 | 32 |
| 12                 | ST 250058  | ST 250058  | ST 200033  | ST 220094  | 8.3    |              |              |                 |           |              | 93                 | 66                | 112        | 67           | 106             | 45        | 96                | 45           | 93         | 25            | 105 | 46 | 113 | 60 |     |    |     | 106 | 19  |    |
| 13                 | ST 250064  | ST 250064  | ADM 210028 | ST 170017  | 5.4    |              |              |                 |           |              | 96                 | 68                | 113        | 68           | 91              | 51        | 96                | 48           | 98         | 28            | 103 | 49 | 107 | 62 | 128 | 20 | 107 | 43  | 118 | 33 |
| 14                 | ST 250070  | ST 250070  | ST 180075  | FF 140034  | 5.1    |              |              |                 |           |              | 81                 | 69                | 112        | 70           | 99              | 52        | 99                | 49           | 99         | 28            | 103 | 50 | 106 | 64 |     |    |     | 105 | 26  |    |
| 15                 | ST 250072  | ST 250072  | ST 200033  | ST 210046  | 8.6    |              |              |                 |           |              | 81                 | 66                | 124        | 67           | 117             | 45        | 87                | 46           | 83         | 26            | 108 | 47 | 129 | 60 | 110 | 20 | 108 | 42  | 113 | 23 |
| 16                 | ST 250085  | ST 250085  | GH 210010  | ST 150040  | 8.6    |              |              |                 |           |              | 83                 | 67                | 109        | 68           | 98              | 50        | 92                | 47           | 101        | 28            | 102 | 48 | 101 | 62 |     |    |     | 98  | 15  |    |
| 17                 | ST 250086  | ST 250086  | ST 200008  | ST 180041  | 5.5    |              |              |                 |           |              | 102                | 68                | 103        | 68           | 101             | 51        | 103               | 48           | 104        | 27            | 107 | 48 | 105 | 62 |     |    |     | 104 | 10  |    |
| 18                 | ST 250087  | ST 250087  | ST 200008  | ST 170022  | 5.9    |              |              |                 |           |              | 102                | 68                | 97         | 69           | 97              | 52        | 101               | 49           | 112        | 29            | 105 | 50 | 94  | 63 |     |    |     | 102 | 18  |    |
| 19                 | ST 250094  | ST 250094  | ST 180075  | T 100025   | 4.4    |              |              |                 |           |              | 103                | 70                | 113        | 71           | 104             | 55        | 96                | 50           | 82         | 28            | 100 | 51 | 118 | 65 |     |    |     | 121 | 20  |    |
| 20                 | ST 250099  | ST 250099  | ST 180075  | CR 100093  | 7.4    |              |              |                 |           |              | 90                 | 71                | 117        | 61           | 89              | 54        | 97                | 49           | 97         | 30            | 103 | 48 | 109 | 60 |     |    |     | 107 | 26  |    |
| 21                 | ST 250107  | ST 250107  | GH 210010  | PC 160032  | 6.8    |              |              |                 |           |              | 106                | 68                | 103        | 70           | 90              | 51        | 97                | 47           | 112        | 26            | 106 | 49 | 97  | 63 |     |    |     | 94  | 20  |    |
| 22                 | ST 250113  | ST 250113  | ST 200008  | ST 180088  | 5.2    |              |              |                 |           |              | 98                 | 67                | 109        | 66           | 110             | 49        | 95                | 47           | 92         | 24            | 105 | 46 | 115 | 61 |     |    |     | 107 | 13  |    |
| 23                 | TTS 250008 | TTS 250008 | ST 200008  | TTS 150029 | 7.6    |              |              |                 |           |              | 92                 | 67                | 102        | 70           | 92              | 53        | 113               | 48           | 114        | 28            | 108 | 50 | 98  | 64 |     |    |     | 103 | 16  |    |
| 24                 | TTS 250012 | TTS 250012 | ST 200033  | TTS 220025 | 7.1    |              |              |                 |           |              | 100                | 66                | 106        | 66           | 110             | 45        | 106               | 45           | 90         | 25            | 104 | 46 | 115 | 59 | 106 | 21 | 103 | 41  | 99  | 22 |
| 25                 | TTS 250019 | TTS 250019 | ADM 210028 | TTS 210021 | 6.7    |              |              |                 |           |              | 88                 | 65                | 117        | 65           | 94              | 45        | 82                | 45           | 97         | 22            | 102 | 45 | 107 | 59 | 128 | 22 | 106 | 40  | 123 | 33 |
| 26                 | TTS 250023 | TTS 250023 | ST 200033  | TTS 220030 | 5.4    |              |              |                 |           |              | 85                 | 65                | 116        | 66           | 115             | 45        | 93                | 45           | 85         | 26            | 105 | 46 | 122 | 59 | 107 | 20 | 104 | 41  | 109 | 23 |

Selection List on Cow Value  
Heifers younger than 2 years

| ID<br>Sorted on ID | Name       | Sire ID    | Dam ID     | Visual Score<br>% Inbreeding | Horned /<br>Polled | Myostatin<br>nI821<br>F94L<br>Q204X | Genomic test | Calving<br>Ease<br>Value<br>Acc | Calf<br>Growth<br>Value<br>Acc | Milk<br>Value<br>Acc | Maint.<br>Value<br>Acc | Fertility<br>Value<br>Acc | Cow<br>Value<br>Acc | Weaner<br>Calf<br>Value<br>Acc | Growth<br>Value<br>Acc | Prod<br>Value<br>Acc | Carcass<br>Value<br>Acc |     |    |     |    |     |    |     |     |     |    |
|--------------------|------------|------------|------------|------------------------------|--------------------|-------------------------------------|--------------|---------------------------------|--------------------------------|----------------------|------------------------|---------------------------|---------------------|--------------------------------|------------------------|----------------------|-------------------------|-----|----|-----|----|-----|----|-----|-----|-----|----|
|                    |            |            |            |                              |                    |                                     |              | ★★★★☆                           |                                |                      |                        |                           |                     |                                |                        |                      |                         |     |    |     |    |     |    |     |     |     |    |
| 27                 | TTS 250024 | TTS 250024 | ST 200008  | TTS 180008                   | 6.2                |                                     |              | 96                              | 67                             | 98                   | 68                     | 99                        | 51                  | 116                            | 49                     | 102                  | 29                      | 102 | 49 | 100 | 62 |     |    |     | 101 | 18  |    |
| 28                 | TTS 250032 | TTS 250032 | ST 200008  | TTS 180007                   | 5.7                |                                     |              | 98                              | 67                             | 101                  | 67                     | 97                        | 49                  | 101                            | 48                     | 107                  | 28                      | 104 | 48 | 98  | 61 |     |    |     | 101 | 18  |    |
| 29                 | TTS 250035 | TTS 250035 | ST 200008  | TTS 180027                   | 4.8                |                                     |              | 102                             | 67                             | 105                  | 68                     | 101                       | 50                  | 101                            | 48                     | 96                   | 27                      | 102 | 48 | 107 | 62 |     |    |     | 112 | 16  |    |
| 30                 | TTS 250037 | TTS 250037 | GH 210010  | TTS 150025                   | 7.3                |                                     |              | 83                              | 67                             | 112                  | 67                     | 93                        | 51                  | 96                             | 48                     | 103                  | 29                      | 103 | 49 | 103 | 62 |     |    |     | 104 | 20  |    |
|                    |            |            |            |                              |                    |                                     |              | ★★★★                            |                                |                      |                        |                           |                     |                                |                        |                      |                         |     |    |     |    |     |    |     |     |     |    |
| 1                  | ST 250033  | ST 250033  | ST 200033  | ST 220092                    | 5.6                |                                     |              | 92                              | 66                             | 111                  | 67                     | 88                        | 45                  | 107                            | 46                     | 85                   | 26                      | 92  | 47 | 106 | 60 |     |    |     | 95  | 26  |    |
| 2                  | ST 250041  | ST 250041  | ST 200033  | ST 220043                    | 5.3                |                                     |              | 101                             | 66                             | 112                  | 67                     | 96                        | 46                  | 101                            | 46                     | 83                   | 26                      | 96  | 47 | 112 | 60 |     |    |     | 104 | 26  |    |
| 3                  | ST 250057  | ST 250057  | ST 200033  | ST 220047                    | 4.7                |                                     |              | 108                             | 66                             | 114                  | 67                     | 92                        | 45                  | 99                             | 46                     | 81                   | 26                      | 96  | 47 | 115 | 60 |     |    |     | 103 | 25  |    |
| 4                  | ST 250061  | ST 250061  | ST 180075  | XY 100014                    | 6.4                |                                     |              | 109                             | 68                             | 109                  | 61                     | 89                        | 55                  | 100                            | 51                     | 89                   | 28                      | 96  | 48 | 107 | 60 | 107 | 20 | 97  | 42  | 108 | 23 |
| 5                  | ST 250077  | ST 250077  | ST 200008  | ST 190068                    | 5.6                |                                     |              | 85                              | 67                             | 106                  | 68                     | 103                       | 50                  | 104                            | 48                     | 91                   | 26                      | 97  | 48 | 104 | 62 |     |    |     | 104 | 20  |    |
| 6                  | ST 250131  | ST 250131  | ADM 210028 | ST 200070                    | 5.8                |                                     |              | 87                              | 65                             | 109                  | 56                     | 84                        | 44                  | 94                             | 46                     | 102                  | 26                      | 96  | 43 | 93  | 54 | 127 | 22 | 101 | 39  | 115 | 35 |
| 7                  | ST 260002  | ST 260002  | ST 200033  | ST 180074                    | 4.4                |                                     |              | 98                              | 64                             | 111                  | 58                     | 83                        | 49                  | 104                            | 47                     | 92                   | 27                      | 96  | 45 | 103 | 56 |     |    |     | 92  | 16  |    |
| 8                  | TTS 250022 | TTS 250022 | ST 200033  | TTS 220008                   | 4.9                |                                     |              | 96                              | 64                             | 100                  | 56                     | 110                       | 42                  | 108                            | 40                     | 79                   | 23                      | 91  | 41 | 107 | 53 | 100 | 20 | 90  | 37  | 96  | 23 |
| 9                  | TTS 250025 | TTS 250025 | ST 200033  | TTS 210013                   | 5.1                |                                     |              | 103                             | 65                             | 101                  | 66                     | 89                        | 45                  | 113                            | 46                     | 88                   | 26                      | 91  | 46 | 99  | 59 |     |    |     | 94  | 26  |    |
|                    |            |            |            |                              |                    |                                     |              | ★★★★☆                           |                                |                      |                        |                           |                     |                                |                        |                      |                         |     |    |     |    |     |    |     |     |     |    |
| 1                  | ST 250082  | ST 250082  | GH 150004  | ST 200086                    | 5.5                |                                     |              | 116                             | 69                             | 95                   | 68                     | 73                        | 55                  | 136                            | 57                     | 91                   | 32                      | 89  | 52 | 93  | 64 | 105 | 24 | 89  | 46  | 100 | 40 |
| 2                  | ST 250090  | ST 250090  | GH 150004  | ST 200097                    | 6.4                |                                     |              | 120                             | 69                             | 98                   | 61                     | 71                        | 54                  | 133                            | 57                     | 75                   | 33                      | 80  | 50 | 97  | 60 | 100 | 24 | 80  | 45  | 99  | 40 |
| 3                  | ST 250101  | ST 250101  |            | ST 170031                    | 0.0                |                                     |              | 109                             | 60                             | 87                   | 60                     | 100                       | 41                  | 115                            | 39                     | 88                   | 22                      | 86  | 41 | 90  | 54 |     |    |     | 93  | 9   |    |
| 4                  | TTS 250004 | TTS 250004 | GH 150004  | TTS 160039                   | 7.1                |                                     |              | 103                             | 70                             | 97                   | 71                     | 80                        | 59                  | 127                            | 59                     | 92                   | 36                      | 89  | 55 | 95  | 67 | 102 | 26 | 89  | 49  | 96  | 42 |
| 5                  | TTS 250026 | TTS 250026 | GH 150004  | TTS 200013                   | 6.4                |                                     |              | 113                             | 69                             | 107                  | 69                     | 70                        | 56                  | 115                            | 58                     | 85                   | 33                      | 87  | 53 | 99  | 65 | 111 | 25 | 89  | 47  | 110 | 42 |
| 6                  | TTS 250031 | TTS 250031 | GH 150004  | TTS 200038                   | 6.4                |                                     |              | 105                             | 69                             | 94                   | 69                     | 78                        | 55                  | 136                            | 58                     | 82                   | 33                      | 82  | 52 | 92  | 65 | 104 | 25 | 83  | 47  | 95  | 42 |
|                    |            |            |            |                              |                    |                                     |              | ★★★                             |                                |                      |                        |                           |                     |                                |                        |                      |                         |     |    |     |    |     |    |     |     |     |    |
| 1                  | TTS 250030 | TTS 250030 | GH 150004  | TTS 160031                   | 7.3                |                                     |              | 111                             | 69                             | 89                   | 59                     | 70                        | 57                  | 129                            | 59                     | 87                   | 34                      | 77  | 50 | 81  | 60 | 95  | 26 | 77  | 45  | 93  | 41 |
| 2                  | TTS 250033 | TTS 250033 | GH 150004  | TTS 200023                   | 6.8                |                                     |              | 119                             | 69                             | 92                   | 68                     | 75                        | 55                  | 120                            | 58                     | 78                   | 32                      | 75  | 52 | 87  | 64 | 103 | 25 | 76  | 47  | 99  | 42 |

