

**ANGUS**

## **GENOMIC BREEDING VALUE REPORT**

September 2026



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# 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.

## 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



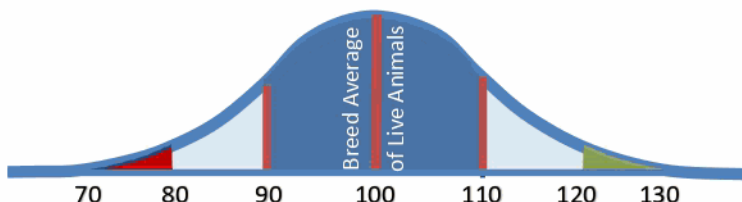
80% LOGIX Cow Value +  
20% LOGIX Growth Value

### LOGIX Carcass Value

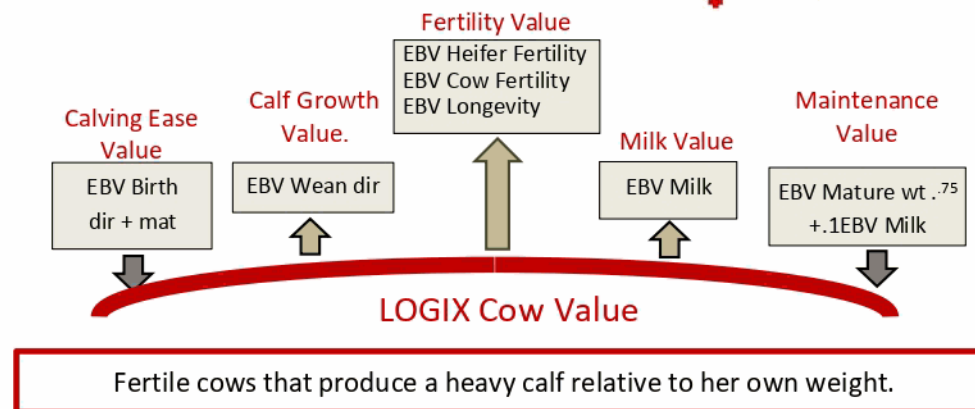


Select for more meat on the carcass as measured from end weight in Phase C and D Growth Tests and RTU scanning.

## Interpretation of EBVi and Selection Values



# LOGIX Cow Value



## 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)

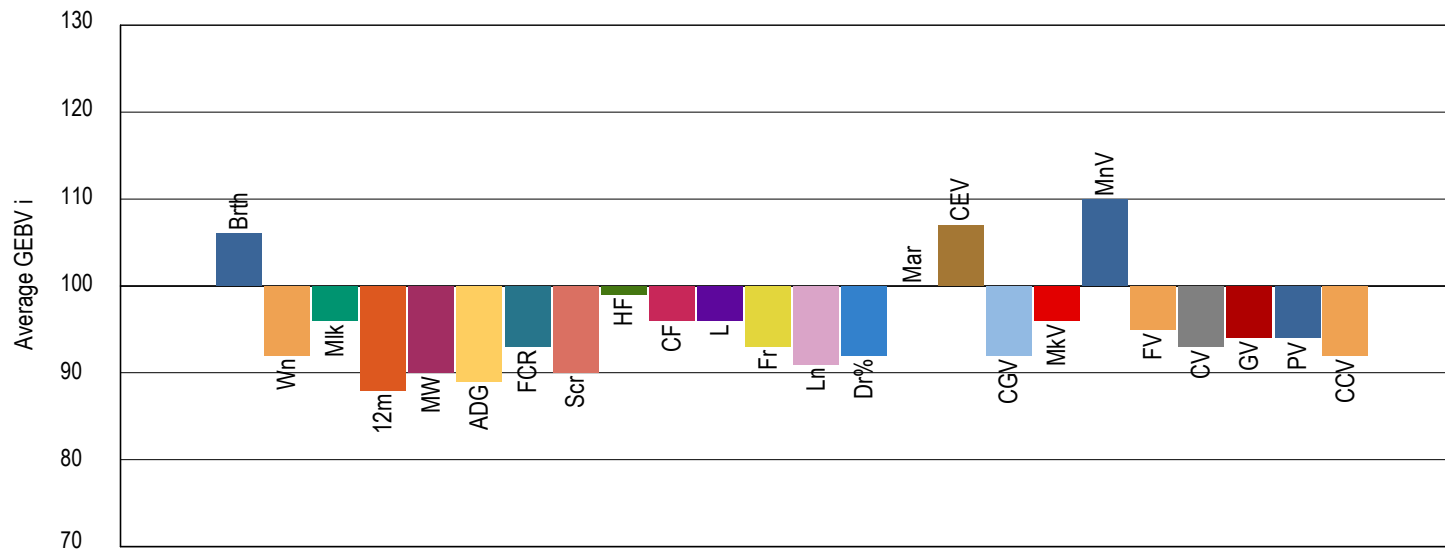
- Maintenance Value >110
  - Cow Value and Fertility Value average to high
- Lighter cows have a lower maintenance.

## 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        |
| 12m:  | 2 mo weight           | Fr:  | Frame            |
| 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 |
|-----------------|------------------|----------|-----------|-----------|
| Prewean Growth  | Birth Weight     | 1.12     | 106       | 1.64      |
|                 | Wean Weight      | 29.4     | 92        | 33.6      |
|                 | Birth Mat.       | 0.10     | 105       | 0.30      |
|                 | Milk (Wn.Mat.)   | 5.3      | 96        | 6.6       |
| Postwean Growth | 12m weight       | 53       | 88        | 65.1      |
|                 | Mature Weight    | 53       | 90        | 65        |
|                 | ADG              | 177      | 89        | 217       |
|                 | FCR              | -87      | 93        | -100      |
| Fertility       | Scrotal Circumf. | 16.0     | 90        | 20.5      |
|                 | Heifer Fertility | -3.6     | 99        | -4.3      |
|                 | Cow Fertility    | -1.6     | 96        | -2.2      |
|                 | Longevity        | 30.3     | 96        | 32.7      |
| Frame           | Frame score      | -1       | 93        | 0         |
|                 | Length           | 42       | 91        | 49        |
| Carcass         | Dressing%        | 0.54     | 92        | 0.69      |
|                 | Marbling         | 0.71     | 100       | 0.71      |

| Selection Value  | Ave. Herd |
|------------------|-----------|
| Calving Ease     | 107       |
| Calf Growth      | 92        |
| Milk             | 96        |
| Maintenance      | 110       |
| Fertility        | 95        |
| Cow Value        | 93        |
| Growth Value     | 94        |
| Production Value | 94        |
| Carcass Value    | 92        |

- 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?:*

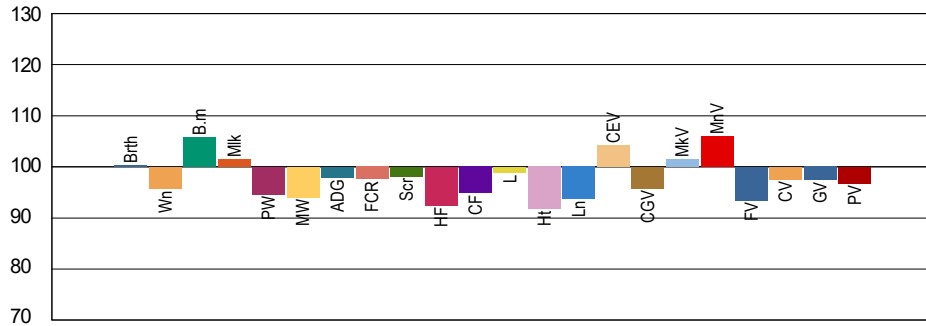
|               |                                                                  |
|---------------|------------------------------------------------------------------|
| Calving ease: | Smaller calf at birth - easier calving                           |
| Calf growth:  | Heavier calves at wean due to 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

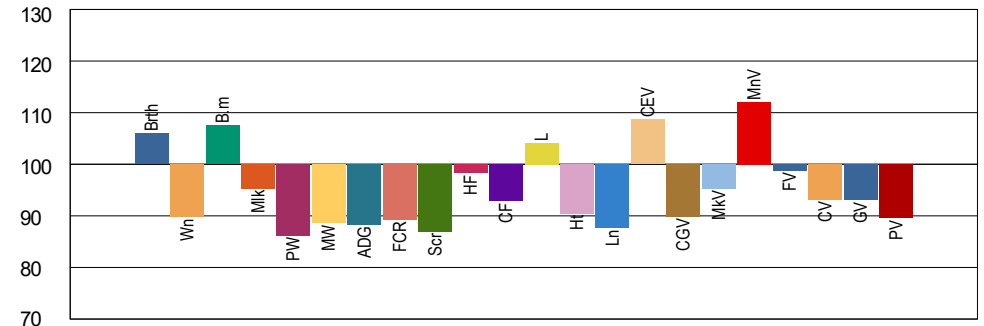
Total: 8



## Cow Herd

Cows born in 2024 and earlier

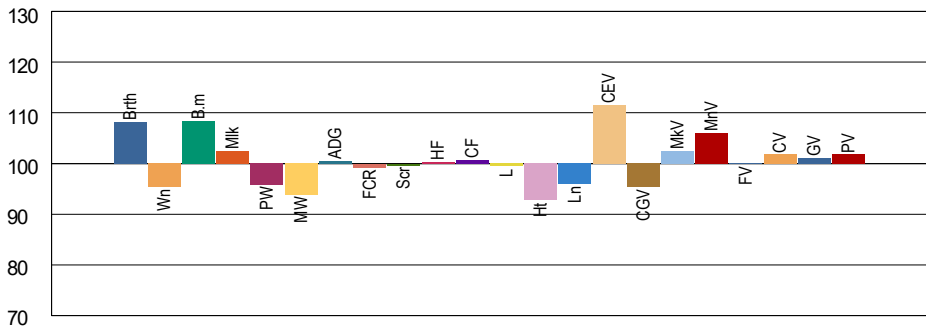
Total: 114



## Sires of young animals

Sires of animals 3 years and younger

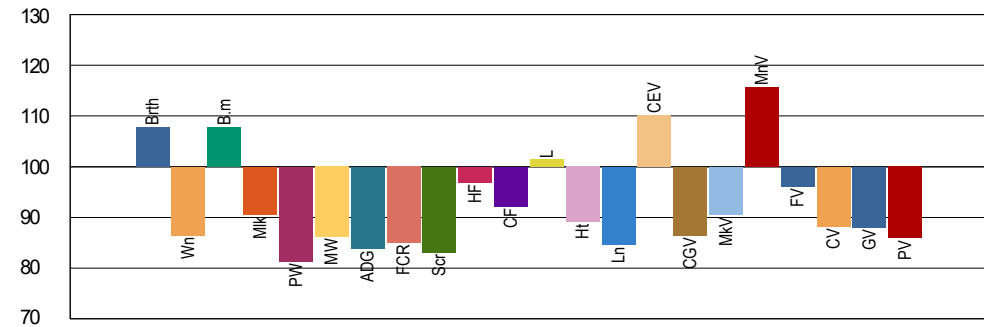
Total: 18



## Cows older than 6 years

Cows born in 2020 and earlier

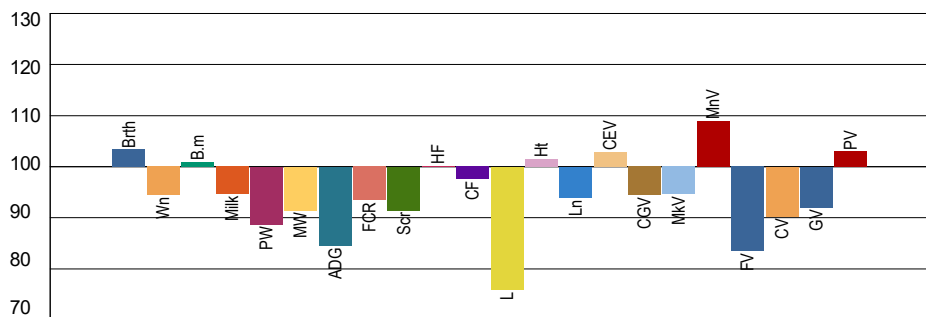
Total: 45



## Bull calves

Bulls born in 2025

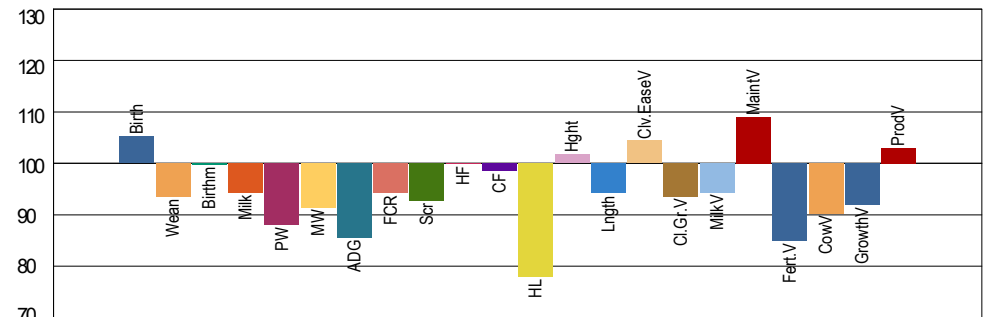
Total: 26



## Heifer calves

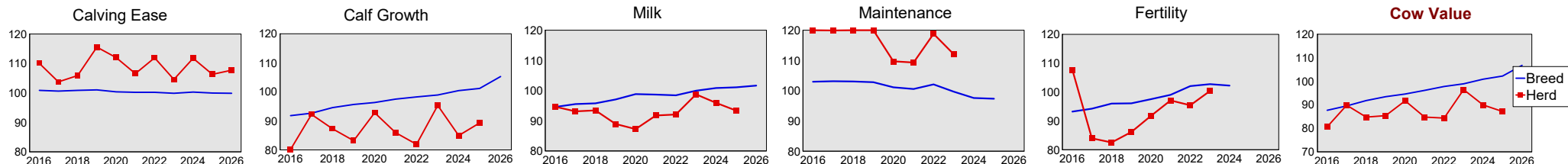
Heifers born in 2025

Total: 28



# 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.



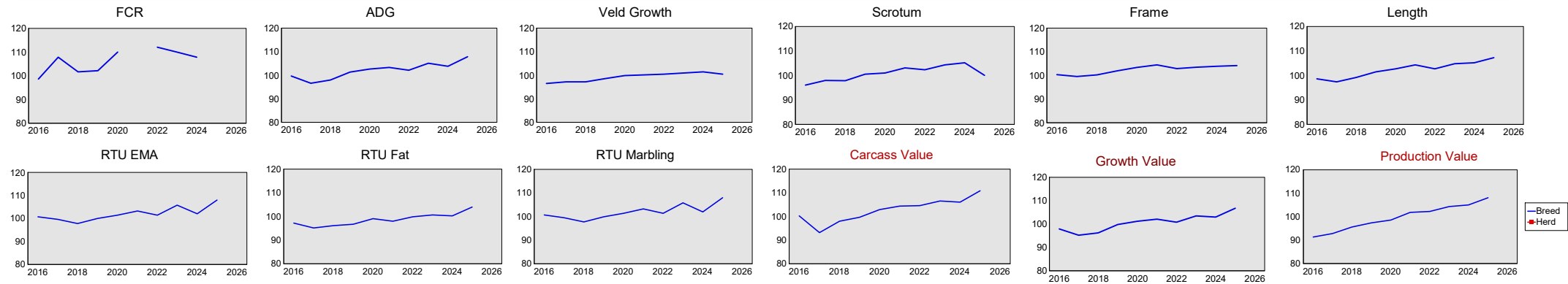
## Herd

| Birth Year | Calving Ease |         |         |            | Calf Growth    |      |             | Milk           |      |      | Maintenance     |     |               |     |              |              | Fertility |           |      |           |      |            | Cow Value |
|------------|--------------|---------|---------|------------|----------------|------|-------------|----------------|------|------|-----------------|-----|---------------|-----|--------------|--------------|-----------|-----------|------|-----------|------|------------|-----------|
|            | Birth Weight |         | Mat EBV | Calv. Ease | Weaning Weight |      | Calf Growth | Milk (Wn.Mat.) |      | Milk | Postwean Weight |     | Mature Weight |     | Mainte-nance | Heifer Fert. |           | Cow Fert. |      | Longevity |      | Ferti-lity |           |
|            | Number       | Dir EBV |         |            | Number         | EBV  |             | Number         | EBV  |      | Number          | EBV | Number        | EBV |              | Number       | EBV       | Number    | EBV  | Number    | EBV  |            |           |
| 2016       | 65           | 0.77    | 0.13    | 110        | 55             | 23.6 | 80          | 55             | 4.97 | 95   |                 |     | 12            | 36  | 124          | 13           | -11.3     | 12        | -2.1 | 66        | 17.2 | 108        | 81        |
| 2017       | 74           | 2.03    | -0.11   | 104        | 55             | 29.7 | 92          | 55             | 4.48 | 93   |                 |     | 14            | 42  | 120          | 15           | 2.2       | 14        | 0.2  | 71        | 23.2 | 84         | 90        |
| 2018       | 66           | 1.52    | -0.03   | 106        | 36             | 27.2 | 87          | 36             | 4.62 | 93   |                 |     | 12            | 38  | 123          | 16           | 0.8       | 14        | -0.5 | 66        | 24.4 | 83         | 85        |
| 2019       | 53           | 0.72    | -0.28   | 115        | 46             | 25.2 | 83          | 46             | 3.18 | 89   |                 |     | 11            | 38  | 124          | 16           | 0.5       | 13        | 0.1  | 53        | 25.6 | 86         | 85        |
| 2020       | 89           | 1.11    | -0.25   | 112        | 68             | 30.0 | 93          | 68             | 2.66 | 87   |                 |     | 12            | 54  | 110          | 28           | -0.4      | 24        | -1.1 | 88        | 27.6 | 92         | 92        |
| 2021       | 107          | 0.97    | 0.22    | 107        | 78             | 26.5 | 86          | 78             | 4.06 | 92   |                 |     | 13            | 54  | 109          | 11           | -4.4      | 8         | -1.3 | 98        | 21.8 | 97         | 85        |
| 2022       | 92           | 0.67    | -0.04   | 112        | 61             | 24.5 | 82          | 61             | 4.17 | 92   |                 |     | 5             | 42  | 119          | 7            | -3.0      |           |      | 38        | 21.2 | 95         | 84        |
| 2023       | 75           | 1.30    | 0.18    | 105        | 57             | 31.3 | 95          | 57             | 6.26 | 99   |                 |     | 5             | 50  | 112          | 18           | -2.8      |           |      |           |      | 100        | 96        |
| 2024       | 79           | 0.86    | -0.04   | 112        | 68             | 26.0 | 85          | 68             | 5.38 | 96   |                 |     |               |     |              |              |           |           |      |           |      |            | 90        |
| 2025       | 75           | 0.92    | 0.24    | 106        | 65             | 28.2 | 89          | 65             | 4.58 | 93   |                 |     |               |     |              |              |           |           |      |           |      |            | 87        |
| 2026       | 24           | 1.16    | 0.10    | 108        |                |      |             |                |      |      |                 |     |               |     |              |              |           |           |      |           |      |            |           |

## 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 |     | Mainte-nance | Heifer Fert. |      | Cow Fert. |      | Longevity |           | Ferti-lity |     |
|            | Number       | Dir EBV |         |            | Number         | EBV  |             | Number         | EBV  |      | Number          | EBV  | Number        | EBV |              | Number       | EBV  | Number    | EBV  | Number    |           |            | EBV |
| 2016       | 6114         | 1.53    | 0.31    | 101        | 4059           | 29.5 | 92          | 4059           | 4.96 | 95   | 1835            | 65.3 | 539           | 63  | 103          | 1017         | -3.1 | 827       | -1.9 | 6446      | 23.5      | 93         | 88  |
| 2017       | 6172         | 1.52    | 0.34    | 101        | 4081           | 29.9 | 93          | 4081           | 5.26 | 96   | 1814            | 65.3 | 632           | 62  | 103          | 1075         | -3.5 | 965       | -1.9 | 6390      | 23.6      | 94         | 90  |
| 2018       | 6114         | 1.52    | 0.32    | 101        | 4332           | 30.9 | 95          | 4332           | 5.32 | 96   | 1932            | 66.9 | 618           | 62  | 103          | 1061         | -3.7 | 948       | -2.1 | 6300      | 24.8      | 96         | 92  |
| 2019       | 5856         | 1.56    | 0.29    | 101        | 4093           | 31.4 | 96          | 4093           | 5.74 | 97   | 1785            | 67.3 | 755           | 63  | 103          | 1135         | -3.4 | 1036      | -1.9 | 6019      | 25.4      | 96         | 94  |
| 2020       | 5733         | 1.56    | 0.32    | 100        | 4114           | 31.8 | 96          | 4114           | 6.28 | 99   | 1789            | 69.0 | 830           | 65  | 101          | 1154         | -3.6 | 1058      | -2.0 | 5815      | 26.6      | 97         | 95  |
| 2021       | 5977         | 1.58    | 0.33    | 100        | 4408           | 32.4 | 98          | 4408           | 6.24 | 99   | 1881            | 70.5 | 729           | 64  | 101          | 1085         | -3.7 | 959       | -2.1 | 5385      | 27.4      | 99         | 96  |
| 2022       | 5930         | 1.65    | 0.30    | 100        | 4462           | 32.7 | 98          | 4462           | 6.17 | 98   | 1963            | 70.8 | 603           | 61  | 102          | 1077         | -4.3 | 479       | -2.4 | 2697      | 28.5      | 102        | 98  |
| 2023       | 6401         | 1.59    | 0.34    | 100        | 4712           | 33.1 | 99          | 4712           | 6.64 | 100  | 2072            | 72.6 | 163           | 65  | 100          | 650          | -4.3 | 76        | -2.5 |           |           | 103        | 99  |
| 2024       | 6631         | 1.59    | 0.32    | 100        | 4760           | 33.8 | 100         | 4760           | 6.91 | 101  | 1702            | 74.4 | 4             | 62  | 98           | 103          | -3.8 |           |      |           |           | 102        | 101 |
| 2025       | 6430         | 1.60    | 0.32    | 100        | 3874           | 34.2 | 101         | 3874           | 6.99 | 101  | 263             | 75.9 |               |     | 97           |              |      |           |      |           |           |            | 102 |
| 2026       | 2506         | 1.62    | 0.31    | 100        | 26             | 36.2 | 105         | 26             | 7.18 | 102  |                 |      |               |     |              |              |      |           |      |           |           |            | 107 |

# 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 |                  |                 |               |
| 2017          |        |     |      |        |     |      |             |     |      |         |     |      |        |     |      |         |     |      |               |     |      |                  |          |     |                  |                 |               |
| 2018          |        |     |      |        |     |      |             |     |      |         |     |      |        |     |      |         |     |      |               |     |      |                  |          |     |                  |                 |               |
| 2019          |        |     |      |        |     |      |             |     |      |         |     |      |        |     |      |         |     |      |               |     |      |                  |          |     |                  |                 |               |
| 2020          |        |     |      |        |     |      |             |     |      |         |     |      |        |     |      |         |     |      |               |     |      |                  |          |     |                  |                 |               |
| 2021          |        |     |      |        |     |      |             |     |      |         |     |      |        |     |      |         |     |      |               |     |      |                  |          |     |                  |                 |               |
| 2022          |        |     |      |        |     |      |             |     |      |         |     |      |        |     |      |         |     |      |               |     |      |                  |          |     |                  |                 |               |
| 2023          |        |     |      |        |     |      |             |     |      |         |     |      |        |     |      |         |     |      |               |     |      |                  |          |     |                  |                 |               |
| 2024          |        |     |      |        |     |      |             |     |      |         |     |      |        |     |      |         |     |      |               |     |      |                  |          |     |                  |                 |               |
| 2025          |        |     |      |        |     |      |             |     |      |         |     |      |        |     |      |         |     |      |               |     |      |                  |          |     |                  |                 |               |
| 2026          |        |     |      |        |     |      |             |     |      |         |     |      |        |     |      |         |     |      |               |     |      |                  |          |     |                  |                 |               |

## Breed

| Birth<br>Year | Growth |      |      |        |     |      |             |     |      | Frame   |      |      |        |     |      | Carcass |     |      |            |      |     | Selection Values |     |      |          |     |              |              |            |
|---------------|--------|------|------|--------|-----|------|-------------|-----|------|---------|------|------|--------|-----|------|---------|-----|------|------------|------|-----|------------------|-----|------|----------|-----|--------------|--------------|------------|
|               | FCR    |      |      | ADG    |     |      | Veld Growth |     |      | Scrotum |      |      | Height |     |      | Length  |     |      | RTU Number |      | EMA |                  | Fat |      | Marbling |     | Cracss Value | Growth Value | Prod Value |
|               | Number | EBV  | EBVi | Number | EBV | EBVi | Number      | EBV | EBVi | Number  | EBV  | EBVi | Number | EBV | EBVi | Number  | EBV | EBVi | EBV        | EBVi | EBV | EBVi             | EBV | EBVi |          |     |              |              |            |
| 2017          | 11     | -114 | 108  | 370    | 205 | 97   | 1308        | 69  | 97   | 401     | 19.6 | 98   | 377    | 0   | 100  | 372     | 47  | 97   | 201        | 2.56 | 98  | 1.23             | 95  | 0.67 | 100      | 93  | 95           | 93           |            |
| 2018          | 18     | -103 | 102  | 401    | 210 | 98   | 1357        | 69  | 97   | 406     | 19.6 | 98   | 402    | 0   | 100  | 402     | 48  | 99   | 158        | 2.60 | 98  | 1.35             | 96  | 0.52 | 98       | 98  | 96           | 96           |            |
| 2019          | 11     | -104 | 102  | 439    | 222 | 101  | 1236        | 73  | 99   | 455     | 20.7 | 101  | 439    | 0   | 102  | 439     | 50  | 101  | 308        | 2.70 | 99  | 1.43             | 97  | 0.70 | 100      | 100 | 100          | 97           |            |
| 2020          | 8      | -117 | 110  | 566    | 228 | 103  | 1098        | 77  | 100  | 486     | 20.9 | 101  | 562    | 0   | 103  | 562     | 51  | 103  | 445        | 3.10 | 103 | 1.71             | 99  | 0.82 | 101      | 103 | 101          | 99           |            |
| 2021          |        |      |      | 612    | 230 | 103  | 1134        | 78  | 100  | 543     | 21.9 | 103  | 612    | 0   | 104  | 612     | 52  | 104  | 383        | 3.20 | 104 | 1.57             | 98  | 0.98 | 103      | 104 | 102          | 102          |            |
| 2022          | 7      | -121 | 112  | 552    | 226 | 102  | 1305        | 79  | 101  | 509     | 21.5 | 102  | 552    | 0   | 103  | 552     | 51  | 103  | 391        | 3.23 | 105 | 1.81             | 100 | 0.83 | 101      | 105 | 101          | 102          |            |
| 2023          | 12     | -117 | 110  | 733    | 237 | 105  | 1303        | 80  | 101  | 690     | 22.4 | 104  | 772    | 0   | 103  | 771     | 53  | 105  | 541        | 3.50 | 107 | 1.90             | 101 | 1.19 | 106      | 107 | 104          | 104          |            |
| 2024          | 17     | -113 | 108  | 670    | 232 | 104  | 987         | 82  | 101  | 641     | 22.8 | 105  | 724    | 0   | 104  | 724     | 53  | 105  | 582        | 3.49 | 107 | 1.85             | 100 | 0.87 | 102      | 106 | 103          | 105          |            |
| 2025          |        |      |      | 50     | 247 | 108  | 190         | 78  | 100  | 50      | 20.5 | 100  | 50     | 0   | 104  | 50      | 55  | 107  | 50         | 3.35 | 106 | 2.31             | 104 | 1.38 | 108      | 111 | 107          | 108          |            |
| 2026          |        |      |      |        |     |      |             |     |      |         |      |      |        |     |      |         |     |      |            |      |     |                  |     |      |          |     |              |              |            |

## Percentile Table for Bulls (based on live animals)

| %      | Calf weight  |                |                | Growth & efficiency |               |     |         | Fertility       |                  |               |           | Frame       |        |
|--------|--------------|----------------|----------------|---------------------|---------------|-----|---------|-----------------|------------------|---------------|-----------|-------------|--------|
|        | Birth weight | Weaning weight | Milk (WW.Mat.) | Post wean           | Mature weight | ADG | Kleiber | Scrotal circum. | Heifer Fertility | Cow Fertility | Longevity | Frame Score | Length |
| Mean   | 1.62         | 34.2           | 6.8            | 71.8                | 67            | 220 | 86      | 20.9            | -4.0             | -2.2          | 32.9      | 0           | 50     |
| Top    | -6.07        | 62.5           | 22.5           | 125.1               | 132           | 562 | 248     | 58.0            | -24.0            | -8.2          | 48.2      | 5           | 102    |
| 1      | -1.52        | 50.7           | 15.5           | 103.1               | 107           | 367 | 164     | 38.4            | -16.8            | -5.9          | 44.5      | 3           | 77     |
| 2      | -1.02        | 48.4           | 14.3           | 98.4                | 101           | 335 | 148     | 36.1            | -15.2            | -5.4          | 43.5      | 2           | 73     |
| 3      | -0.70        | 46.9           | 13.7           | 96.3                | 97            | 320 | 141     | 34.2            | -14.3            | -5.1          | 42.6      | 2           | 71     |
| 4      | -0.45        | 45.6           | 13.3           | 94.3                | 94            | 312 | 135     | 32.9            | -13.4            | -4.9          | 42.0      | 2           | 68     |
| 5      | -0.28        | 45.0           | 12.9           | 93.0                | 92            | 304 | 131     | 32.0            | -12.7            | -4.7          | 41.6      | 2           | 68     |
| 6      | -0.14        | 44.6           | 12.5           | 92.1                | 91            | 297 | 128     | 31.0            | -12.1            | -4.5          | 41.3      | 2           | 66     |
| 7      | -0.05        | 44.0           | 12.2           | 91.0                | 89            | 292 | 125     | 30.2            | -11.6            | -4.4          | 41.0      | 2           | 65     |
| 8      | 0.04         | 43.5           | 11.9           | 90.2                | 88            | 287 | 123     | 29.5            | -11.2            | -4.3          | 40.8      | 1           | 64     |
| 9      | 0.15         | 43.1           | 11.7           | 89.2                | 87            | 284 | 121     | 28.9            | -10.9            | -4.2          | 40.5      | 1           | 64     |
| 10     | 0.23         | 42.6           | 11.4           | 88.4                | 86            | 281 | 120     | 28.4            | -10.6            | -4.1          | 40.3      | 1           | 63     |
| 20     | 0.73         | 39.7           | 9.7            | 82.5                | 79            | 258 | 106     | 25.0            | -8.3             | -3.4          | 38.5      | 1           | 58     |
| 30     | 1.08         | 37.4           | 8.5            | 78.6                | 74            | 243 | 98      | 23.1            | -6.6             | -3.0          | 37.1      | 1           | 54     |
| 40     | 1.37         | 35.6           | 7.6            | 75.2                | 70            | 230 | 91      | 21.5            | -5.3             | -2.6          | 35.8      | 0           | 51     |
| 50     | 1.63         | 34.1           | 6.7            | 71.9                | 66            | 218 | 85      | 20.3            | -4.0             | -2.2          | 34.5      | 0           | 49     |
| 60     | 1.89         | 32.4           | 5.9            | 68.6                | 62            | 207 | 79      | 19.2            | -2.7             | -1.8          | 33.2      | 0           | 47     |
| 70     | 2.18         | 30.7           | 5.0            | 65.1                | 58            | 195 | 72      | 17.9            | -1.3             | -1.5          | 31.7      | 0           | 44     |
| 80     | 2.52         | 28.8           | 4.0            | 60.8                | 54            | 180 | 63      | 16.4            | 0.2              | -1.0          | 29.6      | -1          | 41     |
| 90     | 3.05         | 26.2           | 2.5            | 55.2                | 48            | 159 | 52      | 14.4            | 2.8              | -0.2          | 23.9      | -1          | 38     |
| 91     | 3.12         | 25.9           | 2.2            | 54.4                | 47            | 156 | 50      | 14.0            | 3.1              | -0.1          | 21.0      | -1          | 37     |
| 92     | 3.20         | 25.4           | 2.0            | 53.6                | 46            | 153 | 48      | 13.6            | 3.5              | 0.0           | 18.2      | -1          | 36     |
| 93     | 3.29         | 25.0           | 1.8            | 52.4                | 45            | 150 | 47      | 13.2            | 4.0              | 0.2           | 15.3      | -1          | 36     |
| 94     | 3.41         | 24.6           | 1.5            | 51.3                | 43            | 147 | 45      | 12.8            | 4.4              | 0.3           | 13.9      | -2          | 35     |
| 95     | 3.51         | 23.9           | 1.1            | 50.1                | 42            | 143 | 43      | 12.3            | 5.0              | 0.4           | 12.7      | -2          | 34     |
| 96     | 3.65         | 23.2           | 0.8            | 48.6                | 41            | 138 | 40      | 11.7            | 5.6              | 0.6           | 11.9      | -2          | 33     |
| 97     | 3.86         | 22.5           | 0.3            | 47.1                | 39            | 133 | 37      | 10.7            | 6.4              | 0.9           | 10.8      | -2          | 32     |
| 98     | 4.14         | 21.2           | -0.3           | 44.7                | 36            | 126 | 31      | 9.5             | 7.4              | 1.1           | 9.6       | -2          | 30     |
| 99     | 4.65         | 19.3           | -1.1           | 41.7                | 32            | 114 | 24      | 7.2             | 9.4              | 1.6           | 8.2       | -2          | 27     |
| Bottom | 7.01         | 7.7            | -9.0           | 17.1                | 6             | 29  | -41     | -8.4            | 17.1             | 5.0           | -0.1      | -5          | 11     |

## Percentile Table for Cows (based on live animals)

| %      | Calf weight  |                |                | Growth & efficiency |               |     |         | Fertility       |                  |               |           | Frame       |        |
|--------|--------------|----------------|----------------|---------------------|---------------|-----|---------|-----------------|------------------|---------------|-----------|-------------|--------|
|        | Birth weight | Weaning weight | Milk (WW.Mat.) | Post wean           | Mature weight | ADG | Kleiber | Scrotal circum. | Heifer Fertility | Cow Fertility | Longevity | Frame Score | Length |
| Mean   | 1.64         | 33.4           | 6.6            | 69.6                | 65            | 216 | 86      | 20.3            | -4.4             | -2.3          | 32.6      | 0           | 49     |
| Top    | -4.71        | 58.5           | 26.5           | 124.3               | 153           | 539 | 248     | 49.4            | -32.2            | -11.0         | 51.0      | 5           | 110    |
| 1      | -1.74        | 48.9           | 16.9           | 100.4               | 108           | 344 | 153     | 35.4            | -19.7            | -6.5          | 44.3      | 2           | 74     |
| 2      | -1.25        | 47.1           | 15.8           | 96.3                | 101           | 324 | 143     | 33.4            | -18.2            | -6.0          | 43.0      | 2           | 71     |
| 3      | -0.93        | 45.7           | 14.9           | 94.1                | 98            | 312 | 137     | 32.0            | -16.8            | -5.7          | 42.2      | 2           | 69     |
| 4      | -0.71        | 44.8           | 14.1           | 92.1                | 95            | 304 | 133     | 31.0            | -15.7            | -5.4          | 41.7      | 2           | 67     |
| 5      | -0.50        | 44.0           | 13.6           | 90.5                | 93            | 297 | 129     | 30.0            | -15.1            | -5.2          | 41.2      | 2           | 66     |
| 6      | -0.31        | 43.3           | 13.1           | 89.2                | 91            | 291 | 126     | 29.3            | -14.4            | -5.0          | 40.9      | 2           | 65     |
| 7      | -0.19        | 42.8           | 12.8           | 88.1                | 89            | 287 | 123     | 28.8            | -13.8            | -4.8          | 40.6      | 1           | 64     |
| 8      | -0.08        | 42.3           | 12.5           | 87.3                | 88            | 283 | 121     | 28.2            | -13.3            | -4.7          | 40.3      | 1           | 63     |
| 9      | 0.02         | 41.9           | 12.2           | 86.4                | 87            | 280 | 119     | 27.8            | -12.8            | -4.6          | 40.0      | 1           | 63     |
| 10     | 0.11         | 41.5           | 11.9           | 85.7                | 86            | 277 | 118     | 27.4            | -12.4            | -4.5          | 39.8      | 1           | 62     |
| 20     | 0.74         | 38.7           | 9.9            | 80.3                | 78            | 255 | 106     | 24.5            | -9.5             | -3.7          | 37.8      | 1           | 57     |
| 30     | 1.11         | 36.7           | 8.5            | 76.5                | 73            | 239 | 98      | 22.8            | -7.4             | -3.1          | 36.3      | 0           | 54     |
| 40     | 1.41         | 35.0           | 7.5            | 73.1                | 69            | 227 | 91      | 21.4            | -5.9             | -2.7          | 35.0      | 0           | 51     |
| 50     | 1.69         | 33.4           | 6.6            | 69.8                | 65            | 214 | 85      | 20.1            | -4.4             | -2.3          | 33.7      | 0           | 48     |
| 60     | 1.97         | 31.8           | 5.6            | 66.5                | 61            | 203 | 79      | 18.9            | -3.0             | -1.9          | 32.2      | 0           | 46     |
| 70     | 2.26         | 30.0           | 4.6            | 63.1                | 56            | 191 | 72      | 17.5            | -1.4             | -1.4          | 30.7      | -1          | 43     |
| 80     | 2.60         | 28.0           | 3.4            | 59.0                | 51            | 177 | 64      | 16.0            | 0.6              | -0.8          | 28.6      | -1          | 40     |
| 90     | 3.12         | 25.1           | 1.4            | 53.0                | 44            | 156 | 53      | 13.6            | 3.5              | 0.1           | 25.0      | -1          | 36     |
| 91     | 3.19         | 24.6           | 1.2            | 52.2                | 43            | 153 | 52      | 13.3            | 4.0              | 0.2           | 24.3      | -1          | 35     |
| 92     | 3.27         | 24.1           | 0.8            | 51.3                | 42            | 150 | 50      | 12.9            | 4.5              | 0.3           | 23.5      | -1          | 35     |
| 93     | 3.36         | 23.7           | 0.5            | 50.4                | 40            | 146 | 48      | 12.5            | 4.9              | 0.5           | 22.3      | -1          | 34     |
| 94     | 3.46         | 23.2           | 0.0            | 49.2                | 39            | 143 | 46      | 12.1            | 5.6              | 0.6           | 20.5      | -2          | 33     |
| 95     | 3.57         | 22.5           | -0.4           | 47.9                | 37            | 139 | 44      | 11.5            | 6.1              | 0.8           | 17.9      | -2          | 32     |
| 96     | 3.72         | 21.7           | -1.0           | 46.0                | 35            | 133 | 41      | 10.8            | 6.8              | 1.1           | 14.8      | -2          | 31     |
| 97     | 3.88         | 20.8           | -1.7           | 44.4                | 32            | 128 | 37      | 10.0            | 7.7              | 1.4           | 12.2      | -2          | 30     |
| 98     | 4.14         | 19.6           | -2.8           | 41.7                | 29            | 120 | 32      | 8.7             | 9.1              | 1.8           | 10.3      | -2          | 28     |
| 99     | 4.53         | 17.3           | -4.4           | 37.8                | 24            | 108 | 25      | 7.1             | 11.1             | 2.4           | 8.5       | -2          | 25     |
| Bottom | 7.99         | 4.6            | -18.7          | 6.3                 | -17           | 29  | -23     | -19.9           | 22.6             | 5.8           | -3.9      | -4          | 9      |

Sires

| Bull                                     |                         |                   | Selection Values |               |            |          |             |           |              |             |           |             | Birth    |                |             | Wean    |          |           |             |        | Grwth & Adaptation |             |      |            |         | Fertility   |           |           |             | Frame  |       | 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 | Comb. mat | Cow-Calf wn | 12m wt | ADG                | Veld growth | FCR  | Skin Thckn | Scrotum | Heifer Fert | Cow Fert. | Longevity | Frame score | Length | EMA   | Fat     | Marbling | Dress % | Nr measured |         |            |
| ID<br>Comp.nr                            |                         |                   |                  |               |            |          |             |           |              |             |           |             |          |                |             |         |          |           |             |        |                    |             |      |            |         |             |           |           |             |        |       |         |          |         | Birth       | Wean    | Grwth Test |
| 124 AAN<br>Black<br>S MCCOY 124          | W144<br>751             |                   | 113              | 87            | 103        | 122      | 72          | 90        |              |             | 82        | 79          | 111      | 100            | 78          | 87      | 103      | 98        | 86          | 87     | 88                 |             |      | 91         | 82      | 95          | 88        | 69        | 88          | 82     | 94    | 114     | 85       | 85      | 5           | 3       |            |
|                                          |                         |                   | 42               | 46            | 25         | 31       | 24          | 32        |              |             | 14        | 39          | 0.59     | -1.5           | 33          | 27      | 7.7      | 14.1      | 96          | 52     | 172                |             |      | 0.28       | 12.5    | -1.8        | -0.6      | 16        | -1          | 35     | 2.21  | 3.51    | -0.54    | 0.41    | 1           | 1       |            |
|                                          |                         |                   |                  |               |            |          |             |           |              |             |           | 7           | 58       | 36             | 31          | 46      | 25       |           | 34          | 18     | 14                 |             |      | 10         | 16      | 16          | 3         | 54        | 15          | 13     | 13    | 15      | 13       | 14      |             |         |            |
| 232<br>Black<br>DUFF NAPOLEON 232        | 9105<br>443 808         |                   | 100              | 97            | 79         | 111      | 59          | 78        |              |             | 90        | 91          | 108      | 93             | 91          | 97      | 79       | 85        | 82          | 98     | 101                | 140         | 98   | 93         | 90      | 81          | 60        | 78        | 99          | 98     | 98    | 109     | 85       | 97      | 25          | 13      |            |
|                                          |                         |                   | 79               | 76            | 69         | 67       | 42          | 60        |              |             | 14        | 55          | 0.87     | -0.6           | 49          | 32      | 0.1      | 10.7      | 84          | 63     | 221                | 194         | -96  | 0.37       | 16.0    | 4.8         | 3.2       | 20        | 0           | 47     | 2.62  | 2.96    | -0.56    | 0.64    | 10          | 26      |            |
|                                          |                         |                   |                  |               |            |          |             |           |              |             |           | 5           | 86       | 74             | 67          | 76      | 69       | 71        | 71          | 64     | 13                 | 6           | 2    | 18         | 17      | 28          | 19        | 78        | 16          | 13     | 12    | 15      | 13       | 14      |             |         |            |
| 4336<br>Black<br>S A V 004 DENSITY 4336  | 004<br>9124             |                   | 85               | 112           | 83         | 103      | 72          | 92        | 114          | 95          | 109       | 98          | 81       | 85             | 98          | 112     | 83       | 93        | 97          | 119    | 114                | 101         | 116  | 99         | 100     | 83          | 73        | 87        | 100         | 97     | 110   | 116     | 114      | 112     | 30          | 30      |            |
|                                          |                         |                   | 89               | 90            | 87         | 85       | 69          | 76        | 44           | 70          | 41        | 63          | 3.45     | 0.3            | 59          | 39      | 1.4      | 14.1      | 126         | 83     | 271                | 81          | -127 | 0.56       | 20.4    | 3.6         | 1.4       | 26        | 0           | 47     | 3.78  | 3.78    | 1.85     | 0.91    | 15          | 81      |            |
|                                          |                         |                   |                  |               |            |          |             |           |              |             |           | 71          | 92       | 88             | 85          | 90      | 87       | 87        | 59          | 47     | 35                 | 41          | 49   | 49         | 70      | 48          | 90        | 48        | 45          | 40     | 42    | 40      | 41       |         |             |         |            |
| 722E<br>Black<br>BOSS LAKE BONAFIDE 722E | 4834AAN<br>206Y         |                   | 93               | 125           | 101        | 70       | 96          | 116       | 134          | 121         | 141       | 131         | 101      | 106            | 132         | 125     | 101      | 109       | 107         | 131    | 134                | 92          | 127  | 85         | 120     | 90          | 89        | 108       | 112         | 126    | 136   | 140     | 112      | 140     | 45          | 38      |            |
|                                          |                         |                   | 86               | 89            | 80         | 82       | 54          | 71        | 28           | 62          | 35        | 107         | 1.57     | -2.2           | 103         | 46      | 7.0      | 20.1      | 152         | 95     | 346                | 55          | -146 | 0.08       | 29.6    | 0.4         | -0.7      | 37        | 1           | 70     | 6.31  | 6.75    | 1.73     | 1.44    | 22          | 41      |            |
|                                          |                         |                   |                  |               |            |          |             |           |              |             |           | 29          | 92       | 84             | 82          | 89      | 80       | 84        | 71          | 36     | 14                 | 21          | 32   | 37         | 56      | 30          | 77        | 37        | 35          | 34     | 36    | 34      | 35       |         |             |         |            |
| 8077<br>Black<br>S A V BRILLIANCE 8077   | 5682<br>5270            |                   | 97               | 93            | 101        | 106      | 93          | 91        | 80           | 87          | 96        | 98          | 116      | 79             | 94          | 93      | 101      | 98        | 98          | 99     | 78                 | 86          | 74   | 71         | 81      | 111         | 105       | 79        | 90          | 88     | 101   | 95      | 104      | 100     | 110         | 68      |            |
|                                          |                         |                   | 92               | 93            | 86         | 83       | 69          | 77        | 62           | 74          | 59        | 64          | 0.15     | 1.0            | 53          | 30      | 6.9      | 14.6      | 127         | 64     | 134                | 38          | -54  | -0.43      | 11.9    | -9.4        | -2.9      | 21        | -1          | 39     | 2.87  | 1.22    | 1.03     | 0.69    | 4           | 57      |            |
|                                          |                         |                   |                  |               |            |          |             |           |              |             |           | 53          | 96       | 89             | 83          | 93      | 86       | 87        | 87          | 67     | 48                 | 57          | 72   | 71         | 70      | 45          | 92        | 70        | 65          | 57     | 61    | 57      | 59       |         |             |         |            |
| 916 SAT<br>Black<br>SAT WOLVERINE 916    | B767<br>788 SAT         |                   | 120              | 84            | 100        | 107      | 113         | 96        | 110          | 97          | 115       | 94          | 127      | 111            | 93          | 84      | 100      | 95        | 90          | 91     | 117                | 109         | 115  | 83         | 114     | 108         | 98        | 116       | 105         | 110    | 107   | 117     | 109      | 109     | 8           | 1       |            |
|                                          |                         |                   | 81               | 79            | 77         | 76       | 77          | 70        | 76           | 71          | 76        | 59          | -0.92    | -2.8           | 52          | 26      | 6.6      | 12.9      | 107         | 56     | 281                | 104         | -126 | 0.00       | 26.8    | -8.0        | -2.0      | 41        | 0           | 57     | 3.43  | 3.95    | 1.46     | 0.85    |             |         |            |
|                                          |                         |                   |                  |               |            |          |             |           |              |             |           | 76          | 84       | 79             | 76          | 79      | 77       | 77        | 77          | 77     | 76                 | 76          | 76   | 76         | 76      | 76          | 80        | 76        | 76          | 76     | 76    | 76      | 76       |         |             |         |            |
| AAN53<br>Black<br>RAVEN POWERBALL 53     | 9108<br>E4241           |                   | 115              | 97            | 102        | 113      | 122         | 113       | 98           | 110         | 103       | 92          | 111      | 108            | 87          | 97      | 102      | 100       | 105         | 97     | 102                | 53          | 95   | 77         | 112     | 117         | 106       | 118       | 76          | 85     | 109   | 125     | 122      | 111     | 14          | 13      |            |
|                                          |                         |                   | 82               | 84            | 76         | 75       | 77          | 72        | 76           | 73          | 75        | 55          | 0.56     | -2.5           | 45          | 32      | 7.4      | 15.6      | 149         | 62     | 224                | -59         | -91  | -0.21      | 25.9    | -12.5       | -3.1      | 43        | -2          | 37     | 3.66  | 4.81    | 2.58     | 0.90    | 2           |         |            |
|                                          |                         |                   |                  |               |            |          |             |           |              |             |           | 75          | 86       | 79             | 75          | 84      | 76       | 78        | 77          | 77     | 77                 | 75          | 75   | 78         | 78      | 76          | 75        | 80        | 77          | 77     | 75    | 75      | 75       | 75      |             |         |            |
| BAR 120073<br>Red<br>GOOGLE              | PA 050544<br>FW 070019  |                   | 126              | 101           | 78         | 108      | 78          | 96        | 88           | 93          | 91        | 90          | 112      | 134            | 93          | 101     | 78       | 86        | 87          | 83     | 88                 | 94          | 85   | 98         | 88      | 75          | 89        | 90        | 98          | 97     | 98    | 92      | 96       | 97      | 79          | 64      |            |
|                                          |                         |                   | 87               | 92            | 79         | 83       | 62          | 73        | 30           | 64          | 24        | 53          | 0.48     | -5.4           | 53          | 34      | -0.3     | 11.2      | 96          | 49     | 170                | 60          | -74  | 0.56       | 15.0    | 7.6         | -0.8      | 27        | 0           | 47     | 2.57  | 0.81    | 0.35     | 0.62    | 17          | 29      |            |
|                                          |                         |                   |                  |               |            |          |             |           |              |             |           | 30          | 95       | 85             | 83          | 92      | 79       | 85        | 47          | 35     | 30                 | 24          | 33   | 35         | 65      | 39          | 82        | 32        | 31          | 23     | 24    | 23      | 24       |         |             |         |            |
| BAR 130009<br>Black<br>BAR 130009        | WB 090109<br>BAR 080002 |                   | 106              | 113           | 87         | 115      | 64          | 103       | 100          | 102         | 102       | 86          | 75       | 101            | 86          | 113     | 87       | 96        | 106         | 101    | 102                | 90          | 109  | 86         | 100     | 82          | 87        | 66        | 107         | 106    | 108   | 97      | 107      | 107     | 77          | 53      |            |
|                                          |                         |                   | 86               | 91            | 79         | 80       | 60          | 72        | 33           | 64          | 36        | 48          | 4.03     | -1.6           | 44          | 40      | 2.5      | 15.0      | 149         | 66     | 224                | 48          | -116 | 0.10       | 20.5    | 4.0         | -0.5      | 14        | 1           | 54     | 3.53  | 1.50    | 1.27     | 0.82    | 13          | 35      |            |
|                                          |                         |                   |                  |               |            |          |             |           |              |             |           | 26          | 95       | 83             | 80          | 91      | 79       | 83        | 38          | 38     | 27                 | 27          | 31   | 42         | 58      | 33          | 89        | 40        | 36          | 34     | 37    | 34      | 36       |         |             |         |            |
| CP 168288<br>Red<br>HARD DRIVE 8288      | 7120<br>CP 137308       |                   | 127              | 78            | 110        | 125      | 93          | 95        | 92           | 93          | 86        | 80          | 123      | 115            | 75          | 78      | 110      | 99        | 101         | 89     | 99                 | 117         | 98   | 110        | 107     | 111         | 104       | 79        | 89          | 86     | 84    | 96      | 91       | 84      | 92          | 85      |            |
|                                          |                         |                   | 92               | 95            | 89         | 89       | 84          | 81        | 80           | 81          | 80        | 40          | -0.48    | -3.2           | 30          | 22      | 9.7      | 14.0      | 136         | 55     | 212                | 127         | -96  | 0.95       | 23.8    | -9.6        | -2.7      | 21        | -1          | 38     | 1.28  | 1.27    | -0.05    | 0.39    | 17          | 42      |            |
|                                          |                         |                   |                  |               |            |          |             |           |              |             |           | 79          | 96       | 91             | 89          | 95      | 89       | 91        | 82          | 80     | 79                 | 79          | 80   | 80         | 83      | 80          | 90        | 80        | 80          | 79     | 80    | 79      | 80       |         |             |         |            |
| D162<br>Black<br>NICHOLS PERFORMA D162   | U193<br>B87             |                   | 92               | 85            | 86         | 120      | 87          | 77        | 93           | 77          | 90        | 83          | 108      | 78             | 81          | 85      | 86       | 86        | 84          | 95     | 94                 | 118         | 96   | 90         | 82      | 94          | 84        | 96        | 89          | 85     | 68    | 93      | 108      | 69      | 56          | 51      |            |
|                                          |                         |                   | 91               | 93            | 88         | 86       | 59          | 75        | 26           | 65          | 34        | 44          | 0.84     | 1.2            | 38          | 26      | 2.2      | 10.2      | 89          | 61     | 196                | 128         | -93  | 0.24       | 12.6    | -1.6        | 0.0       | 30        | -1          | 37     | -0.27 | 0.96    | 1.39     | 0.11    | 23          | 87      |            |
|                                          |                         |                   |                  |               |            |          |             |           |              |             |           | 54          | 94       | 89             | 86          | 93      | 88       | 89        | 88          | 38     | 21                 | 13          | 46   | 44         | 57      | 31          | 90        | 42        | 37          | 32     | 37    | 33      | 34       |         |             |         |            |
| DF 100006<br>Black<br>COMMANDER          | F176<br>DEM 002001      |                   | 129              | 88            | 108        | 111      | 82          | 99        | 101          | 98          | 95        | 89          | 115      | 126            | 88          | 88      | 108      | 101       | 102         | 81     | 99                 | 56          | 83   | 90         | 91      | 93          | 88        | 85        | 83          | 88     | 100   | 99      | 99       | 100     | 8           | 1       |            |
|                                          |                         |                   | 73               | 71            | 62         | 61       | 44          | 56        | 64           | 58          | 16        | 52          | 0.20     | -4.5           | 46          | 27      | 9.3      | 15.3      | 140         | 47     | 215                | -48         | -71  | 0.26       | 16.6    | -0.9        | -0.6      | 24        | -1          | 39     | 2.82  | 1.72    | 0.64     | 0.69    | 2           | 9       |            |
|                                          |                         |                   |                  |               |            |          |             |           |              |             |           | 23          | 81       | 68             | 61          | 71      | 62       | 65        | 53          | 58     | 25                 | 66          | 73   | 69         | 37      | 26          | 69        | 65        | 55          | 16     | 17    | 16      | 16       |         |             |         |            |
| DF 130005<br>Black<br>DF130005           | 161E<br>DF 030017       |                   | 131              | 67            | 115        | 122      | 132         | 98        |              |             | 64        | 75          | 127      | 119            | 77          | 67      | 115      | 99        | 95          | 57     | 63                 | 71          | 64   | 94         | 58      | 142         | 97        | 123       | 75          | 66     | 56    | 88      | 88       | 57      | 15          | 13      |            |
|                                          |                         |                   | 84               | 82            | 81         | 80       | 55          | 69        |              |             | 16        | 33          | -0.90    | -3.7           | 32          | 17      | 11.5     | 13.3      | 121         | 24     | 77                 | -6          | -38  | 0.39       | 1.9     | -24.2       | -1.8      | 45        | -2          | 22     | -1.46 | 0.35    | -0.32    | -0.14   | 10          | 52      |            |
|                                          |                         |                   |                  |               |            |          |             |           |              |             |           | 27          | 87       | 82             | 80          | 82      | 81       | 81        | 81          | 47     | 22                 | 15          | 14   | 24         | 23      | 57          | 35        | 74        | 23          | 20     | 15    | 17      | 15       | 16      |             |         |            |
| DF 150027<br>Black<br>DF150027           | PA 110710<br>WIN 110008 |                   | 100              | 73            | 99         | 112      | 77          | 68        | 74           | 64          | 75        | 85          | 111      | 90             | 88          | 73      | 99       | 90        | 83          | 71     | 22                 | 76          | 76   | 100        | 88      | 81          | 86        | 87        | 80          | 76     | 83    | 92      | 90       | 83      | 20          | 7       |            |
|                                          |                         |                   | 76               | 72            | 64         | 62       | 49          | 59        | 21           | 51          | 16        | 46          | 0.56     | -0.3           | 46          | 20      | 6.4      | 10.9      | 85          | 37     | 129                | 9           | -59  | 0.62       | 15.3    | 4.7         | -0.3      | 26        | -2          | 30     | 1.18  | 0.84    | -0.16    | 0.36    | 2           | 6       |            |
|                                          |                         |                   |                  |               |            |          |             |           |              |             |           | 22          | 87       | 70             | 62          | 72      | 64       | 66        | 62          | 39     | 27                 | 25          | 15   | 29         | 28      | 44          | 28        | 74        | 27          | 25     | 16    | 17      | 16       | 16      |             |         |            |

Sires

| Bull                                |                                    |                                                             | Selection Values                         |                                                           |                                                             |                                                    |                          |                                                       |              |             |           | Birth       |          |                | Wean        |         |          |           |             | Grwth & Adaptation |     |             |     |            | Fertility |             |           |           | Frame       |        | 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 | Comb. mat | Cow-Calf wn | 12m wt             | ADG | Veld growth | FCR | Skin Thckn | Scrotum   | Heifer Fert | Cow Fert. | Longevity | Frame score | Length | EMA     | Fat | Marbling | Dress % | Nr measured |      |
| ID<br>Comp.nr                       |                                    |                                                             |                                          |                                                           |                                                             |                                                    |                          |                                                       |              |             |           |             |          |                |             |         |          |           |             |                    |     |             |     |            |           |             |           |           |             |        |         |     |          |         | Birth       | Wean |
| DF 150060<br>Black<br>DF150060      | PA 110710<br>DF 110036             | 100 78 89 117 77 70 83 68 81<br>75 72 68 69 50 60 20 52 22  | 82 109 89<br>42 0.77 -0.2<br>20 83 72    | 84 78 89 85 80<br>41 22 3.2 9.6 77<br>69 72 68 70 70      | 76 85 70 88 89<br>42 159 -8 -79 0.23<br>38 24 20 15 22      | 84 82 69 98<br>13.3 4.3 1.9 32<br>25 48 30 71      | 89 81<br>-1 34<br>24 23  | 84 90 92 83<br>1.25 0.60 0.06 0.37<br>21 23 21 22     | 11 7<br>6 10 |             |           |             |          |                |             |         |          |           |             |                    |     |             |     |            |           |             |           |           |             |        |         |     |          |         |             |      |
| DF 150064<br>Black<br>DF150064      | PA 110710<br>DF 100012             | 139 63 72 148 76 68 60 63<br>75 78 64 65 49 60 14           | 56 130 139<br>9 -1.14 -6.0<br>16 85 71   | 59 63 72 69 57<br>9 15 -2.3 3.5 15<br>65 78 64 69 69      | 49 70 69 70 94<br>16 104 -12 -47 0.42<br>35 21 17 17 23     | 77 106 77 74<br>10.4 -7.3 0.8 18<br>23 47 27 73    | 69 60<br>-2 17<br>22 20  | 69 88 86 68<br>-0.22 0.41 -0.44 0.09<br>13 14 13 14   | 17 15<br>3 6 |             |           |             |          |                |             |         |          |           |             |                    |     |             |     |            |           |             |           |           |             |        |         |     |          |         |             |      |
| DF 170035<br>Red<br>DF170035        | PA 110710<br>PT 061569             | 111 80 96 122 103 88 73<br>71 77 61 62 46 58 14             | 75 108 101<br>33 0.87 -1.5<br>22 81 67   | 79 80 96 91 89<br>34 24 5.5 11.5 105<br>62 77 61 67 67    | 70 70 63 72 92<br>36 104 -28 -52 0.32<br>35 20 17 11 22     | 80 103 114 94<br>11.6 -5.8 -4.2 29<br>21 44 26 68  | 81 74<br>-1 28<br>21 19  | 74 89 88 74<br>0.26 0.53 -0.32 0.19<br>13 14 13 14    | 9 9<br>2 3   |             |           |             |          |                |             |         |          |           |             |                    |     |             |     |            |           |             |           |           |             |        |         |     |          |         |             |      |
| DF 180051<br>Black<br>DF180051      | BAR 130009<br>DF 150028            | 103 92 83 127 83 88 89<br>66 61 58 59 42 51 20              | 74 97 93<br>32 1.95 -0.7<br>15 74 63     | 75 92 83 86 90<br>30 30 1.5 10.8 106<br>59 61 58 59 59    | 84 91 82 97 90<br>50 185 25 -94 0.26<br>27 23 17 15 21      | 87 88 80 96<br>14.6 1.4 0.4 30<br>25 41 24 62      | 97 93<br>0 44<br>24 22   | 90 93 98 90<br>1.84 0.96 0.57 0.49<br>19 21 19 20     | 1 1<br>1 2   |             |           |             |          |                |             |         |          |           |             |                    |     |             |     |            |           |             |           |           |             |        |         |     |          |         |             |      |
| DF 190022<br>Red<br>LIGHTING        | PA 130797<br>DF 150023<br>DF190022 | 87 94 106 116 93 95 82<br>64 66 56 59 40 52 12              | 81 88 80<br>42 2.72 0.8<br>16 73 62      | 83 94 106 102 108<br>40 31 8.7 16.0 157<br>59 66 56 60 60 | 90 82 75 84 93<br>55 149 6 -72 0.37<br>30 16 16 8 18        | 89 88 99 99<br>15.5 1.2 -2.0 32<br>18 38 23 60     | 87 85<br>-1 37<br>17 16  | 79 87 89 79<br>0.79 0.28 -0.21 0.28<br>11 12 11 12    | 1 2<br>1 2   |             |           |             |          |                |             |         |          |           |             |                    |     |             |     |            |           |             |           |           |             |        |         |     |          |         |             |      |
| DF 190032<br>Red<br>DF190032        | BAR 120073<br>PT 081747            | 123 78 84 127 97 84 74<br>75 83 62 64 46 61 12              | 72 122 151<br>30 -0.40 -7.4<br>18 88 70  | 75 78 84 82 79<br>30 23 1.8 8.7 75<br>64 83 62 70 70      | 59 72 90 73 97<br>25 112 49 -53 0.50<br>26 21 17 14 21      | 77 96 99 99<br>10.4 -2.5 -2.1 32<br>22 46 24 68    | 84 76<br>-1 30<br>21 19  | 80 93 93 80<br>0.91 0.97 0.10 0.31<br>12 13 12 12     | 24 18<br>3 3 |             |           |             |          |                |             |         |          |           |             |                    |     |             |     |            |           |             |           |           |             |        |         |     |          |         |             |      |
| DF 190049<br>Black<br>DF190049      | PA 130797<br>DF 120052             | 100 98 90 122 79 94 80<br>66 69 53 54 40 52 12              | 79 90 93<br>39 2.54 -0.7<br>16 75 61     | 79 98 90 93 100<br>35 33 3.6 13.3 134<br>54 69 53 59 59   | 90 82 92 85 101<br>55 149 53 -73 0.64<br>30 20 21 11 21     | 94 75 90 92<br>17.6 7.3 -0.9 28<br>21 38 23 60     | 89 84<br>-1 36<br>20 19  | 77 82 86 76<br>0.59 -0.44 -0.48 0.23<br>12 13 12 12   | 2 1          |             |           |             |          |                |             |         |          |           |             |                    |     |             |     |            |           |             |           |           |             |        |         |     |          |         |             |      |
| DF 200032<br>Black<br>DF200032      | KCM 150007<br>DF 170019            | 86 121 96 103 92 114 110<br>74 83 58 50 42 58 16            | 100 81 86<br>66 3.46 0.2<br>15 87 64     | 96 121 96 104 115<br>57 44 5.5 18.3 175<br>50 83 58 64 64 | 118 104 85 102 93<br>82 232 33 -103 0.35<br>21 19 11 15 20  | 101 90 92 101<br>21.2 0.6 -1.2 33<br>21 45 19 61   | 102 107<br>0 55<br>20 19 | 112 108 108 112<br>3.94 2.83 1.37 0.92<br>15 16 15 16 | 22 20<br>2 2 |             |           |             |          |                |             |         |          |           |             |                    |     |             |     |            |           |             |           |           |             |        |         |     |          |         |             |      |
| DF 200078<br>Red<br>DF200078        | BAR 120073<br>DF 160043            | 133 85 83 118 112 97 81<br>66 72 57 56 40 53 13             | 82 121 127<br>42 -0.31 -4.6<br>18 76 62  | 84 85 83 84 80<br>40 26 1.3 9.5 79<br>56 72 57 62 62      | 71 78 85 78 103<br>37 132 34 -61 0.71<br>28 20 17 16 20     | 76 101 109 113<br>9.9 -4.5 -3.5 40<br>21 40 25 56  | 89 83<br>-1 36<br>20 18  | 82 92 93 82<br>1.06 0.82 0.07 0.34<br>13 13 13 13     | 3 2          |             |           |             |          |                |             |         |          |           |             |                    |     |             |     |            |           |             |           |           |             |        |         |     |          |         |             |      |
| DF 210009<br>Black<br>Carl DF210009 | KCM 150049<br>DF 140015            | 123 63 98 125 110 78 90 77 79<br>71 82 58 54 42 57 22 50 24 | 71 118 111<br>28 -0.05 -2.8<br>25 84 64  | 76 63 98 86 77<br>30 15 6.0 9.0 71<br>54 82 58 65 65      | 69 94 118 96 88<br>35 194 129 -93 0.20<br>29 26 15 18 26    | 85 96 110 112<br>13.7 -2.3 -3.6 39<br>27 39 26 60  | 81 75<br>-1 29<br>26 25  | 81 109 101 83<br>0.96 2.91 0.81 0.36<br>23 24 23 24   | 15 15        |             |           |             |          |                |             |         |          |           |             |                    |     |             |     |            |           |             |           |           |             |        |         |     |          |         |             |      |
| DF 210010<br>Black<br>DF210010      | KCM 160069<br>DF 140050            | 117 87 97 99 111 94 99 94 99<br>70 80 59 56 42 57 21 50 22  | 100 129 110<br>66 -1.08 -2.6<br>23 82 64 | 101 87 97 94 88<br>63 27 5.8 12.9 100<br>56 80 59 65 65   | 88 101 103 100 90<br>53 223 87 -100 0.25<br>36 24 13 17 26  | 88 105 104 111<br>15.3 -6.7 -2.8 39<br>25 41 26 59 | 92 92<br>-1 43<br>25 23  | 92 111 107 94<br>2.01 3.17 1.32 0.57<br>21 23 21 22   | 11 11        |             |           |             |          |                |             |         |          |           |             |                    |     |             |     |            |           |             |           |           |             |        |         |     |          |         |             |      |
| DF 210039<br>Black<br>DF210039      | 5261<br>DF 160035                  | 129 71 86 126 104 82 79<br>70 86 52 44 37 55 14             | 73 121 119<br>31 -0.30 -3.7<br>21 90 60  | 76 71 86 81 74<br>30 19 2.4 7.8 61<br>44 86 52 61 61      | 67 83 91 85 95<br>33 153 50 -75 0.44<br>23 17 14 14 18      | 72 117 94 99<br>8.0 -12.4 -1.5 32<br>18 32 20 58   | 81 75<br>-1 29<br>18 17  | 78 103 100 79<br>0.64 2.14 0.71 0.29<br>14 15 14 14   | 35 29        |             |           |             |          |                |             |         |          |           |             |                    |     |             |     |            |           |             |           |           |             |        |         |     |          |         |             |      |
| DF 210064<br>Red<br>DF210064        | BAR 120073<br>DF 170028            | 118 98 86 123 86 100 85<br>65 72 54 55 40 53 15             | 78 100 114<br>38 1.60 -3.2<br>19 75 60   | 78 98 86 90 96<br>34 32 2.3 12.3 123<br>55 72 54 60 60    | 86 88 90 86 96<br>52 171 49 -76 0.48<br>30 22 18 13 22      | 91 82 86 100<br>16.5 4.3 -0.4 32<br>23 40 24 57    | 91 90<br>-1 41<br>22 20  | 91 86 90 89<br>1.89 0.10 -0.14 0.48<br>15 15 14 15    | 3 3          |             |           |             |          |                |             |         |          |           |             |                    |     |             |     |            |           |             |           |           |             |        |         |     |          |         |             |      |
| E 200039<br>Black<br>BOSSY          | 722E<br>E 120236                   | 99 97 97 94 77 87 112 90 113<br>71 78 58 54 42 56 21 49 20  | 108 102 102<br>76 1.47 -1.7<br>19 84 64  | 106 97 97 97 93<br>69 32 5.9 14.5 116<br>54 78 58 63 63   | 101 112 97 114 76<br>66 264 68 -123 -0.23<br>47 26 25 16 27 | 102 93 73 88<br>21.5 -0.9 1.4 26<br>28 42 21 62    | 103 106<br>0 54<br>27 25 | 107 128 111 110<br>3.42 5.20 1.60 0.87<br>20 21 20 20 | 22 14<br>2 2 |             |           |             |          |                |             |         |          |           |             |                    |     |             |     |            |           |             |           |           |             |        |         |     |          |         |             |      |

Sires

| Bull                                    |                                                                                     |                          | Selection Values |               |            |           |             |           |              |             | Birth     |             |              | Wean           |             |           |             |             | Grwth & Adaptation |           |            |             |             | Fertility   |             |              |             | Frame     |             | 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    | Comb. mat   | Cow-Calf wn        | 12m wt    | ADG        | Veld growth | FCR         | Skin Thckn  | Scrotum     | Heifer Fert  | Cow Fert.   | Longevity | Frame score | Length    | EMA         | Fat         | Marbling    | Dress %     | Nr measured |          |
| ID<br>Comp.nr                           |                                                                                     |                          |                  |               |            |           |             |           |              |             |           |             |              |                |             |           |             |             |                    |           |            |             |             |             |             |              |             |           |             |           |             |             |             |             | Birth       | Wean     |
| KCM 150007<br>Black<br>CAPITALIST 507   |                                                                                     | 028<br>KCM 120039        | 88<br>83         | 114<br>87     | 79<br>74   | 100<br>70 | 95<br>53    | 100<br>67 | 98<br>25     | 98<br>59    | 108<br>24 | 105<br>73   | 93<br>2.34   | 90<br>-0.3     | 101<br>63   | 114<br>41 | 79<br>0.0   | 91<br>13.6  | 94<br>118          | 115<br>80 | 102<br>227 | 100<br>78   | 100<br>-100 | 91<br>0.31  | 107<br>23.7 | 106<br>-7.0  | 97<br>-1.8  | 90<br>27  | 93<br>-1    | 99<br>48  | 109<br>3.64 | 118<br>3.96 | 111<br>1.61 | 110<br>0.89 | 36<br>12    | 27<br>17 |
| KCM 160069<br>Black<br>RESOLUTION 669   |    | 1441<br>KCM 100020       | 89<br>94         | 100<br>96     | 122<br>92  | 97<br>93  | 114<br>90   | 109<br>84 | 119<br>86    | 111<br>84   | 116<br>86 | 101<br>67   | 106<br>1.03  | 71<br>2.0      | 101<br>63   | 100<br>34 | 122<br>13.6 | 115<br>20.2 | 116<br>179         | 116<br>80 | 121<br>297 | 116<br>122  | 113<br>-122 | 86<br>0.12  | 99<br>20.0  | 115<br>-11.5 | 114<br>-4.1 | 101<br>33 | 95<br>0     | 102<br>51 | 110<br>3.77 | 125<br>4.91 | 117<br>2.11 | 113<br>0.93 | 121<br>21   | 95<br>53 |
| KCM 210005<br>Black<br>MOONSHINE 105    |    | 0256<br>KCM 090031       | 89<br>93         | 101<br>95     | 132<br>90  | 98<br>90  | 109<br>89   | 114<br>83 | 97<br>88     | 111<br>84   | 103<br>88 | 100<br>66   | 89<br>2.66   | 91<br>-0.5     | 98<br>59    | 101<br>34 | 132<br>16.8 | 122<br>22.6 | 127<br>208         | 104<br>68 | 97<br>206  | 93<br>58    | 90<br>-82   | 78<br>-0.16 | 108<br>24.1 | 121<br>-14.0 | 106<br>-3.1 | 96<br>31  | 64<br>-3    | 82<br>35  | 111<br>3.83 | 122<br>4.54 | 124<br>2.73 | 113<br>0.93 | 64          | 50       |
| KCM 210052<br>Red<br>RED SULTAN 152     |                                                                                     | KCM 190042<br>KCM 180094 | 103<br>70        | 106<br>85     | 109<br>54  | 91<br>44  | 103<br>38   | 109<br>55 | 98<br>24     | 107<br>49   | 98<br>32  | 108<br>77   | 91<br>2.46   | 110<br>-2.7    | 108<br>72   | 106<br>36 | 109<br>9.3  | 108<br>18.4 | 107<br>154         | 102<br>67 | 100<br>219 | 115<br>119  | 100<br>-100 | 112<br>1.02 | 104<br>22.1 | 105<br>-6.7  | 114<br>-4.1 | 92<br>28  | 97<br>0     | 102<br>51 | 93<br>2.12  | 106<br>2.61 | 99<br>0.66  | 94<br>0.58  | 27          | 24       |
| KCM 220090<br>Black<br>BOWSAW 290       |                                                                                     | 002AAN<br>KCM 160093     | 91<br>65         | 112<br>77     | 101<br>49  | 79<br>48  | 97<br>34    | 103<br>51 |              |             | 114<br>9  | 121<br>94   | 101<br>1.53  | 100<br>-1.5    | 122<br>90   | 112<br>40 | 101<br>7.0  | 105<br>17.9 | 101<br>138         | 118<br>82 | 113<br>266 | 126<br>154  | 113<br>-122 | 98<br>0.55  | 107<br>23.6 | 94<br>-1.6   | 113<br>-4.0 | 91<br>28  | 114<br>1    | 117<br>63 | 109<br>3.64 | 107<br>2.63 | 107<br>1.28 | 109<br>0.87 | 13          | 10       |
| KDL 190162<br>Red<br>KDL19162           |    | KDL 170039<br>KDL 170073 | 111<br>86        | 110<br>89     | 110<br>78  | 86<br>77  | 88<br>76    | 112<br>74 | 117<br>73    | 113<br>74   | 115<br>74 | 114<br>84   | 104<br>1.22  | 116<br>-3.4    | 113<br>78   | 110<br>39 | 110<br>9.7  | 110<br>19.4 | 110<br>160         | 106<br>71 | 115<br>274 | 101<br>80   | 108<br>-113 | 95<br>0.45  | 106<br>23.1 | 85<br>2.7    | 90<br>-0.9  | 98<br>31  | 104<br>0    | 109<br>56 | 110<br>3.79 | 81<br>-0.53 | 94<br>0.20  | 108<br>0.83 | 40<br>1     | 25<br>1  |
| NLA 170016<br>Black<br>GYRO 1716        |                                                                                     | NLA 120003<br>E 110088   | 110<br>70        | 83<br>70      | 90<br>58   | 114<br>53 | 86<br>42    | 81<br>54  | 93<br>29     | 81<br>49    | 97<br>26  | 86<br>47    | 117<br>0.01  | 99<br>-1.4     | 86<br>44    | 83<br>25  | 90<br>3.5   | 88<br>10.7  | 84<br>89           | 85<br>50  | 92<br>188  | 109<br>103  | 94<br>-90   | 78<br>-0.15 | 100<br>20.4 | 98<br>-3.2   | 96<br>-1.7  | 83<br>23  | 93<br>-1    | 95<br>45  | 99<br>2.70  | 113<br>3.41 | 111<br>1.68 | 101<br>0.70 | 13<br>2     | 7<br>3   |
| PA 110710<br>Red<br>11710               |                                                                                     | RCM 080063<br>PA 080699  | 106<br>87        | 79<br>84      | 84<br>80   | 119<br>79 | 69<br>63    | 69<br>71  | 76<br>26     | 66<br>62    | 79<br>26  | 78<br>37    | 114<br>0.33  | 94<br>-0.7     | 82<br>39    | 79<br>23  | 84<br>1.6   | 82<br>8.8   | 77<br>70           | 71<br>37  | 80<br>141  | 55<br>-53   | 80<br>-65   | 93<br>0.37  | 88<br>15.0  | 85<br>2.9    | 78<br>0.8   | 78<br>21  | 82<br>-1    | 77<br>31  | 84<br>1.26  | 82<br>-0.32 | 88<br>-0.27 | 82<br>0.36  | 59<br>9     | 5<br>38  |
| PA 130797<br>Red<br>13797               |                                                                                     | 213U<br>PA 070602        | 91<br>86         | 102<br>91     | 99<br>81   | 118<br>81 | 74<br>59    | 96<br>72  |              |             | 92<br>18  | 83<br>44    | 89<br>2.68   | 85<br>0.3      | 82<br>39    | 102<br>35 | 99<br>6.4   | 100<br>15.9 | 109<br>159         | 97<br>62  | 93<br>189  | 88<br>44    | 93<br>-88   | 94<br>0.40  | 97<br>28    | 69<br>59     | 78<br>35    | 96<br>84  | 92<br>-1    | 93<br>44  | 85<br>1.38  | 85<br>0.02  | 91<br>-0.09 | 84<br>0.39  | 56<br>14    | 48<br>41 |
| PT 081787<br>Black<br>NETTAS WSTN WMAN  |                                                                                     | 9185101<br>PT 000873     | 121<br>48        | 49<br>52      | 108<br>51  | 136<br>44 | 104<br>46   | 68<br>44  | 45<br>21     | 58<br>39    | 50<br>6   | 64<br>19    | 119<br>-0.15 | 103<br>-1.8    | 66<br>18    | 49<br>8   | 108<br>9.2  | 88<br>8.8   | 77<br>70           | 43<br>10  | 48<br>19   | 69<br>-13   | 47<br>-8    | 89<br>0.21  | 56<br>1.1   | 122<br>-14.4 | 121<br>-5.0 | 78<br>20  | 63<br>-3    | 53<br>12  | 42<br>-2.77 | 98<br>1.53  | 91<br>-0.03 | 45<br>-0.36 | 1<br>1      | 7        |
| R503<br>Red<br>COLLIER FINISHED PRODUCT |  | 8389<br>8385             | 127<br>92        | 95<br>94      | 142<br>88  | 94<br>89  | 91<br>82    | 119<br>80 | 103<br>77    | 116<br>79   | 110<br>78 | 104<br>72   | 143<br>-2.38 | 120<br>-3.8    | 102<br>64   | 95<br>31  | 142<br>19.9 | 126<br>23.7 | 128<br>210         | 96<br>61  | 105<br>238 | 97<br>68    | 105<br>-108 | 63<br>-0.70 | 110<br>24.9 | 94<br>-1.5   | 93<br>-1.3  | 96<br>30  | 97<br>0     | 104<br>52 | 128<br>5.48 | 134<br>5.94 | 99<br>0.59  | 130<br>1.26 | 95<br>2     | 75<br>45 |
| RAT 190905<br>Red<br>RAT 190905         |                                                                                     | RK 150103<br>WB 120196   | 115<br>66        | 107<br>59     | 94<br>55   | 115<br>53 | 101<br>42   | 114<br>50 | 94<br>36     | 111<br>47   | 98<br>43  | 89<br>51    | 95<br>2.12   | 116<br>-3.3    | 85<br>43    | 107<br>37 | 94<br>4.6   | 98<br>15.5  | 107<br>154         | 100<br>65 | 97<br>204  | 96<br>65    | 101<br>-102 | 98<br>0.55  | 110<br>25.1 | 102<br>-5.1  | 117<br>-4.6 | 89<br>27  | 100<br>0    | 104<br>52 | 97<br>2.49  | 102<br>2.03 | 93<br>0.12  | 97<br>0.64  | 4           |          |
| RAT 202007<br>Red<br>RAT 202007         |                                                                                     | RK 150103<br>WB 120196   | 117<br>73        | 103<br>77     | 94<br>57   | 113<br>53 | 94<br>41    | 108<br>56 | 96<br>36     | 106<br>52   | 106<br>43 | 90<br>54    | 97<br>1.93   | 118<br>-3.5    | 87<br>45    | 103<br>35 | 94<br>4.9   | 97<br>14.9  | 103<br>143         | 96<br>61  | 98<br>211  | 94<br>60    | 97<br>-105  | 103<br>0.56 | 112<br>25.6 | 100<br>-4.1  | 117<br>-4.6 | 79<br>21  | 103<br>0    | 107<br>55 | 103<br>3.11 | 102<br>2.02 | 94<br>0.16  | 103<br>0.75 | 22          | 9        |
| RK 180031<br>Red<br>PRESIDENT           |                                                                                     | RK 150094<br>RK 150064   | 101<br>82        | 102<br>92     | 116<br>68  | 88<br>62  | 103<br>50   | 108<br>66 | 112<br>42    | 109<br>61   | 116<br>56 | 112<br>82   | 100<br>1.63  | 106<br>-2.2    | 110<br>75   | 107<br>35 | 116<br>11.8 | 111<br>19.5 | 110<br>161         | 108<br>73 | 113<br>267 | 102<br>83   | 127<br>-113 | 132<br>1.73 | 111<br>25.6 | 89<br>0.6    | 104<br>-2.8 | 109<br>38 | 95<br>0     | 106<br>54 | 112<br>3.99 | 123<br>4.65 | 124<br>2.72 | 115<br>0.97 | 87<br>6     | 61<br>7  |

Sires

| Bull                                    |                                                                                   |                         | Selection Values |               |            |           |             |           |              |             |           | Birth       |             |                | Wean        |           |             |             |             | Grwth & Adaptation |            |             |             |             | Fertility   |              |             |           | Frame       |           | 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    | Comb. mat   | Cow-Calf wn | 12m wt             | ADG        | Veld growth | FCR         | Skin Thickn | Scrotum     | Heifer Fert  | Cow Fert.   | Longevity | Frame score | Length    | EMA         | Fat         | Marbling    | Dress %     | Nr measured |          |
| ID<br>Comp.nr                           |                                                                                   |                         |                  |               |            |           |             |           |              |             |           |             |             |                |             |           |             |             |             |                    |            |             |             |             |             |              |             |           |             |           |             |             |             |             | Birth       | Wean     |
| RK 180037<br>Red HACKER                 |                                                                                   | 11X<br>RCM 110110       | 90<br>83         | 95<br>92      | 109<br>68  | 94<br>61  | 106<br>57   | 96<br>67  | 97<br>49     | 95<br>63    | 96<br>61  | 105<br>72   | 94<br>2.18  | 94<br>-0.7     | 105<br>67   | 95<br>31  | 109<br>9.5  | 104<br>16.8 | 102<br>138  | 101<br>66          | 95<br>200  | 113<br>114  | 90<br>-82   | 120<br>1.32 | 118<br>28.5 | 123<br>-15.2 | 97<br>-1.8  | 96<br>30  | 81<br>40    | 88<br>40  | 114<br>4.12 | 96<br>1.34  | 81<br>-0.89 | 112<br>0.92 | 107<br>3    | 63<br>3  |
| SCJ 200161<br>Black PRIDE OF RESTAURANT |  | SCJ 180003<br>HR 070471 | 87<br>91         | 101<br>90     | 106<br>85  | 98<br>84  | 95<br>84    | 97<br>78  | 107<br>82    | 98<br>79    | 122<br>83 | 105<br>73   | 95<br>2.10  | 89<br>-0.2     | 101<br>63   | 101<br>34 | 106<br>8.4  | 104<br>16.9 | 104<br>146  | 105<br>70          | 105<br>237 | 87<br>41    | 97<br>-95   | 99<br>0.57  | 88<br>15.2  | 85<br>2.6    | 86<br>-0.4  | 112<br>39 | 81<br>-1    | 93<br>44  | 111<br>3.85 | 134<br>6.01 | 127<br>3.03 | 115<br>0.97 | 78<br>83    | 22<br>83 |
| WB 060013<br>Red RED PRINCE             |                                                                                   | ROY82632<br>WB 980806   | 104<br>77        | 73<br>81      | 122<br>72  | 119<br>70 | 100<br>60   | 88<br>66  | 66<br>70     | 81<br>67    | 64<br>64  | 84<br>45    | 104<br>1.25 | 94<br>-0.7     | 79<br>34    | 73<br>20  | 122<br>13.6 | 106<br>15.7 | 105<br>149  | 74<br>40           | 80<br>141  | 147<br>214  | 105<br>-108 | 142<br>2.09 | 121<br>30.0 | 116<br>-11.9 | 94<br>-1.5  | 93<br>29  | 97<br>0     | 79<br>32  | 74<br>0.31  | 100<br>1.79 | 91<br>-0.07 | 75<br>0.21  | 16<br>6     | 15<br>10 |
| WB 100210<br>Black OUTCROSS             |                                                                                   | HFX540R<br>WB 040013    | 96<br>90         | 101<br>92     | 57<br>85   | 89<br>81  | 86<br>66    | 74<br>75  | 114<br>60    | 79<br>72    | 119<br>84 | 117<br>89   | 88<br>2.78  | 107<br>-2.3    | 115<br>81   | 101<br>34 | 57<br>-6.9  | 72<br>6.7   | 65<br>37    | 112<br>77          | 121<br>299 | 112<br>113  | 110<br>-118 | 104<br>0.77 | 105<br>22.8 | 81<br>4.6    | 125<br>-5.6 | 75<br>19  | 106<br>0    | 124<br>68 | 133<br>5.95 | 82<br>-0.44 | 103<br>0.94 | 129<br>1.23 | 77<br>20    | 52<br>18 |
| WB 150424<br>Red WB150424               |                                                                                   | R240<br>WB 110519       | 96<br>85         | 94<br>87      | 104<br>80  | 109<br>80 | 98<br>63    | 96<br>71  | 95<br>50     | 94<br>67    | 100<br>67 | 95<br>59    | 96<br>2.02  | 93<br>-0.7     | 90<br>49    | 94<br>31  | 104<br>7.8  | 101<br>15.4 | 102<br>140  | 102<br>67          | 101<br>221 | 90<br>48    | 100<br>-100 | 108<br>0.88 | 101<br>21.1 | 88<br>1.5    | 112<br>-3.8 | 97<br>31  | 98<br>0     | 103<br>52 | 124<br>5.15 | 90<br>0.58  | 82<br>-0.80 | 121<br>1.09 | 26<br>11    | 25<br>35 |
| WO 160008<br>Red WO160008               |                                                                                   | WB 130316<br>LKS 120111 | 102<br>77        | 77<br>86      | 90<br>60   | 103<br>64 | 82<br>48    | 68<br>62  | 103<br>30    | 71<br>56    | 99<br>42  | 94<br>58    | 116<br>0.17 | 96<br>-1.0     | 97<br>64    | 77<br>86  | 90<br>3.7   | 86<br>9.8   | 76<br>68    | 82<br>48           | 104<br>231 | 90<br>49    | 100<br>-100 | 107<br>0.85 | 94<br>17.8  | 80<br>5.2    | 84<br>-0.1  | 96<br>31  | 80<br>-2    | 84<br>36  | 119<br>4.63 | 97<br>1.46  | 108<br>1.36 | 117<br>1.01 | 31<br>4     | 31<br>4  |

# 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             | % Inbreeding | Genomic Parentage | <div>Index<br/>EBV<br/>Acc</div> | 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 | Comb mat | Cow-Calf wn | 12m wt              | ADG | Veld growth | FCR  | Skin Thickn | Scrotum   | Heifer Fert | Cow Fert. | Longevity | Frame score | Length | EMA     | Fat  | Marbling | Dress % |
|                |              |                   |                                  |                   |              |               |            |          |             |           |              |             |           |              |          |                |              |         |          |          |             |                     |     |             |      |             |           |             |           |           |             |        |         |      |          |         |
| WO 210072      |              | WO 160008         |                                  |                   | 83           | 87            | 94         | 95       | 83          | 72        | 95           | 72          | 92        | 102          | 98       | 84             | 106          | 87      | 94       | 92       | 84          | 91                  | 99  | 99          | 97   | 104         | 98        | 82          | 90        | 93        | 86          | 83     | 97      | 92   | 110      | 96      |
| Red            | 2            | WB 100170         |                                  |                   | 63           | 70            | 51         | 48       | 35          | 50        | 26           | 45          | 35        | 69           | 1.80     | 0.4            | 69           | 27      | 4.7      | 12       | 90          | 56                  | 212 | 75          | -95  | 0.7         | 19.6      | 4.2         | -0.9      | 28.7      | -1          | 36     | 2.50    | 0.88 | 1.58     | 0.61    |
| FOURBYE        |              |                   |                                  |                   |              |               |            |          |             |           |              |             |           | 30           | 73       | 57             | 48           | 70      | 51       |          | 56          | 49                  | 36  | 33          | 16   | 28          | 39        | 33          | 21        | 52        | 38          | 35     | 33      | 37   | 34       | 35      |
| DF 230024      |              | SCJ 200161        |                                  |                   | 98           | 107           | 100        | 106      | 94          | 107       | 94           | 104         | 105       | 95           | 80       | 99             | 94           | 107     | 100      | 102      | 109         | 101                 | 93  | 84          | 93   | 93          | 87        | 88          | 96        | 102       | 87          | 92     | 99      | 116  | 112      | 102     |
| Black          | 2            | DF 160024         |                                  |                   | 62           | 68            | 50         | 47       | 35          | 49        | 22           | 44          | 26        | 60           | 3.49     | -1.4           | 54           | 37      | 6.7      | 17       | 158         | 66                  | 193 | 30          | -88  | 0.4         | 14.9      | 1.3         | -1.6      | 34.0      | -1          | 42     | 2.75    | 3.73 | 1.75     | 0.72    |
| DF230024       |              |                   |                                  |                   |              |               |            |          |             |           |              |             |           | 27           | 72       | 56             | 47           | 68      | 50       |          | 55          | 32                  | 28  | 15          | 17   | 30          | 29        | 35          | 20        | 49        | 29          | 27     | 25      | 27   | 25       | 26      |
| DF 230035      |              | SCJ 200161        |                                  |                   | 120          | 77            | 103        | 118      | 102         | 89        | 91           | 87          | 95        | 83           | 115      | 112            | 82           | 77      | 103      | 94       | 91          | 76                  | 91  | 94          | 89   | 97          | 84        | 93          | 100       | 109       | 81          | 80     | 91      | 113  | 110      | 93      |
| Black          | 2            | DF 140015         |                                  |                   | 63           | 68            | 50         | 47       | 35          | 49        | 23           | 44          | 26        | 44           | 0.23     | -2.9           | 39           | 22      | 7.4      | 12       | 108         | 42                  | 182 | 61          | -81  | 0.5         | 13.5      | -0.8        | -2.2      | 37.5      | -1          | 33     | 1.96    | 3.46 | 1.52     | 0.56    |
| DF230035       |              |                   |                                  |                   |              |               |            |          |             |           |              |             |           | 27           | 73       | 57             | 47           | 68      | 50       |          | 55          | 33                  | 29  | 17          | 17   | 31          | 30        | 35          | 22        | 48        | 30          | 27     | 25      | 27   | 25       | 26      |
| DF 230041      |              | CP 168288         |                                  |                   | 121          | 87            | 99         | 112      | 94          | 95        |              |             | 92        | 90           | 114      | 115            | 88           | 87      | 99       | 95       | 94          | 90                  | 99  | 107         | 100  | 100         | 100       | 98          | 93        | 98        | 96          | 92     | 93      | 97   | 97       | 93      |
| Red            |              | DF 200012         |                                  |                   | 63           | 69            | 55         | 54       | 38          | 51        |              |             | 20        | 53           | 0.27     | -3.2           | 46           | 27      | 6.5      | 13       | 118         | 55                  | 213 | 98          | -99  | 0.6         | 20.6      | -3.2        | -1.3      | 31.4      | 0           | 43     | 2.11    | 1.51 | 0.46     | 0.55    |
| DF230041       |              |                   |                                  |                   |              |               |            |          |             |           |              |             |           | 18           | 72       | 59             | 54           | 69      | 55       |          | 59          | 32                  | 21  | 16          | 15   | 22          | 22        | 39          | 23        | 52        | 22          | 21     | 19      | 20   | 19       | 20      |
| DF 230051      |              | DF 200032         |                                  |                   | 109          | 88            | 101        | 125      | 88          | 94        |              |             | 94        | 109          | 88       | 96             | 75           | 88      | 101      | 97       | 102         | 85                  | 90  | 84          | 93   | 91          | 92        | 93          | 90        | 93        | 98          | 94     | 97      | 106  | 102      | 97      |
| Black          | 6            | DF 160008         |                                  |                   | 57           | 66            | 46         | 43       | 29          | 45        |              |             | 8         | 32           | 0.83     | -1.0           | 30           | 28      | 6.8      | 14       | 139         | 50                  | 178 | 33          | -87  | 0.3         | 17.1      | -1.0        | -0.9      | 29.0      | 0           | 45     | 2.46    | 2.54 | 0.90     | 0.64    |
| DF230051       |              |                   |                                  |                   |              |               |            |          |             |           |              |             |           | 9            | 69       | 51             | 43           | 66      | 46       |          | 52          | 14                  | 13  | 8           | 12   | 15          | 15        | 29          | 15        | 42        | 14          | 13     | 8       | 8    | 8        | 8       |
| DF 230069      |              | E 200039          |                                  |                   | 94           | 109           | 102        | 87       | 80          | 99        |              |             | 108       | 115          | 93       | 102            | 113          | 109     | 102      | 104      | 103         | 106                 | 104 | 89          | 105  | 90          | 102       | 78          | 80        | 98        | 103         | 107    | 104     | 110  | 101      | 105     |
| Black          |              | DF 190035         |                                  |                   | 59           | 66            | 47         | 45       | 31          | 46        |              |             | 12        | 85           | 2.27     | -1.7           | 78           | 38      | 7.4      | 18       | 143         | 71                  | 233 | 45          | -108 | 0.3         | 21.4      | 5.8         | 0.4       | 31.4      | 0           | 54     | 3.21    | 3.09 | 0.82     | 0.79    |
| DF230069       |              |                   |                                  |                   |              |               |            |          |             |           |              |             |           | 14           | 70       | 53             | 45           | 66      | 47       |          | 53          | 29                  | 18  | 17          | 10   | 19          | 19        | 31          | 18        | 45        | 19          | 17     | 12      | 13   | 12       | 12      |
| KCM 230033     |              | KCM 210005        |                                  |                   | 101          | 102           | 118        | 90       | 105         | 109       | 99           | 107         | 104       | 108          | 101      | 105            | 108          | 102     | 118      | 113      | 111         | 100                 | 99  | 86          | 95   | 77          | 111       | 110         | 96        | 104       | 80          | 92     | 108     | 115  | 121      | 109     |
| Black          | 4            | KCM 200090        |                                  |                   | 83           | 85            | 81         | 81       | 79          | 74        | 78           | 75          | 78        | 76           | 1.53     | -2.0           | 72           | 35      | 12.2     | 20       | 166         | 65                  | 213 | 38          | -91  | -0.2        | 25.3      | -8.8        | -1.8      | 34.7      | -2          | 42     | 3.58    | 3.70 | 2.48     | 0.87    |
| MOONSHADOW 333 |              |                   |                                  |                   |              |               |            |          |             |           |              |             |           | 78           | 86       | 82             | 81           | 85      | 81       |          | 82          | 79                  | 78  | 78          | 78   | 79          | 79        | 79          | 78        | 81        | 78          | 78     | 78      | 78   | 78       |         |
| RAT 232302     |              | RAT 190905        |                                  |                   | 108          | 109           | 95         | 115      | 102         | 115       | 108          | 114         | 108       | 87           | 92       | 107            | 86           | 109     | 95       | 100      | 110         | 105                 | 108 | 99          | 109  | 108         | 111       | 98          | 114       | 94        | 103         | 110    | 112     | 102  | 102      | 112     |
| Red            | 7            | RAT 202016        |                                  |                   | 55           | 43            | 39         | 42       | 27          | 37        | 22           | 34          | 27        | 49           | 2.36     | -2.3           | 43           | 38      | 5.2      | 16       | 162         | 70                  | 249 | 75          | -116 | 0.9         | 25.3      | -3.3        | -4.1      | 29.6      | 0           | 57     | 3.98    | 2.07 | 0.89     | 0.91    |
| RAT 232302     |              |                   |                                  |                   |              |               |            |          |             |           |              |             |           | 30           | 67       | 50             | 42           | 43      | 39       |          | 41          | 31                  | 28  | 28          | 16   | 27          | 30        | 26          | 18        | 38        | 29          | 27     | 26      | 28   | 26       | 27      |
| DF 240002      |              | DF 200007         |                                  |                   | 83           | 108           | 98         | 112      | 67          | 95        |              |             | 84        | 80           | 81       | 77             | 88           | 108     | 98       | 101      | 110         | 102                 | 79  | 92          | 92   | 88          | 89        | 97          | 87        | 60        | 103         | 90     | 86      | 100  | 95       | 86      |
| Red            |              |                   |                                  |                   | 48           | 35            | 28         | 28       | 23          | 29        |              |             | 10        | 40           | 3.44     | 1.2            | 46           | 37      | 6.1      | 17       | 162         | 67                  | 136 | 54          | -86  | 0.2         | 15.6      | -2.9        | -0.5      | 10.6      | 0           | 41     | 1.42    | 1.84 | 0.25     | 0.43    |
| DF240002       |              |                   |                                  |                   |              |               |            |          |             |           |              |             |           | 10           | 62       | 40             | 28           | 35      | 28       |          | 30          | 15                  | 12  | 10          | 9    | 11          | 13        | 24          | 14        | 30        | 12          | 12     | 10      | 11   | 10       | 10      |
| DF 240005      |              | KCM 210052        |                                  |                   | 95           | 105           | 101        | 95       | 99          | 102       |              |             | 95        | 106          | 90       | 101            | 105          | 105     | 101      | 102      | 102         | 101                 | 95  | 102         | 96   | 103         | 96        | 96          | 106       | 97        | 99          | 100    | 90      | 97   | 95       | 90      |
| Red            | 1            | DF 190051         |                                  |                   | 57           | 66            | 44         | 41       | 30          | 45        |              |             | 17        | 74           | 2.59     | -1.6           | 68           | 36      | 7.0      | 17       | 141         | 66                  | 200 | 83          | -93  | 0.7         | 18.9      | -2.3        | -3.0      | 31.0      | 0           | 49     | 1.84    | 1.45 | 0.30     | 0.50    |
| Futara 2nd     |              |                   |                                  |                   |              |               |            |          |             |           |              |             |           | 12           | 70       | 50             | 41           | 66      | 44       |          | 50          | 27                  | 19  | 14          | 8    | 21          | 21        | 29          | 17        | 44        | 20          | 18     | 16      | 18   | 16       | 17      |
| DF 240008      |              | KCM 210052        |                                  |                   | 110          | 99            | 98         | 102      | 112         | 106       |              |             | 94        | 98           | 103      | 110            | 97           | 99      | 98       | 98       | 99          | 93                  | 92  | 102         | 93   | 103         | 94        | 107         | 113       | 106       | 95          | 96     | 91      | 104  | 100      | 92      |
| Black          |              | DF 210042         |                                  |                   | 54           | 65            | 40         | 40       | 26          | 42        |              |             | 18        | 63           | 1.35     | -2.7           | 58           | 33      | 6.0      | 15       | 130         | 58                  | 188 | 82          | -88  | 0.7         | 18.0      | -7.3        | -4.0      | 35.8      | 0           | 46     | 1.90    | 2.36 | 0.72     | 0.53    |
| DF240008       |              |                   |                                  |                   |              |               |            |          |             |           |              |             |           | 12           | 69       | 48             | 40           | 65      | 40       |          | 48          | 22                  | 19  | 13          | 10   | 22          | 22        | 23          | 14        | 40        | 21          | 19     | 17      | 18   | 17       | 18      |
| DF 240009      |              | DF 210039         |                                  |                   | 115          | 74            | 89         | 120      | 91          | 76        |              |             | 79        | 78           | 114      | 106            | 81           | 74      | 89       | 84       | 77          | 71                  | 82  | 81          | 84   | 95          | 77        | 97          | 85        | 99        | 83          | 75     | 79      | 96   | 96       | 80      |
| Black          | 1            | DF 180037         |                                  |                   | 57           | 66            | 42         | 34       | 28          | 43        |              |             | 10        | 37           | 0.35     | -2.1           | 37           | 21      | 3.1      | 9        | 71          | 37                  | 148 | 22          | -72  | 0.4         | 10.4      | -3.0        | -0.2      | 32.0      | -1          | 30     | 0.82    | 1.34 | 0.37     | 0.31    |
| DF240009       |              |                   |                                  |                   |              |               |            |          |             |           |              |             |           | 13           | 70       | 48             | 34           | 66      | 42       |          | 47          | 17                  | 12  | 10          | 8    | 13          | 13        | 27          | 16        | 42        | 13          | 12     | 9       | 10   | 9        | 10      |

# 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        | % 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 | Growth Value | Prod. Value | Carcass V | Cow wt -brth | Birth wt | Cow-Calf birth | Cow wt -wean | Wean wt | Wean mat | Comb mat | Cow-Calf wn         | 12m wt | ADG | Yeld growth | FCR  | Skin Thickn | Scrotum | Heifer Fert | Cow Fert. | Longevity | Frame score | Length  | EMA   | Fat  | Marbling | Dress % |
|           |              |                   |                                  |                 |        |              |               |            |          |             |           |              |             |           |              |          |                |              |         |          |          |                     |        |     |             |      |             |         |             |           |           |             |         |       |      |          |         |
| DF 240013 | Red          | 1                 | KCM 210052                       | DF 130009       |        | 112          | 90            | 120        | 105      | 102         | 104       | 95           | 102         | 93        | 93           | 103      | 111            | 92           | 90      | 120      | 110      | 111                 | 87     | 95  | 91          | 90   | 104         | 90      | 103         | 98        | 103       | 93          | 95      | 93    | 104  | 100      | 93      |
| DF240013  |              |                   |                                  |                 |        | 60           | 68            | 49         | 44       | 30          | 47        | 22           | 42          | 17        | 57           | 1.37     | -2.8           | 52           | 28      | 13.0     | 18       | 165                 | 52     | 198 | 52          | -83  | 0.8         | 16.2    | -5.6        | -2.0      | 34.2      | -1          | 45      | 2.07  | 2.28 | 0.72     | 0.56    |
|           |              |                   |                                  |                 |        |              |               |            |          |             |           |              |             |           | 13           | 71       | 53             | 44           | 68      | 49       | 54       | 26                  | 25     | 17  | 19          | 29   | 28          | 28      | 17          | 45        | 27        | 24          | 16      | 18    | 16   | 17       |         |
| DF 240015 | Black        |                   | KCM 210052                       | DF 210076       |        | 106          | 92            | 109        | 107      | 113         | 104       |              |             | 93        | 92           | 100      | 104            | 92           | 92      | 109      | 103      | 105                 | 91     | 93  | 107         | 95   | 98          | 95      | 113         | 108       | 106       | 94          | 96      | 90    | 105  | 102      | 91      |
| DF240015  |              |                   |                                  |                 |        | 56           | 66            | 42         | 41       | 27          | 44        |              |             | 18        | 56           | 1.60     | -1.9           | 52           | 30      | 9.5      | 16       | 146                 | 56     | 192 | 96          | -91  | 0.5         | 18.2    | -10.6       | -3.3      | 36.0      | 0           | 45      | 1.80  | 2.45 | 0.86     | 0.51    |
|           |              |                   |                                  |                 |        |              |               |            |          |             |           |              |             |           | 12           | 70       | 49             | 41           | 66      | 42       | 50       | 22                  | 20     | 14  | 10          | 22   | 22          | 27      | 14          | 41        | 21        | 19          | 17      | 19    | 17   | 18       |         |
| DF 240020 | Black        | 7                 | DF 210039                        | DF 160043       |        | 125          | 71            | 90         | 127      | 123         | 88        |              |             | 72        | 73           | 118      | 114            | 75           | 71      | 90       | 84       | 77                  | 65     | 74  | 84          | 77   | 101         | 68      | 123         | 112       | 112       | 79          | 70      | 70    | 97   | 95       | 71      |
| DF240020  |              |                   |                                  |                 |        | 59           | 68            | 49         | 44       | 30          | 47        |              |             | 10        | 31           | -0.08    | -3.1           | 29           | 19      | 3.5      | 9        | 70                  | 32     | 120 | 32          | -59  | 0.6         | 6.1     | -15.1       | -3.8      | 39.4      | -2          | 25      | -0.07 | 1.49 | 0.25     | 0.14    |
|           |              |                   |                                  |                 |        |              |               |            |          |             |           |              |             |           | 14           | 71       | 53             | 44           | 68      | 49       | 54       | 19                  | 14     | 10  | 12          | 15   | 15          | 28      | 18          | 44        | 14        | 13          | 9       | 10    | 9    | 10       |         |
| DF 240027 | Red          | 1                 | KCM 210052                       | DF 210067       |        | 112          | 96            | 104        | 95       | 118         | 106       |              |             | 89        | 103          | 107      | 114            | 104          | 96      | 104      | 101      | 98                  | 88     | 87  | 90          | 88   | 104         | 93      | 117         | 117       | 106       | 92          | 92      | 86    | 99   | 94       | 86      |
| DF240027  |              |                   |                                  |                 |        | 56           | 66            | 43         | 41       | 27          | 44        |              |             | 17        | 70           | 0.93     | -3.1           | 67           | 31      | 7.9      | 16       | 129                 | 53     | 169 | 49          | -79  | 0.8         | 17.4    | -12.1       | -4.5      | 35.9      | -1          | 43      | 1.42  | 1.65 | 0.22     | 0.43    |
|           |              |                   |                                  |                 |        |              |               |            |          |             |           |              |             |           | 12           | 70       | 49             | 41           | 66      | 43       | 50       | 21                  | 19     | 13  | 7           | 21   | 21          | 27      | 14          | 41        | 20        | 18          | 16      | 18    | 16   | 17       |         |
| DF 240028 | Black        | 1                 | DF 200078                        | DF 200031       |        | 133          | 87            | 83         | 107      | 111         | 96        |              |             | 91        | 94           | 123      | 129            | 94           | 87      | 83       | 84       | 79                  | 76     | 89  | 89          | 90   | 97          | 89      | 103         | 114       | 105       | 94          | 92      | 92    | 99   | 99       | 93      |
| DF240028  |              |                   |                                  |                 |        | 56           | 50            | 43         | 45       | 29          | 40        |              |             | 10        | 58           | -0.51    | -4.8           | 54           | 27      | 1.4      | 10       | 77                  | 42     | 174 | 47          | -82  | 0.5         | 15.5    | -5.7        | -4.1      | 35.6      | 0           | 42      | 2.06  | 1.70 | 0.61     | 0.55    |
|           |              |                   |                                  |                 |        |              |               |            |          |             |           |              |             |           | 12           | 68       | 51             | 45           | 50      | 43       | 46       | 17                  | 14     | 10  | 10          | 14   | 14          | 29      | 17          | 40        | 14        | 13          | 10      | 11    | 10   | 10       |         |
| DF 240033 | Red          |                   | KCM 210052                       | DF 190033       |        | 110          | 87            | 100        | 116      | 98          | 93        |              |             | 85        | 83           | 105      | 104            | 84           | 87      | 100      | 96       | 96                  | 84     | 89  | 99          | 89   | 104         | 93      | 94          | 102       | 100       | 87          | 87      | 81    | 98   | 93       | 82      |
| DF240033  |              |                   |                                  |                 |        | 58           | 67            | 47         | 43       | 30          | 46        |              |             | 17        | 44           | 1.19     | -1.9           | 41           | 27      | 6.8      | 13       | 124                 | 50     | 176 | 75          | -81  | 0.8         | 17.5    | -1.4        | -2.4      | 32.8      | -1          | 39      | 1.00  | 1.54 | 0.08     | 0.35    |
|           |              |                   |                                  |                 |        |              |               |            |          |             |           |              |             |           | 13           | 71       | 52             | 43           | 67      | 47       | 52       | 23                  | 19     | 14  | 7           | 22   | 21          | 29      | 17          | 44        | 20        | 18          | 16      | 18    | 16   | 17       |         |
| DF 240034 | Black        |                   | DF 210010                        | PT 120311       |        | 123          | 78            | 111        | 110      | 123         | 99        |              |             | 82        | 87           | 124      | 115            | 89           | 78      | 111      | 100      | 96                  | 72     | 81  | 83          | 83   | 90          | 79      | 119         | 131       | 101       | 87          | 83      | 75    | 104  | 99       | 77      |
| DF240034  |              |                   |                                  |                 |        | 60           | 67            | 50         | 46       | 32          | 47        |              |             | 12        | 49           | -0.58    | -3.2           | 47           | 23      | 10.0     | 14       | 122                 | 38     | 146 | 30          | -70  | 0.3         | 11.1    | -13.2       | -6.5      | 33.3      | -1          | 36      | 0.40  | 2.31 | 0.58     | 0.25    |
|           |              |                   |                                  |                 |        |              |               |            |          |             |           |              |             |           | 16           | 70       | 54             | 46           | 67      | 50       | 54       | 22                  | 15     | 8   | 10          | 16   | 16          | 31      | 19          | 46        | 15        | 14          | 11      | 12    | 11   | 12       |         |
| DF 240039 | Black        |                   | DF 210010                        | DF 170029       |        | 105          | 86            | 90         | 111      | 102         | 87        |              |             | 88        | 89           | 113      | 96             | 89           | 86      | 90       | 89       | 86                  | 87     | 92  | 100         | 93   | 91          | 86      | 97          | 98        | 106       | 90          | 87      | 83    | 99   | 99       | 84      |
| DF240039  |              |                   |                                  |                 |        | 51           | 54            | 47         | 46       | 32          | 42        |              |             | 12        | 52           | 0.38     | -1.0           | 48           | 27      | 3.6      | 11       | 95                  | 53     | 186 | 77          | -87  | 0.3         | 14.2    | -2.8        | -2.0      | 36.0      | -1          | 39      | 1.15  | 1.74 | 0.59     | 0.38    |
|           |              |                   |                                  |                 |        |              |               |            |          |             |           |              |             |           | 14           | 57       | 49             | 46           | 54      | 47       | 49       | 27                  | 15     | 10  | 9           | 16   | 15          | 31      | 20          | 45        | 15        | 14          | 12      | 13    | 12   | 12       |         |
| DF 240043 | Black        | 2                 | DF 210039                        | E 140378        |        | 112          | 102           | 100        | 92       | 97          | 103       | 91           | 100         | 97        | 110          | 110      | 114            | 108          | 102     | 100      | 101      | 98                  | 97     | 91  | 78          | 90   | 94          | 83      | 99          | 99        | 97        | 99          | 96      | 94    | 100  | 101      | 95      |
| DF240043  |              |                   |                                  |                 |        | 60           | 69            | 48         | 43       | 31          | 47        | 20           | 42          | 18        | 79           | 0.70     | -3.1           | 72           | 34      | 6.6      | 16       | 129                 | 62     | 182 | 15          | -82  | 0.4         | 13.1    | -3.8        | -2.2      | 31.0      | 0           | 45      | 2.24  | 1.78 | 0.80     | 0.58    |
|           |              |                   |                                  |                 |        |              |               |            |          |             |           |              |             |           | 20           | 72       | 53             | 43           | 69      | 48       | 53       | 35                  | 22     | 17  | 17          | 23   | 23          | 30      | 18          | 46        | 22        | 21          | 17      | 18    | 17   | 18       |         |
| DF 240047 | Black        | 1                 | DF 210009                        | DF 160007       |        | 118          | 71            | 107        | 113      | 117         | 88        |              |             | 80        | 84           | 121      | 109            | 86           | 71      | 107      | 95       | 89                  | 72     | 86  | 95          | 87   | 95          | 79      | 106         | 107       | 118       | 84          | 79      | 78    | 102  | 97       | 79      |
| DF240047  |              |                   |                                  |                 |        | 60           | 55            | 49         | 47       | 32          | 44        |              |             | 14        | 45           | -0.31    | -2.5           | 44           | 19      | 9.0      | 12       | 102                 | 38     | 164 | 64          | -78  | 0.4         | 11.0    | -7.1        | -3.2      | 42.5      | -1          | 33      | 0.64  | 2.08 | 0.49     | 0.29    |
|           |              |                   |                                  |                 |        |              |               |            |          |             |           |              |             |           | 17           | 70       | 54             | 47           | 55      | 49       | 50       | 22                  | 17     | 12  | 13          | 19   | 18          | 32      | 20          | 43        | 18        | 17          | 14      | 14    | 14   | 14       |         |
| DF 240051 | Black        |                   | DF 210010                        | DF 170075       |        | 108          | 97            | 97         | 107      | 95          | 99        |              |             | 95        | 92           | 111      | 103            | 92           | 97      | 97       | 97       | 98                  | 93     | 95  | 93          | 94   | 95          | 92      | 90          | 92        | 105       | 91          | 92      | 90    | 101  | 99       | 91      |
| DF240051  |              |                   |                                  |                 |        | 59           | 64            | 46         | 46       | 30          | 45        |              |             | 12        | 56           | 0.58     | -1.8           | 52           | 32      | 5.7      | 14       | 129                 | 59     | 198 | 56          | -89  | 0.4         | 16.8    | 0.4         | -1.2      | 35.5      | -1          | 42      | 1.87  | 1.91 | 0.59     | 0.52    |
|           |              |                   |                                  |                 |        |              |               |            |          |             |           |              |             |           | 14           | 70       | 54             | 46           | 64      | 46       | 52       | 23                  | 15     | 10  | 10          | 16   | 16          | 28      | 17          | 44        | 15        | 14          | 12      | 13    | 12   | 12       |         |
| DF 240053 | Black        | 1                 | DF 210010                        | DF 200015       |        | 124          | 90            | 92         | 95       | 101         | 94        |              |             | 98        | 103          | 124      | 122            | 105          | 90      | 92       | 91       | 86                  | 86     | 102 | 99          | 102  | 92          | 92      | 100         | 90        | 109       | 98          | 96      | 95    | 103  | 104      | 96      |
| DF240053  |              |                   |                                  |                 |        | 58           | 65            | 46         | 46       | 32          | 46        |              |             | 16        | 70           | -0.58    | -4.0           | 68           | 29      | 4.3      | 12       | 94                  | 52     | 226 | 73          | -103 | 0.3         | 17.1    | -4.5        | -0.9      | 37.5      | 0           | 46      | 2.35  | 2.13 | 1.04     | 0.61    |
|           |              |                   |                                  |                 |        |              |               |            |          |             |           |              |             |           | 16           | 69       | 53             | 46           | 65      | 46       | 52       | 26                  | 18     | 13  | 13          | 18   | 19          | 32      | 20          | 43        | 18        | 17          | 15      | 16    | 15   | 16       |         |

# 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         | % 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 | Growth Value | Prod. Value | Carcass V | Cow wt -brth | Birth wt | Cow-Calf birth | Cow wt -wean | Wean wt | Wean mat | Comb mat | Cow-Calf wn         | 12m wt | ADG | Yeld growth | FCR  | Skin Thickn | Scrotum | Heifer Fert | Cow Fert. | Longevity | Frame score | Length  | EMA  | Fat  | Marbling | Dress % |
|            |              |                   |                                  |                 |        |              |               |            |          |             |           |              |             |           |              |          |                |              |         |          |          |                     |        |     |             |      |             |         |             |           |           |             |         |      |      |          |         |
| DF 240055  |              | DF 210010         |                                  | DF 170005       |        | 109          | 97            | 92         | 107      | 101         | 98        |              |             | 97        | 93           | 109      | 105            | 94           | 97      | 92       | 94       | 94                  | 92     | 98  | 95          | 100  | 87          | 89      | 99          | 97        | 104       | 97          | 96      | 93   | 105  | 106      | 94      |
| Black      | 2            |                   |                                  |                 |        | 59           | 66            | 49         | 46       | 32          | 47        |              |             | 14        | 57           | 0.76     | -2.0           | 53           | 32      | 4.1      | 13       | 116                 | 57     | 209 | 63          | -100 | 0.2         | 15.4    | -3.8        | -1.8      | 35.1      | 0           | 46      | 2.07 | 2.46 | 1.20     | 0.57    |
| DF240055   |              |                   |                                  |                 |        |              |               |            |          |             |           |              |             |           | 14           | 70       | 53             | 46           | 66      | 49       |          | 54                  | 22     | 17  | 10          | 12   | 17          | 18      | 31          | 19        | 45        | 17          | 16      | 14   | 15   | 14       | 14      |
| DF 240057  |              | DF 210010         |                                  | DF 170013       |        | 112          | 91            | 96         | 103      | 116         | 98        |              |             | 95        | 96           | 117      | 107            | 97           | 91      | 96       | 94       | 91                  | 90     | 97  | 97          | 97   | 87          | 90      | 113         | 110       | 109       | 95          | 91      | 92   | 107  | 103      | 94      |
| Black      | 1            |                   |                                  |                 |        | 59           | 66            | 48         | 46       | 31          | 46        |              |             | 14        | 61           | 0.04     | -2.3           | 58           | 29      | 5.4      | 13       | 109                 | 55     | 205 | 68          | -95  | 0.2         | 16.0    | -10.3       | -3.6      | 37.8      | 0           | 42      | 2.06 | 2.62 | 1.00     | 0.57    |
| DF240057   |              |                   |                                  |                 |        |              |               |            |          |             |           |              |             |           | 16           | 70       | 54             | 46           | 66      | 48       |          | 53                  | 22     | 15  | 9           | 10   | 16          | 16      | 30          | 18        | 44        | 15          | 14      | 13   | 14   | 13       | 14      |
| DF 240066  |              | DF 210010         |                                  | DF 150046       |        | 123          | 68            | 93         | 118      | 101         | 76        |              |             | 89        | 81           | 134      | 108            | 83           | 68      | 93       | 85       | 75                  | 69     | 91  | 96          | 93   | 89          | 85      | 105         | 90        | 106       | 86          | 83      | 86   | 102  | 102      | 87      |
| Black      | 1            |                   |                                  |                 |        | 60           | 65            | 50         | 46       | 33          | 47        |              |             | 16        | 42           | -1.53    | -2.4           | 40           | 18      | 4.3      | 9        | 64                  | 36     | 182 | 65          | -87  | 0.2         | 13.7    | -6.5        | -0.9      | 35.8      | -1          | 35      | 1.42 | 2.02 | 0.87     | 0.44    |
| DF240066   |              |                   |                                  |                 |        |              |               |            |          |             |           |              |             |           | 16           | 70       | 54             | 46           | 65      | 50       |          | 54                  | 27     | 18  | 13          | 13   | 19          | 19      | 32          | 21        | 46        | 19          | 17      | 16   | 17   | 16       | 16      |
| DF 240077  |              | DF 210009         |                                  | DF 170008       |        | 117          | 75            | 79         | 128      | 102         | 79        |              |             | 82        | 72           | 112      | 106            | 75           | 75      | 79       | 78       | 71                  | 74     | 88  | 105         | 92   | 96          | 83      | 94          | 100       | 108       | 84          | 77      | 82   | 104  | 101      | 84      |
| Black      | 2            |                   |                                  |                 |        | 59           | 66            | 48         | 45       | 31          | 46        |              |             | 16        | 30           | 0.49     | -2.2           | 29           | 21      | 0.0      | 7        | 54                  | 40     | 174 | 92          | -87  | 0.5         | 12.8    | -1.4        | -2.2      | 36.9      | -1          | 31      | 1.10 | 2.26 | 0.81     | 0.38    |
| DF240077   |              |                   |                                  |                 |        |              |               |            |          |             |           |              |             |           | 15           | 70       | 53             | 45           | 66      | 48       |          | 53                  | 20     | 18  | 12          | 14   | 19          | 20      | 31          | 18        | 45        | 19          | 17      | 15   | 16   | 15       | 16      |
| DF 240081  |              | DF 210010         |                                  | DF 190035       |        | 105          | 89            | 106        | 102      | 98          | 92        |              |             | 93        | 96           | 112      | 101            | 97           | 89      | 106      | 100      | 97                  | 87     | 94  | 96          | 94   | 96          | 92      | 90          | 96        | 107       | 91          | 92      | 90   | 102  | 99       | 91      |
| Black      |              |                   |                                  |                 |        | 58           | 66            | 47         | 46       | 31          | 46        |              |             | 13        | 61           | 0.54     | -1.6           | 58           | 28      | 8.7      | 15       | 127                 | 53     | 196 | 66          | -89  | 0.5         | 17.0    | 0.5         | -1.6      | 36.3      | -1          | 43      | 1.82 | 2.09 | 0.64     | 0.51    |
| DF240081   |              |                   |                                  |                 |        |              |               |            |          |             |           |              |             |           | 15           | 69       | 53             | 46           | 66      | 47       |          | 53                  | 25     | 17  | 13          | 11   | 19          | 19      | 31          | 19        | 44        | 18          | 17      | 13   | 13   | 12       | 13      |
| DF 240083  |              | KCM 210052        |                                  | DF 200086       |        | 118          | 101           | 95         | 106      | 92          | 104       |              |             | 92        | 95           | 99       | 120            | 94           | 101     | 95       | 97       | 99                  | 92     | 95  | 100         | 93   | 104         | 98      | 93          | 93        | 97        | 95          | 96      | 94   | 95   | 93       | 94      |
| Red        | 1            |                   |                                  |                 |        | 56           | 66            | 42         | 42       | 30          | 44        |              |             | 19        | 59           | 1.73     | -3.8           | 54           | 34      | 5.0      | 15       | 131                 | 57     | 197 | 78          | -88  | 0.8         | 19.5    | -1.0        | -1.3      | 31.1      | 0           | 46      | 2.25 | 1.19 | 0.15     | 0.57    |
| DF240083   |              |                   |                                  |                 |        |              |               |            |          |             |           |              |             |           | 15           | 69       | 50             | 42           | 66      | 42       |          | 50                  | 25     | 23  | 16          | 10   | 25          | 25      | 30          | 18        | 43        | 24          | 22      | 18   | 20   | 18       | 19      |
| RAT 242401 |              | KDL 190162        |                                  | WB 110367       |        | 98           | 114           | 113        | 90       | 105         | 118       | 106          | 116         | 109       | 110          | 94       | 104            | 109          | 114     | 113      | 113      | 116                 | 112    | 107 | 90          | 105  | 109         | 105     | 97          | 108       | 105       | 99          | 105     | 101  | 85   | 101      | 99      |
| Red        |              |                   |                                  |                 |        | 64           | 60            | 52         | 49       | 38          | 48        | 26           | 44          | 34        | 79           | 2.17     | -2.0           | 73           | 40      | 10.8     | 21       | 178                 | 77     | 244 | 49          | -108 | 0.9         | 22.5    | -2.9        | -3.3      | 35.2      | 0           | 53      | 2.86 | 0.03 | 0.76     | 0.67    |
| RAT 242401 |              |                   |                                  |                 |        |              |               |            |          |             |           |              |             |           | 34           | 73       | 58             | 49           | 60      | 52       |          | 54                  | 42     | 36  | 24          | 15   | 35          | 39      | 37          | 26        | 51        | 38          | 35      | 33   | 36   | 33       | 34      |
| DF 250001  |              | E 200039          |                                  | DF 200040       |        | 97           | 100           | 91         | 107      | 91          | 94        |              |             | 101       | 95           | 93       | 96             | 93           | 100     | 91       | 94       | 96                  | 100    | 100 | 96          | 102  | 82          | 98      | 96          | 85        | 99        | 95          | 96      | 99   | 118  | 107      | 101     |
| Black      | 2            |                   |                                  |                 |        | 56           | 64            | 45         | 43       | 30          | 44        |              |             | 12        | 59           | 2.32     | -1.0           | 53           | 33      | 3.8      | 14       | 121                 | 65     | 217 | 65          | -104 | 0.0         | 19.6    | -2.3        | -0.2      | 31.8      | 0           | 46      | 2.71 | 3.96 | 1.30     | 0.71    |
| DF250001   |              |                   |                                  |                 |        |              |               |            |          |             |           |              |             |           | 13           | 67       | 51             | 43           | 64      | 45       |          | 51                  | 25     | 16  | 14          | 10   | 16          | 17      | 31          | 16        | 43        | 17          | 15      | 12   | 13   | 12       | 12      |
| DF 250006  |              | DF 200078         |                                  | DF 200058       |        | 93           | 114           | 90         | 111      | 90          | 108       |              |             | 88        | 88           | 81       | 90             | 89           | 114     | 90       | 98       | 108                 | 104    | 85  | 86          | 85   | 100         | 81      | 82          | 80        | 110       | 95          | 92      | 88   | 91   | 93       | 87      |
| Black      | 13           |                   |                                  |                 |        | 56           | 63            | 44         | 45       | 31          | 44        |              |             | 10        | 50           | 3.45     | -0.3           | 48           | 41      | 3.6      | 16       | 156                 | 69     | 160 | 38          | -74  | 0.6         | 12.1    | 4.4         | 0.5       | 38.3      | 0           | 43      | 1.61 | 0.75 | 0.14     | 0.44    |
| DF250006   |              |                   |                                  |                 |        |              |               |            |          |             |           |              |             |           | 12           | 66       | 51             | 45           | 63      | 44       |          | 51                  | 20     | 15  | 12          | 10   | 15          | 15      | 32          | 18        | 42        | 14          | 13      | 10   | 10   | 9        | 10      |
| DF 250009  |              | KCM 220090        |                                  | DF 220008       |        | 89           | 93            | 93         | 106      | 96          | 86        |              |             | 98        | 92           | 97       | 86             | 94           | 93      | 93       | 93       | 91                  | 100    | 102 | 110         | 104  | 96          | 95      | 99          | 93        | 99        | 100         | 97      | 96   | 104  | 104      | 97      |
| Black      | 3            |                   |                                  |                 |        | 55           | 64            | 41         | 43       | 29          | 43        |              |             | 12        | 55           | 1.94     | 0.2            | 53           | 30      | 4.4      | 13       | 110                 | 65     | 226 | 106         | -107 | 0.5         | 18.2    | -4.0        | -1.3      | 32.3      | 0           | 47      | 2.39 | 2.37 | 1.05     | 0.62    |
| BIG J      |              |                   |                                  |                 |        |              |               |            |          |             |           |              |             |           | 19           | 68       | 49             | 43           | 64      | 41       |          | 49                  | 19     | 15  | 11          | 12   | 16          | 15      | 28          | 17        | 41        | 15          | 14      | 12   | 13   | 12       | 12      |
| DF 250010  |              | KCM 220090        |                                  | DF 220075       |        | 125          | 97            | 101        | 93       | 107         | 106       |              |             | 102       | 106          | 119      | 124            | 107          | 97      | 101      | 100      | 96                  | 91     | 98  | 104         | 101  | 97          | 94      | 101         | 106       | 106       | 106         | 106     | 98   | 100  | 101      | 99      |
| Black      |              |                   |                                  |                 |        | 53           | 64            | 39         | 41       | 25          | 42        |              |             | 8         | 74           | -0.11    | -4.3           | 70           | 32      | 6.9      | 15       | 122                 | 56     | 211 | 89          | -101 | 0.5         | 17.7    | -4.7        | -3.0      | 36.1      | 0           | 54      | 2.63 | 1.84 | 0.81     | 0.66    |
| DF250010   |              |                   |                                  |                 |        |              |               |            |          |             |           |              |             |           | 10           | 68       | 48             | 41           | 64      | 39       |          | 48                  | 13     | 10  | 8           | 8    | 11          | 11      | 23          | 13        | 38        | 11          | 10      | 7    | 8    | 7        | 8       |
| DF 250013  |              | DF 160024         |                                  |                 |        | 131          | 80            | 82         | 116      | 71          | 78        |              |             | 87        | 78           | 127      | 123            | 85           | 80      | 82       | 81       | 75                  | 66     | 77  | 85          | 93   | 86          | 92      | 97          | 101       | 57        | 104         | 92      | 87   | 101  | 96       | 88      |
| Black      |              |                   |                                  |                 |        | 52           | 59            | 40         | 37       | 25          | 40        |              |             | 10        | 38           | -0.86    | -4.1           | 42           | 24      | 1.1      | 9        | 66                  | 33     | 129 | 35          | -87  | 0.1         | 16.7    | -2.9        | -2.4      | 8.8       | 0           | 43      | 1.56 | 1.97 | 0.32     | 0.46    |
| DF250013   |              |                   |                                  |                 |        |              |               |            |          |             |           |              |             |           | 11           | 64       | 46             | 37           | 59      | 40       |          | 45                  | 12     | 11  | 8           | 7    | 11          | 12      | 25          | 14        | 36        | 12          | 11      | 9    | 10   | 9        | 10      |

# 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        | % 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 | Growth Value | Prod. Value | Carcass V | Cow wt -brth | Birth wt | Cow-Calf birth | Cow wt -wean | Wean wt | Wean mat | Comb mat | Cow-Calf wn         | 12m wt | ADG | Yeld growth | FCR | Skin Thckn | Scrotum | Heifer Fert | Cow Fert. | Longevity | Frame score | Length  | EMA  | Fat  | Marbling | Dress % |
|           |              |                   |                                  |                 |        |              |               |            |          |             |           |              |             |           |              |          |                |              |         |          |          |                     |        |     |             |     |            |         |             |           |           |             |         |      |      |          |         |
| DF 250015 | Red          | DF 200034         |                                  |                 |        | 100          | 77            | 93         | 127      | 77          | 73        |              |             | 80        | 69           | 106      | 85             | 75           | 77      | 93       | 88       | 85                  | 75     | 74  | 93          | 86  | 88         | 89      | 109         | 94        | 63        | 95          | 82      | 81   | 105  | 96       | 82      |
| DF250015  |              |                   |                                  |                 |        | 48           | 57            | 32         | 26       | 21          | 35        |              |             | 6         | 25           | 1.06     | 0.3            | 29           | 22      | 4.5      | 10       | 93                  | 41     | 117 | 57          | -76 | 0.2        | 15.4    | -8.5        | -1.4      | 12.3      | 0           | 34      | 0.92 | 2.44 | 0.40     | 0.35    |
| DF250015  |              |                   |                                  |                 |        |              |               |            |          |             |           |              |             |           | 8            | 62       | 39             | 26           | 57      | 32       |          | 38                  | 10     | 8   | 5           | 6   | 9          | 9       | 22          | 11        | 31        | 8           | 8       | 6    | 7    | 6        | 6       |
| DF 250018 | Black        | DF 160028         |                                  |                 |        | 112          | 72            | 100        | 129      | 78          | 76        |              |             | 79        | 66           | 114      | 97             | 72           | 72      | 100      | 91       | 88                  | 68     | 73  | 89          | 88  | 88         | 82      | 111         | 88        | 66        | 96          | 80      | 78   | 100  | 94       | 79      |
| DF250018  |              |                   |                                  |                 |        | 51           | 59            | 39         | 37       | 24          | 39        |              |             | 10        | 21           | 0.35     | -1.1           | 26           | 19      | 6.5      | 11       | 100                 | 34     | 116 | 46          | -78 | 0.2        | 12.6    | -9.4        | -0.6      | 14.0      | 0           | 33      | 0.66 | 1.82 | 0.17     | 0.29    |
| DF250018  |              |                   |                                  |                 |        |              |               |            |          |             |           |              |             |           | 10           | 63       | 45             | 37           | 59      | 39       |          | 45                  | 16     | 11  | 9           | 8   | 11         | 12      | 23          | 15        | 34        | 12          | 11      | 10   | 10   | 10       | 10      |
| DF 250021 | Red          | DF 180011         |                                  |                 |        | 107          | 82            | 99         | 108      | 81          | 80        |              |             | 82        | 85           | 114      | 100            | 92           | 82      | 99       | 93       | 89                  | 74     | 72  | 79          | 85  | 90         | 89      | 104         | 113       | 60        | 100         | 88      | 82   | 100  | 92       | 83      |
| DF250021  |              |                   |                                  |                 |        | 51           | 58            | 37         | 35       | 22          | 38        |              |             | 4         | 46           | 0.31     | -1.5           | 51           | 25      | 6.5      | 13       | 103                 | 40     | 111 | 16          | -74 | 0.3        | 15.5    | -6.1        | -3.9      | 10.4      | 0           | 39      | 1.04 | 1.82 | 0.03     | 0.36    |
| DF250021  |              |                   |                                  |                 |        |              |               |            |          |             |           |              |             |           | 7            | 63       | 44             | 35           | 58      | 37       |          | 43                  | 12     | 8   | 7           | 5   | 9          | 8       | 21          | 13        | 32        | 8           | 7       | 4    | 4    | 4        | 4       |
| DF 250022 | Black        | DF 160032         |                                  |                 |        | 101          | 87            | 108        | 110      | 76          | 85        |              |             | 82        | 81           | 107      | 94             | 89           | 87      | 108      | 101      | 101                 | 80     | 72  | 81          | 86  | 93         | 79      | 107         | 92        | 63        | 103         | 88      | 78   | 99   | 93       | 79      |
| DF250022  |              |                   |                                  |                 |        | 51           | 55            | 33         | 36       | 21          | 37        |              |             | 6         | 41           | 0.98     | -0.7           | 47           | 27      | 9.2      | 15       | 136                 | 46     | 111 | 24          | -76 | 0.3        | 11.2    | -7.7        | -1.1      | 12.3      | 0           | 39      | 0.63 | 1.70 | 0.09     | 0.28    |
| DF250022  |              |                   |                                  |                 |        |              |               |            |          |             |           |              |             |           | 8            | 63       | 45             | 36           | 55      | 33       |          | 41                  | 15     | 10  | 7           | 7   | 11         | 10      | 18          | 11        | 34        | 10          | 9       | 6    | 7    | 6        | 6       |
| DF 250024 | Black        | DF 160021         |                                  |                 |        | 134          | 76            | 86         | 110      | 82          | 78        |              |             | 85        | 85           | 139      | 122            | 91           | 76      | 86       | 83       | 74                  | 64     | 73  | 82          | 85  | 88         | 80      | 112         | 97        | 66        | 101         | 89      | 79   | 99   | 94       | 80      |
| DF250024  |              |                   |                                  |                 |        | 52           | 60            | 41         | 37       | 24          | 40        |              |             | 6         | 47           | -2.04    | -4.1           | 50           | 21      | 2.3      | 9        | 61                  | 31     | 115 | 27          | -74 | 0.2        | 11.7    | -10.0       | -1.9      | 13.6      | 0           | 40      | 0.75 | 1.69 | 0.17     | 0.30    |
| DF250024  |              |                   |                                  |                 |        |              |               |            |          |             |           |              |             |           | 10           | 63       | 46             | 37           | 60      | 41       |          | 46                  | 17     | 12  | 7           | 7   | 13         | 13      | 25          | 14        | 34        | 13          | 11      | 5    | 6    | 5        | 6       |
| DF 250025 | Red          | KCM 220090        |                                  |                 |        | 106          | 104           | 92         | 99       | 93          | 101       |              |             | 97        | 102          | 105      | 107            | 101          | 104     | 92       | 96       | 97                  | 102    | 99  | 112         | 98  | 99         | 98      | 94          | 99        | 94        | 102         | 102     | 97   | 96   | 102      | 97      |
| DF250025  |              | DF 220039         |                                  |                 |        | 53           | 64            | 38         | 40       | 26          | 42        |              |             | 7         | 69           | 1.19     | -2.3           | 63           | 36      | 4.2      | 15       | 126                 | 67     | 214 | 111         | -97 | 0.6        | 19.5    | -1.4        | -2.1      | 29.6      | 0           | 51      | 2.51 | 1.33 | 0.83     | 0.62    |
| DF250025  |              |                   |                                  |                 |        |              |               |            |          |             |           |              |             |           | 10           | 68       | 47             | 40           | 64      | 38       |          | 47                  | 16     | 11  | 9           | 7   | 11         | 11      | 26          | 14        | 39        | 11          | 10      | 7    | 7    | 7        | 7       |
| DF 250026 | Black        | DF 200021         |                                  |                 |        | 113          | 106           | 86         | 97       | 74          | 96        |              |             | 98        | 99           | 109      | 114            | 104          | 106     | 86       | 93       | 92                  | 93     | 87  | 88          | 99  | 91         | 95      | 95          | 103       | 61        | 112         | 102     | 99   | 101  | 96       | 99      |
| DF250026  |              |                   |                                  |                 |        | 49           | 58            | 35         | 36       | 23          | 38        |              |             | 11        | 64           | 0.81     | -3.1           | 67           | 37      | 2.1      | 14       | 112                 | 58     | 167 | 42          | -99 | 0.3        | 18.2    | -2.0        | -2.6      | 11.2      | 1           | 51      | 2.68 | 1.91 | 0.40     | 0.67    |
| DF250026  |              |                   |                                  |                 |        |              |               |            |          |             |           |              |             |           | 11           | 62       | 43             | 36           | 58      | 35       |          | 43                  | 16     | 13  | 11          | 9   | 12         | 14      | 24          | 14        | 32        | 13          | 12      | 11   | 11   | 11       | 11      |
| DF 250029 | Black        | DF 160043         |                                  |                 |        | 103          | 95            | 90         | 109      | 94          | 92        |              |             | 82        | 85           | 103      | 99             | 91           | 95      | 90       | 92       | 92                  | 85     | 71  | 82          | 85  | 96         | 82      | 113         | 114       | 72        | 99          | 85      | 79   | 99   | 92       | 80      |
| DF250029  |              |                   |                                  |                 |        | 52           | 60            | 41         | 38       | 24          | 40        |              |             | 6         | 47           | 1.35     | -1.3           | 50           | 31      | 3.6      | 13       | 112                 | 51     | 108 | 25          | -73 | 0.5        | 12.4    | -10.4       | -4.1      | 17.3      | 0           | 37      | 0.80 | 1.67 | 0.01     | 0.31    |
| DF250029  |              |                   |                                  |                 |        |              |               |            |          |             |           |              |             |           | 9            | 63       | 46             | 38           | 60      | 41       |          | 46                  | 15     | 10  | 8           | 10  | 12         | 11      | 23          | 15        | 34        | 11          | 10      | 6    | 6    | 6        | 6       |
| DF 250033 | Black        | DF 150003         |                                  |                 |        | 87           | 92            | 94         | 120      | 73          | 81        |              |             | 85        | 73           | 96       | 75             | 81           | 92      | 94       | 93       | 97                  | 89     | 77  | 92          | 92  | 81         | 92      | 107         | 91        | 59        | 102         | 89      | 83   | 105  | 96       | 84      |
| DF250033  |              |                   |                                  |                 |        | 50           | 58            | 39         | 36       | 21          | 38        |              |             | 6         | 31           | 2.05     | 1.5            | 37           | 29      | 4.8      | 13       | 125                 | 54     | 129 | 55          | -86 | -0.1       | 17.1    | -7.5        | -1.1      | 10.1      | 0           | 40      | 1.15 | 2.47 | 0.38     | 0.39    |
| DF250033  |              |                   |                                  |                 |        |              |               |            |          |             |           |              |             |           | 11           | 63       | 44             | 36           | 58      | 39       |          | 44                  | 13     | 8   | 7           | 5   | 10         | 9       | 17          | 13        | 34        | 9           | 8       | 5    | 6    | 5        | 6       |
| DF 250034 | Black        | DF 160009         |                                  |                 |        | 98           | 89            | 107        | 112      | 97          | 93        |              |             | 80        | 80           | 100      | 92             | 87           | 89      | 107      | 101      | 103                 | 82     | 71  | 83          | 84  | 92         | 88      | 129         | 107       | 70        | 97          | 85      | 79   | 99   | 92       | 80      |
| DF250034  |              |                   |                                  |                 |        | 52           | 59            | 40         | 38       | 24          | 40        |              |             | 6         | 39           | 1.68     | -0.5           | 44           | 28      | 8.8      | 15       | 142                 | 48     | 107 | 29          | -71 | 0.3        | 15.2    | -18.0       | -3.2      | 16.0      | 0           | 37      | 0.79 | 1.69 | -0.01    | 0.31    |
| DF250034  |              |                   |                                  |                 |        |              |               |            |          |             |           |              |             |           | 11           | 63       | 46             | 38           | 59      | 40       |          | 46                  | 16     | 11  | 9           | 6   | 12         | 12      | 24          | 14        | 34        | 11          | 10      | 6    | 6    | 5        | 6       |
| DF 250035 | Black        | DF 200030         |                                  |                 |        | 109          | 85            | 90         | 118      | 82          | 82        |              |             | 81        | 76           | 112      | 99             | 83           | 85      | 90       | 88       | 87                  | 76     | 73  | 83          | 87  | 87         | 86      | 106         | 111       | 60        | 100         | 87      | 80   | 100  | 94       | 81      |
| DF250035  |              |                   |                                  |                 |        | 49           | 57            | 34         | 35       | 20          | 37        |              |             | 5         | 35           | 0.48     | -1.3           | 39           | 26      | 3.6      | 11       | 97                  | 42     | 114 | 28          | -78 | 0.2        | 14.4    | -7.3        | -3.7      | 10.5      | 0           | 39      | 0.86 | 1.86 | 0.19     | 0.32    |
| DF250035  |              |                   |                                  |                 |        |              |               |            |          |             |           |              |             |           | 6            | 62       | 43             | 35           | 57      | 34       |          | 42                  | 9      | 7   | 5           | 7   | 8          | 20      | 11          | 30        | 7         | 7           | 5       | 5    | 5    | 5        |         |
| DF 250043 | Black        | RAT 202007        |                                  |                 |        | 96           | 110           | 92         | 103      | 91          | 104       | 91           | 101         | 99        | 99           | 85       | 101            | 97           | 110     | 92       | 98       | 103                 | 104    | 92  | 91          | 97  | 92         | 100     | 93          | 106       | 87        | 98          | 99      | 91   | 100  | 99       | 91      |
| GRAHAM    | DF250043     | E 130288          |                                  |                 |        | 61           | 67            | 48         | 46       | 32          | 47        | 20           | 42          | 23        | 65           | 3.03     | -1.6           | 58           | 39      | 4.1      | 16       | 142                 | 69     | 189 | 51          | -94 | 0.3        | 20.7    | -0.9        | -3.0      | 25.6      | 0           | 48      | 1.89 | 1.79 | 0.61     | 0.52    |
| GRAHAM    | DF250043     |                   |                                  |                 |        |              |               |            |          |             |           |              |             |           | 26           | 72       | 55             | 46           | 67      | 48       |          | 54                  | 41     | 25  | 26          | 15  | 27         | 28      | 30          | 19        | 46        | 27          | 24      | 22   | 24   | 22       | 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                | % Inbreeding | Genomic Parentage | <div>Index<br/>EBV<br/>Acc</div> | 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 | Comb mat | Cow-Calf wn | 12m wt | ADG                 | Yeld growth | FCR  | Skin Thckn | Scrotum | Heifer Fert | Cow Fert. | Longevity | Frame score | Length | EMA  | Fat     | Marbling | Dress % |  |
|                   |              |                   | Sire ID<br>Dam ID                |                 |               |            |          |             |           |              |             |           |              |          |                |              |         |          |          |             |        |                     |             |      |            |         |             |           |           |             |        |      |         |          |         |  |
| DF 250044         |              | E                 | 170120                           | 82              | 111           | 87         | 94       | 67          | 88        |              |             | 102       | 101          | 87       | 88             | 107          | 111     | 87       | 95       | 96          | 109    | 94                  | 95          | 109  | 85         | 98      | 92          | 88        | 63        | 117         | 104    | 96   | 98      | 104      | 96      |  |
| Black             |              |                   |                                  | 52              | 60            | 36         | 37       | 24          | 39        |              |             | 18        | 68           | 2.82     | -0.1           | 71           | 39      | 2.6      | 15       | 123         | 74     | 196                 | 64          | -116 | 0.1        | 19.7    | -0.6        | -0.6      | 11.9      | 1           | 52     | 2.44 | 1.62    | 1.04     | 0.62    |  |
| DF250044          |              |                   |                                  |                 |               |            |          |             |           |              |             |           | 19           | 64       | 46             | 37           | 60      | 36       |          | 44          | 29     | 19                  | 14          | 12   | 18         | 20      | 21          | 14        | 36        | 20          | 18     | 17   | 18      | 17       | 18      |  |
| DF 250045         |              | RAT 202007        |                                  | 109             | 94            | 87         | 117      | 92          | 94        |              |             | 93        | 87           | 102      | 103            | 84           | 94      | 87       | 89       | 92          | 91     | 91                  | 95          | 94   | 96         | 98      | 93          | 105       | 89        | 96          | 95     | 91   | 95      | 92       | 90      |  |
| Black             | 1            | DF 170029         |                                  | 59              | 66            | 47         | 45       | 31          | 46        |              |             | 22        | 49           | 1.49     | -1.9           | 41           | 31      | 2.5      | 12       | 110         | 56     | 182                 | 63          | -90  | 0.5        | 19.5    | -1.2        | -2.9      | 26.7      | 0           | 45     | 1.88 | 1.16    | 0.02     | 0.51    |  |
| RED BULL DF250045 |              |                   |                                  |                 |               |            |          |             |           |              |             |           | 23           | 70       | 53             | 45           | 66      | 47       |          | 53          | 31     | 24                  | 26          | 14   | 25         | 26      | 30          | 20        | 44        | 25          | 23     | 21   | 23      | 21       | 22      |  |
| DF 250047         |              | DF                | 170045                           | 78              | 99            | 101        | 114      | 58          | 83        |              |             | 91        | 79           | 93       | 68             | 86           | 99      | 101      | 100      | 107         | 97     | 83                  | 88          | 96   | 90         | 89      | 86          | 69        | 65        | 108         | 97     | 85   | 98      | 93       | 86      |  |
| Black             |              |                   |                                  | 51              | 59            | 39         | 37       | 25          | 40        |              |             | 8         | 39           | 2.33     | 2.2            | 43           | 33      | 7.1      | 16       | 152         | 62     | 152                 | 42          | -93  | 0.3        | 15.8    | 2.1         | 2.0       | 13.3      | 1           | 47     | 1.37 | 1.54    | 0.11     | 0.42    |  |
| DF250047          |              |                   |                                  |                 |               |            |          |             |           |              |             |           | 7            | 63       | 45             | 37           | 59      | 39       |          | 45          | 17     | 12                  | 10          | 7    | 13         | 13      | 25          | 15        | 35        | 12          | 11     | 8    | 9       | 8        | 8       |  |
| DF 250048         |              | DF                | 130009                           | 105             | 90            | 111        | 112      | 73          | 91        |              |             | 92        | 81           | 106      | 99             | 86           | 90      | 111      | 104      | 106         | 84     | 82                  | 77          | 90   | 91         | 88      | 100         | 90        | 65        | 104         | 95     | 93   | 103     | 98       | 93      |  |
| Black             |              |                   |                                  | 53              | 59            | 41         | 38       | 23          | 40        |              |             | 6         | 42           | 1.11     | -1.3           | 44           | 28      | 10.0     | 16       | 152         | 50     | 151                 | 12          | -83  | 0.3        | 15.3    | -4.1        | -0.9      | 13.4      | 0           | 45     | 2.10 | 2.22    | 0.51     | 0.56    |  |
| DF250048          |              |                   |                                  |                 |               |            |          |             |           |              |             |           | 9            | 64       | 47             | 38           | 59      | 41       |          | 46          | 19     | 18                  | 12          | 18   | 22         | 21      | 21          | 14        | 35        | 20          | 17     | 6    | 6       | 5        | 6       |  |
| DF 250050         |              | RAT 202007        |                                  | 98              | 113           | 103        | 95       | 101         | 114       | 108          | 113         | 113       | 107          | 87       | 104            | 104          | 113     | 103      | 106      | 111         | 111    | 108                 | 96          | 109  | 109        | 109     | 97          | 113       | 95        | 103         | 110    | 113  | 107     | 106      | 113     |  |
| Black             | 1            | WO 220903         |                                  | 57              | 65            | 41         | 43       | 28          | 44        | 22           | 40          | 28        | 75           | 2.82     | -2.0           | 67           | 40      | 7.6      | 19       | 164         | 76     | 248                 | 66          | -115 | 0.9        | 24.6    | -2.8        | -4.0      | 29.9      | 0           | 57     | 4.03 | 2.68    | 1.22     | 0.94    |  |
| DF250050          |              |                   |                                  |                 |               |            |          |             |           |              |             |           | 26           | 71       | 51             | 43           | 65      | 41       |          | 50          | 35     | 29                  | 26          | 15   | 31         | 32      | 27          | 17        | 40        | 31          | 28     | 26   | 29      | 26       | 28      |  |
| DF 250055         |              | DF                | 230044                           | 88              | 93            | 96         | 118      | 79          | 86        |              |             | 88        | 76           | 92       | 79             | 82           | 93      | 96       | 95       | 99          | 89     | 79                  | 87          | 92   | 87         | 92      | 103         | 103       | 63        | 102         | 91     | 88   | 104     | 97       | 89      |  |
| Black             |              |                   |                                  | 45              | 54            | 28         | 21       | 16          | 32        |              |             | 4         | 35           | 2.36     | 1.0            | 39           | 30      | 5.4      | 14       | 131         | 55     | 137                 | 39          | -86  | 0.2        | 16.7    | -5.8        | -2.6      | 12.4      | 0           | 42     | 1.62 | 2.27    | 0.47     | 0.48    |  |
| DF250055          |              |                   |                                  |                 |               |            |          |             |           |              |             |           | 5            | 61       | 36             | 21           | 54      | 28       |          | 34          | 7      | 6                   | 4           | 5    | 6          | 7       | 15          | 7         | 26        | 6           | 6      | 4    | 5       | 4        | 4       |  |
| DF 250064         |              | KCM 220090        |                                  | 94              | 110           | 106        | 88       | 91          | 104       |              |             | 102       | 111          | 92       | 102            | 112          | 110     | 106      | 107      | 107         | 109    | 101                 | 108         | 103  | 95         | 96      | 89          | 95        | 96        | 106         | 105    | 101  | 101     | 101      | 101     |  |
| Black             |              | DF 210022         |                                  | 56              | 64            | 43         | 43       | 28          | 44        |              |             | 12        | 81           | 2.40     | -1.7           | 77           | 39      | 8.4      | 18       | 152         | 74     | 222                 | 99          | -104 | 0.4        | 18.7    | 0.9         | -1.6      | 30.6      | 0           | 53     | 2.85 | 1.89    | 0.83     | 0.70    |  |
| DF250064          |              |                   |                                  |                 |               |            |          |             |           |              |             |           | 12           | 69       | 50             | 43           | 64      | 43       |          | 50          | 17     | 14                  | 11          | 10   | 13         | 15      | 26          | 16        | 41        | 14          | 13     | 11   | 12      | 11       | 12      |  |
| DF 250066         |              | E                 | 150106                           | 107             | 78            | 88         | 112      | 65          | 67        |              |             | 86        | 84           | 126      | 93             | 89           | 78      | 88       | 85       | 77          | 78     | 74                  | 86          | 87   | 77         | 87      | 98          | 85        | 57        | 101         | 88     | 85   | 104     | 99       | 86      |  |
| Black             |              |                   |                                  | 52              | 61            | 39         | 37       | 24          | 40        |              |             | 14        | 45           | -0.83    | -0.7           | 47           | 22      | 3.0      | 9        | 71          | 43     | 119                 | 36          | -76  | -0.2       | 14.5    | -3.4        | -0.2      | 9.0       | 0           | 39     | 1.33 | 2.31    | 0.61     | 0.42    |  |
| DF250066          |              |                   |                                  |                 |               |            |          |             |           |              |             |           | 14           | 64       | 46             | 37           | 61      | 39       |          | 46          | 29     | 18                  | 16          | 15   | 20         | 20      | 23          | 14        | 36        | 19          | 18     | 14   | 15      | 15       | 14      |  |
| DF 250075         |              | RAT 202007        |                                  | 111             | 108           | 88         | 105      | 93          | 107       | 89           | 103         | 96        | 96           | 95       | 114            | 96           | 108     | 88       | 95       | 99          | 97     | 90                  | 86          | 92   | 100        | 99      | 92          | 108       | 89        | 97          | 98     | 97   | 94      | 93       | 96      |  |
| Red               | 1            | DF 200066         |                                  | 57              | 65            | 44         | 45       | 31          | 45        | 20           | 40          | 23        | 61           | 2.15     | -3.2           | 56           | 38      | 2.9      | 15       | 131         | 62     | 181                 | 37          | -87  | 0.6        | 20.0    | -0.4        | -3.3      | 26.8      | 0           | 47     | 2.51 | 1.10    | 0.09     | 0.62    |  |
| DF250075          |              |                   |                                  |                 |               |            |          |             |           |              |             |           | 23           | 69       | 52             | 45           | 65      | 44       |          | 51          | 29     | 25                  | 26          | 15   | 26         | 26      | 31          | 20        | 42        | 26          | 24     | 22   | 24      | 22       | 23      |  |
| DF 260003         |              | RAT 202007        |                                  | 111             | 100           | 93         | 111      | 95          | 102       | 93           | 99          | 103       | 91           | 105      | 107            | 89           | 100     | 93       | 95       | 99          | 99     | 97                  | 99          | 98   | 94         | 107     | 102         | 99        | 92        | 95          | 99     | 106  | 111     | 98       | 107     |  |
| Black             |              | DF 210027         |                                  | 57              | 52            | 41         | 44       | 29          | 40        | 22           | 36          | 26        | 54           | 1.20     | -2.2           | 47           | 34      | 4.6      | 14       | 132         | 64     | 205                 | 76          | -96  | 0.4        | 23.7    | -5.4        | -2.1      | 28.0      | 0           | 48     | 3.33 | 3.20    | 0.55     | 0.81    |  |
| DF260003          |              |                   |                                  |                 |               |            |          |             |           |              |             |           | 25           | 69       | 51             | 44           | 52      | 41       |          | 46          | 33     | 27                  | 28          | 17   | 28         | 29      | 30          | 18        | 40        | 28          | 26     | 25   | 27      | 25       | 26      |  |
| DF 260004         |              | RAT 202007        |                                  | 102             | 116           | 91         | 118      | 97          | 118       | 91           | 113         | 98        | 85           | 75       | 94             | 82           | 116     | 91       | 99       | 114         | 110    | 93                  | 94          | 97   | 94         | 103     | 99          | 107       | 92        | 96          | 97     | 97   | 104     | 98       | 98      |  |
| Red               |              | DF 200040         |                                  | 57              | 52            | 44         | 43       | 30          | 41        | 20           | 37          | 23        | 46           | 4.02     | -0.8           | 39           | 42      | 3.9      | 17       | 174         | 74     | 193                 | 59          | -95  | 0.4        | 21.8    | -3.6        | -3.2      | 28.0      | 0           | 47     | 2.54 | 2.36    | 0.58     | 0.65    |  |
| DF260004          |              |                   |                                  |                 |               |            |          |             |           |              |             |           | 23           | 69       | 51             | 43           | 52      | 44       |          | 46          | 26     | 24                  | 25          | 15   | 25         | 26      | 31          | 18        | 40        | 25          | 23     | 22   | 24      | 22       | 23      |  |
| DF 260005         |              | RAT 202007        |                                  | 139             | 84            | 87         | 108      | 90          | 90        | 99           | 90          | 102       | 93           | 126      | 140            | 92           | 84      | 87       | 86       | 80          | 75     | 99                  | 95          | 102  | 96         | 101     | 91          | 102       | 89        | 102         | 102    | 102  | 100     | 98       | 102     |  |
| Red               | 1            | DF 200024         |                                  | 57              | 52            | 43         | 45       | 31          | 41        | 22           | 37          | 24        | 58           | -0.82    | -6.1           | 52           | 25      | 2.6      | 10       | 79          | 41     | 214                 | 63          | -104 | 0.5        | 21.0    | 0.1         | -2.5      | 26.6      | 0           | 51     | 3.02 | 1.84    | 0.54     | 0.73    |  |
| DF260005          |              |                   |                                  |                 |               |            |          |             |           |              |             |           | 24           | 69       | 52             | 45           | 52      | 43       |          | 47          | 30     | 26                  | 27          | 17   | 27         | 28      | 31          | 20        | 41        | 27          | 25     | 23   | 25      | 24       | 24      |  |

# 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        | % Inbreeding | Genomic Parentage | <div>Index<br/>EBV<br/>Acc</div> | 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 | Comb mat | Cow-Calf wn | 12m wt              | ADG | Veld growth | FCR  | Skin Thickn | Scrotum   | Heifer Fert | Cow Fert. | Longevity | Frame score | Length | EMA     | Fat  | Marbling | Dress % |
|           |              |                   |                                  |                   |              |               |            |          |             |           |              |             |           |              |          |                |              |         |          |          |             |                     |     |             |      |             |           |             |           |           |             |        |         |      |          |         |
| DF 260006 | Red          | 1                 | RAT 202007<br>WO 190016          |                   | 95           | 119           | 100        | 105      | 92          | 117       | 102          | 115         | 107       | 97           | 78       | 94             | 94           | 119     | 100      | 106      | 117         | 115                 | 104 | 89          | 106  | 101         | 102       | 92          | 113       | 85        | 104         | 109    | 113     | 96   | 95       | 112     |
| GRAHAM E  |              |                   |                                  |                   | 59           | 51            | 39         | 35       | 31          | 39        | 24           | 36          | 29        | 62           | 3.73     | -0.8           | 54           | 43      | 6.6      | 19       | 182         | 79                  | 232 | 46          | -110 | 0.6         | 21.3      | -0.7        | -3.9      | 24.3      | 0           | 56     | 4.06    | 1.32 | 0.26     | 0.91    |
|           |              |                   |                                  |                   |              |               |            |          |             |           |              |             |           | 27           | 70       | 50             | 35           | 51      | 39       |          | 42          | 38                  | 30  | 28          | 18   | 29          | 33        | 31          | 21        | 40        | 32          | 29     | 28      | 30   | 28       | 29      |
| DF 260007 | Black        |                   | RAT 202007<br>DF 200050          |                   | 91           | 119           | 92         | 105      | 90          | 111       | 95           | 108         | 103       | 98           | 81       | 91             | 95           | 119     | 92       | 101      | 111         | 115                 | 97  | 92          | 100  | 95          | 105       | 90          | 95        | 94        | 102         | 104    | 101     | 104  | 97       | 101     |
| DF260007  |              |                   |                                  |                   | 57           | 52            | 43         | 43       | 29          | 41        | 20           | 37          | 22        | 63           | 3.45     | -0.4           | 55           | 43      | 4.3      | 17       | 164         | 80                  | 207 | 56          | -101 | 0.4         | 22.6      | 0.2         | -1.5      | 29.6      | 0           | 52     | 2.88    | 2.31 | 0.48     | 0.72    |
|           |              |                   |                                  |                   |              |               |            |          |             |           |              |             |           | 23           | 69       | 51             | 43           | 52      | 43       |          | 46          | 27                  | 24  | 25          | 16   | 25          | 26        | 30          | 18        | 40        | 25          | 23     | 22      | 23   | 22       | 22      |
| DF 260008 | Black        |                   | RAT 202007<br>DF 210028          |                   | 108          | 105           | 101        | 98       | 95          | 106       | 104          | 106         | 112       | 104          | 105      | 109            | 101          | 105     | 101      | 102      | 104         | 104                 | 105 | 89          | 105  | 93          | 108       | 95          | 104       | 93        | 105         | 110    | 109     | 110  | 100      | 110     |
| DF260008  |              |                   |                                  |                   | 57           | 52            | 42         | 44       | 29          | 41        | 22           | 37          | 24        | 72           | 1.19     | -2.5           | 63           | 36      | 7.0      | 17       | 145         | 69                  | 236 | 45          | -109 | 0.4         | 24.0      | -1.8        | -2.8      | 28.7      | 0           | 57     | 3.68    | 3.06 | 0.71     | 0.88    |
|           |              |                   |                                  |                   |              |               |            |          |             |           |              |             |           | 24           | 69       | 52             | 44           | 52      | 42       |          | 46          | 34                  | 26  | 26          | 17   | 27          | 28        | 30          | 18        | 40        | 27          | 25     | 24      | 25   | 24       | 24      |
| DF 260010 | Black        | 1                 | RAT 202007<br>DF 190015          |                   | 108          | 98            | 97         | 119      | 84          | 99        |              |             | 95        | 83           | 99       | 102            | 81           | 98      | 97       | 97       | 104         | 93                  | 92  | 89          | 94   | 99          | 102       | 81          | 97        | 90        | 95          | 97     | 94      | 96   | 92       | 93      |
| DF260010  |              |                   |                                  |                   | 50           | 52            | 43         | 43       | 29          | 40        |              |             | 22        | 44           | 1.69     | -1.7           | 38           | 32      | 5.7      | 15       | 145         | 58                  | 187 | 46          | -90  | 0.6         | 21.6      | 4.4         | -1.8      | 27.4      | 0           | 46     | 2.17    | 1.33 | -0.01    | 0.56    |
|           |              |                   |                                  |                   |              |               |            |          |             |           |              |             |           | 23           | 57       | 47             | 43           | 52      | 43       |          | 46          | 28                  | 24  | 26          | 14   | 25          | 26        | 30          | 18        | 40        | 25          | 23     | 21      | 23   | 21       | 22      |
| DF 260014 | Black        |                   | DF 230028                        |                   | 97           | 90            | 94         | 113      | 71          | 81        |              |             | 94        | 81           | 106      | 88             | 87           | 90      | 94       | 93       | 93          | 86                  | 83  | 85          | 94   | 90          | 89        | 95          | 87        | 67        | 100         | 91     | 90      | 109  | 101      | 91      |
| DF260014  |              |                   |                                  |                   | 47           | 33            | 25         | 24       | 20          | 27        |              |             | 14        | 41           | 1.08     | -0.1           | 45           | 28      | 4.8      | 13       | 113         | 51                  | 152 | 35          | -89  | 0.3         | 15.5      | -1.9        | -0.5      | 14.5      | 0           | 42     | 1.80    | 2.86 | 0.82     | 0.52    |
|           |              |                   |                                  |                   |              |               |            |          |             |           |              |             |           | 13           | 61       | 38             | 24           | 33      | 25       |          | 27          | 18                  | 14  | 8           | 8    | 16          | 15        | 23          | 11        | 25        | 15          | 14     | 13      | 14   | 12       | 14      |
| DF 260015 | Black        | 1                 | 916 SAT<br>DF 230040             |                   | 98           | 100           | 97         | 114      | 105         | 103       |              |             | 105       | 88           | 100      | 92             | 86           | 100     | 97       | 98       | 104         | 102                 | 105 | 100         | 105  | 86          | 105       | 98          | 95        | 112       | 99          | 102    | 102     | 113  | 107      | 104     |
| DF260015  |              |                   |                                  |                   | 49           | 39            | 24         | 22       | 21          | 29        |              |             | 8         | 51           | 1.63     | -0.5           | 44           | 33      | 5.8      | 15       | 144         | 67                  | 237 | 78          | -109 | 0.1         | 22.8      | -3.3        | -1.6      | 39.4      | 0           | 50     | 3.00    | 3.37 | 1.31     | 0.76    |
|           |              |                   |                                  |                   |              |               |            |          |             |           |              |             |           | 8            | 65       | 38             | 22           | 39      | 24       |          | 28          | 11                  | 9   | 5           | 7    | 9           | 10        | 22          | 8         | 33        | 9           | 9      | 8       | 8    | 8        | 8       |
| DF 260018 | Black        |                   | 916 SAT<br>DF 230022             |                   | 139          | 67            | 89         | 114      | 108         | 80        |              |             | 105       | 88           | 142      | 129            | 87           | 67      | 89       | 82       | 70          | 69                  | 105 | 93          | 104  | 82          | 109       | 102         | 95        | 114       | 95          | 97     | 101     | 115  | 112      | 103     |
| DF260018  |              |                   |                                  |                   | 48           | 39            | 23         | 21       | 21          | 28        |              |             | 12        | 51           | -2.32    | -4.9           | 45           | 17      | 3.2      | 8        | 50          | 35                  | 236 | 57          | -106 | 0.0         | 24.6      | -5.5        | -1.6      | 40.3      | 0           | 47     | 2.90    | 3.67 | 1.71     | 0.74    |
|           |              |                   |                                  |                   |              |               |            |          |             |           |              |             |           | 10           | 65       | 37             | 21           | 39      | 23       |          | 28          | 20                  | 15  | 9           | 9    | 17          | 17        | 21          | 9         | 34        | 17          | 15     | 11      | 12   | 11       | 12      |
| DF 260022 | Black        |                   | 916 SAT<br>DF 230015             |                   | 113          | 83            | 98         | 105      | 100         | 87        |              |             | 108       | 96           | 122      | 105            | 95           | 83      | 98       | 93       | 87          | 87                  | 105 | 94          | 103  | 88          | 100       | 92          | 84        | 116       | 95          | 100    | 100     | 115  | 110      | 102     |
| DF260022  |              |                   |                                  |                   | 50           | 39            | 26         | 24       | 23          | 30        |              |             | 14        | 61           | -0.47    | -2.1           | 55           | 25      | 5.9      | 12       | 97          | 52                  | 238 | 59          | -106 | 0.2         | 20.4      | -0.5        | -0.1      | 41.7      | 0           | 49     | 2.83    | 3.69 | 1.56     | 0.73    |
|           |              |                   |                                  |                   |              |               |            |          |             |           |              |             |           | 15           | 66       | 40             | 24           | 39      | 26       |          | 30          | 19                  | 15  | 8           | 9    | 16          | 16        | 23          | 12        | 35        | 16          | 14     | 13      | 15   | 13       | 14      |
| DF 260023 | Red          |                   | DF 230055                        |                   | 120          | 76            | 89         | 114      | 71          | 73        |              |             | 87        | 81           | 126      | 109            | 87           | 76      | 89       | 85       | 77          | 71                  | 80  | 84          | 91   | 91          | 92        | 93          | 96        | 63        | 101         | 91     | 87      | 103  | 94       | 88      |
| DF260023  |              |                   |                                  |                   | 46           | 34            | 26         | 22       | 18          | 27        |              |             | 4         | 42           | -0.78    | -2.5           | 45           | 22      | 3.2      | 9        | 71          | 37                  | 140 | 31          | -85  | 0.3         | 17.1      | -0.9        | -1.7      | 12.4      | 0           | 42     | 1.56    | 2.19 | 0.22     | 0.46    |
|           |              |                   |                                  |                   |              |               |            |          |             |           |              |             |           | 8            | 61       | 37             | 22           | 34      | 26       |          | 27          | 10                  | 7   | 4           | 4    | 8           | 8         | 21          | 8         | 24        | 7           | 7      | 4       | 4    | 4        | 4       |
| DF 260025 | Black        |                   | DF 210011                        |                   | 75           | 108           | 105        | 103      | 75          | 95        |              |             | 101       | 90           | 88       | 74             | 96           | 108     | 105      | 106      | 112         | 110                 | 96  | 97          | 108  | 85          | 99        | 102         | 83        | 71        | 111         | 102    | 99      | 111  | 104      | 100     |
| DF260025  |              |                   |                                  |                   | 49           | 36            | 33         | 36       | 24          | 32        |              |             | 14        | 53           | 2.73     | 1.6            | 56           | 38      | 8.1      | 18       | 167         | 74                  | 201 | 70          | -114 | 0.1         | 20.1      | -5.1        | 0.1       | 16.8      | 1           | 51     | 2.66    | 3.15 | 1.02     | 0.69    |
|           |              |                   |                                  |                   |              |               |            |          |             |           |              |             |           | 14           | 62       | 43             | 36           | 36      | 33       |          | 35          | 19                  | 15  | 9           | 11   | 15          | 16        | 25          | 16        | 30        | 16          | 15     | 14      | 15   | 14       | 14      |

# 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                 | % Inbreeding | Genomic 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 | Growth Value | Prod. Value | Carcass V | Cow wt -birth | Birth wt | Cow-Calf birth | Cow wt -wean | Wean dir | Wean mat | Comb mat | Cow-Calf wn | 12m wt                | ADG | Veld growth | FCR | Skin Thckn | Scrotum   | Heifer Fert | Cow Fert. | Longevity | Frame score | Length | EMA     | Fat  | Marbling | Dress % |
|                    |              |                   |                     |                   |              |               |            |          |             |           |              |             |           |               |          |                |              |          |          |          |             |                       |     |             |     |            |           |             |           |           |             |        |         |      |          |         |
| PT 120311          |              | PT 081787         |                     | PT 061569         | 127          | 67            | 126        | 124      | 134         | 103       |              |             |           | 72            | 115      | 117            | 74           | 67       | 126      | 106      | 106         | 55                    | 58  | 67          | 60  | 90         | 67        | 135         | 159       | 89        | 77          | 69     | 54      | 97   | 89       | 56      |
| Black              | 1            |                   |                     |                   | 75           | 73            | 80         | 73       | 47          | 62        |              |             |           | 30            | 0.24     | -3.5           | 29           | 17       | 15       | 16       | 151         | 22                    | 57  | -19         | -31 | 0.3        | 5.9       | -20.8       | -10.1     | 26.6      | -2          | 24     | -1.63   | 1.46 | -0.19    | -0.15   |
| JAMI'S SW IMPORTAT |              |                   |                     |                   | 21           | 72            | 74         |          |             |           |              |             |           | 21            | 72       | 74             | 73           | 73       | 80       |          | 75          | 25                    | 17  | 10          | 12  | 20         | 19        | 47          | 29        | 66        | 18          | 16     | 5       | 5    | 4        | 5       |
| DF 130009          |              | DF 100006         |                     | KHC 070112        | 115          | 92            | 130        | 109      | 97          | 111       | 93           | 107         | 92        | 90            | 104      | 112            | 88           | 92       | 130      | 117      | 123         | 86                    | 91  | 66          | 82  | 97         | 79        | 97          | 82        | 109       | 91          | 92     | 95      | 101  | 101      | 95      |
| Black              |              |                   |                     |                   | 80           | 75            | 81         | 75       | 45          | 63        | 36           | 58          | 12        | 53            | 1.22     | -2.9           | 46           | 29       | 16       | 20       | 197         | 52                    | 184 | -21         | -69 | 0.5        | 11.0      | -3.1        | 0.2       | 37.6      | -1          | 43     | 2.34    | 1.95 | 0.81     | 0.60    |
| DF130009           |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 18            | 81       | 78             | 75           | 75       | 81       |          | 77          | 39                    | 36  | 23          | 35  | 44         | 41        | 42          | 28        | 64        | 39          | 34     | 11      | 12   | 11       | 12      |
| E 130288           |              | D162              |                     | CRE 080287        | 102          | 85            | 86         | 106      | 90          | 78        |              |             |           | 94            | 108      | 97             | 95           | 85       | 86       | 86       | 80          | 83                    | 82  | 92          | 86  | 84         | 86        | 92          | 94        | 94        | 87          | 82     | 69      | 98   | 103      | 71      |
| Black              |              |                   |                     |                   | 79           | 75            | 75         | 74       | 47          | 63        |              |             |           | 58            | 0.88     | -1.2           | 55           | 26       | 2        | 10       | 78          | 48                    | 148 | 56          | -75 | 0.0        | 14.2      | -0.4        | -1.5      | 29.5      | -1          | 35     | -0.19   | 1.58 | 0.99     | 0.13    |
| PANSY 13A          |              |                   |                     |                   | 28           | 80            | 77         |          |             |           |              |             |           | 28            | 80       | 77             | 74           | 75       | 75       |          | 75          | 65                    | 24  | 20          | 11  | 28         | 27        | 46          | 26        | 68        | 25          | 22     | 17      | 20   | 17       | 18      |
| DF 150009          |              | PA 110710         |                     | DF 120062         | 93           | 89            | 92         | 102      | 81          | 77        |              |             |           | 95            | 105      | 90             | 99           | 89       | 92       | 91       | 86          | 85                    | 85  | 67          | 87  | 89         | 84        | 81          | 59        | 110       | 93          | 90     | 82      | 92   | 95       | 82      |
| Black              |              |                   |                     |                   | 78           | 68            | 79         | 74       | 50          | 62        |              |             |           | 60            | 1.14     | -0.3           | 60           | 28       | 4        | 12       | 95          | 51                    | 162 | -17         | -77 | 0.2        | 13.4      | 4.4         | 3.2       | 38.4      | -1          | 41     | 1.06    | 0.84 | 0.31     | 0.34    |
| DF150009           |              |                   |                     |                   | 16           | 79            | 76         |          |             |           |              |             |           | 16            | 79       | 76             | 74           | 68       | 79       |          | 74          | 36                    | 20  | 18          | 13  | 21         | 21        | 51          | 32        | 66        | 20          | 19     | 15      | 16   | 15       | 16      |
| E 150054           |              | D162              |                     | H 060177          | 92           | 77            | 97         | 100      | 78          | 66        |              |             |           | 98            | 106      | 90             | 100          | 77       | 97       | 90       | 80          | 81                    | 87  | 107         | 90  | 81         | 83        | 83          | 83        | 88        | 88          | 84     | 68      | 98   | 103      | 69      |
| Black              |              |                   |                     |                   | 79           | 68            | 74         | 75       | 43          | 60        |              |             |           | 64            | 1.03     | -0.2           | 61           | 22       | 6        | 11       | 79          | 47                    | 167 | 98          | -83 | -0.1       | 12.7      | 3.8         | 0.0       | 26.3      | -1          | 36     | -0.33   | 1.58 | 0.99     | 0.10    |
| MERRYLASS15A       |              |                   |                     |                   | 30           | 80            | 77         |          |             |           |              |             |           | 30            | 80       | 77             | 75           | 68       | 74       |          | 72          | 57                    | 23  | 17          | 12  | 28         | 26        | 39          | 22        | 67        | 25          | 22     | 17      | 19   | 17       | 18      |
| E 150106           |              | 8077              |                     | E 120248          | 88           | 81            | 100        | 111      | 77          | 72        | 77           | 69          | 87        | 90            | 104      | 73             | 89           | 81       | 100      | 94       | 89          | 91                    | 77  | 80          | 78  | 71         | 77        | 91          | 71        | 90        | 89          | 82     | 84      | 102  | 104      | 85      |
| Black              | 2            |                   |                     |                   | 77           | 75            | 76         | 73       | 47          | 62        | 34           | 56          | 30        | 53            | 1.24     | 1.7            | 47           | 24       | 7        | 12       | 104         | 57                    | 130 | 20          | -61 | -0.4       | 10.4      | -0.3        | 1.6       | 27.0      | -1          | 35     | 1.21    | 2.11 | 1.03     | 0.40    |
| ENCHANT13I         |              |                   |                     |                   | 28           | 79            | 76         |          |             |           |              |             |           | 28            | 79       | 76             | 73           | 75       | 76       |          | 75          | 58                    | 37  | 33          | 29  | 41         | 40        | 47          | 27        | 66        | 39          | 35     | 29      | 31   | 29       | 30      |
| DF 160009          |              | DF 130005         |                     | WIN 110007        | 123          | 70            | 116        | 117      | 143         | 101       |              |             |           | 79            | 121      | 112            | 81           | 70       | 116      | 101      | 97          | 63                    | 70  | 76          | 70  | 99         | 79        | 155         | 117       | 117       | 79          | 73     | 70      | 92   | 89       | 70      |
| Black              |              |                   |                     |                   | 77           | 74            | 77         | 76       | 46          | 62        |              |             |           | 39            | -0.36    | -2.9           | 37           | 18       | 12       | 14       | 125         | 30                    | 102 | 10          | -48 | 0.6        | 11.3      | -30.3       | -4.5      | 42.3      | -2          | 28     | -0.11   | 0.89 | -0.20    | 0.12    |
| DF160009           |              |                   |                     |                   | 23           | 78            | 76         |          |             |           |              |             |           | 23            | 78       | 76             | 76           | 74       | 77       |          | 76          | 31                    | 22  | 18          | 11  | 24         | 24        | 48          | 28        | 62        | 22          | 20     | 11      | 12   | 11       | 12      |
| DF 160021          |              | DF 130005         |                     | DF 060025         | 123          | 92            | 99         | 105      | 113         | 104       | 75           | 97          | 82        | 96            | 111      | 121            | 94           | 92       | 99       | 97       | 95          | 78                    | 76  | 73          | 76  | 92         | 65        | 120         | 96        | 109       | 90          | 86     | 70      | 92   | 93       | 71      |
| Black              |              |                   |                     |                   | 77           | 76            | 81         | 74       | 47          | 64        | 20           | 55          | 10        | 60            | 0.63     | -3.9           | 54           | 29       | 6        | 14       | 120         | 44                    | 126 | -1          | -58 | 0.3        | 5.0       | -13.5       | -1.8      | 37.8      | -1          | 38     | -0.10   | 0.87 | 0.15     | 0.13    |
| DF160021           |              |                   |                     |                   | 21           | 79            | 76         |          |             |           |              |             |           | 21            | 79       | 76             | 74           | 76       | 81       |          | 77          | 35                    | 24  | 14          | 14  | 27         | 26        | 49          | 29        | 63        | 25          | 23     | 10      | 11   | 10       | 10      |
| DF 160028          |              | DF 130005         |                     | DF 110013         | 142          | 62            | 97         | 136      | 103         | 84        | 77           | 79          | 74        | 66            | 136      | 127            | 67           | 62       | 97       | 85       | 78          | 55                    | 78  | 85          | 82  | 92         | 70        | 115         | 78        | 110       | 82          | 72     | 72      | 94   | 94       | 73      |
| Black              |              |                   |                     |                   | 76           | 74            | 77         | 74       | 46          | 62        | 20           | 54          | 20        | 22            | -1.74    | -4.7           | 19           | 14       | 6        | 9        | 74          | 22                    | 133 | 33          | -69 | 0.3        | 7.2       | -11.4       | 0.7       | 38.0      | -1          | 27     | 0.13    | 1.12 | 0.18     | 0.17    |
| DF160028           |              |                   |                     |                   | 21           | 78            | 75         |          |             |           |              |             |           | 21            | 78       | 75             | 74           | 74       | 77       |          | 75          | 32                    | 23  | 17          | 16  | 21         | 24        | 47          | 30        | 62        | 24          | 22     | 19      | 21   | 19       | 20      |
| DF 160032          |              | DF 130005         |                     | DF 080008         | 118          | 67            | 124        | 119      | 102         | 88        |              |             |           | 75            | 123      | 105            | 79           | 67       | 124      | 105      | 102         | 62                    | 67  | 77          | 71  | 100        | 58        | 117         | 85        | 102       | 85          | 71     | 60      | 93   | 91       | 61      |
| Black              | 4            |                   |                     |                   | 75           | 56            | 64         | 71       | 40          | 53        |              |             |           | 34            | -0.55    | -2.0           | 35           | 17       | 14       | 15       | 139         | 29                    | 93  | 12          | -50 | 0.6        | 1.9       | -12.1       | -0.2      | 33.9      | -1          | 26     | -1.02   | 0.91 | -0.05    | -0.04   |
| DF160032           |              |                   |                     |                   | 16           | 77            | 73         |          |             |           |              |             |           | 16            | 77       | 73             | 71           | 56       | 64       |          | 64          | 31                    | 20  | 15          | 14  | 22         | 21        | 36          | 22        | 61        | 20          | 18     | 13      | 14   | 13       | 14      |
| DF 160043          |              | DF 130005         |                     | DF 100061         | 117          | 82            | 92         | 121      | 139         | 101       | 66           | 92          | 67        | 79            | 110      | 109            | 79           | 82       | 92       | 89       | 87          | 73                    | 67  | 76          | 69  | 107        | 64        | 127         | 129       | 123       | 80          | 68     | 64      | 92   | 89       | 65      |
| Black              | 1            |                   |                     |                   | 77           | 76            | 81         | 75       | 46          | 63        | 20           | 54          | 12        | 38            | 0.72     | -2.5           | 35           | 25       | 4        | 11       | 98          | 39                    | 93  | 9           | -46 | 0.9        | 4.7       | -16.8       | -6.1      | 45.4      | -2          | 24     | -0.65   | 0.84 | -0.22    | 0.02    |
| DF160043           |              |                   |                     |                   | 18           | 79            | 76         |          |             |           |              |             |           | 18            | 79       | 76             | 75           | 76       | 81       |          | 77          | 30                    | 21  | 15          | 19  | 24         | 23        | 47          | 30        | 62        | 22          | 20     | 12      | 12   | 12       | 12      |
| DF 160059          |              | DF 130005         |                     | DF 120009         | 127          | 62            | 76         | 157      | 114         | 79        |              |             |           | 51            | 117      | 108            | 53           | 62       | 76       | 71       | 62          | 55                    | 63  | 86          | 64  | 89         | 66        | 121         | 90        | 114       | 69          | 56     | 53      | 91   | 86       | 55      |
| Black              |              |                   |                     |                   | 75           | 73            | 77         | 72       | 43          | 61        |              |             |           | 1             | 0.06     | -2.4           | 2            | 14       | -1       | 4        | 29          | 22                    | 75  | 39          | -38 | 0.2        | 5.2       | -14.2       | -0.8      | 40.6      | -2          | 14     | -1.68   | 0.72 | -0.50    | -0.18   |
| QUEEN B            |              |                   |                     |                   | 17           | 77            | 74         |          |             |           |              |             |           | 17            | 77       | 74             | 72           | 73       | 77       |          | 74          | 29                    | 14  | 10          | 9   | 15         | 14        | 40          | 28        | 61        | 14          | 12     | 8       | 9    | 8        | 8       |

# 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 | Growth Value | Prod. Value | Carcass V | Cow wt -birth | Birth wt | Cow-Calf birth | Cow wt -wean | Wean dir | Wean mat | Comb mat | Cow-Calf wn | 12m wt                | ADG | Veld growth | FCR  | Skin Thickn | Scrotum   | Heifer Fert | Cow Fert. | Longevity | Frame score | Length | EMA     | Fat  | Marbling | Dress % |
|            |              |                   | Sire ID<br>Dam ID   |                  |               |            |          |             |           |              |             |           |               |          |                |              |          |          |          |             |                       |     |             |      |             |           |             |           |           |             |        |         |      |          |         |
| E 160056   |              | WB                | 100210              | 80               | 82            | 50         | 115      | 95          | 55        | 95           | 58          | 94        | 87            | 89       | 74             | 89           | 82       | 50       | 61       | 50          | 97                    | 102 | 105         | 99   | 98          | 98        | 100         | 107       | 87        | 90          | 94     | 95      | 96   | 98       | 95      |
| Black      |              | E                 | 120254              | 75               | 66            | 74         | 73       | 46          | 59        | 32           | 54          | 44        | 49            | 2.68     | 1.5            | 47           | 25       | -9       | 2        | -5          | 62                    | 224 | 91          | -98  | 0.5         | 19.5      | -4.4        | -3.2      | 25.3      | -1          | 44     | 2.33    | 1.31 | 0.53     | 0.59    |
| ROSEBUD16B |              |                   |                     |                  |               |            |          |             |           |              |             |           | 31            | 78       | 74             | 73           | 66       | 74       | 71       | 53          | 45                    | 25  | 18          | 32   | 47          | 46        | 26          | 65        | 46        | 43          | 42     | 45      | 42   | 44       |         |
| E 170086   |              | 232               |                     | 89               | 86            | 76         | 98       | 70          | 62        |              |             | 82        | 102           | 106      | 88             | 104          | 86       | 76       | 79       | 68          | 90                    | 92  | 134         | 95   | 90          | 88        | 85          | 70        | 85        | 93          | 88     | 77      | 96   | 97       | 78      |
| Black      |              | E                 | 130322              | 74               | 58            | 60         | 68       | 35          | 52        |              |             | 13        | 69            | 1.03     | -0.1           | 66           | 26       | -1       | 8        | 44          | 55                    | 188 | 174         | -91  | 0.2         | 15.2      | 3.0         | 1.8       | 24.4      | -1          | 39     | 0.58    | 1.29 | 0.48     | 0.26    |
| Pansy 17A  |              |                   |                     |                  |               |            |          |             |           |              |             |           | 18            | 77       | 71             | 68           | 58       | 60       | 62       | 46          | 15                    | 11  | 7           | 19   | 18          | 25        | 17          | 63        | 17        | 15          | 12     | 14      | 12   | 13       |         |
| E 170120   |              | D162              |                     | 91               | 97            | 83         | 94       | 87          | 81        | 109          | 83          | 102       | 107           | 99       | 95             | 108          | 97       | 83       | 88       | 82          | 105                   | 110 | 107         | 116  | 85          | 95        | 89          | 78        | 102       | 110         | 101    | 93      | 91   | 113      | 93      |
| Black      |              | WB                | 090043              | 72               | 66            | 70         | 74       | 46          | 58        | 31           | 53          | 35        | 76            | 1.71     | -0.8           | 71           | 32       | 1        | 11       | 85          | 70                    | 257 | 98          | -127 | 0.1         | 18.4      | 0.9         | 0.7       | 33.8      | 1           | 50     | 2.13    | 0.76 | 1.82     | 0.55    |
| EILEEN 17A |              |                   |                     |                  |               |            |          |             |           |              |             |           | 37            | 72       | 73             | 74           | 66       | 70       | 70       | 57          | 37                    | 27  | 24          | 37   | 40          | 42        | 28          | 67        | 39        | 36          | 34     | 36      | 34   | 35       |         |
| DF 180010  |              | BAR               | 130009              | 124              | 75            | 66         | 141      | 94          | 77        | 79           | 73          | 78        | 63            | 111      | 126            | 65           | 75       | 66       | 69       | 62          | 64                    | 82  | 94          | 88   | 103         | 80        | 109         | 79        | 99        | 86          | 77     | 79      | 98   | 101      | 80      |
| Black      | 2            | DF                | 100052              | 74               | 73            | 74         | 73       | 46          | 61        | 24           | 54          | 20        | 18            | 0.60     | -4.5           | 17           | 21       | -4       | 4        | 30          | 30                    | 148 | 60          | -78  | 0.7         | 11.5      | -8.5        | 0.5       | 32.0      | -1          | 30     | 0.76    | 1.63 | 0.78     | 0.30    |
| DF180010   |              |                   |                     |                  |               |            |          |             |           |              |             |           | 17            | 77       | 73             | 73           | 73       | 74       | 73       | 29          | 26                    | 18  | 22          | 26   | 29          | 46        | 28          | 63        | 28        | 25          | 20     | 21      | 20   | 20       |         |
| DF 180011  |              | DF                | 150027              | 110              | 68            | 115        | 118      | 114         | 85        |              |             | 66        | 78            | 112      | 99             | 81           | 68       | 115      | 99       | 94          | 62                    | 67  | 72          | 68   | 95          | 77        | 110         | 127       | 97        | 78          | 72     | 67      | 95   | 90       | 68      |
| Black      |              | PT                | 120311              | 74               | 71            | 72         | 70       | 43          | 59        |              |             | 8         | 37            | 0.50     | -1.3           | 37           | 17       | 11       | 13       | 117         | 29                    | 92  | -4          | -45  | 0.4         | 10.5      | -9.1        | -5.9      | 30.9      | -2          | 27     | -0.34   | 1.15 | -0.18    | 0.08    |
| DF180011   |              |                   |                     |                  |               |            |          |             |           |              |             |           | 15            | 77       | 72             | 70           | 71       | 72       | 71       | 23          | 16                    | 13  | 10          | 17   | 17          | 42        | 27          | 59        | 16        | 15          | 8      | 9       | 8    | 8        |         |
| DF 180036  |              | DF                | 150060              | 107              | 75            | 89         | 133      | 96          | 79        | 80           | 75          | 79        | 71            | 117      | 86             | 70           | 75       | 89       | 84       | 81          | 74                    | 80  | 83          | 85   | 102         | 73        | 85          | 104       | 102       | 90          | 80     | 77      | 98   | 96       | 78      |
| Black      | 1            | DF                | 090030              | 70               | 68            | 69         | 72       | 42          | 57        | 20           | 50          | 14        | 28            | 0.08     | 0.2            | 23           | 21       | 3        | 9        | 82          | 40                    | 143 | 27          | -74  | 0.7         | 8.4       | 2.9         | -2.7      | 33.9      | -1          | 33     | 0.56    | 1.54 | 0.35     | 0.26    |
| DF180036   |              |                   |                     |                  |               |            |          |             |           |              |             |           | 16            | 74       | 70             | 72           | 68       | 69       | 70       | 27          | 22                    | 16  | 19          | 24   | 24          | 43        | 24          | 59        | 23        | 20          | 14     | 14      | 14   | 14       |         |
| DF 190012  |              | PA                | 130797              | 128              | 80            | 75         | 150      | 89          | 87        |              |             | 79        | 58            | 113      | 114            | 58           | 80       | 75       | 77       | 77          | 68                    | 81  | 83          | 81   | 95          | 82        | 90          | 83        | 101       | 82          | 78     | 78      | 89   | 93       | 78      |
| Red        | 2            | DF                | 150036              | 70               | 70            | 70         | 73       | 44          | 58        |              |             | 12        | 11            | 0.40     | -3.1           | 7            | 23       | -1       | 7        | 71          | 34                    | 144 | 28          | -67  | 0.4         | 12.6      | 0.2         | 0.1       | 33.1      | -1          | 32     | 0.69    | 0.49 | 0.08     | 0.27    |
| DF190012   |              |                   |                     |                  |               |            |          |             |           |              |             |           | 15            | 75       | 71             | 73           | 70       | 70       | 71       | 33          | 18                    | 19  | 10          | 20   | 20          | 46        | 26          | 61        | 19        | 18          | 12     | 13      | 11   | 12       |         |
| DF 190013  |              | PA                | 130797              | 89               | 107           | 91         | 104      | 71          | 91        |              |             | 90        | 96            | 83       | 90             | 97           | 107      | 91       | 96       | 100         | 99                    | 91  | 76          | 92   | 92          | 92        | 68          | 58        | 104       | 95          | 94     | 85      | 89   | 93       | 85      |
| Black      | 2            | DF                | 150009              | 71               | 71            | 68         | 70       | 44          | 58        |              |             | 12        | 60            | 3.20     | -0.4           | 57           | 37       | 4        | 15       | 133         | 64                    | 182 | 9           | -85  | 0.3         | 16.8      | 10.7        | 3.3       | 35.1      | 0           | 45     | 1.38    | 0.43 | 0.12     | 0.40    |
| DF190013   |              |                   |                     |                  |               |            |          |             |           |              |             |           | 14            | 75       | 70             | 70           | 71       | 68       | 70       | 31          | 16                    | 17  | 9           | 18   | 18          | 47        | 26          | 60        | 17        | 16          | 12     | 13      | 11   | 12       |         |
| DF 190015  |              | PA                | 130797              | 98               | 92            | 100        | 125      | 75          | 90        |              |             | 85        | 76            | 102      | 85             | 76           | 92       | 100      | 97       | 105         | 90                    | 86  | 85          | 85   | 99          | 93        | 63          | 76        | 102       | 87          | 86     | 84      | 90   | 90       | 83      |
| Black      |              | DF                | 150058              | 68               | 68            | 64         | 69       | 42          | 56        |              |             | 10        | 35            | 1.46     | 0.3            | 30           | 30       | 7        | 14       | 146         | 55                    | 163 | 33          | -74  | 0.6         | 17.5      | 12.9        | 1.0       | 33.8      | -1          | 38     | 1.23    | 0.65 | -0.18    | 0.37    |
| Mary       |              |                   |                     |                  |               |            |          |             |           |              |             |           | 16            | 74       | 68             | 69           | 68       | 64       | 67       | 28          | 17                    | 17  | 9           | 19   | 19          | 45        | 24          | 58        | 18        | 16          | 10     | 11      | 10   | 10       |         |
| DF 190017  |              | DF                | 150064              | 139              | 48            | 74         | 170      | 119         | 73        |              |             | 53        | 43            | 149      | 159            | 46           | 48       | 74       | 65       | 47          | 33                    | 61  | 77          | 62   | 93          | 67        | 140         | 96        | 105       | 66          | 53     | 57      | 90   | 87       | 57      |
| Red        |              | DF                | 160035              | 71               | 72            | 72         | 71       | 41          | 59        |              |             | 8         | -8            | -3.00    | -8.3           | -7           | 8        | -1       | 2        | -13         | 1                     | 71  | 13          | -34  | 0.4         | 5.9       | -23.1       | -1.7      | 35.2      | -3          | 12     | -1.37   | 0.59 | -0.39    | -0.12   |
| DF190017   |              |                   |                     |                  |               |            |          |             |           |              |             |           | 11            | 75       | 70             | 71           | 72       | 72       | 72       | 22          | 13                    | 10  | 10          | 15   | 14          | 44        | 24          | 56        | 14        | 12          | 8      | 8       | 8    | 8        |         |
| DF 190033  |              | PA                | 130797              | 116              | 71            | 93         | 144      | 90          | 80        |              |             | 70        | 60            | 115      | 94             | 61           | 71       | 93       | 86       | 85          | 69                    | 77  | 84          | 77   | 97          | 83        | 83          | 89        | 104       | 76          | 72     | 67      | 89   | 86       | 68      |
| Red        |              | DF                | 120028              | 74               | 75            | 75         | 73       | 45          | 61        |              |             | 10        | 14            | 0.20     | -0.8           | 11           | 19       | 4        | 9        | 91          | 35                    | 131 | 31          | -60  | 0.5         | 12.8      | 3.6         | -0.8      | 34.7      | -2          | 27     | -0.34   | 0.49 | -0.52    | 0.07    |
| Amanda     |              | DF190033          |                     |                  |               |            |          |             |           |              |             |           | 17            | 77       | 73             | 73           | 75       | 75       | 74       | 30          | 16                    | 15  | 7           | 18   | 18          | 46        | 27          | 61        | 17        | 16          | 9      | 10      | 9    | 10       |         |
| DF 190035  |              | PA                | 130797              | 89               | 95            | 116        | 100      | 83          | 93        | 85           | 90          | 87        | 98            | 89       | 92             | 98           | 95       | 116      | 109      | 110         | 92                    | 87  | 89          | 87   | 102         | 96        | 74          | 87        | 101       | 90          | 92     | 88      | 93   | 91       | 88      |
| Red        | 1            | WIN               | 110008              | 74               | 74            | 72         | 73       | 45          | 61        | 20           | 53          | 14        | 64            | 2.63     | -0.5           | 59           | 31       | 12       | 18       | 160         | 57                    | 169 | 46          | -78  | 0.7         | 18.6      | 8.0         | -0.5      | 33.0      | -1          | 42     | 1.68    | 1.01 | -0.04    | 0.46    |
| CHARMANINE |              | DF19003           |                     |                  |               |            |          |             |           |              |             |           | 20            | 78       | 73             | 73           | 74       | 72       | 73       | 33          | 25                    | 24  | 14          | 28   | 27          | 45        | 28          | 61        | 26        | 24          | 13     | 14      | 13   | 14       |         |

# 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         | % Inbreeding | Genomic 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 | Growth Value | Prod. Value | Carcass V | Cow wt -birth | Birth wt | Cow-Calf birth | Cow wt -wean | Wean dir | Wean mat | Comb mat | Cow-Calf wn | 12m wt                | ADG | Veld growth | FCR  | Skin Thckn | Scrotum   | Heifer Fert | Cow Fert. | Longevity | Frame score | Length | EMA     | Fat  | Marbling | Dress % |
|            |              |                   |                     |                   |              |               |            |          |             |           |              |             |           |               |          |                |              |          |          |          |             |                       |     |             |      |            |           |             |           |           |             |        |         |      |          |         |
| DF 190044  |              | BAR 120073        |                     | DF 060038         | 124          | 91            | 87         | 116      | 79          | 91        | 86           | 88          | 87        | 84            | 114      | 118            | 85           | 91       | 87       | 88       | 88          | 79                    | 85  | 89          | 84   | 96         | 70        | 70          | 80        | 101       | 97          | 95     | 85      | 99   | 98       | 85      |
| Black      | 1            |                   |                     |                   | 72           | 73            | 71         | 72       | 45          | 60        | 24           | 53          | 16        | 45            | 0.28     | -3.6           | 42           | 29       | 2        | 11       | 101         | 45                    | 162 | 46          | -73  | 0.5        | 7.3       | 9.6         | 0.5       | 33.1      | 0           | 45     | 1.31    | 1.65 | 0.56     | 0.41    |
| Madubi     |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 22            | 76       | 71             | 72           | 73       | 71       |          | 72          | 34                    | 28  | 22          | 18   | 29         | 30        | 48          | 28        | 60        | 28          | 26     | 16      | 17   | 16       | 16      |
| DF 190046  |              | BAR 120073        |                     | DF 070038         | 88           | 112           | 95         | 89       | 69          | 94        | 88           | 91          | 91        | 108           | 89       | 96             | 111          | 112      | 95       | 101      | 101         | 103                   | 89  | 93          | 96   | 90         | 90        | 67          | 66        | 98        | 110         | 104    | 89      | 94   | 95       | 89      |
| Black      |              |                   |                     |                   | 72           | 71            | 63         | 71       | 46          | 58        | 23           | 51          | 14        | 76            | 2.64     | -1.0           | 76           | 40       | 5        | 17       | 136         | 68                    | 175 | 58          | -92  | 0.3        | 16.2      | 11.2        | 2.3       | 31.5      | 1           | 52     | 1.77    | 1.10 | 0.31     | 0.48    |
| matusadona |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 16            | 76       | 71             | 71           | 71       | 63       |          | 68          | 34                    | 25  | 18          | 21   | 27         | 26        | 48          | 29        | 61        | 25          | 22     | 14      | 15   | 13       | 14      |
| WO 190016  |              | WB 150424         |                     | LKS 110019        | 82           | 116           | 102        | 98       | 91          | 107       | 108          | 107         | 108       | 104           | 84       | 86             | 102          | 116      | 102      | 107      | 112         | 115                   | 109 | 84          | 108  | 102        | 92        | 85          | 108       | 91        | 106         | 111    | 123     | 90   | 96       | 120     |
| Red        | 2            |                   |                     |                   | 72           | 67            | 54         | 46       | 45          | 52        | 32           | 48          | 39        | 71            | 3.19     | 0.2            | 64           | 41       | 7        | 19       | 168         | 80                    | 253 | 33          | -114 | 0.7        | 17.0      | 2.6         | -3.3      | 27.6      | 0           | 58     | 5.00    | 0.62 | 0.36     | 1.07    |
| JAMIN      |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 32            | 76       | 63             | 46           | 67       | 54       |          | 56          | 59                    | 40  | 28          | 22   | 33         | 44        | 48          | 30        | 58        | 43          | 39     | 37      | 41   | 38       | 39      |
| DF 200014  |              | BAR 120073        |                     | DF 110005         | 106          | 95            | 72         | 131      | 86          | 89        | 75           | 84          | 74        | 70            | 91       | 99             | 72           | 95       | 72       | 80       | 84          | 86                    | 76  | 87          | 74   | 96         | 77        | 102         | 83        | 88        | 80          | 76     | 80      | 93   | 91       | 80      |
| Black      |              |                   |                     |                   | 70           | 69            | 60         | 69       | 44          | 56        | 22           | 49          | 14        | 27            | 2.52     | -1.3           | 26           | 31       | -2       | 9        | 89          | 52                    | 128 | 41          | -54  | 0.5        | 10.1      | -5.1        | 0.0       | 26.0      | -2          | 30     | 0.90    | 1.02 | -0.08    | 0.31    |
| Nelly      |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 16            | 75       | 69             | 69           | 69       | 60       |          | 66          | 29                    | 23  | 19          | 19   | 25         | 25        | 45          | 26        | 60        | 23          | 21     | 13      | 14   | 13       | 14      |
| DF 200015  |              | BAR 120073        |                     | NLA 140019        | 129          | 95            | 89         | 91       | 89          | 95        | 103          | 95          | 97        | 107           | 115      | 131            | 110          | 95       | 89       | 91       | 85          | 86                    | 104 | 93          | 105  | 94         | 97        | 94          | 76        | 104       | 106         | 102    | 99      | 94   | 101      | 99      |
| Black      |              |                   |                     |                   | 72           | 72            | 68         | 73       | 46          | 59        | 24           | 52          | 20        | 75            | 0.26     | -5.1           | 74           | 31       | 3        | 12       | 92          | 52                    | 233 | 57          | -108 | 0.4        | 19.3      | -1.6        | 1.0       | 34.9      | 0           | 50     | 2.74    | 1.10 | 0.77     | 0.66    |
| Flee fle   |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 22            | 76       | 72             | 73           | 72       | 68       |          | 71          | 36                    | 27  | 24          | 20   | 26         | 27        | 50          | 30        | 59        | 26          | 25     | 20      | 21   | 20       | 20      |
| DF 200021  |              | BAR 120073        |                     | DF 110013         | 129          | 93            | 91         | 104      | 100         | 100       | 95           | 98          | 93        | 95            | 113      | 129            | 96           | 93       | 91       | 92       | 89          | 82                    | 94  | 92          | 95   | 96         | 88        | 95          | 107       | 99        | 98          | 95     | 98      | 96   | 98       | 97      |
| Black      |              |                   |                     |                   | 70           | 72            | 68         | 73       | 46          | 59        | 23           | 52          | 22        | 60            | 0.42     | -4.8           | 57           | 30       | 4        | 13       | 104         | 48                    | 195 | 55          | -92  | 0.5        | 15.0      | -2.0        | -3.2      | 32.1      | 0           | 45     | 2.60    | 1.34 | 0.54     | 0.64    |
| Reliable   |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 22            | 75       | 70             | 73           | 72       | 68       |          | 71          | 32                    | 26  | 21          | 19   | 24         | 28        | 49          | 29        | 59        | 26          | 25     | 21      | 22   | 21       | 22      |
| DF 200023  |              | BAR 120073        |                     | DF 150034         | 144          | 81            | 70         | 117      | 92          | 84        |              |             | 88        | 83            | 130      | 139            | 85           | 81       | 70       | 74       | 66          | 66                    | 89  | 88          | 90   | 93         | 88        | 90          | 82        | 107       | 93          | 88     | 93      | 93   | 97       | 92      |
| Black      | 1            |                   |                     |                   | 69           | 70            | 67         | 72       | 45          | 58        |              |             | 16        | 44            | -1.23    | -6.1           | 42           | 24       | -3       | 6        | 39          | 33                    | 175 | 44          | -82  | 0.4        | 15.4      | 0.4         | 0.2       | 36.3      | -1          | 40     | 2.08    | 1.00 | 0.48     | 0.53    |
| Rachel     |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 19            | 74       | 69             | 72           | 70       | 67       |          | 70          | 31                    | 22  | 19          | 15   | 21         | 23        | 48          | 28        | 58        | 21          | 20     | 16      | 17   | 16       | 16      |
| DF 200024  |              | BAR 120073        |                     | DF 110019         | 140          | 84            | 84         | 103      | 86          | 87        | 101          | 88          | 98        | 97            | 131      | 147            | 98           | 84       | 84       | 84       | 76          | 72                    | 100 | 96          | 102  | 93         | 91        | 82          | 87        | 99        | 102         | 98     | 101     | 99   | 103      | 101     |
| Black      |              |                   |                     |                   | 70           | 71            | 66         | 72       | 45          | 58        | 24           | 51          | 24        | 62            | -1.30    | -6.9           | 59           | 26       | 2        | 10       | 68          | 38                    | 217 | 66          | -103 | 0.4        | 16.4      | 4.3         | -0.5      | 32.3      | 0           | 47     | 2.92    | 1.66 | 0.92     | 0.71    |
| DF200024   |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 23            | 75       | 70             | 72           | 71       | 66       |          | 70          | 33                    | 27  | 22          | 20   | 25         | 29        | 48          | 29        | 58        | 27          | 26     | 23      | 24   | 23       | 24      |
| DF 200027  |              | BAR 120073        |                     | DF 150028         | 142          | 69            | 77         | 142      | 82          | 77        |              |             | 78        | 61            | 136      | 126            | 64           | 69       | 77       | 74       | 67          | 58                    | 82  | 86          | 82   | 96         | 79        | 83          | 82        | 96        | 90          | 84     | 81      | 90   | 93       | 80      |
| Red        | 1            |                   |                     |                   | 69           | 70            | 67         | 70       | 45          | 58        |              |             | 16        | 15            | -1.74    | -4.5           | 15           | 18       | -1       | 6        | 41          | 24                    | 150 | 37          | -69  | 0.5        | 11.2      | 3.9         | 0.1       | 30.7      | -1          | 37     | 0.95    | 0.62 | 0.08     | 0.32    |
| Rotanda    |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 17            | 74       | 69             | 70           | 70       | 67       |          | 69          | 31                    | 22  | 18          | 14   | 21         | 22        | 49          | 28        | 58        | 21          | 20     | 15      | 16   | 15       | 16      |
| DF 200029  |              | KCM 150007        |                     | DF 160009         | 100          | 91            | 105        | 100      | 136         | 103       |              |             | 90        | 100           | 101      | 100            | 99           | 91       | 105      | 100      | 97          | 90                    | 87  | 87          | 87   | 96         | 94        | 148         | 125       | 106       | 88          | 88     | 90      | 105  | 100      | 91      |
| Black      |              |                   |                     |                   | 69           | 70            | 66         | 71       | 41          | 57        |              |             | 14        | 66            | 1.54     | -1.5           | 61           | 29       | 8        | 15       | 126         | 56                    | 169 | 40          | -77  | 0.5        | 17.9      | -27.1       | -5.6      | 35.9      | -1          | 40     | 1.83    | 2.42 | 0.71     | 0.52    |
| DF200029   |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 17            | 72       | 69             | 71           | 70       | 66       |          | 69          | 22                    | 18  | 11          | 12   | 19         | 19        | 43          | 25        | 56        | 19          | 17     | 13      | 14   | 13       | 14      |
| DF 200030  |              | DF 180051         |                     | PT 120311         | 117          | 77            | 93         | 129      | 113         | 90        |              |             | 74        | 71            | 112      | 105            | 73           | 77       | 93       | 88       | 86          | 68                    | 75  | 74          | 79   | 90         | 77        | 109         | 124       | 98        | 87          | 81     | 72      | 95   | 94       | 73      |
| Black      |              |                   |                     |                   | 67           | 66            | 65         | 69       | 39          | 55        |              |             | 10        | 28            | 0.47     | -2.0           | 27           | 22       | 4        | 10       | 95          | 34                    | 121 | 3           | -64  | 0.3        | 10.3      | -8.4        | -5.5      | 31.6      | -1          | 34     | 0.12    | 1.21 | 0.19     | 0.17    |
| DF200030   |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 13            | 70       | 67             | 69           | 66       | 65       |          | 67          | 19                    | 14  | 10          | 10   | 14         | 15        | 40          | 23        | 53        | 15          | 13     | 10      | 11   | 10       | 10      |
| DF 200031  |              | KCM 150007        |                     | DF 170060         | 115          | 108           | 87         | 97       | 109         | 110       |              |             | 100       | 106           | 102      | 118            | 104          | 108      | 87       | 94       | 95          | 99                    | 100 | 94          | 101  | 92         | 102       | 106         | 119       | 98        | 99          | 100    | 103     | 106  | 105      | 103     |
| Black      | 2            |                   |                     |                   | 69           | 69            | 65         | 70       | 40          | 56        |              |             | 16        | 75            | 1.43     | -3.6           | 67           | 38       | 3        | 14       | 120         | 64                    | 216 | 60          | -102 | 0.3        | 21.2      | -7.0        | -4.7      | 31.5      | 0           | 49     | 3.07    | 2.58 | 1.14     | 0.75    |
| DF200031   |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 16            | 74       | 69             | 70           | 69       | 65       |          | 68          | 20                    | 18  | 11          | 13   | 18         | 20        | 43          | 23        | 55        | 19          | 18     | 15      | 16   | 15       | 16      |

# 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           | % Inbreeding | Genomic 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 | Growth Value | Prod. Value | Carcass V | Cow wt -birth | Birth wt | Cow-Calf birth | Cow wt -wean | Wean dir | Wean mat | Comb mat | Cow-Calf wn | 12m wt                | ADG | Veld growth | FCR  | Skin Thckn | Scrotum   | Heifer Fert | Cow Fert. | Longevity | Frame score | Length | EMA     | Fat  | Marbling | Dress % |
|              |              |                   |                     |                   |              |               |            |          |             |           |              |             |           |               |          |                |              |          |          |          |             |                       |     |             |      |            |           |             |           |           |             |        |         |      |          |         |
| DF 200037    |              | KCM 150007        |                     | PT 081747         | 105          | 89            | 89         | 114      | 110         | 93        |              |             | 77        | 87            | 100      | 101            | 86           | 89       | 89       | 89       | 88          | 86                    | 79  | 94          | 81   | 93         | 87        | 119         | 109       | 97        | 81          | 76     | 82      | 106  | 100      | 83      |
| Black        |              |                   |                     |                   | 68           | 69            | 61         | 68       | 42          | 55        |              |             | 12        | 49            | 1.64     | -1.6           | 44           | 28       | 3        | 12       | 101         | 51                    | 138 | 59          | -67  | 0.4        | 14.6      | -13.1       | -3.4      | 30.8      | -1          | 30     | 1.05    | 2.55 | 0.70     | 0.37    |
| Ola Oldie    |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 17            | 73       | 67             | 68           | 69       | 61       |          | 66          | 20                    | 18  | 11          | 12   | 20         | 20        | 45          | 24        | 58        | 19          | 18     | 12      | 13   | 12       | 12      |
| DF 200040    |              | KCM 150007        |                     | DF 160024         | 95           | 106           | 83         | 124      | 101         | 104       |              |             | 90        | 80            | 82       | 87             | 78           | 106      | 83       | 91       | 101         | 101                   | 89  | 93          | 91   | 89         | 94        | 98          | 97        | 104       | 89          | 88     | 91      | 107  | 103      | 93      |
| Black        | 1            |                   |                     |                   | 70           | 71            | 66         | 67       | 43          | 57        |              |             | 14        | 39            | 3.30     | 0.0            | 33           | 37       | 1        | 13       | 137         | 66                    | 174 | 59          | -85  | 0.2        | 18.0      | -3.2        | -1.9      | 35.1      | -1          | 39     | 1.97    | 2.71 | 0.99     | 0.55    |
| Butter cup   |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 17            | 75       | 69             | 67           | 71       | 66       |          | 68          | 20                    | 18  | 10          | 13   | 18         | 20        | 47          | 24        | 57        | 19          | 18     | 14      | 15   | 14       | 14      |
| DF 200050    |              | KCM 150007        |                     | DF 150033         | 74           | 123           | 88         | 98       | 86          | 105       |              |             | 101       | 105           | 78       | 74             | 103          | 123      | 88       | 100      | 108         | 124                   | 96  | 91          | 98   | 92         | 98        | 81          | 72        | 110       | 101         | 100    | 99      | 106  | 101      | 99      |
| Black        | 1            |                   |                     |                   | 70           | 69            | 66         | 67       | 41          | 56        |              |             | 13        | 73            | 3.69     | 1.5            | 65           | 45       | 3        | 17       | 155         | 88                    | 203 | 52          | -96  | 0.3        | 19.6      | 4.5         | 1.5       | 38.2      | 0           | 49     | 2.66    | 2.61 | 0.79     | 0.68    |
| Lyn          |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 15            | 75       | 68             | 67           | 69       | 66       |          | 67          | 22                    | 17  | 10          | 14   | 19         | 19        | 44          | 24        | 56        | 18          | 17     | 13      | 13   | 13       | 13      |
| DF 200056    |              | BAR 120073        |                     | DF 140022         | 113          | 88            | 73         | 119      | 97          | 84        |              |             | 73        | 80            | 105      | 108            | 83           | 88       | 73       | 78       | 75          | 80                    | 77  | 100         | 76   | 101        | 87        | 87          | 107       | 99        | 83          | 79     | 79      | 90   | 92       | 79      |
| Red          | 9            |                   |                     |                   | 66           | 70            | 61         | 70       | 44          | 56        |              |             | 14        | 40            | 1.14     | -2.4           | 40           | 27       | -2       | 8        | 65          | 46                    | 130 | 77          | -58  | 0.6        | 14.8      | 1.8         | -3.2      | 31.9      | -1          | 32     | 0.78    | 0.65 | 0.00     | 0.28    |
| Jay Peg      |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 18            | 73       | 67             | 70           | 70       | 61       |          | 67          | 29                    | 22  | 20          | 15   | 21         | 22        | 48          | 26        | 57        | 20          | 19     | 13      | 14   | 13       | 14      |
| DF 200058    |              | BAR 120073        |                     | DF 170045         | 89           | 103           | 88         | 113      | 69          | 88        |              |             | 88        | 86            | 95       | 83             | 88           | 103      | 88       | 93       | 98          | 99                    | 89  | 91          | 89   | 97         | 84        | 67          | 51        | 107       | 97          | 95     | 86      | 91   | 94       | 86      |
| Black        | 1            |                   |                     |                   | 70           | 71            | 66         | 69       | 45          | 58        |              |             | 14        | 48            | 2.14     | 0.6            | 46           | 35       | 3        | 14       | 127         | 64                    | 175 | 52          | -81  | 0.5        | 13.3      | 11.4        | 4.4       | 36.8      | 0           | 45     | 1.48    | 0.69 | 0.16     | 0.42    |
| Amy          |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 17            | 75       | 69             | 69           | 71       | 66       |          | 69          | 29                    | 21  | 18          | 14   | 21         | 22        | 49          | 27        | 58        | 20          | 19     | 14      | 15   | 14       | 14      |
| DF 200066    |              | BAR 120073        |                     | DF 150056         | 109          | 104           | 83         | 105      | 92          | 99        |              |             | 84        | 94            | 98       | 111            | 96           | 104      | 83       | 90       | 92          | 90                    | 82  | 78          | 82   | 100        | 86        | 84          | 99        | 99        | 92          | 88     | 89      | 87   | 92       | 88      |
| Red          | 2            |                   |                     |                   | 68           | 70            | 66         | 72       | 44          | 57        |              |             | 14        | 58            | 1.86     | -2.8           | 57           | 36       | 1        | 13       | 111         | 56                    | 151 | 14          | -68  | 0.6        | 14.5      | 3.4         | -2.1      | 32.2      | -1          | 40     | 1.78    | 0.18 | 0.02     | 0.46    |
| DF200066     |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 18            | 74       | 69             | 72           | 70       | 66       |          | 69          | 31                    | 21  | 18          | 14   | 21         | 22        | 48          | 27        | 58        | 20          | 19     | 14      | 15   | 14       | 14      |
| DF 200070    |              | BAR 120073        |                     | DF 150020         | 125          | 78            | 71         | 127      | 87          | 77        |              |             | 77        | 74            | 124      | 111            | 77           | 78       | 71       | 73       | 67          | 69                    | 78  | 85          | 77   | 102        | 81        | 80          | 96        | 97        | 85          | 79     | 83      | 91   | 92       | 82      |
| Black        | 1            |                   |                     |                   | 69           | 68            | 55         | 55       | 44          | 53        |              |             | 14        | 32            | -0.66    | -2.8           | 32           | 23       | -2       | 6        | 42          | 36                    | 134 | 33          | -61  | 0.7        | 11.9      | 5.1         | -1.7      | 30.8      | -1          | 32     | 1.16    | 0.66 | 0.05     | 0.35    |
| DF200070     |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 18            | 74       | 64             | 55           | 68       | 55       |          | 59          | 30                    | 21  | 18          | 16   | 21         | 22        | 48          | 26        | 58        | 20          | 19     | 14      | 14   | 14       | 14      |
| DF 200089    |              | BAR 120073        |                     | DF 160007         | 129          | 90            | 101        | 101      | 108         | 103       |              |             | 88        | 97            | 115      | 128            | 99           | 90       | 101      | 97       | 94          | 77                    | 84  | 82          | 83   | 100        | 81        | 99          | 95        | 117       | 95          | 93     | 87      | 94   | 95       | 87      |
| Black        |              |                   |                     |                   | 69           | 70            | 63         | 70       | 45          | 57        |              |             | 14        | 62            | 0.19     | -4.7           | 60           | 29       | 7        | 14       | 117         | 43                    | 158 | 26          | -71  | 0.6        | 12.2      | -3.7        | -1.6      | 42.2      | 0           | 44     | 1.58    | 1.03 | 0.27     | 0.44    |
| DF200089     |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 19            | 74       | 69             | 70           | 70       | 63       |          | 68          | 29                    | 21  | 18          | 15   | 21         | 22        | 49          | 28        | 58        | 20          | 19     | 14      | 14   | 14       | 14      |
| WO 200023    |              | WO 160008         |                     | LKS 110009        | 77           | 95            | 83         | 85       | 90          | 72        | 93           | 73          | 87        | 114           | 91       | 82             | 117          | 95       | 83       | 87       | 79          | 104                   | 94  | 113         | 94   | 107        | 96        | 85          | 87        | 103       | 77          | 80     | 104     | 90   | 97       | 102     |
| Red          | 8            |                   |                     |                   | 70           | 69            | 59         | 67       | 38          | 55        | 23           | 49          | 28        | 84            | 2.51     | 0.7            | 83           | 31       | 1        | 11       | 75          | 69                    | 96  | 115         | -89  | 0.9        | 18.8      | 3.0         | -0.6      | 34.4      | -2          | 33     | 3.18    | 0.64 | 0.46     | 0.73    |
| RUBY 2       |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 27            | 75       | 68             | 67           | 69       | 59       |          | 65          | 58                    | 30  | 21          | 16   | 24         | 32        | 35          | 23        | 55        | 31          | 29     | 27      | 30   | 27       | 28      |
| DF 210011    |              | KCM 160069        |                     | DF 110023         | 78           | 111           | 114        | 92       | 99          | 107       | 122          | 110         | 116       | 108           | 93       | 76             | 107          | 111      | 114      | 113      | 115         | 121                   | 121 | 103         | 119  | 86         | 103       | 99          | 68        | 122       | 109         | 112    | 112     | 116  | 114      | 114     |
| Black        | 3            |                   |                     |                   | 70           | 71            | 65         | 72       | 46          | 58        | 26           | 52          | 29        | 77            | 2.33     | 1.4            | 70           | 39       | 11       | 20       | 176         | 85                    | 297 | 86          | -133 | 0.1        | 21.6      | -3.6        | 2.1       | 44.7      | 1           | 58     | 3.95    | 3.79 | 1.88     | 0.94    |
| Lou DF210011 |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 29            | 75       | 70             | 72           | 71       | 65       |          | 69          | 38                    | 30  | 18          | 22   | 30         | 32        | 49          | 30        | 59        | 31          | 29     | 28      | 30   | 28       | 29      |
| DF 210019    |              | WB 060013         |                     | NLA 140019        | 97           | 72            | 121        | 99       | 92          | 76        | 88           | 75          | 76        | 98            | 99       | 96             | 99           | 72       | 121      | 105      | 95          | 81                    | 97  | 123         | 111  | 114        | 112       | 101         | 72        | 105       | 100         | 86     | 81      | 98   | 98       | 82      |
| Black        |              |                   |                     |                   | 66           | 69            | 62         | 69       | 44          | 56        | 39           | 53          | 36        | 63            | 1.71     | -1.1           | 60           | 19       | 13       | 15       | 121         | 46                    | 205 | 144         | -119 | 1.1        | 25.6      | -4.9        | 1.5       | 35.5      | 0           | 38     | 1.01    | 1.60 | 0.52     | 0.34    |
| LASSIE 2ND   |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 30            | 72       | 66             | 69           | 69       | 62       |          | 67          | 44                    | 39  | 29          | 38   | 43         | 43        | 47          | 29        | 56        | 41          | 38     | 34      | 38   | 35       | 36      |
| DF 210022    |              | BAR 120073        |                     | DF 110036         | 112          | 96            | 105        | 97       | 85          | 97        | 90           | 94          | 88        | 100           | 102      | 115            | 102          | 96       | 105      | 102      | 100         | 88                    | 89  | 89          | 91   | 92         | 84        | 83          | 77        | 104       | 97          | 91     | 91      | 95   | 96       | 91      |
| Red          |              |                   |                     |                   | 70           | 65            | 68         | 72       | 42          | 56        | 21           | 49          | 21        | 66            | 1.44     | -3.2           | 64           | 32       | 8        | 16       | 135         | 53                    | 176 | 47          | -84  | 0.3        | 13.5      | 3.5         | 0.8       | 34.7      | 0           | 42     | 1.93    | 1.16 | 0.37     | 0.51    |
| DF210022     |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 21            | 75       | 70             | 72           | 65       | 68       |          | 68          | 31                    | 25  | 20          | 17   | 22         | 26        | 41          | 26        | 58        | 25          | 23     | 20      | 22   | 20       | 21      |

# 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        | % Inbreeding | Genomic 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 | Growth Value | Prod. Value | Carcass V | Cow wt -birth | Birth wt | Cow-Calf birth | Cow wt -wean | Wean dir | Wean mat | Comb mat | Cow-Calf wn | 12m wt                | ADG | Veld growth | FCR  | Skin Thckn | Scrotum   | Heifer Fert | Cow Fert. | Longevity | Frame score | Length | EMA     | Fat  | Marbling | Dress % |    |
|           |              |                   |                     |                   |              |               |            |          |             |           |              |             |           |               |          |                |              |          |          |          |             |                       |     |             |      |            |           |             |           |           |             |        |         |      |          |         |    |
| DF 210024 |              | DF 190022         |                     | DF 130009         | 91           | 105           | 129        | 106      | 98          | 115       |              |             | 90        | 92            | 84       | 91             | 91           | 105      | 129      | 121      | 130         | 99                    | 89  | 68          | 85   | 96         | 85        | 91          | 90        | 110       | 92          | 93     | 90      | 94   | 95       | 89      |    |
| Black     |              |                   |                     |                   | 65           | 57            | 64         | 69       | 33          | 51        |              |             | 8         | 55            | 3.16     | -0.5           | 50           | 36       | 16       | 22       | 218         | 64                    | 175 | -14         | -74  | 0.5        | 14.0      | 0.1         | -1.0      | 38.2      | -1          | 43     | 1.79    | 1.11 | 0.32     | 0.49    |    |
| DF210024  |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 12            | 71       | 66             | 69           | 57       | 64       |          | 63          | 25                    | 20  | 14          | 18   | 24         | 22        | 29          | 18        | 51        | 21          | 19     | 8       | 8    | 8        | 8       |    |
| DF 210027 |              | 722E              |                     | E 150104          | 110          | 90            | 91         | 110      | 96          | 91        | 90           | 89          | 101       | 91            | 121      | 101            | 91           | 90       | 91       | 91       | 89          | 95                    | 95  | 105         | 93   | 89         | 103       | 105         | 81        | 104       | 88          | 92     | 108     | 121  | 103      | 110     |    |
| Black     |              |                   |                     |                   | 68           | 69            | 60         | 70       | 42          | 56        | 26           | 50          | 30        | 54            | -0.32    | -1.6           | 50           | 29       | 4        | 12       | 103         | 60                    | 198 | 92          | -88  | 0.2        | 21.7      | -6.8        | 0.4       | 35.0      | -1          | 42     | 3.54    | 4.39 | 0.93     | 0.87    |    |
| DF210027  |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 25            | 74       | 68             | 70           | 69       | 60       |          | 66          | 45                    | 31  | 26          | 21   | 29         | 32        | 45          | 24        | 56        | 32          | 30     | 29      | 30   | 29       | 30      |    |
| DF 210028 |              | 722E              |                     | E 140378          | 99           | 107           | 108        | 84       | 96          | 105       | 112          | 106         | 118       | 118           | 113      | 102            | 116          | 107      | 108      | 108      | 105         | 113                   | 111 | 84          | 107  | 87         | 104       | 90          | 91        | 107       | 107         | 112    | 115     | 119  | 106      | 117     |    |
| Black     | 2            |                   |                     |                   | 69           | 70            | 63         | 70       | 41          | 56        | 23           | 49          | 24        | 90            | 0.42     | -1.7           | 82           | 37       | 9        | 18       | 146         | 77                    | 261 | 31          | -112 | 0.2        | 22.4      | 0.5         | -1.1      | 36.3      | 1           | 59     | 4.25    | 4.10 | 1.25     | 1.01    |    |
| DF210028  |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 22            | 75       | 69             | 70           | 70       | 63       |          | 68          | 48                    | 27  | 17          | 19   | 26         | 28        | 44          | 23        | 57        | 27          | 26     | 23      | 24   | 23       | 24      |    |
| DF 210042 |              | NLA 170016        |                     | DF 160043         | 110          | 96            | 90         | 117      | 118         | 105       |              |             | 88        | 84            | 105      | 104            | 84           | 96       | 90       | 92       | 96          | 89                    | 83  | 89          | 85   | 94         | 85        | 108         | 113       | 114       | 91          | 88     | 87      | 102  | 101      | 87      |    |
| Black     | 1            |                   |                     |                   | 64           | 67            | 58         | 66       | 33          | 52        |              |             | 14        | 46            | 1.14     | -1.9           | 41           | 32       | 4        | 13       | 123         | 54                    | 154 | 46          | -74  | 0.4        | 13.6      | -8.2        | -4.0      | 40.4      | -1          | 39     | 1.50    | 2.12 | 0.76     | 0.45    |    |
| DF210042  |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 16            | 72       | 64             | 66           | 67       | 58       |          | 64          | 26                    | 19  | 12          | 16   | 20         | 21        | 30          | 19        | 50        | 20          | 18     | 14      | 14   | 14       | 14      |    |
| DF 210067 |              | DF 170035         |                     | DF 160009         | 112          | 79            | 108        | 111      | 132         | 98        |              |             | 72        | 85            | 112      | 105            | 88           | 79       | 108      | 98       | 95          | 71                    | 71  | 69          | 72   | 96         | 80        | 132         | 120       | 115       | 81          | 75     | 72      | 91   | 89       | 72      |    |
| Red       |              |                   |                     |                   | 66           | 69            | 64         | 70       | 38          | 55        |              |             | 9         | 46            | 0.48     | -2.0           | 46           | 23       | 9        | 14       | 119         | 37                    | 106 | -12         | -52  | 0.5        | 11.7      | -19.2       | -4.9      | 40.8      | -1          | 29     | 0.08    | 0.71 | -0.26    | 0.15    |    |
| DF210067  |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 16            | 73       | 67             | 70           | 69       | 64       |          | 68          | 24                    | 15  | 12          | 8    | 16         | 16        | 41          | 21        | 52        | 15          | 14     | 9       | 9    | 9        | 9       |    |
| DF 210076 |              | NLA 170016        |                     | DF 160041         | 107          | 97            | 104        | 110      | 118         | 109       |              |             | 94        | 90            | 106      | 102            | 89           | 97       | 104      | 102      | 106         | 93                    | 90  | 95          | 94   | 86         | 89        | 117         | 101       | 115       | 96          | 96     | 91      | 104  | 105      | 92      |    |
| Black     | 1            |                   |                     |                   | 65           | 68            | 64         | 69       | 38          | 55        |              |             | 16        | 53            | 1.10     | -1.7           | 48           | 32       | 8        | 16       | 149         | 58                    | 179 | 62          | -89  | 0.1        | 15.5      | -12.4       | -2.4      | 41.0      | 0           | 46     | 1.92    | 2.30 | 1.09     | 0.53    |    |
| DF210076  |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 17            | 72       | 66             | 69           | 68       | 64       |          | 67          | 28                    | 20  | 13          | 16   | 21         | 21        | 40          | 21        | 52        | 21          | 19     | 16      | 17   | 16       | 16      |    |
| DF 210092 |              | DF 170035         |                     | DF 160065         | 105          | 90            | 100        | 123      | 103         | 98        |              |             | 86        | 74            | 106      | 93             | 78           | 90       | 100      | 97       | 101         | 83                    | 83  | 77          | 93   | 88         | 90        | 110         | 102       | 97        | 99          | 90     | 86      | 98   | 95       | 86      |    |
| Black     |              |                   |                     |                   | 60           | 66            | 56         | 67       | 36          | 51        |              |             | 12        | 32            | 1.07     | -0.6           | 33           | 28       | 7        | 14       | 137         | 48                    | 152 | 12          | -87  | 0.2        | 16.2      | -9.2        | -2.6      | 30.8      | 0           | 41     | 1.42    | 1.56 | 0.29     | 0.42    |    |
| DF210092  |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 14            | 69       | 62             | 67           | 66       | 56       |          | 63          | 21                    | 15  | 12          | 10   | 14         | 16        | 38          | 20        | 49        | 15          | 14     | 12      | 12   | 12       | 12      |    |
| RK 210019 |              | RK 180037         |                     | RK 180023         | 108          | 80            | 111        | 123      | 110         | 95        | 91           | 93          | 90        | 78            | 111      | 95             | 77           | 80       | 111      | 101      | 102         | 87                    | 93  | 97          | 92   | 109        | 107       | 114         | 105       | 103       | 89          | 87     | 97      | 99   | 83       | 96      |    |
| Red       |              |                   |                     |                   | 64           | 69            | 57         | 65       | 39          | 53        | 31           | 49          | 37        | 37            | 0.59     | -0.8           | 32           | 23       | 10       | 14       | 140         | 52                    | 191 | 70          | -85  | 0.9        | 23.5      | -10.7       | -2.9      | 34.5      | -1          | 39     | 2.46    | 1.68 | -0.70    | 0.62    |    |
| RK210019  |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 34            | 73       | 63             | 65           | 69       | 57       |          | 64          | 45                    | 39  | 21          | 22   | 45         | 43        | 38          | 23        | 55        | 42          | 37     | 35      | 39   | 35       | 37      |    |
| DF 220003 |              | 124 AAN           |                     | DF 140015         | 131          | 78            | 94         | 108      | 95          | 86        |              |             | 78        | 92            | 125      | 125            | 92           | 78       | 94       | 89       | 79          | 69                    | 86  | 97          | 85   | 94         | 84        | 92          | 100       | 97        | 89          | 81     | 81      | 82   | 94       | 93      | 82 |
| Black     |              |                   |                     |                   | 59           | 63            | 53         | 64       | 32          | 49        |              |             | 12        | 55            | -0.70    | -4.3           | 51           | 22       | 5        | 11       | 74          | 35                    | 162 | 69          | -74  | 0.4        | 13.3      | -0.5        | -2.3      | 31.1      | -1          | 34     | 1.05    | 1.13 | 0.11     | 0.34    |    |
| DF220003  |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 11            | 68       | 60             | 64           | 63       | 53       |          | 60          | 18                    | 15  | 11          | 8    | 13         | 16        | 33          | 16        | 48        | 15          | 14     | 12      | 13   | 12       | 12      |    |
| DF 220008 |              | 4336              |                     | DF 150028         | 89           | 95            | 75         | 119      | 90          | 82        | 95           | 82          | 89        | 81            | 93       | 81             | 83           | 95       | 75       | 82       | 83          | 97                    | 97  | 89          | 99   | 96         | 86        | 99          | 73        | 104       | 93          | 86     | 89      | 102  | 102      | 89      |    |
| Black     |              |                   |                     |                   | 68           | 69            | 64         | 71       | 45          | 57        | 24           | 50          | 23        | 41            | 2.26     | 0.8            | 39           | 31       | -1       | 10       | 86          | 62                    | 204 | 45          | -99  | 0.5        | 14.2      | -3.8        | 1.4       | 34.7      | -1          | 38     | 1.70    | 2.10 | 0.85     | 0.49    |    |
| DF220008  |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 36            | 73       | 68             | 71           | 69       | 64       |          | 68          | 36                    | 27  | 20          | 22   | 28         | 28        | 48          | 29        | 59        | 27          | 26     | 22      | 24   | 22       | 23      |    |
| DF 220039 |              | DF 190032         |                     | CP 127063         | 122          | 96            | 83         | 122      | 89          | 99        |              |             | 81        | 82            | 109      | 116            | 80           | 96       | 83       | 87       | 92          | 84                    | 86  | 96          | 83   | 101        | 89        | 92          | 85        | 99        | 91          | 89     | 86      | 85   | 96       | 84      |    |
| Red       |              |                   |                     |                   | 64           | 69            | 57         | 63       | 38          | 53        |              |             | 10        | 42            | 0.81     | -3.3           | 36           | 32       | 1        | 11       | 110         | 50                    | 166 | 66          | -71  | 0.6        | 15.7      | -0.7        | -0.2      | 32.2      | -1          | 40     | 1.41    | 0.04 | 0.39     | 0.39    |    |
| DF220039  |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 16            | 73       | 63             | 63           | 69       | 57       |          | 63          | 29                    | 17  | 14          | 10   | 18         | 18        | 43          | 20        | 52        | 17          | 16     | 10      | 11   | 10       | 10      |    |
| DF 220047 |              | DF 190032         |                     | DF 160006         | 134          | 70            | 96         | 132      | 105         | 89        |              |             | 68        | 68            | 123      | 135            | 70           | 70       | 96       | 87       | 84          | 57                    | 68  | 83          | 70   | 100        | 69        | 97          | 104       | 107       | 81          | 71     | 69      | 93   | 92       | 69      |    |
| Black     |              |                   |                     |                   | 63           | 68            | 57         | 67       | 36          | 53        |              |             | 8         | 24            | -0.50    | -5.6           | 23           | 19       | 5        | 10       | 89          | 23                    | 96  | 27          | -47  | 0.6        | 6.9       | -2.8        | -2.8      | 36.6      | -1          | 26     | -0.20   | 1.02 | -0.01    | 0.11    |    |
| DF220047  |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 13            | 72       | 63             | 67           | 68       | 57       |          | 64          | 20                    | 15  | 11          | 12   | 16         | 16        | 41          | 18        | 50        | 15          | 14     | 8       | 9    | 8        | 8       |    |

# 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 | Growth Value | Prod. Value | Carcass V | Cow wt -birth | Birth wt | Cow-Calf birth | Cow wt -wean | Wean dir | Wean mat | Comb mat | Cow-Calf wn | 12m wt                | ADG | Veld growth | FCR  | Skin Thickn | Scrotum   | Heifer Fert | Cow Fert. | Longevity | Frame score | Length | EMA     | Fat  | Marbling | Dress % |
|           |              |                   | Sire ID<br>Dam ID   |                  |               |            |          |             |           |              |             |           |               |          |                |              |          |          |          |             |                       |     |             |      |             |           |             |           |           |             |        |         |      |          |         |
| DF 220059 |              | DF 190049         |                     | 123              | 82            | 78         | 133      | 98          | 88        |              |             | 69        | 69            | 106      | 120            | 70           | 82       | 78       | 79       | 78          | 69                    | 73  | 89          | 75   | 95          | 80        | 98          | 90        | 105       | 80          | 71     | 66      | 86   | 86       | 66      |
| Black     |              | DF 160059         |                     | 66               | 64            | 47         | 45       | 35          | 47        |              |             | 8         | 26            | 1.05     | -3.8           | 24           | 25       | 0        | 8        | 72          | 35                    | 114 | 45          | -57  | 0.4         | 11.6      | -3.5        | -0.9      | 35.5      | -2          | 26     | -0.50   | 0.14 | -0.49    | 0.04    |
| DF220059  |              |                   |                     |                  |               |            |          |             |           |              |             |           | 12            | 72       | 58             | 45           | 64       | 47       |          | 21          | 12                    | 12  | 7           | 13   | 13          | 38        | 18          | 49        | 12        | 11          | 7      | 8       | 7    | 8        |         |
| DF 220064 |              | DF 190032         |                     | 126              | 98            | 88         | 106      | 113         | 107       |              |             | 81        | 94            | 113      | 135            | 94           | 98       | 88       | 91       | 91          | 78                    | 76  | 79          | 77   | 95          | 73        | 115         | 101       | 110       | 90          | 85     | 78      | 93   | 93       | 78      |
| Black     |              | DF 160021         |                     | 64               | 68            | 51         | 49       | 37          | 50        |              |             | 8         | 59            | 0.42     | -5.6           | 54           | 32       | 3        | 13       | 110         | 44                    | 127 | 18          | -60  | 0.4         | 8.4       | -11.2       | -2.3      | 38.5      | -1          | 37     | 0.69    | 0.92 | 0.14     | 0.28    |
| DF220064  |              |                   |                     |                  |               |            |          |             |           |              |             |           | 14            | 72       | 58             | 49           | 68       | 51       |          | 22          | 16                    | 11  | 10          | 17   | 17          | 42        | 19          | 49        | 16        | 15          | 8      | 8       | 8    | 8        |         |
| DF 220071 |              | DF 190032         |                     | 139              | 72            | 83         | 124      | 98          | 84        |              |             | 78        | 76            | 129      | 130            | 78           | 72       | 83       | 79       | 72          | 62                    | 78  | 88          | 81   | 93          | 80        | 98          | 88        | 107       | 84          | 78     | 81      | 93   | 95       | 81      |
| Red       | 1            | DF 150046         |                     | 64               | 66            | 50         | 49       | 35          | 49        |              |             | 14        | 35            | -1.13    | -4.9           | 33           | 20       | 1        | 8        | 56          | 28                    | 133 | 42          | -67  | 0.4         | 11.8      | -3.5        | -0.6      | 36.5      | -1          | 31     | 0.99    | 0.92 | 0.27     | 0.33    |
| DF220071  |              |                   |                     |                  |               |            |          |             |           |              |             |           | 14            | 72       | 58             | 49           | 66       | 50       |          | 24          | 17                    | 15  | 12          | 18   | 18          | 33        | 20          | 51        | 17        | 16          | 13     | 14      | 13   | 14       |         |
| DF 220075 |              | DF 190032         |                     | 121              | 90            | 109        | 113      | 116         | 108       |              |             | 82        | 85            | 112      | 139            | 86           | 90       | 109      | 103      | 105         | 73                    | 80  | 86          | 83   | 95          | 78        | 112         | 99        | 118       | 92          | 87     | 81      | 94   | 95       | 81      |
| Black     |              | DF 160041         |                     | 63               | 68            | 58         | 67       | 34          | 52        |              |             | 12        | 47            | 0.48     | -6.0           | 43           | 28       | 9        | 16       | 147         | 39                    | 141 | 36          | -71  | 0.4         | 10.5      | -9.8        | -2.1      | 42.4      | -1          | 38     | 1.00    | 1.07 | 0.30     | 0.34    |
| DF220075  |              |                   |                     |                  |               |            |          |             |           |              |             |           | 14            | 72       | 64             | 67           | 68       | 58       |          | 22          | 16                    | 13  | 12          | 17   | 17          | 33        | 20          | 49        | 16        | 15          | 12     | 13      | 12   | 12       |         |
| WO 220903 |              | RK 180031         |                     | 97               | 97            | 111        | 89       | 111         | 101       | 113          | 103         | 111       | 110           | 103      | 101            | 110          | 97       | 111      | 106      | 102         | 103                   | 114 | 103         | 110  | 119         | 104       | 99          | 109       | 112       | 98          | 104    | 115     | 113  | 118      | 116     |
| Red       | 1            | WO 170016         |                     | 64               | 61            | 56         | 67       | 35          | 50        | 26           | 45          | 34        | 80            | 1.31     | -1.5           | 74           | 32       | 10       | 17       | 139         | 67                    | 269 | 85          | -118 | 1.3         | 22.1      | -3.8        | -3.5      | 39.0      | 0           | 52     | 4.25    | 3.36 | 2.23     | 0.99    |
| 220903    |              |                   |                     |                  |               |            |          |             |           |              |             |           | 29            | 73       | 64             | 67           | 61       | 56       |          | 49          | 36                    | 16  | 14          | 41   | 41          | 35        | 18          | 52        | 40        | 35          | 32     | 37      | 32   | 34       |         |
| DF 230009 |              | R503              |                     | 141              | 79            | 118        | 101      | 125         | 108       |              |             | 92        | 98            | 149      | 145            | 97           | 79       | 118      | 105      | 99          | 69                    | 89  | 85          | 90   | 82          | 96        | 135         | 108       | 109       | 90          | 91     | 101     | 113  | 94       | 102     |
| Red       |              | DF 160009         |                     | 66               | 69            | 56         | 56       | 40          | 53        |              |             | 19        | 63            | -2.97    | -6.7           | 58           | 23       | 12       | 16       | 131         | 35                    | 175 | 35          | -82  | 0.0         | 18.6      | -20.6       | -3.4      | 37.6      | -1          | 42     | 2.87    | 3.41 | 0.21     | 0.73    |
| DF230009  |              |                   |                     |                  |               |            |          |             |           |              |             |           | 18            | 73       | 62             | 56           | 69       | 56       |          | 40          | 21                    | 9   | 6           | 26   | 25          | 48        | 20          | 52        | 23        | 19          | 17     | 21      | 17   | 19       |         |
| DF 230011 |              | AAN53             |                     | 121              | 93            | 100        | 107      | 123         | 109       |              |             | 92        | 95            | 112      | 119            | 92           | 93       | 100      | 98       | 98          | 86                    | 89  | 63          | 85   | 84          | 88        | 126         | 103       | 115       | 83          | 85     | 89      | 108  | 108      | 91      |
| Black     |              | DF 160021         |                     | 61               | 66            | 44         | 39       | 34          | 46        |              |             | 8         | 60            | 0.48     | -3.6           | 52           | 30       | 7        | 14       | 128         | 51                    | 174 | -29         | -75  | 0.1         | 15.4      | -16.5       | -2.7      | 41.1      | -1          | 37     | 1.77    | 2.84 | 1.37     | 0.52    |
| DF230010  |              |                   |                     |                  |               |            |          |             |           |              |             |           | 14            | 70       | 53             | 39           | 66       | 44       |          | 27          | 23                    | 9   | 12          | 28   | 26          | 41        | 16          | 46        | 25        | 22          | 8      | 9       | 8    | 8        |         |
| DF 230012 |              | R503              |                     | 146              | 90            | 88         | 107      | 107         | 105       |              |             | 86        | 93            | 135      | 140            | 93           | 90       | 88       | 89       | 86          | 81                    | 84  | 88          | 83   | 78          | 89        | 111         | 102       | 101       | 80          | 78     | 96      | 110  | 90       | 97      |
| Red       |              | DF 120026         |                     | 68               | 70            | 63         | 55       | 41          | 54        |              |             | 20        | 57            | -1.63    | -6.2           | 53           | 29       | 3        | 11       | 94          | 47                    | 158 | 44          | -70  | -0.2        | 15.7      | -9.3        | -2.6      | 33.4      | -2          | 31     | 2.43    | 3.01 | -0.13    | 0.63    |
| DF230012  |              |                   |                     |                  |               |            |          |             |           |              |             |           | 20            | 74       | 63             | 55           | 70       | 63       |          | 42          | 23                    | 13  | 10          | 27   | 26          | 48        | 20          | 54        | 25        | 21          | 19     | 22      | 18   | 20       |         |
| DF 230015 |              | SCJ 200161        |                     | 100              | 88            | 96         | 103      | 88          | 83        | 93           | 82          | 101       | 97            | 110      | 95             | 97           | 88       | 96       | 93       | 89          | 88                    | 94  | 78          | 91   | 93          | 85        | 76          | 70        | 117       | 85          | 89     | 94      | 113  | 111      | 96      |
| Black     | 1            | DF 150009         |                     | 66               | 66            | 50         | 47       | 39          | 49        | 22           | 44          | 26        | 62            | 0.70     | -0.9           | 58           | 27       | 6        | 13       | 103         | 53                    | 195 | 15          | -84  | 0.4         | 13.9      | 6.9         | 1.8       | 42.1      | -1          | 41     | 2.23    | 3.43 | 1.66     | 0.62    |
| DF230015  |              |                   |                     |                  |               |            |          |             |           |              |             |           | 27            | 74       | 59             | 47           | 66       | 50       |          | 34          | 27                    | 15  | 16          | 30   | 29          | 45        | 21          | 50        | 29        | 26          | 24     | 27      | 24   | 26       |         |
| DF 230017 |              | AAN53             |                     | 131              | 77            | 84         | 130      | 110         | 90        |              |             | 87        | 74            | 120      | 121            | 73           | 77       | 84       | 82       | 78          | 72                    | 90  | 75          | 89   | 89          | 94        | 115         | 93        | 111       | 78          | 77     | 91      | 111  | 111      | 93      |
| Black     | 1            | DF 180010         |                     | 56               | 65            | 40         | 38       | 29          | 43        |              |             | 12        | 32            | -0.24    | -3.9           | 27           | 22       | 2        | 8        | 73          | 38                    | 178 | 6           | -81  | 0.2         | 18.0      | -11.5       | -1.2      | 38.5      | -2          | 31     | 1.91    | 3.22 | 1.66     | 0.55    |
| DF230017  |              |                   |                     |                  |               |            |          |             |           |              |             |           | 13            | 69       | 49             | 38           | 65       | 40       |          | 25          | 23                    | 10  | 14          | 28   | 27          | 29        | 14          | 44        | 26        | 22          | 12     | 13      | 12   | 12       |         |
| DF 230022 |              | AAN53             |                     | 130              | 82            | 85         | 120      | 103         | 92        | 91           | 90          | 95        | 82            | 117      | 124            | 81           | 82       | 85       | 84       | 81          | 77                    | 93  | 76          | 92   | 82          | 104       | 97          | 92        | 112       | 85          | 84     | 96      | 113  | 115      | 97      |
| Black     | 1            | E 130330          |                     | 62               | 67            | 43         | 39       | 35          | 46        | 22           | 41          | 20        | 43            | 0.07     | -4.3           | 37           | 25       | 2        | 10       | 81          | 43                    | 191 | 10          | -86  | 0.0         | 22.3      | -3.0        | -1.2      | 39.3      | -1          | 36     | 2.37    | 3.40 | 1.96     | 0.64    |
| DF230022  |              |                   |                     |                  |               |            |          |             |           |              |             |           | 17            | 72       | 53             | 39           | 67       | 43       |          | 36          | 28                    | 17  | 15          | 31   | 32          | 40        | 16          | 48        | 31        | 27          | 19     | 21      | 20   | 20       |         |
| DF 230026 |              | SCJ 200161        |                     | 89               | 104           | 85         | 108      | 93          | 94        | 95           | 93          | 104       | 94            | 89       | 88             | 93           | 104      | 85       | 91       | 95          | 103                   | 96  | 89          | 94   | 101         | 85        | 78          | 86        | 113       | 86          | 89     | 99      | 116  | 114      | 101     |
| Black     | 3            | DF 170008         |                     | 65               | 67            | 48         | 46       | 38          | 49        | 24           | 44          | 26        | 58            | 2.67     | -0.1           | 52           | 36       | 2        | 13       | 119         | 68                    | 201 | 44          | -90  | 0.7         | 14.0      | 5.9         | -0.3      | 40.1      | -1          | 40     | 2.65    | 3.81 | 1.93     | 0.70    |
| DF230026  |              |                   |                     |                  |               |            |          |             |           |              |             |           | 27            | 73       | 58             | 46           | 67       | 48       |          | 32          | 28                    | 15  | 18          | 31   | 30          | 44        | 20          | 49        | 30        | 27          | 25     | 28      | 25   | 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        | % 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 | Growth Value | Prod. Value | Carcass V | Cow wt -birth | Birth wt | Cow-Calf birth | Cow wt -wean | Wean dir | Wean mat | Comb mat | Cow-Calf wn           | 12m wt | ADG | Veld growth | FCR  | Skin Thckn | Scrotum | Heifer Fert | Cow Fert. | Longevity | Frame score | Length  | EMA  | Fat  | Marbling | Dress % |
|           |              |                   |                     |                  |        |              |               |            |          |             |           |              |             |           |               |          |                |              |          |          |          |                       |        |     |             |      |            |         |             |           |           |             |         |      |      |          |         |
| DF 230027 |              | AAN53             |                     | DF 170054        |        | 80           | 118           | 101        | 104      | 90          | 111       |              |             | 100       | 97            | 81       | 78             | 95           | 118      | 101      | 107      | 117                   | 118    | 98  | 66          | 95   | 86         | 100     | 79          | 75        | 116       | 90          | 93      | 100  | 106  | 106      | 101     |
| Black     |              |                   |                     |                  |        | 59           | 63            | 36         | 36       | 33          | 43        |              |             | 10        | 63            | 3.40     | 1.1            | 55           | 43       | 7        | 19       | 181                   | 82     | 209 | -20         | -91  | 0.1        | 20.7    | 5.4         | 1.1       | 41.5      | -1          | 44      | 2.80 | 2.51 | 1.20     | 0.70    |
| DF230027  |              |                   |                     |                  |        |              |               |            |          |             |           |              |             |           | 11            | 70       | 50             | 36           | 63       | 36       |          | 45                    | 26     | 22  | 10          | 11   | 27         | 25      | 40          | 14        | 46        | 24          | 20      | 9    | 10   | 9        | 10      |
| DF 230028 |              | SCJ 200161        |                     | DF 150028        |        | 94           | 97            | 97         | 111      | 92          | 93        | 94           | 92          | 102       | 90            | 99       | 89             | 89           | 97       | 97       | 97       | 100                   | 95     | 95  | 79          | 92   | 97         | 82      | 85          | 77        | 113       | 87          | 90      | 94   | 111  | 109      | 96      |
| Black     |              |                   |                     |                  |        | 65           | 66            | 50         | 47       | 39          | 49        | 23           | 44          | 26        | 53            | 1.70     | -0.1           | 48           | 32       | 6        | 14       | 133                   | 60     | 198 | 16          | -86  | 0.5        | 12.6    | 2.8         | 0.9       | 40.0      | -1          | 41      | 2.24 | 3.21 | 1.47     | 0.61    |
| DF230028  |              |                   |                     |                  |        |              |               |            |          |             |           |              |             |           | 27            | 73       | 58             | 47           | 66       | 50       |          | 54                    | 35     | 28  | 16          | 17   | 31         | 30      | 45          | 22        | 50        | 30          | 27      | 25   | 27   | 25       | 26      |
| DF 230029 |              | AAN53             |                     | DF 170045        |        | 77           | 113           | 108        | 109      | 102         | 112       |              |             | 99        | 92            | 85       | 74             | 90           | 113      | 108      | 110      | 122                   | 114    | 99  | 67          | 96   | 87         | 98      | 100         | 75        | 120       | 91          | 94      | 97   | 107  | 107      | 98      |
| Black     |              |                   |                     |                  |        | 60           | 65            | 41         | 38       | 35          | 45        |              |             | 11        | 56            | 3.05     | 1.6            | 48           | 40       | 9        | 20       | 194                   | 79     | 213 | -16         | -94  | 0.1        | 19.7    | -4.3        | 1.1       | 43.7      | -1          | 45      | 2.51 | 2.69 | 1.31     | 0.65    |
| DF230029  |              |                   |                     |                  |        |              |               |            |          |             |           |              |             |           | 12            | 70       | 52             | 38           | 65       | 41       |          | 48                    | 27     | 23  | 11          | 12   | 28         | 26      | 41          | 16        | 47        | 25          | 21      | 10   | 12   | 10       | 11      |
| DF 230030 |              | SCJ 200161        |                     | DF 110018        |        | 83           | 103           | 103        | 99       | 90          | 95        | 100          | 94          | 110       | 102           | 84       | 86             | 100          | 103      | 103      | 103      | 104                   | 106    | 99  | 94          | 101  | 94         | 88      | 86          | 79        | 107       | 92          | 95      | 100  | 120  | 119      | 103     |
| Black     | 3            |                   |                     |                  |        | 63           | 68            | 51         | 47       | 36          | 49        | 28           | 45          | 30        | 69            | 3.19     | 0.1            | 62           | 35       | 8        | 17       | 146                   | 71     | 215 | 62          | -102 | 0.4        | 15.2    | 2.2         | 0.6       | 36.8      | -1          | 45      | 2.79 | 4.20 | 2.30     | 0.74    |
| DF230030  |              |                   |                     |                  |        |              |               |            |          |             |           |              |             |           | 30            | 73       | 57             | 47           | 68       | 51       |          | 55                    | 38     | 33  | 21          | 23   | 36         | 34      | 36          | 23        | 50        | 34          | 31      | 29   | 32   | 29       | 30      |
| DF 230031 |              | R503              |                     | DF 170064        |        | 77           | 109           | 122        | 110      | 84          | 109       |              |             | 98        | 89            | 89       | 70             | 87           | 109      | 122      | 118      | 131                   | 113    | 97  | 92          | 98   | 78         | 100     | 81          | 73        | 107       | 96          | 98      | 105  | 112  | 95       | 106     |
| Black     |              |                   |                     |                  |        | 63           | 69            | 55         | 55       | 36          | 51        |              |             | 18        | 52            | 2.70     | 2.0            | 45           | 38       | 14       | 22       | 221                   | 78     | 205 | 56          | -97  | -0.2       | 20.6    | 4.8         | 1.4       | 36.5      | 0           | 47      | 3.27 | 3.30 | 0.25     | 0.80    |
| DF230031  |              |                   |                     |                  |        |              |               |            |          |             |           |              |             |           | 15            | 72       | 60             | 55           | 69       | 55       |          | 60                    | 39     | 20  | 8           | 6    | 25         | 23      | 39          | 19        | 50        | 22          | 18      | 17   | 20   | 17       | 18      |
| DF 230033 |              | SCJ 200161        |                     | DF 180013        |        | 77           | 116           | 122        | 103      | 94          | 117       | 101          | 114         | 110       | 98            | 63       | 64             | 95           | 116      | 122      | 120      | 132                   | 120    | 100 | 84          | 98   | 94         | 87      | 92          | 87        | 105       | 94          | 101     | 102  | 116  | 115      | 104     |
| Black     | 2            |                   |                     |                  |        | 64           | 67            | 47         | 46       | 38          | 49        | 24           | 44          | 26        | 63            | 5.11     | 2.8            | 55           | 42       | 13       | 23       | 222                   | 84     | 219 | 32          | -96  | 0.4        | 14.8    | -0.5        | -0.5      | 35.7      | 0           | 49      | 2.97 | 3.73 | 1.98     | 0.76    |
| DF230033  |              |                   |                     |                  |        |              |               |            |          |             |           |              |             |           | 27            | 72       | 57             | 46           | 67       | 47       |          | 53                    | 33     | 29  | 15          | 17   | 31         | 31      | 44          | 20        | 50        | 31          | 28      | 25   | 27   | 25       | 26      |
| DF 230034 |              | DF 200032         |                     | DF 110023        |        | 83           | 117           | 104        | 93       | 94          | 110       | 113          | 111         | 113       | 109           | 85       | 90             | 106          | 117      | 104      | 108      | 114                   | 117    | 112 | 88          | 113  | 89         | 103     | 90          | 77        | 113       | 112         | 113     | 113  | 108  | 109      | 113     |
| Black     | 3            |                   |                     |                  |        | 61           | 68            | 51         | 47       | 35          | 49        | 21           | 43          | 21        | 78            | 3.08     | -0.3           | 69           | 42       | 8        | 19       | 172                   | 82     | 261 | 44          | -123 | 0.2        | 21.9    | 0.3         | 0.9       | 39.9      | 1           | 59      | 4.00 | 2.76 | 1.50     | 0.93    |
| DF230034  |              |                   |                     |                  |        |              |               |            |          |             |           |              |             |           | 19            | 71       | 56             | 47           | 68       | 51       |          | 55                    | 25     | 23  | 17          | 18   | 21         | 25      | 35          | 22        | 48        | 24          | 23      | 20   | 22   | 21       | 21      |
| DF 230040 |              | DF 200032         |                     | DF 200040        |        | 89           | 102           | 92         | 121      | 97          | 99        |              |             | 95        | 82            | 90       | 80             | 80           | 102      | 92       | 95       | 104                   | 101    | 94  | 91          | 94   | 90         | 96      | 88          | 92        | 109       | 92          | 93      | 98   | 108  | 105      | 99      |
| Black     | 17           |                   |                     |                  |        | 62           | 66            | 45         | 42       | 34          | 46        |              |             | 10        | 42            | 2.60     | 0.9            | 36           | 35       | 4        | 14       | 145                   | 66     | 194 | 53          | -90  | 0.3        | 18.8    | 1.4         | -1.2      | 37.4      | -1          | 43      | 2.58 | 2.78 | 1.16     | 0.66    |
| DF230040  |              |                   |                     |                  |        |              |               |            |          |             |           |              |             |           | 11            | 71       | 54             | 42           | 66       | 45       |          | 51                    | 14     | 13  | 8           | 10   | 14         | 14      | 42          | 15        | 45        | 14          | 13      | 10   | 11   | 10       | 10      |
| DF 230042 |              | DF 200032         |                     | DF 160035        |        | 122          | 88            | 94         | 123      | 119         | 104       |              |             | 82        | 78            | 110      | 114            | 78           | 88       | 94       | 92       | 94                    | 78     | 81  | 83          | 82   | 93         | 81      | 121         | 99        | 116       | 86          | 82      | 83   | 100  | 98       | 84      |
| Black     |              |                   |                     |                  |        | 64           | 69            | 58         | 45       | 36          | 50        |              |             | 8         | 37            | 0.69     | -3.1           | 33           | 28       | 5        | 12       | 118                   | 44     | 145 | 27          | -69  | 0.4        | 12.2    | -14.1       | -2.1      | 41.6      | -1          | 35      | 1.15 | 1.79 | 0.55     | 0.38    |
| DF230042  |              |                   |                     |                  |        |              |               |            |          |             |           |              |             |           | 11            | 72       | 57             | 45           | 69       | 58       |          | 57                    | 17     | 13  | 8           | 9    | 13         | 14      | 43          | 18        | 47        | 13          | 12      | 8    | 9    | 8        | 8       |
| DF 230043 |              | DF 200032         |                     | DF 180002        |        | 72           | 117           | 101        | 105      | 87          | 105       |              |             | 98        | 94            | 75       | 64             | 94           | 117      | 101      | 106      | 116                   | 117    | 95  | 74          | 94   | 92         | 92      | 80          | 75        | 110       | 97          | 98      | 98   | 98   | 99       | 98      |
| Red       | 1            |                   |                     |                  |        | 60           | 62            | 41         | 34       | 33          | 43        |              |             | 10        | 59            | 3.99     | 2.7            | 54           | 42       | 7        | 19       | 179                   | 82     | 199 | 3           | -90  | 0.3        | 17.0    | 5.1         | 1.2       | 38.3      | 0           | 48      | 2.62 | 1.63 | 0.65     | 0.65    |
| DF230043  |              |                   |                     |                  |        |              |               |            |          |             |           |              |             |           | 9             | 70       | 51             | 34           | 62       | 41       |          | 46                    | 16     | 12  | 8           | 9    | 13         | 13      | 40          | 14        | 45        | 13          | 12      | 9    | 10   | 9        | 10      |
| DF 230044 |              | DF 200032         |                     | DF 200030        |        | 93           | 100           | 92         | 117      | 107         | 100       |              |             | 92        | 85            | 93       | 87             | 84           | 100      | 92       | 95       | 100                   | 95     | 89  | 80          | 91   | 91         | 89      | 99          | 108       | 105       | 94          | 94      | 92   | 102  | 101      | 92      |
| Black     | 4            |                   |                     |                  |        | 61           | 56            | 54         | 43       | 30          | 44        |              |             | 10        | 46            | 2.27     | 0.1            | 41           | 33       | 4        | 14       | 134                   | 60     | 175 | 19          | -84  | 0.3        | 15.6    | -4.1        | -3.3      | 35.7      | 0           | 44      | 2.01 | 2.02 | 0.78     | 0.54    |
| DF230044  |              |                   |                     |                  |        |              |               |            |          |             |           |              |             |           | 10            | 70       | 54             | 43           | 56       | 54       |          | 51                    | 14     | 12  | 7           | 9    | 12         | 13      | 30          | 15        | 44        | 13          | 11      | 9    | 10   | 9        | 10      |
| DF 230053 |              | E 200039          |                     | DF 160043        |        | 124          | 72            | 97         | 121      | 120         | 89        |              |             | 81        | 79            | 118      | 114            | 79           | 72       | 97       | 89       | 83                    | 70     | 85  | 91          | 89   | 91         | 80      | 123         | 103       | 114       | 85          | 79      | 78   | 110  | 99       | 80      |
| Black     | 1            |                   |                     |                  |        | 63           | 67            | 59         | 46       | 35          | 50        |              |             | 12        | 38            | -0.04    | -3.1           | 35           | 20       | 6        | 10       | 87                    | 36     | 162 | 51          | -80  | 0.3        | 11.7    | -14.9       | -2.7      | 40.3      | -1          | 32      | 0.65 | 3.03 | 0.65     | 0.31    |
| DF230053  |              |                   |                     |                  |        |              |               |            |          |             |           |              |             |           | 13            | 71       | 57             | 46           | 67       | 59       |          | 57                    | 17     | 15  | 12          | 18   | 18         | 41      | 18          | 47        | 18        | 16          | 12      | 12   | 12   | 12       | 12      |

# 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        | % Inbreeding | Genomic 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 | Growth Value | Prod. Value | Carcass V | Cow wt -birth | Birth wt | Cow-Calf birth | Cow wt -wean | Wean dir | Wean mat | Comb mat | Cow-Calf wn | 12m wt                | ADG | Veld growth | FCR  | Skin Thckn | Scrotum   | Heifer Fert | Cow Fert. | Longevity | Frame score | Length | EMA     | Fat  | Marbling | Dress % |
|           |              |                   |                     |                   |              |               |            |          |             |           |              |             |           |               |          |                |              |          |          |          |             |                       |     |             |      |            |           |             |           |           |             |        |         |      |          |         |
| DF 230054 |              | DF 200032         |                     | DF 140362         | 102          | 79            | 98         | 117      | 84          | 78        | 89           | 77          | 93        | 84            | 103      | 93             | 83           | 79       | 98       | 92       | 89          | 84                    | 91  | 80          | 95   | 83         | 91        | 87          | 77        | 100       | 93          | 90     | 90      | 106  | 109      | 91      |
| Black     | 1            | E                 |                     |                   | 65           | 68            | 50         | 45       | 37          | 49        | 22           | 44          | 20        | 45            | 1.31     | -0.6           | 39           | 23       | 6        | 12       | 103         | 50                    | 184 | 20          | -91  | 0.0        | 16.3      | 2.0         | 0.9       | 32.7      | -1          | 41     | 1.79    | 2.52 | 1.43     | 0.51    |
| DF230054  |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 18            | 73       | 57             | 45           | 68       | 50       |          | 54          | 33                    | 23  | 19          | 19   | 25         | 25        | 42          | 20        | 49        | 24          | 22     | 19      | 21   | 19       | 20      |
| DF 230055 |              | DF 200032         |                     | DF 120028         | 109          | 101           | 93         | 111      | 93          | 101       |              |             | 89        | 91            | 100      | 107            | 90           | 101      | 93       | 96       | 99          | 95                    | 89  | 76          | 87   | 97         | 89        | 81          | 94        | 106       | 89          | 90     | 89      | 100  | 95       | 90      |
| Red       |              | DF                |                     |                   | 64           | 68            | 51         | 45       | 36          | 49        |              |             | 8         | 54            | 1.63     | -2.3           | 48           | 34       | 4        | 14       | 132         | 60                    | 175 | 9           | -78  | 0.5        | 15.7      | 4.8         | -1.4      | 35.9      | -1          | 41     | 1.76    | 1.88 | 0.26     | 0.49    |
| DF230055  |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 15            | 72       | 57             | 45           | 68       | 51       |          | 55          | 20                    | 14  | 8           | 9    | 16         | 15        | 42          | 18        | 49        | 15          | 13     | 8       | 9    | 8        | 8       |
| DF 230056 |              | DF 200032         |                     | DF 200076         | 101          | 100           | 89         | 116      | 89          | 97        |              |             | 95        | 87            | 98       | 96             | 85           | 100      | 89       | 93       | 97          | 95                    | 91  | 86          | 90   | 96         | 92        | 87          | 87        | 101       | 94          | 95     | 96      | 103  | 101      | 97      |
| Red       | 1            | DF                |                     |                   | 57           | 54            | 40         | 37       | 31          | 40        |              |             | 11        | 50            | 1.85     | -1.0           | 43           | 34       | 3        | 13       | 127         | 61                    | 184 | 38          | -83  | 0.5        | 16.8      | 2.0         | -0.5      | 33.2      | 0           | 45     | 2.41    | 2.19 | 0.82     | 0.62    |
| DF230056  |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 14            | 69       | 49             | 37           | 54       | 40       |          | 44          | 19                    | 16  | 12          | 12   | 16         | 17        | 33          | 16        | 44        | 16          | 15     | 11      | 11   | 11       | 11      |
| DF 230057 |              | E 200039          |                     | PT 120311         | 107          | 91            | 112        | 104      | 108         | 102       |              |             | 88        | 94            | 100      | 106            | 94           | 91       | 112      | 105      | 105         | 86                    | 87  | 80          | 91   | 84         | 86        | 112         | 116       | 94        | 92          | 91     | 81      | 112  | 100      | 84      |
| Black     |              |                   |                     |                   | 60           | 67            | 50         | 45       | 32          | 47        |              |             | 10        | 58            | 1.62     | -2.2           | 54           | 29       | 10       | 17       | 148         | 52                    | 168 | 20          | -84  | 0.0        | 14.3      | -10.1       | -4.4      | 29.4      | -1          | 42     | 1.00    | 3.33 | 0.71     | 0.38    |
| DF230057  |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 14            | 70       | 54             | 45           | 67       | 50       |          | 54          | 26                    | 15  | 14          | 10   | 17         | 17        | 31          | 18        | 47        | 16          | 15     | 10      | 11   | 10       | 10      |
| DF 230058 |              | DF 200032         |                     | DF 200031         | 99           | 120           | 89         | 95       | 101         | 114       |              |             | 107       | 109           | 92       | 106            | 106          | 120      | 89       | 99       | 104         | 112                   | 103 | 88          | 103  | 93         | 103       | 96          | 105       | 101       | 103         | 107    | 109     | 107  | 107      | 110     |
| Black     | 17           | DF                |                     |                   | 58           | 65            | 44         | 43       | 30          | 45        |              |             | 11        | 78            | 2.39     | -2.1           | 69           | 43       | 3        | 17       | 146         | 76                    | 230 | 42          | -105 | 0.4        | 21.7      | -2.4        | -3.0      | 33.1      | 0           | 54     | 3.67    | 2.70 | 1.27     | 0.87    |
| DF230058  |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 11            | 70       | 52             | 43           | 65       | 44       |          | 51          | 14                    | 13  | 8           | 10   | 13         | 14        | 31          | 15        | 43        | 14          | 13     | 11      | 11   | 11       | 11      |
| DF 230064 |              | E 200039          |                     | DF 160007         | 105          | 95            | 112        | 92       | 110         | 103       |              |             | 99        | 108           | 108      | 106            | 106          | 95       | 112      | 106      | 103         | 94                    | 97  | 83          | 98   | 89         | 89        | 111         | 91        | 115       | 98          | 98     | 92      | 112  | 102      | 94      |
| Black     | 1            | DF                |                     |                   | 63           | 67            | 58         | 47       | 36          | 50        |              |             | 13        | 76            | 0.89     | -2.1           | 70           | 31       | 10       | 17       | 142         | 59                    | 206 | 29          | -97  | 0.2        | 15.5      | -9.3        | -1.0      | 40.7      | 0           | 47     | 2.01    | 3.23 | 0.89     | 0.57    |
| DF230064  |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 15            | 71       | 57             | 47           | 67       | 58       |          | 57          | 29                    | 17  | 16          | 12   | 19         | 19        | 42          | 18        | 47        | 18          | 17     | 13      | 13   | 13       | 13      |
| DF 230065 |              | E 200039          |                     | WIN 110008        | 106          | 89            | 100        | 93       | 80          | 83        | 95           | 82          | 95        | 107           | 104      | 109            | 107          | 89       | 100      | 96       | 89          | 87                    | 96  | 95          | 97   | 92         | 97        | 75          | 77        | 101       | 94          | 95     | 97      | 115  | 101      | 99      |
| Black     |              |                   |                     |                   | 65           | 68            | 51         | 46       | 37          | 49        | 20           | 43          | 14        | 76            | 1.26     | -2.5           | 70           | 28       | 7        | 14       | 104         | 53                    | 201 | 62          | -94  | 0.3        | 19.3      | 7.3         | 0.9       | 33.1      | 0           | 45     | 2.55    | 3.60 | 0.80     | 0.67    |
| DF230065  |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 19            | 73       | 58             | 46           | 68       | 51       |          | 55          | 32                    | 25  | 23          | 15   | 27         | 27        | 40          | 20        | 50        | 26          | 24     | 14      | 15   | 14       | 14      |
| DF 240003 |              | KCM 210052        |                     | DF 190012         | 118          | 84            | 94         | 122      | 97          | 91        |              |             | 87        | 78            | 106      | 111            | 79           | 84       | 94       | 91       | 90          | 78                    | 90  | 100         | 90   | 103        | 92        | 98          | 98        | 98        | 88          | 89     | 84      | 98   | 96       | 85      |
| Red       | 1            | DF                |                     |                   | 57           | 66            | 45         | 43       | 30          | 45        |              |             | 17        | 38            | 1.08     | -2.8           | 34           | 25       | 5        | 12       | 107         | 44                    | 178 | 76          | -82  | 0.7        | 17.1      | -3.6        | -2.0      | 31.5      | -1          | 40     | 1.26    | 1.55 | 0.36     | 0.40    |
| Sulley    |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 12            | 70       | 51             | 43           | 66       | 45       |          | 51          | 24                    | 19  | 15          | 8    | 22         | 21        | 29          | 16        | 44        | 21          | 19     | 16      | 18   | 16       | 17      |
| DF 240004 |              | DF 210039         |                     | DF 190044         | 131          | 75            | 86         | 122      | 92          | 82        |              |             | 83        | 78            | 123      | 122            | 79           | 75       | 86       | 82       | 76          | 68                    | 84  | 90          | 85   | 96         | 71        | 93          | 87        | 100       | 89          | 85     | 81      | 101  | 99       | 82      |
| Black     |              | DF                |                     |                   | 58           | 67            | 45         | 42       | 30          | 45        |              |             | 11        | 37            | -0.55    | -4.0           | 35           | 21       | 2        | 9        | 67          | 34                    | 158 | 48          | -74  | 0.5        | 7.7       | -1.2        | -0.5      | 32.9      | -1          | 37     | 1.01    | 1.90 | 0.64     | 0.35    |
| DF240004  |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 15            | 71       | 51             | 42           | 67       | 45       |          | 51          | 20                    | 17  | 13          | 11   | 17         | 17        | 29          | 17        | 43        | 17          | 15     | 11      | 11   | 11       | 11      |
| DF 240011 |              | KCM 210052        |                     | DF 200056         | 111          | 85            | 93         | 112      | 102         | 89        |              |             | 81        | 87            | 103      | 108            | 89           | 85       | 93       | 90       | 88          | 82                    | 86  | 109         | 86   | 105        | 94        | 99          | 111       | 97        | 87          | 86     | 82      | 98   | 95       | 83      |
| Red       | 1            | DF                |                     |                   | 56           | 66            | 41         | 41       | 29          | 44        |              |             | 18        | 48            | 1.34     | -2.4           | 47           | 26       | 5        | 12       | 100         | 48                    | 165 | 105         | -76  | 0.8        | 17.7      | -3.7        | -3.7      | 31.2      | -1          | 38     | 1.06    | 1.64 | 0.30     | 0.36    |
| DF240011  |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 13            | 70       | 49             | 41           | 66       | 41       |          | 49          | 23                    | 20  | 15          | 10   | 22         | 22        | 30          | 16        | 42        | 21          | 19     | 17      | 18   | 17       | 18      |
| DF 240012 |              | KCM 210052        |                     | DF 200066         | 109          | 102           | 95         | 98       | 99          | 102       |              |             | 90        | 100           | 99       | 113            | 102          | 102      | 95       | 97       | 97          | 93                    | 92  | 96          | 91   | 106        | 95        | 94          | 106       | 97        | 95          | 96     | 91      | 96   | 96       | 91      |
| Red       | 1            | DF                |                     |                   | 56           | 66            | 43         | 42       | 30          | 44        |              |             | 18        | 66            | 1.77     | -2.9           | 64           | 34       | 5        | 15       | 125         | 58                    | 186 | 66          | -84  | 0.8        | 18.3      | -1.6        | -3.1      | 31.3      | 0           | 45     | 1.90    | 1.39 | 0.34     | 0.51    |
| DF240012  |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 13            | 70       | 50             | 42           | 66       | 43       |          | 50          | 23                    | 20  | 15          | 9    | 22         | 22        | 30          | 17        | 43        | 21          | 19     | 17      | 19   | 17       | 18      |
| DF 240023 |              | DF 210039         |                     | DF 200021         | 126          | 81            | 91         | 117      | 104         | 91        |              |             | 83        | 82            | 113      | 121            | 83           | 81       | 91       | 88       | 84          | 75                    | 88  | 92          | 90   | 95         | 79        | 108         | 101       | 100       | 89          | 83     | 85      | 99   | 99       | 86      |
| Black     | 1            | DF                |                     |                   | 57           | 67            | 43         | 42       | 30          | 45        |              |             | 13        | 42            | 0.44     | -3.9           | 40           | 24       | 4        | 11       | 89          | 41                    | 171 | 55          | -82  | 0.4        | 11.2      | -7.9        | -2.3      | 32.6      | -1          | 36     | 1.36    | 1.75 | 0.61     | 0.41    |
| DF240023  |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 15            | 70       | 50             | 42           | 67       | 43       |          | 51          | 20                    | 16  | 13          | 12   | 15         | 17        | 29          | 18        | 42        | 16          | 15     | 13      | 13   | 13       | 13      |

# 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        | % 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 | Growth Value | Prod. Value | Carcass V | Cow wt -birth | Birth wt | Cow-Calf birth | Cow wt -wean | Wean dir | Wean mat | Comb mat | Cow-Calf wn           | 12m wt | ADG | Veld growth | FCR  | Skin Thickn | Scrotum | Heifer Fert | Cow Fert. | Longevity | Frame score | Length  | EMA   | Fat  | Marbling | Dress % |
|           |              |                   |                     |                  |        |              |               |            |          |             |           |              |             |           |               |          |                |              |          |          |          |                       |        |     |             |      |             |         |             |           |           |             |         |       |      |          |         |
| DF 240025 |              | DF 210039         |                     | DF 200029        |        | 114          | 82            | 95         | 111      | 120         | 94        |              |             | 84        | 88            | 110      | 108            | 89           | 82       | 95       | 91       | 87                    | 80     | 86  | 88          | 87   | 96          | 84      | 132         | 110       | 103       | 86          | 83      | 84    | 104  | 100      | 85      |
| Black     | 5            |                   |                     |                  |        | 57           | 66            | 43         | 42       | 28          | 44        |              |             | 10        | 50            | 0.72     | -2.5           | 47           | 25       | 5        | 12       | 98                    | 46     | 163 | 43          | -77  | 0.5         | 13.2    | -19.5       | -3.5      | 34.5      | -1          | 35      | 1.23  | 2.28 | 0.71     | 0.40    |
| DF240025  |              |                   |                     |                  |        |              |               |            |          |             |           |              |             |           | 14            | 70       | 50             | 42           | 66       | 43       |          | 50                    | 16     | 13  | 9           | 9    | 13          | 13      | 27          | 16        | 42        | 13          | 12      | 10    | 10   | 10       | 10      |
| DF 240031 |              | DF 210039         |                     | DF 190013        |        | 106          | 93            | 89         | 112      | 87          | 89        |              |             | 87        | 87            | 99       | 103            | 89           | 93       | 89       | 90       | 90                    | 86     | 88  | 82          | 90   | 94          | 83      | 91          | 76        | 102       | 90          | 87      | 83    | 96   | 97       | 84      |
| Red       |              |                   |                     |                  |        | 58           | 66            | 43         | 41       | 29          | 44        |              |             | 10        | 49            | 1.76     | -1.8           | 47           | 30       | 3        | 12       | 105                   | 52     | 172 | 26          | -82  | 0.4         | 12.8    | -0.1        | 0.9       | 33.8      | -1          | 39      | 1.19  | 1.28 | 0.43     | 0.38    |
| DF240031  |              |                   |                     |                  |        |              |               |            |          |             |           |              |             |           | 13            | 71       | 51             | 41           | 66       | 43       |          | 50                    | 19     | 12  | 11          | 8    | 13          | 13      | 28          | 16        | 43        | 12          | 11      | 9     | 10   | 9        | 10      |
| DF 240032 |              | DF 210039         |                     | DF 140062        |        | 129          | 71            | 78         | 125      | 107         | 79        |              |             | 75        | 76            | 120      | 119            | 77           | 71       | 78       | 76       | 67                    | 67     | 79  | 96          | 83   | 100         | 72      | 113         | 115       | 91        | 84          | 75      | 73    | 101  | 98       | 75      |
| Black     | 1            |                   |                     |                  |        | 60           | 68            | 48         | 42       | 28          | 46        |              |             | 10        | 35            | -0.23    | -3.7           | 33           | 19       | 0        | 6        | 42                    | 34     | 139 | 66          | -70  | 0.6         | 8.1     | -10.6       | -4.2      | 27.8      | -1          | 29      | 0.24  | 1.94 | 0.57     | 0.21    |
| DF240032  |              |                   |                     |                  |        |              |               |            |          |             |           |              |             |           | 13            | 72       | 53             | 42           | 68       | 48       |          | 53                    | 22     | 14  | 11          | 12   | 15          | 15      | 23          | 17        | 45        | 14          | 13      | 9     | 10   | 9        | 10      |
| DF 240038 |              | DF 210010         |                     | DF 170029        |        | 105          | 86            | 90         | 111      | 101         | 87        |              |             | 88        | 89            | 113      | 96             | 89           | 86       | 90       | 89       | 86                    | 87     | 92  | 100         | 93   | 91          | 86      | 97          | 98        | 105       | 90          | 87      | 83    | 99   | 99       | 84      |
| Black     |              |                   |                     |                  |        | 51           | 54            | 47         | 46       | 32          | 42        |              |             | 12        | 52            | 0.38     | -1.0           | 48           | 27       | 4        | 11       | 95                    | 53     | 186 | 77          | -87  | 0.3         | 14.2    | -2.8        | -2.0      | 35.5      | -1          | 39      | 1.15  | 1.74 | 0.59     | 0.38    |
| DF240038  |              |                   |                     |                  |        |              |               |            |          |             |           |              |             |           | 14            | 57       | 49             | 46           | 54       | 47       |          | 49                    | 27     | 15  | 10          | 9    | 16          | 15      | 31          | 20        | 45        | 15          | 14      | 12    | 13   | 12       | 12      |
| DF 240040 |              | KCM 210052        |                     | DF 120028        |        | 109          | 95            | 102        | 106      | 97          | 100       |              |             | 83        | 93            | 101      | 108            | 94           | 95       | 102      | 100      | 101                   | 91     | 87  | 91          | 86   | 107         | 90      | 93          | 106       | 97        | 87          | 87      | 80    | 100  | 91       | 81      |
| Red       |              |                   |                     |                  |        | 61           | 68            | 50         | 43       | 31          | 47        |              |             | 16        | 57            | 1.51     | -2.4           | 53           | 31       | 7        | 15       | 136                   | 56     | 168 | 52          | -76  | 0.9         | 16.2    | -0.9        | -3.0      | 31.0      | -1          | 39      | 0.87  | 1.76 | -0.09    | 0.32    |
| DF240040  |              |                   |                     |                  |        |              |               |            |          |             |           |              |             |           | 16            | 72       | 54             | 43           | 68       | 50       |          | 54                    | 25     | 20  | 13          | 8    | 23          | 22      | 30          | 17        | 46        | 21          | 19      | 16    | 17   | 16       | 16      |
| DF 240042 |              | DF 210039         |                     | DF 190046        |        | 104          | 98            | 91         | 104      | 87          | 92        |              |             | 87        | 94            | 99       | 104            | 97           | 98       | 91       | 93       | 93                    | 91     | 88  | 90          | 92   | 93          | 82      | 90          | 80        | 100       | 98          | 93      | 85    | 98   | 98       | 86      |
| Black     | 1            |                   |                     |                  |        | 58           | 66            | 42         | 42       | 30          | 45        |              |             | 10        | 58            | 1.73     | -2.0           | 57           | 33       | 4        | 13       | 114                   | 56     | 170 | 49          | -86  | 0.4         | 12.7    | 0.2         | 0.4       | 32.4      | 0           | 43      | 1.39  | 1.62 | 0.53     | 0.42    |
| DF240042  |              |                   |                     |                  |        |              |               |            |          |             |           |              |             |           | 13            | 71       | 51             | 42           | 66       | 42       |          | 50                    | 20     | 15  | 11          | 13   | 16          | 16      | 29          | 18        | 44        | 15          | 14      | 10    | 10   | 10       | 10      |
| DF 240045 |              | DF 210039         |                     | E 150054         |        | 115          | 63            | 93         | 122      | 93          | 67        |              |             | 76        | 76            | 119      | 101            | 79           | 63       | 93       | 83       | 72                    | 65     | 83  | 101         | 86   | 87          | 76      | 103         | 89        | 95        | 81          | 75      | 68    | 100  | 101      | 70      |
| Black     | 1            |                   |                     |                  |        | 60           | 68            | 46         | 43       | 29          | 46        |              |             | 12        | 35            | -0.18    | -1.6           | 35           | 15       | 4        | 8        | 56                    | 32     | 151 | 81          | -75  | 0.2         | 9.6     | -5.6        | -0.7      | 29.9      | -1          | 29      | -0.26 | 1.87 | 0.82     | 0.12    |
| DF240045  |              |                   |                     |                  |        |              |               |            |          |             |           |              |             |           | 18            | 72       | 53             | 43           | 68       | 46       |          | 52                    | 31     | 15  | 11          | 9    | 17          | 16      | 25          | 15        | 46        | 16          | 14      | 11    | 12   | 11       | 12      |
| DF 240054 |              | DF 210009         |                     | DF 200012        |        | 116          | 91            | 91         | 105      | 101         | 93        |              |             | 92        | 93            | 109      | 115            | 96           | 91       | 91       | 91       | 87                    | 88     | 99  | 105         | 101  | 90          | 91      | 87          | 96        | 113       | 96          | 92      | 94    | 104  | 102      | 94      |
| Black     | 5            |                   |                     |                  |        | 58           | 66            | 47         | 45       | 32          | 46        |              |             | 16        | 58            | 0.82     | -3.2           | 56           | 29       | 4        | 12       | 99                    | 53     | 214 | 92          | -102 | 0.3         | 16.4    | 1.9         | -1.7      | 39.6      | 0           | 43      | 2.19  | 2.32 | 0.90     | 0.58    |
| DF240054  |              |                   |                     |                  |        |              |               |            |          |             |           |              |             |           | 17            | 70       | 53             | 45           | 66       | 47       |          | 53                    | 22     | 19  | 13          | 14   | 18          | 20      | 31          | 20        | 44        | 19          | 18      | 16    | 17   | 16       | 16      |
| DF 240056 |              | KCM 210052        |                     | DF 210027        |        | 106          | 96            | 100        | 102      | 102         | 100       |              |             | 96        | 97            | 106      | 105            | 97           | 96       | 100      | 99       | 99                    | 97     | 96  | 111         | 95   | 100         | 102     | 107         | 97        | 100       | 90          | 94      | 97    | 114  | 101      | 99      |
| Black     |              |                   |                     |                  |        | 57           | 66            | 41         | 41       | 29          | 44        |              |             | 22        | 62            | 1.06     | -2.0           | 58           | 32       | 7        | 15       | 131                   | 63     | 202 | 110         | -91  | 0.6         | 21.3    | -7.7        | -1.9      | 32.7      | -1          | 44      | 2.52  | 3.50 | 0.78     | 0.67    |
| DF240056  |              |                   |                     |                  |        |              |               |            |          |             |           |              |             |           | 16            | 70       | 50             | 41           | 66       | 41       |          | 49                    | 29     | 23  | 18          | 12   | 24          | 25      | 29          | 16        | 42        | 24          | 22      | 21    | 23   | 21       | 22      |
| DF 240063 |              | DF 210009         |                     | DF 180013        |        | 112          | 86            | 104        | 112      | 91          | 92        |              |             | 90        | 86            | 104      | 108            | 87           | 86       | 104      | 98       | 98                    | 84     | 96  | 99          | 98   | 89          | 86      | 88          | 96        | 97        | 95          | 93      | 88    | 103  | 102      | 89      |
| Black     | 1            |                   |                     |                  |        | 58           | 66            | 47         | 45       | 32          | 46        |              |             | 16        | 48            | 1.25     | -2.4           | 45           | 27       | 8        | 14       | 128                   | 49     | 202 | 73          | -97  | 0.2         | 14.4    | 1.2         | -1.8      | 31.0      | 0           | 44      | 1.67  | 2.18 | 0.88     | 0.48    |
| DF240063  |              |                   |                     |                  |        |              |               |            |          |             |           |              |             |           | 16            | 70       | 53             | 45           | 66       | 47       |          | 53                    | 21     | 19  | 12          | 13   | 19          | 20      | 31          | 19        | 46        | 20          | 18      | 15    | 16   | 15       | 16      |
| DF 240064 |              | KCM 210052        |                     | DF 210024        |        | 96           | 114           | 116        | 90       | 100         | 117       |              |             | 98        | 109           | 86       | 105            | 109          | 114      | 116      | 115      | 118                   | 107    | 98  | 88          | 95   | 104         | 97      | 95          | 102       | 102       | 99          | 103     | 95    | 100  | 98       | 95      |
| Red       | 1            |                   |                     |                  |        | 55           | 64            | 42         | 41       | 25          | 43        |              |             | 17        | 78            | 2.92     | -2.1           | 72           | 41       | 12       | 21       | 185                   | 72     | 209 | 44          | -92  | 0.8         | 19.0    | -1.7        | -2.5      | 33.9      | 0           | 52      | 2.30  | 1.85 | 0.51     | 0.60    |
| DF240064  |              |                   |                     |                  |        |              |               |            |          |             |           |              |             |           | 11            | 69       | 49             | 41           | 64       | 42       |          | 49                    | 22     | 20  | 14          | 11   | 23          | 22      | 23          | 13        | 40        | 21          | 19      | 16    | 18   | 16       | 17      |
| DF 240065 |              | DF 210010         |                     | DF 150043        |        | 115          | 95            | 97         | 91       | 93          | 94        |              |             | 94        | 108           | 125      | 113            | 110          | 95       | 97       | 96       | 91                    | 89     | 94  | 82          | 94   | 96          | 89      | 88          | 100       | 98        | 95          | 92      | 91    | 100  | 100      | 92      |
| Black     | 1            |                   |                     |                  |        | 60           | 65            | 49         | 46       | 33          | 47        |              |             | 14        | 77            | -0.71    | -2.9           | 74           | 31       | 6        | 14       | 108                   | 54     | 196 | 25          | -89  | 0.5         | 15.5    | 1.3         | -2.2      | 31.4      | 0           | 43      | 1.95  | 1.81 | 0.69     | 0.53    |
| DF240065  |              |                   |                     |                  |        |              |               |            |          |             |           |              |             |           | 15            | 70       | 54             | 46           | 65       | 49       |          | 53                    | 26     | 17  | 12          | 10   | 19          | 18      | 32          | 20        | 46        | 18          | 17      | 13    | 14   | 13       | 14      |

# 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        | % 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 | Growth Value | Prod. Value | Carcass V | Cow wt -birth | Birth wt     | Cow-Calf birth | Cow wt -wean | Wean dir  | Wean mat  | Comb mat  | Cow-Calf wn           | 12m wt    | ADG        | Veld growth | FCR         | Skin Thckn | Scrotum     | Heifer Fert  | Cow Fert.   | Longevity   | Frame score | Length     | EMA         | Fat         | Marbling    | Dress %     |
|           |              |                   |                     |                  |        |              |               |            |           |             |           |              |             |           |               |              |                |              |           |           |           |                       |           |            |             |             |            |             |              |             |             |             |            |             |             |             |             |
| DF 240067 |              | KCM 210052        |                     | DF 190017        |        | 135<br>57    | 75<br>67      | 92<br>46   | 126<br>42 | 112<br>29   | 93<br>45  |              |             | 73<br>17  | 74<br>32      | 121<br>-0.32 | 128<br>-4.7    | 76<br>30     | 75<br>21  | 92<br>4   | 86<br>10  | 82<br>84              | 66<br>32  | 80<br>141  | 97<br>69    | 81<br>-67   | 102<br>0.7 | 85<br>13.6  | 124<br>-15.5 | 105<br>-2.9 | 100<br>32.5 | 80<br>-2    | 76<br>30   | 73<br>0.16  | 98<br>1.60  | 93<br>0.12  | 74<br>0.19  |
| Red       |              | DF 190017         |                     |                  |        |              |               |            |           |             |           |              |             |           |               |              |                |              |           |           |           |                       |           |            |             |             |            |             |              |             |             |             |            |             |             |             |             |
| DF240067  |              |                   |                     |                  |        |              |               |            |           |             |           |              |             |           |               |              |                |              |           |           |           |                       |           |            |             |             |            |             |              |             |             |             |            |             |             |             |             |
| DF 240069 | 2            | DF 210009         |                     | DF 160041        |        | 116<br>51    | 84<br>67      | 111<br>49  | 111<br>47 | 118<br>32   | 102<br>46 |              |             | 86<br>16  | 87<br>49      | 108<br>0.84  | 112<br>-2.9    | 88<br>46     | 84<br>26  | 111<br>10 | 102<br>15 | 101<br>137            | 83<br>48  | 91<br>183  | 99<br>75    | 95<br>-91   | 91<br>0.3  | 82<br>12.3  | 111<br>-9.4  | 104<br>-2.8 | 117<br>42.2 | 90<br>-1    | 87<br>38   | 82<br>1.08  | 102<br>2.04 | 99<br>0.66  | 83<br>0.37  |
| Black     |              | DF 160041         |                     |                  |        |              |               |            |           |             |           |              |             |           |               |              |                |              |           |           |           |                       |           |            |             |             |            |             |              |             |             |             |            |             |             |             |             |
| DF240069  |              |                   |                     |                  |        |              |               |            |           |             |           |              |             |           |               |              |                |              |           |           |           |                       |           |            |             |             |            |             |              |             |             |             |            |             |             |             |             |
| DF 240075 | 1            | DF 210009         |                     | DF 140026        |        | 104<br>59    | 78<br>66      | 100<br>49  | 123<br>45 | 89<br>31    | 81<br>46  |              |             | 82<br>16  | 74<br>32      | 97<br>1.93   | 96<br>-1.0     | 77<br>33     | 78<br>22  | 100<br>7  | 93<br>12  | 91<br>110             | 80<br>46  | 90<br>180  | 110<br>105  | 97<br>-95   | 88<br>0.2  | 85<br>13.6  | 94<br>-1.5   | 84<br>-0.1  | 97<br>31.2  | 90<br>-1    | 83<br>35   | 78<br>0.69  | 105<br>2.47 | 102<br>0.86 | 80<br>0.31  |
| Red       |              | DF 140026         |                     |                  |        |              |               |            |           |             |           |              |             |           |               |              |                |              |           |           |           |                       |           |            |             |             |            |             |              |             |             |             |            |             |             |             |             |
| DF240075  |              |                   |                     |                  |        |              |               |            |           |             |           |              |             |           |               |              |                |              |           |           |           |                       |           |            |             |             |            |             |              |             |             |             |            |             |             |             |             |
| DF 240078 |              | KCM 210052        |                     | DF 210011        |        | 89<br>57     | 101<br>66     | 113<br>43  | 95<br>42  | 102<br>30   | 102<br>45 |              |             | 105<br>22 | 104<br>72     | 95<br>2.12   | 92<br>-0.6     | 104<br>67    | 101<br>34 | 113<br>11 | 109<br>18 | 109<br>158            | 106<br>71 | 110<br>256 | 109<br>104  | 109<br>-116 | 99<br>0.6  | 103<br>21.7 | 102<br>-5.5  | 91<br>-1.0  | 108<br>37.2 | 102<br>0    | 106<br>54  | 101<br>2.89 | 111<br>3.20 | 107<br>1.26 | 102<br>0.73 |
| Black     |              | DF 210011         |                     |                  |        |              |               |            |           |             |           |              |             |           |               |              |                |              |           |           |           |                       |           |            |             |             |            |             |              |             |             |             |            |             |             |             |             |
| DF240078  |              |                   |                     |                  |        |              |               |            |           |             |           |              |             |           |               |              |                |              |           |           |           |                       |           |            |             |             |            |             |              |             |             |             |            |             |             |             |             |
| DF 240080 |              | DF 210009         |                     | E 130288         |        | 110<br>61    | 80<br>68      | 91<br>48   | 112<br>46 | 100<br>32   | 82<br>47  |              |             | 81<br>15  | 86<br>47      | 110<br>0.70  | 104<br>-1.9    | 88<br>46     | 80<br>24  | 91<br>4   | 87<br>10  | 82<br>83              | 80<br>46  | 89<br>176  | 104<br>89   | 92<br>-86   | 87<br>0.1  | 86<br>14.3  | 92<br>-0.7   | 102<br>-2.5 | 103<br>34.5 | 86<br>-1    | 81<br>34   | 76<br>0.47  | 103<br>2.24 | 102<br>0.90 | 77<br>0.26  |
| Black     |              | E 130288          |                     |                  |        |              |               |            |           |             |           |              |             |           |               |              |                |              |           |           |           |                       |           |            |             |             |            |             |              |             |             |             |            |             |             |             |             |
| DF240080  |              |                   |                     |                  |        |              |               |            |           |             |           |              |             |           |               |              |                |              |           |           |           |                       |           |            |             |             |            |             |              |             |             |             |            |             |             |             |             |
| DF 240082 | 1            | DF 210009         |                     | DF 180019        |        | 88<br>58     | 93<br>65      | 100<br>44  | 113<br>44 | 91<br>31    | 89<br>45  |              |             | 86<br>16  | 84<br>45      | 85<br>3.00   | 85<br>0.2      | 87<br>45     | 93<br>30  | 100<br>7  | 98<br>14  | 100<br>133            | 94<br>59  | 94<br>196  | 105<br>92   | 101<br>-102 | 86<br>0.1  | 90<br>16.2  | 87<br>1.8    | 98<br>-2.0  | 96<br>30.3  | 97<br>0     | 91<br>42   | 86<br>1.48  | 103<br>2.18 | 101<br>0.78 | 87<br>0.45  |
| Black     |              | DF 180019         |                     |                  |        |              |               |            |           |             |           |              |             |           |               |              |                |              |           |           |           |                       |           |            |             |             |            |             |              |             |             |             |            |             |             |             |             |
| DF240082  |              |                   |                     |                  |        |              |               |            |           |             |           |              |             |           |               |              |                |              |           |           |           |                       |           |            |             |             |            |             |              |             |             |             |            |             |             |             |             |
| DF 250002 | 1            | DF 200078         |                     | DF 200050        |        | 100<br>55    | 108<br>62     | 84<br>44   | 106<br>44 | 98<br>29    | 102<br>43 |              |             | 91<br>9   | 95<br>59      | 99<br>1.75   | 99<br>-1.4     | 95<br>44     | 108<br>62 | 84<br>44  | 92<br>14  | 96<br>123             | 100<br>65 | 88<br>171  | 87<br>41    | 98<br>-80   | 98<br>0.5  | 88<br>15.0  | 90<br>0.3    | 91<br>-1.0  | 110<br>38.2 | 96<br>0     | 93<br>43   | 90<br>1.86  | 99<br>1.72  | 97<br>0.43  | 91<br>0.51  |
| Black     |              | DF 200050         |                     |                  |        |              |               |            |           |             |           |              |             |           |               |              |                |              |           |           |           |                       |           |            |             |             |            |             |              |             |             |             |            |             |             |             |             |
| DF250002  |              |                   |                     |                  |        |              |               |            |           |             |           |              |             |           |               |              |                |              |           |           |           |                       |           |            |             |             |            |             |              |             |             |             |            |             |             |             |             |
| DF 250003 | 13           | DF 210064         |                     | DF 200014        |        | 113<br>54    | 89<br>62      | 81<br>41   | 134<br>44 | 87<br>30    | 90<br>43  |              |             | 75<br>10  | 68<br>24      | 97<br>1.88   | 104<br>-2.0    | 69<br>23     | 89<br>28  | 81<br>1   | 84<br>10  | 88<br>100             | 81<br>47  | 80<br>140  | 91<br>51    | 78<br>-61   | 96<br>0.5  | 82<br>12.5  | 94<br>-1.7   | 85<br>-0.2  | 94<br>29.1  | 82<br>-1    | 78<br>32   | 81<br>0.98  | 90<br>0.57  | 90<br>-0.14 | 81<br>0.32  |
| Black     |              | DF 200014         |                     |                  |        |              |               |            |           |             |           |              |             |           |               |              |                |              |           |           |           |                       |           |            |             |             |            |             |              |             |             |             |            |             |             |             |             |
| DF250003  |              |                   |                     |                  |        |              |               |            |           |             |           |              |             |           |               |              |                |              |           |           |           |                       |           |            |             |             |            |             |              |             |             |             |            |             |             |             |             |
| DF 250004 | 13           | DF 210064         |                     | DF 200024        |        | 142<br>55    | 88<br>63      | 80<br>43   | 114<br>45 | 85<br>31    | 92<br>44  |              |             | 91<br>14  | 87<br>49      | 129<br>-1.11 | 140<br>-6.2    | 88<br>46     | 88<br>27  | 80<br>0   | 83<br>9   | 79<br>75              | 74<br>40  | 94<br>194  | 93<br>57    | 94<br>-90   | 95<br>0.4  | 91<br>16.4  | 82<br>4.2    | 87<br>-0.5  | 99<br>31.9  | 96<br>0     | 93<br>44   | 95<br>2.31  | 92<br>0.88  | 96<br>0.39  | 94<br>0.58  |
| Black     |              | DF 200024         |                     |                  |        |              |               |            |           |             |           |              |             |           |               |              |                |              |           |           |           |                       |           |            |             |             |            |             |              |             |             |             |            |             |             |             |             |
| DF250004  |              |                   |                     |                  |        |              |               |            |           |             |           |              |             |           |               |              |                |              |           |           |           |                       |           |            |             |             |            |             |              |             |             |             |            |             |             |             |             |
| DF 250011 |              | KCM 220090        |                     | DF 220064        |        | 112<br>53    | 106<br>51     | 95<br>36   | 92<br>34  | 105<br>25   | 108<br>37 |              |             | 97<br>6   | 108<br>76     | 105<br>1.13  | 115<br>-3.2    | 108<br>72    | 106<br>37 | 95<br>5   | 99<br>16  | 98<br>128             | 99<br>64  | 94<br>86   | 96<br>-92   | 97<br>0.5   | 90<br>16.0 | 105<br>-6.4 | 107<br>-3.2  | 101<br>33.1 | 102<br>0    | 101<br>50   | 93<br>2.17 | 100<br>1.77 | 100<br>0.71 | 94<br>0.57  |             |
| Black     |              | DF 220064         |                     |                  |        |              |               |            |           |             |           |              |             |           |               |              |                |              |           |           |           |                       |           |            |             |             |            |             |              |             |             |             |            |             |             |             |             |
| DF250011  |              |                   |                     |                  |        |              |               |            |           |             |           |              |             |           |               |              |                |              |           |           |           |                       |           |            |             |             |            |             |              |             |             |             |            |             |             |             |             |
| DF 250012 |              | PT 120311         |                     |                  |        | 121<br>53    | 68<br>61      | 107<br>41  | 122<br>36 | 94<br>24    | 81<br>40  |              |             | 73<br>2   | 71<br>28      | 123<br>-0.54 | 108<br>-2.3    | 78<br>34     | 68<br>18  | 107<br>9  | 94<br>12  | 89<br>103             | 60<br>26  | 66<br>89   | 77<br>12    | 80<br>-65   | 88<br>0.2  | 83<br>12.8  | 118<br>-13.0 | 128<br>-6.1 | 59<br>9.8   | 97<br>0     | 84<br>36   | 70<br>-0.11 | 101<br>1.98 | 92<br>-0.01 | 71<br>0.14  |
| Black     |              | PT 120311         |                     |                  |        |              |               |            |           |             |           |              |             |           |               |              |                |              |           |           |           |                       |           |            |             |             |            |             |              |             |             |             |            |             |             |             |             |
| DF250012  |              |                   |                     |                  |        |              |               |            |           |             |           |              |             |           |               |              |                |              |           |           |           |                       |           |            |             |             |            |             |              |             |             |             |            |             |             |             |             |
| DF 250014 | 1            | KCM 220090        |                     | DF 210092        |        | 104<br>53    | 98<br>63      | 98<br>38   | 98<br>41  | 101<br>25   | 98<br>41  |              |             | 101<br>8  | 100<br>66     | 111<br>0.60  | 102<br>-1.7    | 102<br>63    | 98<br>32  | 98<br>6   | 98<br>15  | 96<br>124             | 97<br>62  | 99<br>214  | 101<br>79   | 104<br>-107 | 93<br>0.4  | 100<br>20.3 | 101<br>-4.8  | 108<br>-3.3 | 96<br>30.5  | 109<br>1    | 106<br>54  | 98<br>2.61  | 102<br>2.09 | 101<br>0.79 | 99<br>0.66  |
| Red       |              | DF 210092         |                     |                  |        |              |               |            |           |             |           |              |             |           |               |              |                |              |           |           |           |                       |           |            |             |             |            |             |              |             |             |             |            |             |             |             |             |
| LINDA     |              |                   |                     |                  |        |              |               |            |           |             |           |              |             |           |               |              |                |              |           |           |           |                       |           |            |             |             |            |             |              |             |             |             |            |             |             |             |             |

# 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        | % Inbreeding | Genomic 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 | Growth Value | Prod. Value | Carcass V | Cow wt -birth | Birth wt | Cow-Calf birth | Cow wt -wean | Wean dir | Wean mat | Comb mat | Cow-Calf wn | 12m wt                | ADG | Veld growth | FCR  | Skin Thckn | Scrotum   | Heifer Fert | Cow Fert. | Longevity | Frame score | Length | EMA     | Fat  | Marbling | Dress % |
|           |              |                   |                     |                   |              |               |            |          |             |           |              |             |           |               |          |                |              |          |          |          |             |                       |     |             |      |            |           |             |           |           |             |        |         |      |          |         |
| DF 250016 |              | DF 200031         |                     |                   | 104          | 92            | 92         | 110      | 83          | 88        |              |             | 91        | 85            | 104      | 100            | 90           | 92       | 92       | 92       | 92          | 86                    | 85  | 93          | 98   | 88         | 98        | 106         | 108       | 64        | 105         | 96     | 92      | 106  | 99       | 93      |
| Black     |              |                   |                     |                   | 49           | 57            | 33         | 35       | 21          | 37        |              |             | 8         | 46            | 1.30     | -1.4           | 49           | 30       | 4        | 13       | 112         | 52                    | 160 | 58          | -96  | 0.2        | 19.8      | -7.1        | -3.3      | 12.6      | 0           | 46     | 2.02    | 2.55 | 0.64     | 0.55    |
| DF250016  |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 8             | 62       | 43             | 35           | 57       | 33       |          | 42          | 10                    | 9   | 6           | 7    | 9          | 10        | 21          | 12        | 31        | 9           | 9      | 8       | 8    | 8        | 8       |
| DF 250017 |              | E 150054          |                     |                   | 102          | 73            | 93         | 111      | 67          | 63        |              |             | 83        | 82            | 117      | 91             | 89           | 73       | 93       | 86       | 77          | 72                    | 78  | 100         | 93   | 82         | 89        | 94          | 91        | 60        | 100         | 88     | 75      | 102  | 98       | 77      |
| Black     |              |                   |                     |                   | 54           | 60            | 38         | 37       | 22          | 40        |              |             | 9         | 42            | 0.04     | -0.4           | 48           | 20       | 5        | 10       | 71          | 38                    | 136 | 76          | -87  | 0.0        | 15.6      | -1.4        | -1.0      | 10.3      | 0           | 39     | 0.40    | 2.05 | 0.57     | 0.25    |
| DF250017  |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 15            | 65       | 47             | 37           | 60       | 38       | 45       | 28          | 12                    | 8   | 6           | 14   | 13         | 20        | 11          | 36        | 13        | 11          | 8      | 10      | 8    | 9        |         |
| DF 250020 |              | DF 200029         |                     |                   | 91           | 100           | 98         | 101      | 94          | 95        |              |             | 91        | 93            | 95       | 92             | 98           | 100      | 98       | 99       | 99          | 95                    | 82  | 86          | 94   | 91         | 97        | 123         | 111       | 68        | 105         | 96     | 91      | 105  | 97       | 92      |
| Black     |              |                   |                     |                   | 49           | 57            | 34         | 35       | 22          | 37        |              |             | 6         | 57            | 2.08     | -0.5           | 59           | 34       | 6        | 15       | 132         | 60                    | 149 | 38          | -89  | 0.3        | 19.2      | -15.3       | -3.8      | 14.8      | 0           | 46     | 1.91    | 2.46 | 0.46     | 0.53    |
| DF250020  |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 9             | 62       | 43             | 35           | 57       | 34       | 42       | 11          | 9                     | 6   | 6           | 10   | 10         | 22        | 12          | 31        | 9         | 9           | 6      | 7       | 6    | 6        |         |
| DF 250023 |              | DF 180036         |                     |                   | 95           | 92            | 90         | 114      | 74          | 81        |              |             | 85        | 81            | 103      | 87             | 86           | 92       | 90       | 91       | 91          | 87                    | 78  | 85          | 92   | 93         | 86        | 92          | 101       | 65        | 104         | 90     | 84      | 102  | 95       | 85      |
| Black     |              |                   |                     |                   | 49           | 57            | 36         | 36       | 22          | 38        |              |             | 7         | 42            | 1.32     | 0.1            | 44           | 29       | 4        | 12       | 109         | 52                    | 133 | 34          | -87  | 0.4        | 14.2      | -0.5        | -2.4      | 13.2      | 0           | 41     | 1.24    | 2.02 | 0.28     | 0.40    |
| DF250023  |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 8             | 62       | 43             | 36           | 57       | 36       | 43       | 13          | 11                    | 8   | 9           | 12   | 12         | 22        | 12          | 33        | 12        | 10          | 7      | 7       | 7    | 7        |         |
| DF 250031 |              | DF 200023         |                     |                   | 132          | 75            | 77         | 121      | 74          | 74        |              |             | 81        | 74            | 133      | 120            | 81           | 75       | 77       | 76       | 68          | 65                    | 77  | 92          | 90   | 88         | 90        | 100         | 90        | 67        | 99          | 86     | 84      | 100  | 95       | 85      |
| Black     |              |                   |                     |                   | 49           | 57            | 35         | 36       | 23          | 38        |              |             | 8         | 32            | -1.51    | -3.8           | 38           | 21       | 0        | 7        | 46          | 31                    | 132 | 55          | -83  | 0.2        | 16.2      | -4.3        | -0.9      | 14.6      | 0           | 38     | 1.30    | 1.76 | 0.30     | 0.40    |
| DF250031  |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 9             | 62       | 43             | 36           | 57       | 35       | 43       | 15          | 11                    | 9   | 8           | 10   | 11         | 24        | 14          | 32        | 11        | 10          | 8      | 9       | 8    | 8        |         |
| DF 250036 |              | DF 170013         |                     |                   | 108          | 94            | 88         | 105      | 85          | 89        |              |             | 95        | 89            | 114      | 103            | 95           | 94       | 88       | 90       | 88          | 87                    | 85  | 87          | 99   | 86         | 96        | 108         | 107       | 67        | 111         | 99     | 94      | 104  | 97       | 95      |
| Black     |              |                   |                     |                   | 51           | 59            | 39         | 36       | 22          | 39        |              |             | 8         | 51            | 0.32     | -1.8           | 55           | 31       | 3        | 12       | 101         | 53                    | 162 | 40          | -98  | 0.1        | 18.9      | -7.9        | -3.2      | 14.6      | 1           | 48     | 2.24    | 2.28 | 0.46     | 0.59    |
| DF250036  |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 12            | 63       | 45             | 36           | 59       | 39       | 45       | 12          | 9                     | 6   | 5           | 9    | 9          | 21        | 13          | 33        | 9         | 8           | 7      | 8       | 7    | 8        |         |
| DF 250037 |              | DF 180010         |                     |                   | 117          | 79            | 79         | 128      | 74          | 74        |              |             | 82        | 68            | 112      | 106            | 75           | 79       | 79       | 79       | 75          | 70                    | 77  | 92          | 92   | 93         | 88        | 106         | 89        | 64        | 100         | 85     | 82      | 102  | 97       | 83      |
| Black     |              |                   |                     |                   | 51           | 59            | 38         | 37       | 24          | 39        |              |             | 10        | 24            | 0.51     | -2.1           | 29           | 23       | 0        | 8        | 63          | 37                    | 128 | 56          | -85  | 0.4        | 15.1      | -7.1        | -0.7      | 12.6      | 0           | 37     | 1.10    | 2.07 | 0.48     | 0.37    |
| DF250037  |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 8             | 63       | 45             | 37           | 59       | 38       | 45       | 14          | 13                    | 9   | 11          | 13   | 14         | 23        | 14          | 34        | 14        | 12          | 10     | 11      | 10   | 10       |         |
| DF 250038 |              | DF 190044         |                     |                   | 121          | 78            | 87         | 120      | 67          | 74        |              |             | 85        | 75            | 124      | 108            | 81           | 78       | 87       | 84       | 79          | 69                    | 77  | 91          | 89   | 90         | 82        | 88          | 89        | 65        | 103         | 92     | 84      | 102  | 96       | 85      |
| Black     |              |                   |                     |                   | 49           | 58            | 37         | 36       | 24          | 38        |              |             | 8         | 33            | -0.65    | -2.4           | 38           | 22       | 3        | 9        | 76          | 36                    | 130 | 52          | -80  | 0.3        | 12.6      | 1.2         | -0.7      | 13.1      | 0           | 43     | 1.22    | 2.08 | 0.36     | 0.40    |
| DF250038  |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 11            | 62       | 44             | 36           | 58       | 37       | 44       | 17          | 14                    | 11  | 9           | 14   | 15         | 24        | 14          | 33        | 14        | 13          | 8      | 9       | 8    | 8        |         |
| DF 250039 |              | KCM 220090        |                     |                   | 88           | 110           | 116        | 93       | 98          | 111       |              |             | 103       | 106           | 90       | 94             | 106          | 110      | 116      | 114      | 117         | 111                   | 102 | 96          | 101  | 97         | 97        | 91          | 102       | 101       | 105         | 108    | 100     | 100  | 101      | 101     |
| Black     |              | DF 210024         |                     |                   | 54           | 62            | 41         | 42       | 24          | 42        |              |             | 6         | 74            | 2.62     | -0.8           | 69           | 39       | 12       | 21       | 181         | 75                    | 226 | 66          | -101 | 0.5        | 19.3      | -0.1        | -2.5      | 33.3      | 0           | 55     | 2.84    | 1.87 | 0.81     | 0.70    |
| DF250039  |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 9             | 68       | 49             | 42           | 62       | 41       | 48       | 15          | 12                    | 9   | 10          | 14   | 13         | 21        | 13          | 39        | 13        | 11          | 6      | 6       | 6    | 6        |         |
| DF 250040 |              | DF 200015         |                     |                   | 119          | 91            | 87         | 101      | 72          | 83        |              |             | 93        | 91            | 119      | 116            | 99           | 91       | 87       | 88       | 83          | 82                    | 89  | 91          | 102  | 89         | 98        | 98          | 87        | 67        | 112         | 100    | 94      | 100  | 97       | 94      |
| Black     |              |                   |                     |                   | 49           | 58            | 35         | 36       | 24          | 38        |              |             | 10        | 55            | -0.16    | -3.3           | 61           | 29       | 2        | 11       | 87          | 47                    | 176 | 50          | -103 | 0.2        | 19.5      | -3.1        | -0.5      | 14.3      | 1           | 49     | 2.21    | 1.80 | 0.48     | 0.58    |
| DF250040  |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 11            | 62       | 44             | 36           | 58       | 35       | 43       | 18          | 13                    | 12  | 10          | 13   | 14         | 25        | 15          | 33        | 13        | 12          | 10     | 11      | 10   | 10       |         |
| DF 250041 |              | DF 200037         |                     |                   | 99           | 93            | 90         | 111      | 81          | 85        |              |             | 84        | 84            | 101      | 94             | 89           | 93       | 90       | 91       | 91          | 87                    | 77  | 90          | 90   | 89         | 93        | 109         | 103       | 63        | 100         | 89     | 86      | 106  | 97       | 87      |
| Black     |              |                   |                     |                   | 49           | 57            | 32         | 34       | 22          | 37        |              |             | 6         | 45            | 1.58     | -0.7           | 48           | 30       | 4        | 12       | 109         | 53                    | 131 | 50          | -83  | 0.2        | 17.3      | -8.6        | -2.7      | 12.1      | 0           | 40     | 1.43    | 2.53 | 0.45     | 0.44    |
| DF250041  |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 8             | 62       | 42             | 34           | 57       | 32       | 41       | 10          | 9                     | 6   | 6           | 10   | 10         | 23        | 12          | 32        | 10        | 9           | 6      | 6       | 6    | 6        |         |
| DF 250042 |              | DF 150009         |                     |                   | 96           | 78            | 95         | 119      | 69          | 69        |              |             | 80        | 73            | 109      | 82             | 81           | 78       | 95       | 89       | 86          | 76                    | 76  | 82          | 89   | 86         | 88        | 96          | 79        | 69        | 100         | 87     | 79      | 99   | 94       | 80      |
| Black     |              |                   |                     |                   | 53           | 58            | 40         | 37       | 26          | 40        |              |             | 8         | 30            | 0.82     | 0.7            | 38           | 23       | 5        | 11       | 94          | 42                    | 125 | 24          | -80  | 0.1        | 15.2      | -2.3        | 0.7       | 15.5      | 0           | 39     | 0.76    | 1.68 | 0.21     | 0.30    |
| DF250042  |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 8             | 64       | 46             | 37           | 58       | 40       | 45       | 18          | 10                    | 9   | 7           | 11   | 11         | 26        | 16          | 36        | 10        | 9           | 8      | 8       | 7    | 8        |         |

# 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                   | % Inbreeding | Genomic 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 | Growth Value | Prod. Value | Carcass V | Cow wt -brth | Birth wt | Cow-Calf birth | Cow wt -wean | Wean dir | Wean mat | Comb mat | Cow-Calf wn | 12m wt | ADG                   | Veld growth | FCR  | Skin Thickn | Scrotum | Heifer Fert | Cow Fert. | Longevity | Frame score | Length | EMA  | Fat     | Marbling | Dress % |  |
|                      |              |                   |                     |                   |              |               |            |          |             |           |              |             |           |              |          |                |              |          |          |          |             |        |                       |             |      |             |         |             |           |           |             |        |      |         |          |         |  |
| DF 250046            |              | RAT 202007        |                     |                   | 97           | 105           | 108        | 106      | 90          | 106       | 92           | 103         | 96        | 95           | 83       | 98             | 93           | 105      | 108      | 107      | 113         | 100    | 94                    | 91          | 96   | 100         | 104     | 86          | 102       | 92        | 98          | 101    | 96   | 97      | 92       | 95      |  |
| Black                | 1            | DF 190035         |                     |                   | 59           | 66            | 46         | 45       | 31          | 46        | 20           | 41          | 22        | 59           | 3.24     | -1.3           | 52           | 36       | 9        | 18       | 171         | 65     | 193                   | 51          | -93  | 0.6         | 22.4    | 2.3         | -2.5      | 28.3      | 0           | 50     | 2.37 | 1.51    | 0.06     | 0.60    |  |
| CHARMANINE 2ND DF250 |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 24           | 70       | 53             | 45           | 66       | 46       |          | 52          | 30     | 26                    | 27          | 15   | 27          | 28      | 30          | 20        | 43        | 27          | 25     | 22   | 23      | 22       | 22      |  |
| DF 250049            |              | DF 200027         |                     |                   | 115          | 76            | 88         | 132      | 70          | 74        |              |             | 79        | 63           | 117      | 98             | 70           | 76       | 88       | 84       | 81          | 69     | 75                    | 90          | 87   | 89          | 86      | 95          | 90        | 63        | 99          | 86     | 81   | 98      | 93       | 81      |  |
| Black                |              |                   |                     |                   | 49           | 57            | 35         | 35       | 23          | 37        |              |             | 8         | 17           | 0.04     | -1.2           | 24           | 22       | 3        | 9        | 82          | 35     | 122                   | 49          | -78  | 0.2         | 14.4    | -2.0        | -0.9      | 12.2      | 0           | 38     | 0.92 | 1.57    | 0.11     | 0.33    |  |
| DF250049             |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 9            | 62       | 43             | 35           | 57       | 35       |          | 42          | 15     | 11                    | 9           | 7    | 11          | 11      | 24          | 14        | 32        | 10          | 10     | 7    | 8       | 7        | 8       |  |
| DF 250052            |              | KCM 220090        |                     |                   | 102          | 106           | 96         | 92       | 97          | 102       |              |             | 96        | 108          | 102      | 106            | 109          | 106      | 96       | 99       | 98          | 107    | 100                   | 111         | 100  | 96          | 96      | 92          | 107       | 96        | 103         | 101    | 96   | 100     | 100      | 96      |  |
| Black                |              | DF 220003         |                     |                   | 52           | 63            | 37         | 40       | 24          | 41        |              |             | 8         | 77           | 1.44     | -2.2           | 73           | 36       | 5        | 16       | 129         | 72     | 217                   | 109         | -100 | 0.5         | 18.7    | -0.8        | -3.1      | 30.3      | 0           | 50     | 2.38 | 1.88    | 0.70     | 0.61    |  |
| DF250052             |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 8            | 68       | 47             | 40           | 63       | 37       |          | 47          | 12     | 10                    | 8           | 7    | 9           | 11      | 22          | 12        | 38        | 10          | 9      | 7    | 8       | 7        | 8       |  |
| DF 250057            |              | WO 210031         |                     |                   | 95           | 86            | 91         | 108      | 75          | 74        |              |             | 89        | 85           | 106      | 89             | 93           | 86       | 91       | 89       | 85          | 85     | 86                    | 94          | 98   | 94          | 95      | 94          | 98        | 66        | 101         | 92     | 96   | 100     | 97       | 96      |  |
| Black                |              |                   |                     |                   | 49           | 60            | 30         | 34       | 18          | 36        |              |             | 12        | 47           | 1.04     | -0.1           | 52           | 26       | 4        | 11       | 91          | 51     | 164                   | 59          | -96  | 0.4         | 18.2    | -1.5        | -2.0      | 13.9      | 0           | 42     | 2.44 | 1.82    | 0.47     | 0.62    |  |
| DF250057             |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 12           | 64       | 43             | 34           | 60       | 30       |          | 41          | 22     | 13                    | 8           | 6    | 10          | 14      | 13          | 10        | 30        | 13          | 12     | 12   | 13      | 12       | 12      |  |
| DF 250060            |              | KCM 220090        |                     |                   | 91           | 99            | 110        | 98       | 116         | 104       |              |             | 90        | 99           | 94       | 93             | 101          | 99       | 110      | 106      | 106         | 99     | 91                    | 98          | 93   | 97          | 93      | 114         | 116       | 104       | 97          | 95     | 88   | 99      | 98       | 89      |  |
| Black                |              | DF 210067         |                     |                   | 54           | 64            | 41         | 42       | 26          | 43        |              |             | 6         | 65           | 2.23     | -0.6           | 63           | 33       | 10       | 17       | 151         | 64     | 183                   | 73          | -88  | 0.5         | 17.4    | -10.9       | -4.4      | 34.8      | 0           | 45     | 1.66 | 1.67    | 0.50     | 0.47    |  |
| DF250060             |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 10           | 68       | 49             | 42           | 64       | 41       |          | 49          | 14     | 10                    | 8           | 6    | 11          | 10      | 25          | 14        | 39        | 10          | 9      | 6    | 7       | 6        | 6       |  |
| DF 250061            |              | RK 210019         |                     |                   | 100          | 97            | 98         | 107      | 81          | 92        |              |             | 94        | 88           | 106      | 96             | 93           | 97       | 98       | 98       | 99          | 94     | 86                    | 90          | 97   | 98          | 104     | 105         | 101       | 66        | 107         | 97     | 96   | 102     | 89       | 96      |  |
| Red                  |              |                   |                     |                   | 32           | 60            | 30         | 32       | 20          | 34        |              |             | 18        | 51           | 1.11     | -0.9           | 53           | 32       | 6        | 15       | 130         | 59     | 164                   | 50          | -95  | 0.5         | 22.4    | -6.4        | -2.4      | 13.9      | 1           | 47     | 2.39 | 2.08    | -0.23    | 0.62    |  |
| DF 250061            |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 17           | 36       | 31             | 32           | 60       | 30       |          | 41          | 22     | 19                    | 11          | 11   | 23          | 22      | 19          | 12        | 30        | 21          | 19     | 17   | 20      | 18       | 18      |  |
| DF 250071            |              | DF 230064         |                     |                   | 103          | 96            | 99         | 98       | 81          | 91        |              |             | 94        | 96           | 111      | 101            | 102          | 96       | 99       | 98       | 96          | 90     | 85                    | 86          | 98   | 87          | 93      | 106         | 94        | 71        | 107         | 98     | 90   | 109     | 98       | 92      |  |
| Black                |              |                   |                     |                   | 46           | 56            | 30         | 23       | 19          | 34        |              |             | 6         | 61           | 0.64     | -1.6           | 63           | 32       | 6        | 15       | 121         | 56     | 162                   | 37          | -97  | 0.1         | 17.5    | -7.1        | -1.5      | 16.7      | 1           | 48     | 1.82 | 2.87    | 0.54     | 0.53    |  |
| DF250071             |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 7            | 61       | 37             | 23           | 56       | 30       |          | 36          | 14     | 9                     | 8           | 6    | 9           | 9       | 21          | 9         | 27        | 9           | 8      | 6    | 6       | 6        | 6       |  |
| DF 250074            |              | KCM 220090        |                     |                   | 97           | 111           | 101        | 89       | 108         | 111       |              |             | 106       | 112          | 101      | 102            | 111          | 111      | 101      | 104      | 105         | 111    | 103                   | 109         | 105  | 92          | 99      | 104         | 107       | 104       | 107         | 109    | 101  | 105     | 106      | 102     |  |
| Black                | 1            | DF 210076         |                     |                   | 54           | 64            | 41         | 42       | 26          | 43        |              |             | 10        | 82           | 1.58     | -1.7           | 76           | 39       | 7        | 18       | 147         | 76     | 227                   | 104         | -108 | 0.3         | 20.0    | -6.3        | -3.2      | 34.9      | 1           | 56     | 2.93 | 2.46    | 1.20     | 0.73    |  |
| CARL DF250074        |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 11           | 68       | 48             | 42           | 64       | 41       |          | 49          | 16     | 12                    | 8           | 10   | 12          | 13      | 25          | 14        | 39        | 12          | 11     | 9    | 10      | 9        | 10      |  |
| DF 250076            |              | DF 230029         |                     |                   | 82           | 104           | 101        | 113      | 78          | 96        |              |             | 92        | 82           | 90       | 76             | 87           | 104      | 101      | 102      | 110         | 102    | 85                    | 80          | 96   | 85          | 97      | 102         | 87        | 74        | 102         | 93     | 91   | 106     | 100      | 92      |  |
| Red                  |              |                   |                     |                   | 45           | 32            | 21         | 19       | 19          | 25        |              |             | 6         | 42           | 2.55     | 1.4            | 45           | 36       | 7        | 17       | 163         | 67     | 159                   | 19          | -93  | 0.1         | 19.1    | -5.4        | -0.4      | 18.1      | 0           | 44     | 1.94 | 2.60    | 0.74     | 0.54    |  |
| DF250076             |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 6            | 61       | 35             | 19           | 32       | 21       |          | 24          | 14     | 11                    | 6           | 6    | 14          | 13      | 21          | 8         | 27        | 13          | 11     | 5    | 6       | 5        | 6       |  |
| DF 250078            |              | DF 230033         |                     |                   | 78           | 128           | 112        | 109      | 74          | 122       |              |             | 98        | 85           | 52       | 55             | 89           | 128      | 112      | 117      | 137         | 125    | 86                    | 88          | 97   | 89          | 91      | 98          | 92        | 67        | 103         | 96     | 94   | 111     | 104      | 95      |  |
| Red                  |              |                   |                     |                   | 46           | 33            | 24         | 23       | 20          | 27        |              |             | 13        | 46           | 6.16     | 3.8            | 48           | 48       | 10       | 23       | 237         | 89     | 162                   | 43          | -94  | 0.2         | 16.7    | -3.5        | -1.2      | 14.2      | 0           | 46     | 2.17 | 3.12    | 1.08     | 0.60    |  |
| DF250078             |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 14           | 61       | 37             | 23           | 33       | 24       |          | 27          | 17     | 15                    | 8           | 9    | 16          | 15      | 22          | 10        | 28        | 15          | 14     | 12   | 14      | 12       | 13      |  |
| DF 260001            |              | RAT 202007        |                     |                   | 131          | 88            | 96         | 107      | 101         | 99        | 91           | 96          | 97        | 94           | 116      | 129            | 93           | 88       | 96       | 93       | 91          | 79     | 91                    | 88          | 93   | 99          | 96      | 99          | 106       | 98        | 99          | 100    | 95   | 98      | 94       | 95      |  |
| Red                  | 1            | DF 200089         |                     |                   | 57           | 52            | 42         | 44       | 30          | 41        | 20           | 37          | 22        | 58           | 0.10     | -4.8           | 52           | 28       | 5        | 13       | 108         | 45     | 185                   | 43          | -88  | 0.6         | 18.9    | -3.9        | -3.1      | 31.6      | 0           | 49     | 2.35 | 1.52    | 0.21     | 0.60    |  |
| DF260001             |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 23           | 69       | 52             | 44           | 52       | 42       |          | 46          | 28     | 25                    | 26          | 16   | 26          | 26      | 31          | 20        | 40        | 26          | 24     | 22   | 23      | 22       | 22      |  |
| DF 260002            |              | RAT 202007        |                     |                   | 98           | 112           | 95         | 101      | 82          | 105       | 92           | 102         | 98        | 99           | 87       | 103            | 99           | 112      | 95       | 101      | 106         | 104    | 94                    | 94          | 99   | 94          | 101     | 83          | 92        | 88        | 106         | 106    | 96   | 98      | 94       | 96      |  |
| Black                | 1            | DF 190046         |                     |                   | 58           | 52            | 43         | 44       | 31          | 41        | 22           | 37          | 23        | 65           | 2.85     | -1.8           | 60           | 40       | 5        | 17       | 152         | 69     | 193                   | 59          | -99  | 0.4         | 20.9    | 3.6         | -1.1      | 26.2      | 0           | 53     | 2.44 | 1.56    | 0.24     | 0.62    |  |
| MISS AUTUM           |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 23           | 69       | 52             | 44           | 52       | 43       |          | 46          | 30     | 25                    | 26          | 17   | 27          | 27      | 31          | 20        | 41        | 27          | 24     | 22   | 24      | 22       | 23      |  |

# 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        | % 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 | Growth Value | Prod. Value | Carcass V | Cow wt -brth | Birth wt | Cow-Calf birth | Cow wt -wean | Wean dir | Wean mat | Comb mat | Cow-Calf wn           | 12m wt | ADG | Veld growth | FCR  | Skin Thickn | Scrotum | Heifer Fert | Cow Fert. | Longevity | Frame score | Length  | EMA  | Fat  | Marbling | Dress % |
|           |              |                   |                     |                  |        |              |               |            |          |             |           |              |             |           |              |          |                |              |          |          |          |                       |        |     |             |      |             |         |             |           |           |             |         |      |      |          |         |
| DF 260011 |              | 916 SAT           |                     | DF 230065        |        | 125          | 75            | 97         | 100      | 96          | 80        |              |             | 105       | 101          | 130      | 118            | 100          | 75       | 97       | 90       | 79                    | 78     | 106 | 102         | 106  | 87          | 106     | 92          | 87        | 108       | 99          | 103     | 102  | 116  | 105      | 104     |
| Black     | 1            |                   |                     |                  |        | 50           | 39            | 27         | 24       | 22          | 30        |              |             | 10        | 67           | -1.22    | -3.6           | 61           | 21       | 6        | 11       | 75                    | 44     | 241 | 83          | -110 | 0.2         | 23.1    | -0.3        | -0.5      | 37.2      | 0           | 51      | 2.99 | 3.78 | 1.13     | 0.76    |
| DF260011  |              |                   |                     |                  |        |              |               |            |          |             |           |              |             |           | 11           | 66       | 40             | 24           | 39       | 27       |          | 30                    | 18     | 14  | 12          | 9    | 15          | 15      | 21          | 11        | 35        | 14          | 13      | 9    | 10   | 9        | 10      |
| DF 260013 |              | 916 SAT           |                     | DF 220059        |        | 122          | 84            | 89         | 120      | 105         | 93        |              |             | 92        | 82           | 115      | 114            | 81           | 84       | 89       | 87       | 86                    | 81     | 95  | 99          | 96   | 89          | 97      | 103         | 94        | 110       | 92          | 91      | 86   | 102  | 97       | 87      |
| Black     |              |                   |                     |                  |        | 50           | 38            | 25         | 24       | 21          | 29        |              |             | 7         | 42           | 0.18     | -3.1           | 38           | 26       | 3        | 11       | 94                    | 47     | 197 | 74          | -93  | 0.2         | 19.2    | -5.7        | -1.4      | 38.4      | -1          | 42      | 1.46 | 2.05 | 0.48     | 0.44    |
| DF260013  |              |                   |                     |                  |        |              |               |            |          |             |           |              |             |           | 8            | 65       | 40             | 24           | 38       | 25       |          | 29                    | 13     | 9   | 6           | 6    | 9           | 9       | 20          | 10        | 34        | 9           | 8       | 7    | 7    | 7        | 7       |
| DF 260016 |              | 916 SAT           |                     | DF 230027        |        | 93           | 106           | 101        | 106      | 102         | 107       |              |             | 107       | 96           | 98       | 91             | 94           | 106      | 101      | 103      | 109                   | 109    | 107 | 88          | 105  | 84          | 107     | 94          | 87        | 116       | 97          | 102     | 103  | 112  | 107      | 105     |
| Black     |              |                   |                     |                  |        | 48           | 37            | 20         | 19       | 21          | 27        |              |             | 8         | 61           | 1.84     | -0.4           | 54           | 37       | 7        | 17       | 158                   | 74     | 245 | 42          | -109 | 0.1         | 23.7    | -1.3        | -0.5      | 41.4      | 0           | 50      | 3.11 | 3.23 | 1.33     | 0.78    |
| DF260016  |              |                   |                     |                  |        |              |               |            |          |             |           |              |             |           | 8            | 65       | 36             | 19           | 37       | 20       |          | 25                    | 15     | 12  | 6           | 7    | 15          | 14      | 21          | 8         | 33        | 13          | 12      | 7    | 8    | 7        | 8       |
| DF 260017 |              | 916 SAT           |                     | DF 180011        |        | 93           | 88            | 106        | 117      | 82          | 86        |              |             | 76        | 75           | 97       | 84             | 82           | 88       | 106      | 100      | 103                   | 81     | 69  | 82          | 82   | 90          | 87      | 108         | 112       | 59        | 95          | 82      | 76   | 100  | 92       | 77      |
| Red       |              |                   |                     |                  |        | 50           | 36            | 36         | 35       | 21          | 32        |              |             | 4         | 33           | 1.97     | 0.4            | 39           | 27       | 8        | 15       | 141                   | 47     | 99  | 25          | -68  | 0.2         | 14.5    | -7.8        | -3.9      | 9.9       | 0           | 35      | 0.51 | 1.83 | -0.01    | 0.26    |
| DF260017  |              |                   |                     |                  |        |              |               |            |          |             |           |              |             |           | 7            | 62       | 44             | 35           | 36       | 36       |          | 36                    | 12     | 8   | 7           | 5    | 9           | 8       | 21          | 13        | 29        | 8           | 7       | 4    | 4    | 4        | 4       |
| DF 260019 |              | 916 SAT           |                     | DF 200058        |        | 104          | 83            | 88         | 115      | 59          | 70        |              |             | 87        | 79           | 116      | 92             | 86           | 83       | 88       | 86       | 82                    | 79     | 80  | 91          | 92   | 90          | 90      | 86          | 74        | 64        | 105         | 94      | 86   | 98   | 94       | 86      |
| Red       |              |                   |                     |                  |        | 49           | 36            | 33         | 35       | 22          | 31        |              |             | 8         | 39           | 0.15     | -0.6           | 44           | 25       | 3        | 10       | 84                    | 45     | 140 | 52          | -86  | 0.3         | 15.9    | 2.4         | 1.2       | 12.9      | 0           | 44      | 1.42 | 1.60 | 0.17     | 0.43    |
| DF260019  |              |                   |                     |                  |        |              |               |            |          |             |           |              |             |           | 8            | 62       | 43             | 35           | 36       | 33       |          | 35                    | 15     | 11  | 9           | 7    | 10          | 11      | 24          | 14        | 29        | 10          | 10      | 7    | 8    | 7        | 8       |
| DF 260020 |              | 916 SAT           |                     | DF 230026        |        | 102          | 97            | 93         | 108      | 103         | 97        |              |             | 110       | 94           | 105      | 98             | 93           | 97       | 93       | 94       | 95                    | 99     | 106 | 99          | 105  | 92          | 100     | 93          | 92        | 115       | 96          | 100     | 103  | 117  | 112      | 105     |
| Black     |              |                   |                     |                  |        | 50           | 39            | 26         | 24       | 23          | 30        |              |             | 14        | 59           | 1.17     | -1.2           | 52           | 32       | 4        | 14       | 119                   | 64     | 241 | 74          | -108 | 0.3         | 20.4    | -1.0        | -1.2      | 40.7      | 0           | 49      | 3.04 | 3.88 | 1.69     | 0.78    |
| DF260020  |              |                   |                     |                  |        |              |               |            |          |             |           |              |             |           | 15           | 66       | 39             | 24           | 39       | 26       |          | 30                    | 18     | 15  | 8           | 10   | 17          | 16      | 23          | 11        | 35        | 16          | 15      | 14   | 15   | 14       | 14      |
| DF 260021 |              | 916 SAT           |                     | DF 230043        |        | 76           | 127           | 101        | 110      | 68          | 113       |              |             | 92        | 83           | 60       | 56             | 89           | 127      | 101      | 110      | 127                   | 122    | 83  | 83          | 95   | 88          | 94      | 92          | 86        | 66        | 105         | 95      | 92   | 102  | 97       | 92      |
| Red       |              |                   |                     |                  |        | 45           | 31            | 21         | 17       | 17          | 24        |              |             | 4         | 44           | 5.38     | 3.6            | 48           | 47       | 7        | 20       | 210                   | 86     | 152 | 28          | -91  | 0.2         | 17.8    | -0.7        | -0.4      | 13.6      | 0           | 45      | 2.00 | 2.07 | 0.41     | 0.54    |
| DF260021  |              |                   |                     |                  |        |              |               |            |          |             |           |              |             |           | 5            | 61       | 34             | 17           | 31       | 21       |          | 23                    | 8      | 6   | 4           | 5    | 6           | 7       | 20          | 7         | 23        | 6           | 6       | 4    | 5    | 4        | 4       |
| DF 260024 |              | 916 SAT           |                     | DF 230054        |        | 99           | 83            | 95         | 117      | 67          | 75        |              |             | 89        | 78           | 105      | 89             | 83           | 83       | 95       | 91       | 90                    | 83     | 81  | 86          | 95   | 83          | 93      | 96          | 87        | 61        | 103         | 91      | 87   | 106  | 101      | 89      |
| Black     |              |                   |                     |                  |        | 46           | 34            | 25         | 23       | 19          | 27        |              |             | 10        | 37           | 1.17     | -0.1           | 40           | 25       | 5        | 12       | 105                   | 48     | 145 | 37          | -91  | 0.0         | 17.4    | -2.3        | -0.5      | 10.8      | 0           | 42      | 1.58 | 2.51 | 0.80     | 0.47    |
| DF260024  |              |                   |                     |                  |        |              |               |            |          |             |           |              |             |           | 9            | 61       | 37             | 23           | 34       | 25       |          | 27                    | 17     | 12  | 10          | 10   | 13          | 12      | 21          | 10        | 25        | 12          | 11      | 10   | 10   | 10       | 10      |
| DF 260026 |              | RAT 202007        |                     | DF 160032        |        | 118          | 85            | 109        | 116      | 98          | 98        | 82           | 93          | 87        | 83           | 110      | 111            | 83           | 85       | 109      | 101      | 103                   | 79     | 83  | 86          | 88   | 99          | 85      | 108         | 101       | 91        | 94          | 89      | 82   | 97   | 92       | 82      |
| Black     |              |                   |                     |                  |        | 59           | 48            | 43         | 44       | 29          | 40        | 20           | 36          | 23        | 44           | 0.69     | -2.8           | 40           | 26       | 10       | 15       | 141                   | 45     | 152 | 36          | -79  | 0.6         | 13.8    | -8.1        | -2.4      | 27.4      | 0           | 40      | 1.05 | 1.46 | 0.06     | 0.35    |
| DF260026  |              |                   |                     |                  |        |              |               |            |          |             |           |              |             |           | 23           | 70       | 53             | 44           | 48       | 43       |          | 45                    | 29     | 24  | 25          | 15   | 26          | 26      | 27          | 18        | 42        | 26          | 23      | 22   | 24   | 22       | 23      |

# Selection List on Cow Value

## Bulls 2 years and older

| ID<br><div>Sorted on ID</div> | Name       | Sire ID        | Dam ID     | % Inbreeding | Horned /<br>Polled | Myostatin<br>n1821<br>F94L | 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> | Growth<br>Value<br><div>Acc</div> | Prod<br>Value<br><div>Acc</div> |     |    |     |    |     |    |     |    |     |    |  |
|-------------------------------|------------|----------------|------------|--------------|--------------------|----------------------------|--------------|--------------------------------------------|-------------------------------------------|---------------------------------|-----------------------------------|--------------------------------------|--------------------------------|-----------------------------------|---------------------------------|-----|----|-----|----|-----|----|-----|----|-----|----|--|
|                               |            |                |            |              |                    |                            |              | ★★★★★                                      |                                           |                                 |                                   |                                      |                                |                                   |                                 |     |    |     |    |     |    |     |    |     |    |  |
| 1                             | RAT 232302 | RAT 232302     | RAT 190905 | RAT 202016   | 7.3                |                            |              | 108                                        | 55                                        | 109                             | 43                                | 95                                   | 39                             | 115                               | 42                              | 102 | 27 | 115 | 37 | 108 | 22 | 114 | 34 | 108 | 27 |  |
| 2                             | RAT 242401 | RAT 242401     | KDL 190162 | WB 110367    | 0.4                |                            |              | 98                                         | 64                                        | 114                             | 60                                | 113                                  | 52                             | 90                                | 49                              | 105 | 38 | 118 | 48 | 106 | 26 | 116 | 44 | 109 | 34 |  |
|                               |            |                |            |              |                    |                            |              | ★★★★★                                      |                                           |                                 |                                   |                                      |                                |                                   |                                 |     |    |     |    |     |    |     |    |     |    |  |
| 1                             | DF 230024  | DF230024       | SCJ 200161 | DF 160024    | 1.8                |                            |              | 98                                         | 62                                        | 107                             | 68                                | 100                                  | 50                             | 106                               | 47                              | 94  | 35 | 107 | 49 | 94  | 22 | 104 | 44 | 105 | 26 |  |
| 2                             | DF 240005  | Futara 2nd     | KCM 210052 | DF 190051    | 0.8                |                            |              | 95                                         | 57                                        | 105                             | 66                                | 101                                  | 44                             | 95                                | 41                              | 99  | 30 | 102 | 45 |     |    |     |    | 95  | 17 |  |
| 3                             | DF 240008  | DF240008       | KCM 210052 | DF 210042    | 0.1                |                            |              | 110                                        | 54                                        | 99                              | 65                                | 98                                   | 40                             | 102                               | 40                              | 112 | 26 | 106 | 42 |     |    |     |    | 94  | 18 |  |
| 4                             | DF 240013  | DF240013       | KCM 210052 | DF 130009    | 0.7                |                            |              | 112                                        | 60                                        | 90                              | 68                                | 120                                  | 49                             | 105                               | 44                              | 102 | 30 | 104 | 47 | 95  | 22 | 102 | 42 | 93  | 17 |  |
| 5                             | DF 240015  | DF240015       | KCM 210052 | DF 210076    | 0.0                |                            |              | 106                                        | 56                                        | 92                              | 66                                | 109                                  | 42                             | 107                               | 41                              | 113 | 27 | 104 | 44 |     |    |     |    | 93  | 18 |  |
| 6                             | DF 240027  | DF240027       | KCM 210052 | DF 210067    | 0.7                |                            |              | 112                                        | 56                                        | 96                              | 66                                | 104                                  | 43                             | 95                                | 41                              | 118 | 27 | 106 | 44 |     |    |     |    | 89  | 17 |  |
| 7                             | DF 240043  | DF240043       | DF 210039  | E 140378     | 1.9                |                            |              | 112                                        | 60                                        | 102                             | 69                                | 100                                  | 48                             | 92                                | 43                              | 97  | 31 | 103 | 47 | 91  | 20 | 100 | 42 | 97  | 18 |  |
| 8                             | DF 240083  | DF240083       | KCM 210052 | DF 200086    | 1.1                |                            |              | 118                                        | 56                                        | 101                             | 66                                | 95                                   | 42                             | 106                               | 42                              | 92  | 30 | 104 | 44 |     |    |     |    | 92  | 19 |  |
| 9                             | KCM 230033 | MOONSHADOW 333 | KCM 210005 | KCM 200090   | 4.4                | PcPc                       | 0 0          | 101                                        | 83                                        | 102                             | 85                                | 118                                  | 81                             | 90                                | 81                              | 105 | 79 | 109 | 74 | 99  | 78 | 107 | 75 | 104 | 78 |  |
|                               |            |                |            |              |                    |                            |              | ★★★★                                       |                                           |                                 |                                   |                                      |                                |                                   |                                 |     |    |     |    |     |    |     |    |     |    |  |
| 1                             | DF 230041  | DF230041       | CP 168288  | DF 200012    | 0.5                |                            |              | 121                                        | 63                                        | 87                              | 69                                | 99                                   | 55                             | 112                               | 54                              | 94  | 38 | 95  | 51 |     |    |     |    | 92  | 20 |  |
| 2                             | DF 230051  | DF230051       | DF 200032  | DF 160008    | 6.4                |                            |              | 109                                        | 57                                        | 88                              | 66                                | 101                                  | 46                             | 125                               | 43                              | 88  | 29 | 94  | 45 |     |    |     |    | 94  | 8  |  |
| 3                             | DF 230069  | DF230069       | E 200039   | DF 190035    | 0.0                |                            |              | 94                                         | 59                                        | 109                             | 66                                | 102                                  | 47                             | 87                                | 45                              | 80  | 31 | 99  | 46 |     |    |     |    | 108 | 12 |  |
| 4                             | DF 240002  | DF240002       |            | DF 200007    | 0.0                |                            |              | 83                                         | 48                                        | 108                             | 35                                | 98                                   | 28                             | 112                               | 28                              | 67  | 23 | 95  | 29 |     |    |     |    | 84  | 10 |  |
| 5                             | DF 240028  | DF240028       | DF 200078  | DF 200031    | 1.3                |                            |              | 133                                        | 56                                        | 87                              | 50                                | 83                                   | 43                             | 107                               | 45                              | 111 | 29 | 96  | 40 |     |    |     |    | 91  | 10 |  |
| 6                             | DF 240033  | DF240033       | KCM 210052 | DF 190033    | 0.4                |                            |              | 110                                        | 58                                        | 87                              | 67                                | 100                                  | 47                             | 116                               | 43                              | 98  | 30 | 93  | 46 |     |    |     |    | 85  | 17 |  |
| 7                             | DF 240034  | DF240034       | DF 210010  | PT 120311    | 0.3                |                            |              | 123                                        | 60                                        | 78                              | 67                                | 111                                  | 50                             | 110                               | 46                              | 123 | 32 | 99  | 47 |     |    |     |    | 82  | 12 |  |
| 8                             | DF 240051  | DF240051       | DF 210010  | DF 170075    | 0.2                |                            |              | 108                                        | 59                                        | 97                              | 64                                | 97                                   | 46                             | 107                               | 46                              | 95  | 30 | 99  | 45 |     |    |     |    | 95  | 12 |  |
| 9                             | DF 240053  | DF240053       | DF 210010  | DF 200015    | 0.6                |                            |              | 124                                        | 58                                        | 90                              | 65                                | 92                                   | 46                             | 95                                | 46                              | 101 | 32 | 94  | 46 |     |    |     |    | 98  | 16 |  |
| 10                            | DF 240055  | DF240055       | DF 210010  | DF 170005    | 1.8                |                            |              | 109                                        | 59                                        | 97                              | 66                                | 92                                   | 49                             | 107                               | 46                              | 101 | 32 | 98  | 47 |     |    |     |    | 97  | 14 |  |
| 11                            | DF 240057  | DF240057       | DF 210010  | DF 170013    | 0.7                |                            |              | 112                                        | 59                                        | 91                              | 66                                | 96                                   | 48                             | 103                               | 46                              | 116 | 31 | 98  | 46 |     |    |     |    | 95  | 14 |  |
| 12                            | DF 240081  | DF240081       | DF 210010  | DF 190035    | 0.2                |                            |              | 105                                        | 58                                        | 89                              | 66                                | 106                                  | 47                             | 102                               | 46                              | 98  | 31 | 92  | 46 |     |    |     |    | 93  | 13 |  |

Selection List on Cow Value

Bulls 2 years and older

| ID<br><div>Sorted on ID</div> |           | Name     | Sire ID    | Dam ID    | % Inbreeding | Horned / Polled | Myostatin<br>nt821<br>F94L | 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 | Growth Value<br>Acc | Prod Value<br>Acc |      |  |  |  |
|-------------------------------|-----------|----------|------------|-----------|--------------|-----------------|----------------------------|--------------|---------------------------|--------------------------|-------------------|---------------------|------------------------|------------------|---------------------|-------------------|------|--|--|--|
|                               |           |          |            |           |              |                 |                            |              | ★★★★★                     |                          |                   |                     |                        |                  |                     |                   |      |  |  |  |
| 1                             | DF 230035 | DF230035 | SCJ 200161 | DF 140015 | 1.9          |                 |                            |              | 12063                     | 7768                     | 10350             | 11847               | 10235                  | 8949             | 9123                | 8744              | 9526 |  |  |  |
| 2                             | DF 240020 | DF240020 | DF 210039  | DF 160043 | 7.2          |                 |                            |              | 12559                     | 7168                     | 9049              | 12744               | 12330                  | 8847             |                     |                   | 7210 |  |  |  |
| 3                             | DF 240039 | DF240039 | DF 210010  | DF 170029 | 0.5          |                 |                            |              | 10551                     | 8654                     | 9047              | 11146               | 10232                  | 8742             |                     |                   | 8812 |  |  |  |
| 4                             | DF 240047 | DF240047 | DF 210009  | DF 160007 | 1.3          |                 |                            |              | 11860                     | 7155                     | 10749             | 11347               | 11732                  | 8844             |                     |                   | 8014 |  |  |  |
|                               |           |          |            |           |              |                 |                            |              | ★★★★                      |                          |                   |                     |                        |                  |                     |                   |      |  |  |  |
| 1                             | DF 240009 | DF240009 | DF 210039  | DF 180037 | 0.8          |                 |                            |              | 11557                     | 7466                     | 8942              | 12034               | 9128                   | 7643             |                     |                   | 7910 |  |  |  |
| 2                             | DF 240066 | DF240066 | DF 210010  | DF 150046 | 0.7          |                 |                            |              | 12360                     | 6865                     | 9350              | 11846               | 10133                  | 7647             |                     |                   | 8916 |  |  |  |
| 3                             | DF 240077 | DF240077 | DF 210009  | DF 170008 | 1.8          |                 |                            |              | 11759                     | 7566                     | 7948              | 12845               | 10231                  | 7946             |                     |                   | 8216 |  |  |  |
| 4                             | WO 210072 | FOURBYE  | WO 160008  | WB 100170 | 1.9          |                 |                            |              | 8363                      | 8770                     | 9451              | 9548                | 8335                   | 7250             | 9526                | 7245              | 9235 |  |  |  |

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 | Growth Value | Prod Value |  |  |
|--------------|------|---------|--------|--------------|-----------------|-----------|--------------|--------------------|-------------------|------------|--------------|-----------------|-----------|--------------|------------|--|--|
| Sorted on ID |      |         |        |              |                 | nt821     | F94L         | Acc                | Acc               | Acc        | Acc          | Acc             | Acc       | Acc          | Acc        |  |  |
|              |      |         |        |              |                 |           |              |                    |                   |            |              |                 |           |              |            |  |  |
|              |      |         |        |              |                 |           |              |                    |                   |            |              |                 |           |              |            |  |  |
|              |      |         |        |              |                 |           |              |                    |                   |            |              |                 |           |              |            |  |  |
|              |      |         |        |              |                 |           |              |                    |                   |            |              |                 |           |              |            |  |  |
|              |      |         |        |              |                 |           |              |                    |                   |            |              |                 |           |              |            |  |  |
|              |      |         |        |              |                 |           |              |                    |                   |            |              |                 |           |              |            |  |  |
|              |      |         |        |              |                 |           |              |                    |                   |            |              |                 |           |              |            |  |  |
|              |      |         |        |              |                 |           |              |                    |                   |            |              |                 |           |              |            |  |  |
|              |      |         |        |              |                 |           |              |                    |                   |            |              |                 |           |              |            |  |  |
|              |      |         |        |              |                 |           |              |                    |                   |            |              |                 |           |              |            |  |  |
|              |      |         |        |              |                 |           |              |                    |                   |            |              |                 |           |              |            |  |  |
|              |      |         |        |              |                 |           |              |                    |                   |            |              |                 |           |              |            |  |  |
|              |      |         |        |              |                 |           |              |                    |                   |            |              |                 |           |              |            |  |  |
|              |      |         |        |              |                 |           |              |                    |                   |            |              |                 |           |              |            |  |  |
|              |      |         |        |              |                 |           |              |                    |                   |            |              |                 |           |              |            |  |  |
|              |      |         |        |              |                 |           |              |                    |                   |            |              |                 |           |              |            |  |  |
|              |      |         |        |              |                 |           |              |                    |                   |            |              |                 |           |              |            |  |  |
|              |      |         |        |              |                 |           |              |                    |                   |            |              |                 |           |              |            |  |  |
|              |      |         |        |              |                 |           |              |                    |                   |            |              |                 |           |              |            |  |  |
|              |      |         |        |              |                 |           |              |                    |                   |            |              |                 |           |              |            |  |  |
|              |      |         |        |              |                 |           |              |                    |                   |            |              |                 |           |              |            |  |  |
|              |      |         |        |              |                 |           |              |                    |                   |            |              |                 |           |              |            |  |  |
|              |      |         |        |              |                 |           |              |                    |                   |            |              |                 |           |              |            |  |  |
|              |      |         |        |              |                 |           |              |                    |                   |            |              |                 |           |              |            |  |  |
|              |      |         |        |              |                 |           |              |                    |                   |            |              |                 |           |              |            |  |  |
|              |      |         |        |              |                 |           |              |                    |                   |            |              |                 |           |              |            |  |  |
|              |      |         |        |              |                 |           |              |                    |                   |            |              |                 |           |              |            |  |  |
|              |      |         |        |              |                 |           |              |                    |                   |            |              |                 |           |              |            |  |  |
|              |      |         |        |              |                 |           |              |                    |                   |            |              |                 |           |              |            |  |  |
|              |      |         |        |              |                 |           |              |                    |                   |            |              |                 |           |              |            |  |  |
|              |      |         |        |              |                 |           |              |                    |                   |            |              |                 |           |              |            |  |  |
|              |      |         |        |              |                 |           |              |                    |                   |            |              |                 |           |              |            |  |  |
|              |      |         |        |              |                 |           |              |                    |                   |            |              |                 |           |              |            |  |  |
|              |      |         |        |              |                 |           |              |                    |                   |            |              |                 |           |              |            |  |  |
|              |      |         |        |              |                 |           |              |                    |                   |            |              |                 |           |              |            |  |  |
|              |      |         |        |              |                 |           |              |                    |                   |            |              |                 |           |              |            |  |  |
|              |      |         |        |              |                 |           |              |                    |                   |            |              |                 |           |              |            |  |  |
|              |      |         |        |              |                 |           |              |                    |                   |            |              |                 |           |              |            |  |  |
|              |      |         |        |              |                 |           |              |                    |                   |            |              |                 |           |              |            |  |  |
|              |      |         |        |              |                 |           |              |                    |                   |            |              |                 |           |              |            |  |  |
|              |      |         |        |              |                 |           |              |                    |                   |            |              |                 |           |              |            |  |  |
|              |      |         |        |              |                 |           |              |                    |                   |            |              |                 |           |              |            |  |  |
|              |      |         |        |              |                 |           |              |                    |                   |            |              |                 |           |              |            |  |  |
|              |      |         |        |              |                 |           |              |                    |                   |            |              |                 |           |              |            |  |  |
|              |      |         |        |              |                 |           |              |                    |                   |            |              |                 |           |              |            |  |  |
|              |      |         |        |              |                 |           |              |                    |                   |            |              |                 |           |              |            |  |  |
|              |      |         |        |              |                 |           |              |                    |                   |            |              |                 |           |              |            |  |  |
|              |      |         |        |              |                 |           |              |                    |                   |            |              |                 |           |              |            |  |  |
|              |      |         |        |              |                 |           |              |                    |                   |            |              |                 |           |              |            |  |  |
|              |      |         |        |              |                 |           |              |                    |                   |            |              |                 |           |              |            |  |  |
|              |      |         |        |              |                 |           |              |                    |                   |            |              |                 |           |              |            |  |  |
|              |      |         |        |              |                 |           |              |                    |                   |            |              |                 |           |              |            |  |  |
|              |      |         |        |              |                 |           |              |                    |                   |            |              |                 |           |              |            |  |  |
|              |      |         |        |              |                 |           |              |                    |                   |            |              |                 |           |              |            |  |  |
|              |      |         |        |              |                 |           |              |                    |                   |            |              |                 |           |              |            |  |  |
|              |      |         |        |              |                 |           |              |                    |                   |            |              |                 |           |              |            |  |  |
|              |      |         |        |              |                 |           |              |                    |                   |            |              |                 |           |              |            |  |  |
|              |      |         |        |              |                 |           |              |                    |                   |            |              |                 |           |              |            |  |  |
|              |      |         |        |              |                 |           |              |                    |                   |            |              |                 |           |              |            |  |  |
|              |      |         |        |              |                 |           |              |                    |                   |            |              |                 |           |              |            |  |  |
|              |      |         |        |              |                 |           |              |                    |                   |            |              |                 |           |              |            |  |  |
|              |      |         |        |              |                 |           |              |                    |                   |            |              |                 |           |              |            |  |  |
|              |      |         |        |              |                 |           |              |                    |                   |            |              |                 |           |              |            |  |  |
|              |      |         |        |              |                 |           |              |                    |                   |            |              |                 |           |              |            |  |  |
|              |      |         |        |              |                 |           |              |                    |                   |            |              |                 |           |              |            |  |  |
|              |      |         |        |              |                 |           |              |                    |                   |            |              |                 |           |              |            |  |  |
|              |      |         |        |              |                 |           |              |                    |                   |            |              |                 |           |              |            |  |  |
|              |      |         |        |              |                 |           |              |                    |                   |            |              |                 |           |              |            |  |  |
|              |      |         |        |              |                 |           |              |                    |                   |            |              |                 |           |              |            |  |  |
|              |      |         |        |              |                 |           |              |                    |                   |            |              |                 |           |              |            |  |  |

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 | Growth Value | Prod Value |     |    |     |    |     |    |     |    |     |    |
|--------------|-----------|--------------------|------------|--------------|-----------------|-----------|--------------|--------------------|-------------------|------------|--------------|-----------------|-----------|--------------|------------|-----|----|-----|----|-----|----|-----|----|-----|----|
| Sorted on ID |           |                    |            |              |                 | nt821     | F94L         | Acc                | Acc               | Acc        | Acc          | Acc             | Acc       | Acc          | Acc        |     |    |     |    |     |    |     |    |     |    |
|              |           |                    |            |              |                 |           |              | ★★★★☆              |                   |            |              |                 |           |              |            |     |    |     |    |     |    |     |    |     |    |
| 19           | DF 230042 | DF230042           | DF 200032  | DF 160035    | 0.3             |           |              | 122                | 64                | 88         | 69           | 94              | 58        | 123          | 45         | 119 | 36 | 104 | 50 |     |    | 82  | 8  |     |    |
| 20           | DF 230043 | DF230043           | DF 200032  | DF 180002    | 0.9             |           |              | 72                 | 60                | 117        | 62           | 101             | 41        | 105          | 34         | 87  | 33 | 105 | 43 |     |    | 98  | 10 |     |    |
| 21           | DF 230044 | DF230044           | DF 200032  | DF 200030    | 3.7             |           |              | 93                 | 61                | 100        | 56           | 92              | 54        | 117          | 43         | 107 | 30 | 100 | 44 |     |    | 92  | 10 |     |    |
| 22           | DF 230055 | DF230055           | DF 200032  | DF 120028    | 0.4             |           |              | 109                | 64                | 101        | 68           | 93              | 51        | 111          | 45         | 93  | 36 | 101 | 49 |     |    | 89  | 8  |     |    |
| 23           | DF 230057 | DF230057           | E 200039   | PT 120311    | 0.0             |           |              | 107                | 60                | 91         | 67           | 112             | 50        | 104          | 45         | 108 | 32 | 102 | 47 |     |    | 88  | 10 |     |    |
| 24           | DF 230064 | DF230064           | E 200039   | DF 160007    | 0.9             |           |              | 105                | 63                | 95         | 67           | 112             | 58        | 92           | 47         | 110 | 36 | 103 | 50 |     |    | 99  | 13 |     |    |
| 25           | DF 240012 | DF240012           | KCM 210052 | DF 200066    | 1.3             |           |              | 109                | 56                | 102        | 66           | 95              | 43        | 98           | 42         | 99  | 30 | 102 | 44 |     |    | 90  | 18 |     |    |
| 26           | DF 240040 | DF240040           | KCM 210052 | DF 120028    | 0.2             |           |              | 109                | 61                | 95         | 68           | 102             | 50        | 106          | 43         | 97  | 31 | 100 | 47 |     |    | 83  | 16 |     |    |
| 27           | DF 240056 | DF240056           | KCM 210052 | DF 210027    | 0.0             |           |              | 106                | 57                | 96         | 66           | 100             | 41        | 102          | 41         | 102 | 29 | 100 | 44 |     |    | 96  | 22 |     |    |
| 28           | DF 240069 | DF240069           | DF 210009  | DF 160041    | 1.7             |           |              | 116                | 51                | 84         | 67           | 111             | 49        | 111          | 47         | 118 | 32 | 102 | 46 |     |    | 86  | 16 |     |    |
| 29           | DF 240078 | DF240078           | KCM 210052 | DF 210011    | 0.1             |           |              | 89                 | 57                | 101        | 66           | 113             | 43        | 95           | 42         | 102 | 30 | 102 | 45 |     |    | 105 | 22 |     |    |
| 30           | PT 120311 | JAMI'S SW IMPORTAT | PT 081787  | PT 061569    | 0.8             |           |              | 127                | 75                | 67         | 73           | 126             | 80        | 124          | 73         | 134 | 47 | 103 | 62 |     |    | 60  | 5  |     |    |
| 31           | WO 190016 | JAMIN              | WB 150424  | LKS 110019   | 1.7             |           |              | 82                 | 72                | 116        | 67           | 102             | 54        | 98           | 46         | 91  | 45 | 107 | 52 | 108 | 32 | 107 | 48 | 108 | 39 |
| 32           | WO 220903 | 220903             | RK 180031  | WO 170016    | 1.4             |           |              | 97                 | 64                | 97         | 61           | 111             | 56        | 89           | 67         | 111 | 35 | 101 | 50 | 113 | 26 | 103 | 45 | 111 | 34 |
|              |           |                    |            |              |                 |           |              | ★★★★               |                   |            |              |                 |           |              |            |     |    |     |    |     |    |     |    |     |    |
| 1            | DF 190013 | DF190013           | PA 130797  | DF 150009    | 1.9             |           |              | 89                 | 71                | 107        | 71           | 91              | 68        | 104          | 70         | 71  | 44 | 91  | 58 |     |    | 90  | 12 |     |    |
| 2            | DF 190015 | Mary               | PA 130797  | DF 150058    | 0.3             |           |              | 98                 | 68                | 92         | 68           | 100             | 64        | 125          | 69         | 75  | 42 | 90  | 56 |     |    | 85  | 10 |     |    |
| 3            | DF 190035 | CHARMANINE DF19003 | PA 130797  | WIN 110008   | 0.6             |           |              | 89                 | 74                | 95         | 74           | 116             | 72        | 100          | 73         | 83  | 45 | 93  | 61 | 85  | 20 | 90  | 53 | 87  | 14 |
| 4            | DF 190044 | Madubi             | BAR 120073 | DF 060038    | 0.6             |           |              | 124                | 72                | 91         | 73           | 87              | 71        | 116          | 72         | 79  | 45 | 91  | 60 | 86  | 24 | 88  | 53 | 87  | 16 |
| 5            | DF 190046 | matusadona         | BAR 120073 | DF 070038    | 0.0             |           |              | 88                 | 72                | 112        | 71           | 95              | 63        | 89           | 71         | 69  | 46 | 94  | 58 | 88  | 23 | 91  | 51 | 91  | 14 |
| 6            | DF 200015 | Flee flee          | BAR 120073 | NLA 140019   | 0.0             |           |              | 129                | 72                | 95         | 72           | 89              | 68        | 91           | 73         | 89  | 46 | 95  | 59 | 103 | 24 | 95  | 52 | 97  | 20 |
| 7            | DF 200030 | DF200030           | DF 180051  | PT 120311    | 0.2             |           |              | 117                | 67                | 77         | 66           | 93              | 65        | 129          | 69         | 113 | 39 | 90  | 55 |     |    | 74  | 10 |     |    |
| 8            | DF 200037 | Ola Oldie          | KCM 150007 | PT 081747    | 0.2             |           |              | 105                | 68                | 89         | 69           | 89              | 61        | 114          | 68         | 110 | 42 | 93  | 55 |     |    | 77  | 12 |     |    |
| 9            | DF 200066 | DF200066           | BAR 120073 | DF 150056    | 2.1             |           |              | 109                | 68                | 104        | 70           | 83              | 66        | 105          | 72         | 92  | 44 | 99  | 57 |     |    | 84  | 14 |     |    |
| 10           | DF 210022 | DF210022           | BAR 120073 | DF 110036    | 0.5             |           |              | 112                | 70                | 96         | 65           | 105             | 68        | 97           | 72         | 85  | 42 | 97  | 56 | 90  | 21 | 94  | 49 | 88  | 21 |
| 11           | DF 210027 | DF210027           | 722E       | E 150104     | 0.5             |           |              | 110                | 68                | 90         | 69           | 91              | 60        | 110          | 70         | 96  | 42 | 91  | 56 | 90  | 26 | 89  | 50 | 101 | 30 |
| 12           | DF 210067 | DF210067           | DF 170035  | DF 160009    | 0.4             |           |              | 112                | 66                | 79         | 69           | 108             | 64        | 111          | 70         | 132 | 38 | 98  | 55 |     |    | 72  | 9  |     |    |
| 13           | DF 210092 | DF210092           | DF 170035  | DF 160065    | 0.1             |           |              | 105                | 60                | 90         | 66           | 100             | 56        | 123          | 67         | 103 | 36 | 98  | 51 |     |    | 86  | 12 |     |    |

**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 | Growth Value | Prod Value |     |    |    |    |     |    |    |    |     |    |
|--------------|-----------|-----------------|------------|--------------|-----------------|------------|--------------|--------------------|-------------------|------------|--------------|-----------------|-----------|--------------|------------|-----|----|----|----|-----|----|----|----|-----|----|
| Sorted on ID |           |                 |            |              |                 | nt821 F94L |              | Acc                | Acc               | Acc        | Acc          | Acc             | Acc       | Acc          | Acc        |     |    |    |    |     |    |    |    |     |    |
|              |           |                 |            |              |                 |            |              | ★★★                |                   |            |              |                 |           |              |            |     |    |    |    |     |    |    |    |     |    |
| 14           | DF 220039 | DF220039        | DF 190032  | CP 127063    | 0.2             |            |              | 122                | 64                | 96         | 69           | 83              | 57        | 122          | 63         | 89  | 38 | 99 | 53 |     |    | 81 | 10 |     |    |
| 15           | DF 230017 | DF230017        | AAN53      | DF 180010    | 0.8             |            |              | 131                | 56                | 77         | 65           | 84              | 40        | 130          | 38         | 110 | 29 | 90 | 43 |     |    | 87 | 12 |     |    |
| 16           | DF 230022 | DF230022        | AAN53      | E 130330     | 0.5             |            |              | 130                | 62                | 82         | 67           | 85              | 43        | 120          | 39         | 103 | 35 | 92 | 46 | 91  | 22 | 90 | 41 | 95  | 20 |
| 17           | DF 230026 | DF230026        | SCJ 200161 | DF 170008    | 2.6             |            |              | 89                 | 65                | 104        | 67           | 85              | 48        | 108          | 46         | 93  | 38 | 94 | 49 | 95  | 24 | 93 | 44 | 104 | 26 |
| 18           | DF 230028 | DF230028        | SCJ 200161 | DF 150028    | 0.4             |            |              | 94                 | 65                | 97         | 66           | 97              | 50        | 111          | 47         | 92  | 39 | 93 | 49 | 94  | 23 | 92 | 44 | 102 | 26 |
| 19           | DF 230030 | DF230030        | SCJ 200161 | DF 110018    | 3.1             |            |              | 83                 | 63                | 103        | 68           | 103             | 51        | 99           | 47         | 90  | 36 | 95 | 49 | 100 | 28 | 94 | 45 | 110 | 30 |
| 20           | DF 230040 | DF230040        | DF 200032  | DF 200040    | 16.5            |            |              | 89                 | 62                | 102        | 66           | 92              | 45        | 121          | 42         | 97  | 34 | 99 | 46 |     |    |    |    | 95  | 10 |
| 21           | DF 230056 | DF230056        | DF 200032  | DF 200076    | 0.9             |            |              | 101                | 57                | 100        | 54           | 89              | 40        | 116          | 37         | 89  | 31 | 97 | 40 |     |    |    |    | 95  | 11 |
| 22           | DF 240003 | Sulley          | KCM 210052 | DF 190012    | 0.8             |            |              | 118                | 57                | 84         | 66           | 94              | 45        | 122          | 43         | 97  | 30 | 91 | 45 |     |    |    |    | 87  | 17 |
| 23           | DF 240023 | DF240023        | DF 210039  | DF 200021    | 0.9             |            |              | 126                | 57                | 81         | 67           | 91              | 43        | 117          | 42         | 104 | 30 | 91 | 45 |     |    |    |    | 83  | 13 |
| 24           | DF 240025 | DF240025        | DF 210039  | DF 200029    | 4.5             |            |              | 114                | 57                | 82         | 66           | 95              | 43        | 111          | 42         | 120 | 28 | 94 | 44 |     |    |    |    | 84  | 10 |
| 25           | DF 240042 | DF240042        | DF 210039  | DF 190046    | 0.7             |            |              | 104                | 58                | 98         | 66           | 91              | 42        | 104          | 42         | 87  | 30 | 92 | 45 |     |    |    |    | 87  | 10 |
| 26           | DF 240054 | DF240054        | DF 210009  | DF 200012    | 5.0             |            |              | 116                | 58                | 91         | 66           | 91              | 47        | 105          | 45         | 101 | 32 | 93 | 46 |     |    |    |    | 92  | 16 |
| 27           | DF 240063 | DF240063        | DF 210009  | DF 180013    | 1.3             |            |              | 112                | 58                | 86         | 66           | 104             | 47        | 112          | 45         | 91  | 32 | 92 | 46 |     |    |    |    | 90  | 16 |
| 28           | DF 240065 | DF240065        | DF 210010  | DF 150043    | 0.6             |            |              | 115                | 60                | 95         | 65           | 97              | 49        | 91           | 46         | 93  | 33 | 94 | 47 |     |    |    |    | 94  | 14 |
| 29           | DF 240067 | DF240067        | KCM 210052 | DF 190017    | 0.3             |            |              | 135                | 57                | 75         | 67           | 92              | 46        | 126          | 42         | 112 | 29 | 93 | 45 |     |    |    |    | 73  | 17 |
| 30           | RK 210019 | RK210019        | RK 180037  | RK 180023    | 0.2             |            |              | 108                | 64                | 80         | 69           | 111             | 57        | 123          | 65         | 110 | 39 | 95 | 53 | 91  | 31 | 93 | 49 | 90  | 37 |
|              |           |                 |            |              |                 |            |              | ★★★☆☆              |                   |            |              |                 |           |              |            |     |    |    |    |     |    |    |    |     |    |
| 1            | DF 160028 | DF160028        | DF 130005  | DF 110013    | 0.3             |            |              | 142                | 76                | 62         | 74           | 97              | 77        | 136          | 74         | 103 | 46 | 84 | 62 | 77  | 20 | 79 | 54 | 74  | 20 |
| 2            | DF 160032 | DF160032        | DF 130005  | DF 080008    | 4.0             |            |              | 118                | 75                | 67         | 56           | 124             | 64        | 119          | 71         | 102 | 40 | 88 | 53 |     |    |    |    | 68  | 14 |
| 3            | DF 180011 | DF180011        | DF 150027  | PT 120311    | 0.2             |            |              | 110                | 74                | 68         | 71           | 115             | 72        | 118          | 70         | 114 | 43 | 85 | 59 |     |    |    |    | 66  | 8  |
| 4            | DF 190012 | DF190012        | PA 130797  | DF 150036    | 2.1             |            |              | 128                | 70                | 80         | 70           | 75              | 70        | 150          | 73         | 89  | 44 | 87 | 58 |     |    |    |    | 79  | 12 |
| 5            | DF 190033 | Amanda DF190033 | PA 130797  | DF 120028    | 0.0             |            |              | 116                | 74                | 71         | 75           | 93              | 75        | 144          | 73         | 90  | 45 | 80 | 61 |     |    |    |    | 70  | 10 |
| 6            | DF 200014 | Nelly           | BAR 120073 | DF 110005    | 0.0             |            |              | 106                | 70                | 95         | 69           | 72              | 60        | 131          | 69         | 86  | 44 | 89 | 56 | 75  | 22 | 84 | 49 | 74  | 14 |
| 7            | DF 200023 | Rachel          | BAR 120073 | DF 150034    | 1.4             |            |              | 144                | 69                | 81         | 70           | 70              | 67        | 117          | 72         | 92  | 45 | 84 | 58 |     |    |    |    | 88  | 16 |
| 8            | DF 200024 | DF200024        | BAR 120073 | DF 110019    | 0.0             |            |              | 140                | 70                | 84         | 71           | 84              | 66        | 103          | 72         | 86  | 45 | 87 | 58 | 101 | 24 | 88 | 51 | 98  | 24 |
| 9            | DF 200056 | Jay Peg         | BAR 120073 | DF 140022    | 9.2             |            |              | 113                | 66                | 88         | 70           | 73              | 61        | 119          | 70         | 97  | 44 | 84 | 56 |     |    |    |    | 73  | 14 |
| 10           | DF 200058 | Amy             | BAR 120073 | DF 170045    | 0.7             |            |              | 89                 | 70                | 103        | 71           | 88              | 66        | 113          | 69         | 69  | 45 | 88 | 58 |     |    |    |    | 88  | 14 |

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 | Growth Value | Prod Value |     |    |    |    |     |    |    |    |     |    |  |
|--------------|-----------|------------|------------|--------------|-----------------|-----------|--------------|--------------------|-------------------|------------|--------------|-----------------|-----------|--------------|------------|-----|----|----|----|-----|----|----|----|-----|----|--|
| Sorted on ID |           |            |            |              |                 | nt821     | F94L         | Acc                | Acc               | Acc        | Acc          | Acc             | Acc       | Acc          | Acc        |     |    |    |    |     |    |    |    |     |    |  |
|              |           |            |            |              |                 |           |              | ★★★☆☆              |                   |            |              |                 |           |              |            |     |    |    |    |     |    |    |    |     |    |  |
| 11           | DF 220003 | DF220003   | 124 AAN    | DF 140015    | 0.0             |           |              | 131                | 59                | 78         | 63           | 94              | 53        | 108          | 64         | 95  | 32 | 86 | 49 |     |    |    | 78 | 12  |    |  |
| 12           | DF 220008 | DF220008   | 4336       | DF 150028    | 0.1             |           |              | 89                 | 68                | 95         | 69           | 75              | 64        | 119          | 71         | 90  | 45 | 82 | 57 | 95  | 24 | 82 | 50 | 89  | 23 |  |
| 13           | DF 220047 | DF220047   | DF 190032  | DF 160006    | 0.3             |           |              | 134                | 63                | 70         | 68           | 96              | 57        | 132          | 67         | 105 | 36 | 89 | 53 |     |    |    |    | 68  | 8  |  |
| 14           | DF 220059 | DF220059   | DF 190049  | DF 160059    | 0.0             |           |              | 123                | 66                | 82         | 64           | 78              | 47        | 133          | 45         | 98  | 35 | 88 | 47 |     |    |    |    | 69  | 8  |  |
| 15           | DF 220071 | DF220071   | DF 190032  | DF 150046    | 0.8             |           |              | 139                | 64                | 72         | 66           | 83              | 50        | 124          | 49         | 98  | 35 | 84 | 49 |     |    |    |    | 78  | 14 |  |
| 16           | DF 230015 | DF230015   | SCJ 200161 | DF 150009    | 0.6             |           |              | 100                | 66                | 88         | 66           | 96              | 50        | 103          | 47         | 88  | 39 | 83 | 49 | 93  | 22 | 82 | 44 | 101 | 26 |  |
| 17           | DF 230053 | DF230053   | E 200039   | DF 160043    | 0.5             |           |              | 124                | 63                | 72         | 67           | 97              | 59        | 121          | 46         | 120 | 35 | 89 | 50 |     |    |    |    | 81  | 12 |  |
| 18           | DF 230065 | DF230065   | E 200039   | WIN 110008   | 0.0             |           |              | 106                | 65                | 89         | 68           | 100             | 51        | 93           | 46         | 80  | 37 | 83 | 49 | 95  | 20 | 82 | 43 | 95  | 14 |  |
| 19           | DF 240004 | DF240004   | DF 210039  | DF 190044    | 0.3             |           |              | 131                | 58                | 75         | 67           | 86              | 45        | 122          | 42         | 92  | 30 | 82 | 45 |     |    |    |    | 83  | 11 |  |
| 20           | DF 240011 | DF240011   | KCM 210052 | DF 200056    | 1.2             |           |              | 111                | 56                | 85         | 66           | 93              | 41        | 112          | 41         | 102 | 29 | 89 | 44 |     |    |    |    | 81  | 18 |  |
| 21           | DF 240031 | DF240031   | DF 210039  | DF 190013    | 0.5             |           |              | 106                | 58                | 93         | 66           | 89              | 43        | 112          | 41         | 87  | 29 | 89 | 44 |     |    |    |    | 87  | 10 |  |
| 22           | DF 240038 | DF240038   | DF 210010  | DF 170029    | 0.5             |           |              | 105                | 51                | 86         | 54           | 90              | 47        | 111          | 46         | 101 | 32 | 87 | 42 |     |    |    |    | 88  | 12 |  |
| 23           | DF 240075 | DF240075   | DF 210009  | DF 140026    | 1.3             |           |              | 104                | 59                | 78         | 66           | 100             | 49        | 123          | 45         | 89  | 31 | 81 | 46 |     |    |    |    | 82  | 16 |  |
| 24           | DF 240080 | DF240080   | DF 210009  | E 130288     | 0.2             |           |              | 110                | 61                | 80         | 68           | 91              | 48        | 112          | 46         | 100 | 32 | 82 | 47 |     |    |    |    | 81  | 15 |  |
| 25           | DF 240082 | DF240082   | DF 210009  | DF 180019    | 1.2             |           |              | 88                 | 58                | 93         | 65           | 100             | 44        | 113          | 44         | 91  | 31 | 89 | 45 |     |    |    |    | 86  | 16 |  |
| 26           | E 170120  | EILEEN 17A | D162       | WB 090043    | 0.1             |           |              | 91                 | 72                | 97         | 66           | 83              | 70        | 94           | 74         | 87  | 46 | 81 | 58 | 109 | 31 | 83 | 53 | 102 | 35 |  |
|              |           |            |            |              |                 |           |              | ★★★                |                   |            |              |                 |           |              |            |     |    |    |    |     |    |    |    |     |    |  |
| 1            | DF 150009 | DF150009   | PA 110710  | DF 120062    | 0.4             |           |              | 93                 | 78                | 89         | 68           | 92              | 79        | 102          | 74         | 81  | 50 | 77 | 62 |     |    |    |    | 85  | 16 |  |
| 2            | DF 160059 | QUEEN B    | DF 130005  | DF 120009    | 0.1             |           |              | 127                | 75                | 62         | 73           | 76              | 77        | 157          | 72         | 114 | 43 | 79 | 61 |     |    |    |    | 57  | 8  |  |
| 3            | DF 180010 | DF180010   | BAR 130009 | DF 100052    | 2.0             |           |              | 124                | 74                | 75         | 73           | 66              | 74        | 141          | 73         | 94  | 46 | 77 | 61 | 79  | 24 | 73 | 54 | 78  | 20 |  |
| 4            | DF 180036 | DF180036   | DF 150060  | DF 090030    | 0.7             |           |              | 107                | 70                | 75         | 68           | 89              | 69        | 133          | 72         | 96  | 42 | 79 | 57 | 80  | 20 | 75 | 50 | 79  | 14 |  |
| 5            | DF 190017 | DF190017   | DF 150064  | DF 160035    | 0.2             |           |              | 139                | 71                | 48         | 72           | 74              | 72        | 170          | 71         | 119 | 41 | 73 | 59 |     |    |    |    | 53  | 8  |  |
| 6            | DF 200027 | Rotanda    | BAR 120073 | DF 150028    | 1.4             |           |              | 142                | 69                | 69         | 70           | 77              | 67        | 142          | 70         | 82  | 45 | 77 | 58 |     |    |    |    | 78  | 16 |  |
| 7            | DF 200070 | DF200070   | BAR 120073 | DF 150020    | 1.5             |           |              | 125                | 69                | 78         | 68           | 71              | 55        | 127          | 55         | 87  | 44 | 77 | 53 |     |    |    |    | 77  | 14 |  |
| 8            | DF 210019 | LASSIE 2ND | WB 060013  | NLA 140019   | 0.0             |           |              | 97                 | 66                | 72         | 69           | 121             | 62        | 99           | 69         | 92  | 44 | 76 | 56 | 88  | 39 | 75 | 53 | 76  | 36 |  |
| 9            | DF 230054 | DF230054   | DF 200032  | E 140362     | 1.4             |           |              | 102                | 65                | 79         | 68           | 98              | 50        | 117          | 45         | 84  | 37 | 78 | 49 | 89  | 22 | 77 | 44 | 93  | 20 |  |
| 10           | DF 240032 | DF240032   | DF 210039  | DF 140062    | 1.2             |           |              | 129                | 60                | 71         | 68           | 78              | 48        | 125          | 42         | 107 | 28 | 79 | 46 |     |    |    |    | 75  | 10 |  |
| 11           | E 130288  | PANSY 13A  | D162       | CRE 080287   | 0.3             |           |              | 102                | 79                | 85         | 75           | 86              | 75        | 106          | 74         | 90  | 47 | 78 | 63 |     |    |    |    | 81  | 18 |  |

# 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 | Growth Value | Prod Value |       |  |
|--------------|--------------|-----------|------------|--------------|-----------------|-----------|--------------|--------------------|-------------------|------------|--------------|-----------------|-----------|--------------|------------|-------|--|
| Sorted on ID |              |           |            |              |                 | ni821     | F94L         | Acc                | Acc               | Acc        | Acc          | Acc             | Acc       | Acc          | Acc        |       |  |
|              |              |           |            |              |                 |           |              |                    |                   |            |              | ★ ★             |           |              |            |       |  |
| 12 E 150106  | ENCHANT13I   | 8077      | E 120248   | 2.2          |                 |           |              | 88 77              | 81 75             | 100 76     | 111 73       | 77 47           | 72 62     | 77 34        | 69 56      | 87 30 |  |
| 13 WO 200023 | RUBY 2       | WO 160008 | LKS 110009 | 8.2          |                 |           |              | 77 70              | 95 69             | 83 59      | 85 67        | 90 38           | 72 55     | 93 23        | 73 49      | 87 28 |  |
|              |              |           |            |              |                 |           |              |                    |                   |            |              | ★ ★             |           |              |            |       |  |
| 1 DF 240045  | DF240045     | DF 210039 | E 150054   | 0.5          |                 |           |              | 115 60             | 63 68             | 93 46      | 122 43       | 93 29           | 67 46     |              |            | 76 12 |  |
| 2 E 150054   | MERRYLASS15A | D162      | H 060177   | 0.3          |                 |           |              | 92 79              | 77 68             | 97 74      | 100 75       | 78 43           | 66 60     |              |            | 84 18 |  |
| 3 E 170086   | Pansy 17A    | 232       | E 130322   | 0.0          |                 |           |              | 89 74              | 86 58             | 76 60      | 98 68        | 70 35           | 62 52     |              |            | 82 13 |  |
|              |              |           |            |              |                 |           |              |                    |                   |            |              | ★               |           |              |            |       |  |
| 1 E 160056   | ROSEBUD16B   | WB 100210 | E 120254   | 0.0          |                 |           |              | 80 75              | 82 66             | 50 74      | 115 73       | 95 46           | 55 59     | 95 32        | 58 54      | 94 44 |  |

**Selection List on Cow Value**  
**Bull calves younger than 2 years**

| ID<br><div>Sorted on ID</div> | Name      | Sire ID           | Dam ID     | % Inbreeding | Horned / Polled | Myostatin<br>n1821<br>F94L | 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 |  | Growth<br>Value<br>Acc | Prod<br>Value<br>Acc | Carcass<br>Value<br>Acc |
|-------------------------------|-----------|-------------------|------------|--------------|-----------------|----------------------------|--------------|------------------------------|-----------------------------|----------------------|------------------------|---------------------------|---------------------|--|------------------------|----------------------|-------------------------|
|                               |           |                   |            |              |                 |                            |              | ★★★★★                        |                             |                      |                        |                           |                     |  |                        |                      |                         |
| 1                             | DF 250050 | DF250050          | RAT 202007 | WO 220903    | 1.1             |                            |              | 9857                         | 11365                       | 10341                | 9543                   | 10128                     | 11444               |  | 10822                  | 11340                | 11328                   |
| 2                             | DF 260004 | DF260004          | RAT 202007 | DF 200040    | 0.1             |                            |              | 10257                        | 11652                       | 9144                 | 11843                  | 9730                      | 11841               |  | 9120                   | 11337                | 9823                    |
| 3                             | DF 260006 | GRAHAM E          | RAT 202007 | WO 190016    | 1.4             |                            |              | 9559                         | 11951                       | 10039                | 10535                  | 9231                      | 11739               |  | 10224                  | 11536                | 10729                   |
| 4                             | DF 260007 | DF260007          | RAT 202007 | DF 200050    | 0.1             |                            |              | 9157                         | 11952                       | 9243                 | 10543                  | 9029                      | 11141               |  | 9520                   | 10837                | 10322                   |
|                               |           |                   |            |              |                 |                            |              | ★★★★☆                        |                             |                      |                        |                           |                     |  |                        |                      |                         |
| 1                             | DF 250006 | DF250006          | DF 200078  | DF 200058    | 13.2            |                            |              | 9356                         | 11463                       | 9044                 | 11145                  | 9031                      | 10844               |  |                        |                      | 8810                    |
| 2                             | DF 250010 | DF250010          | KCM 220090 | DF 220075    | 0.4             |                            |              | 12553                        | 9764                        | 10139                | 9341                   | 10725                     | 10642               |  |                        |                      | 1028                    |
| 3                             | DF 250025 | DF250025          | KCM 220090 | DF 220039    | 0.1             |                            |              | 10653                        | 10464                       | 9238                 | 9940                   | 9326                      | 10142               |  |                        |                      | 977                     |
| 4                             | DF 250043 | GRAHAM DF250043   | RAT 202007 | E 130288     | 0.1             |                            |              | 9661                         | 11067                       | 9248                 | 10346                  | 9132                      | 10447               |  | 9120                   | 10142                | 9923                    |
| 5                             | DF 250064 | DF250064          | KCM 220090 | DF 210022    | 0.5             |                            |              | 9456                         | 11064                       | 10643                | 8843                   | 9128                      | 10444               |  |                        |                      | 10212                   |
| 6                             | DF 250075 | DF250075          | RAT 202007 | DF 200066    | 1.3             |                            |              | 11157                        | 10865                       | 8844                 | 10545                  | 9331                      | 10745               |  | 8920                   | 10340                | 9623                    |
| 7                             | DF 260003 | DF260003          | RAT 202007 | DF 210027    | 0.1             |                            |              | 11157                        | 10052                       | 9341                 | 11144                  | 9529                      | 10240               |  | 9322                   | 9936                 | 10326                   |
| 8                             | DF 260008 | DF260008          | RAT 202007 | DF 210028    | 0.1             |                            |              | 10857                        | 10552                       | 10142                | 9844                   | 9529                      | 10641               |  | 10422                  | 10637                | 11224                   |
| 9                             | DF 260015 | DF260015          | 916 SAT    | DF 230040    | 1.0             |                            |              | 9849                         | 10039                       | 9724                 | 11422                  | 10521                     | 10329               |  |                        |                      | 1058                    |
|                               |           |                   |            |              |                 |                            |              | ★★★                          |                             |                      |                        |                           |                     |  |                        |                      |                         |
| 1                             | DF 250001 | DF250001          | E 200039   | DF 200040    | 2.3             |                            |              | 9756                         | 10064                       | 9145                 | 10743                  | 9130                      | 9444                |  |                        |                      | 10112                   |
| 2                             | DF 250026 | DF250026          |            | DF 200021    | 0.0             |                            |              | 11349                        | 10658                       | 8635                 | 9736                   | 7423                      | 9638                |  |                        |                      | 9811                    |
| 3                             | DF 250029 | DF250029          |            | DF 160043    | 0.0             |                            |              | 10352                        | 9560                        | 9041                 | 10938                  | 9424                      | 9240                |  |                        |                      | 826                     |
| 4                             | DF 250034 | DF250034          |            | DF 160009    | 0.0             |                            |              | 9852                         | 8959                        | 10740                | 11238                  | 9724                      | 9340                |  |                        |                      | 806                     |
| 5                             | DF 250045 | RED BULL DF250045 | RAT 202007 | DF 170029    | 0.8             |                            |              | 10959                        | 9466                        | 8747                 | 11745                  | 9231                      | 9446                |  |                        |                      | 9322                    |
| 6                             | DF 250048 | DF250048          |            | DF 130009    | 0.0             |                            |              | 10553                        | 9059                        | 11141                | 11238                  | 7323                      | 9140                |  |                        |                      | 926                     |
| 7                             | DF 260005 | DF260005          | RAT 202007 | DF 200024    | 0.8             |                            |              | 13957                        | 8452                        | 8743                 | 10845                  | 9031                      | 9041                |  | 9922                   | 9037                 | 10224                   |
| 8                             | DF 260010 | DF260010          | RAT 202007 | DF 190015    | 0.7             |                            |              | 10850                        | 9852                        | 9743                 | 11943                  | 8429                      | 9940                |  |                        |                      | 9522                    |
| 9                             | DF 260025 | DF260025          |            | DF 210011    | 0.0             |                            |              | 7549                         | 10836                       | 10533                | 10336                  | 7524                      | 9532                |  |                        |                      | 10114                   |
|                               |           |                   |            |              |                 |                            |              | ★★★                          |                             |                      |                        |                           |                     |  |                        |                      |                         |
| 1                             | DF 250009 | BIG J             | KCM 220090 | DF 220008    | 3.4             |                            |              | 8955                         | 9364                        | 9341                 | 10643                  | 9629                      | 8643                |  |                        |                      | 9812                    |

# Selection List on Cow Value

## Bull calves younger than 2 years

| 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 |     | Growth Value | Prod Value | Carcass Value |    |    |  |  |  |     |    |
|--------------|-----------|----------|-----------|--------------|-----------------|---------------|--------------|--------------------|-------------------|------------|--------------|-----------------|-----------|-----|--------------|------------|---------------|----|----|--|--|--|-----|----|
| Sorted on ID |           |          |           |              |                 | nt821<br>F94L |              | Acc                | Acc               | Acc        | Acc          | Acc             | Acc       |     | Acc          | Acc        | Acc           |    |    |  |  |  |     |    |
|              |           |          |           |              |                 |               |              | ★★★★               |                   |            |              |                 |           |     |              |            |               |    |    |  |  |  |     |    |
| 2            | DF 250021 | DF250021 | DF 180011 | 0.0          |                 |               |              | 107                | 51                | 82         | 58           | 99              | 37        | 108 | 35           | 81         | 22            | 80 | 38 |  |  |  | 82  | 4  |
| 3            | DF 250022 | DF250022 | DF 160032 | 0.0          |                 |               |              | 101                | 51                | 87         | 55           | 108             | 33        | 110 | 36           | 76         | 21            | 85 | 37 |  |  |  | 82  | 6  |
| 4            | DF 250033 | DF250033 | DF 150003 | 0.0          |                 |               |              | 87                 | 50                | 92         | 58           | 94              | 39        | 120 | 36           | 73         | 21            | 81 | 38 |  |  |  | 85  | 6  |
| 5            | DF 250035 | DF250035 | DF 200030 | 0.0          |                 |               |              | 109                | 49                | 85         | 57           | 90              | 34        | 118 | 35           | 82         | 20            | 82 | 37 |  |  |  | 81  | 5  |
| 6            | DF 250044 | DF250044 | E 170120  | 0.0          |                 |               |              | 82                 | 52                | 111        | 60           | 87              | 36        | 94  | 37           | 67         | 24            | 88 | 39 |  |  |  | 102 | 18 |
| 7            | DF 250047 | DF250047 | DF 170045 | 0.0          |                 |               |              | 78                 | 51                | 99         | 59           | 101             | 39        | 114 | 37           | 58         | 25            | 83 | 40 |  |  |  | 91  | 8  |
| 8            | DF 250055 | DF250055 | DF 230044 | 0.0          |                 |               |              | 88                 | 45                | 93         | 54           | 96              | 28        | 118 | 21           | 79         | 16            | 86 | 32 |  |  |  | 88  | 4  |
| 9            | DF 260014 | DF260014 | DF 230028 | 0.0          |                 |               |              | 97                 | 47                | 90         | 33           | 94              | 25        | 113 | 24           | 71         | 20            | 81 | 27 |  |  |  | 94  | 14 |
| 10           | DF 260018 | DF260018 | 916 SAT   | 0.3          |                 |               |              | 139                | 48                | 67         | 39           | 89              | 23        | 114 | 21           | 108        | 21            | 80 | 28 |  |  |  | 105 | 12 |
| 11           | DF 260022 | DF260022 | 916 SAT   | 0.3          |                 |               |              | 113                | 50                | 83         | 39           | 98              | 26        | 105 | 24           | 100        | 23            | 87 | 30 |  |  |  | 108 | 14 |
|              |           |          |           |              |                 |               |              | ★★★                |                   |            |              |                 |           |     |              |            |               |    |    |  |  |  |     |    |
| 1            | DF 250013 | DF250013 | DF 160024 | 0.0          |                 |               |              | 131                | 52                | 80         | 59           | 82              | 40        | 116 | 37           | 71         | 25            | 78 | 40 |  |  |  | 87  | 10 |
| 2            | DF 250015 | DF250015 | DF 200034 | 0.0          |                 |               |              | 100                | 48                | 77         | 57           | 93              | 32        | 127 | 26           | 77         | 21            | 73 | 35 |  |  |  | 80  | 6  |
| 3            | DF 250018 | DF250018 | DF 160028 | 0.0          |                 |               |              | 112                | 51                | 72         | 59           | 100             | 39        | 129 | 37           | 78         | 24            | 76 | 39 |  |  |  | 79  | 10 |
| 4            | DF 250024 | DF250024 | DF 160021 | 0.0          |                 |               |              | 134                | 52                | 76         | 60           | 86              | 41        | 110 | 37           | 82         | 24            | 78 | 40 |  |  |  | 85  | 6  |
| 5            | DF 260023 | DF260023 | DF 230055 | 0.0          |                 |               |              | 120                | 46                | 76         | 34           | 89              | 26        | 114 | 22           | 71         | 18            | 73 | 27 |  |  |  | 87  | 4  |
|              |           |          |           |              |                 |               |              | ★★★                |                   |            |              |                 |           |     |              |            |               |    |    |  |  |  |     |    |
| 1            | DF 250066 | DF250066 | E 150106  | 0.0          |                 |               |              | 107                | 52                | 78         | 61           | 88              | 39        | 112 | 37           | 65         | 24            | 67 | 40 |  |  |  | 86  | 14 |

# Selection List on Cow Value

## Heifers younger than 2 years

| ID<br><div>Sorted on ID</div> | Name      | Sire ID              | Dam ID     | % Inbreeding | Horned / Polled | Myostatin<br>n1821<br>F94L | 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 |     | Growth Value<br>Acc | Prod Value<br>Acc | Carcass Value<br>Acc |     |    |  |  |    |    |     |    |    |    |
|-------------------------------|-----------|----------------------|------------|--------------|-----------------|----------------------------|--------------|---------------------------|--------------------------|-------------------|---------------------|------------------------|------------------|-----|---------------------|-------------------|----------------------|-----|----|--|--|----|----|-----|----|----|----|
|                               |           |                      |            |              |                 |                            |              | ★★★★★                     |                          |                   |                     |                        |                  |     |                     |                   |                      |     |    |  |  |    |    |     |    |    |    |
| 1                             | DF 250078 | DF250078             | DF 230033  | 0.0          |                 |                            |              | 78                        | 46                       | 128               | 33                  | 112                    | 24               | 109 | 23                  | 74                | 20                   | 122 | 27 |  |  |    |    | 98  | 13 |    |    |
|                               |           |                      |            |              |                 |                            |              | ★★★★★                     |                          |                   |                     |                        |                  |     |                     |                   |                      |     |    |  |  |    |    |     |    |    |    |
| 1                             | DF 250039 | DF250039             | KCM 220090 | DF 210024    | 0.3             |                            |              | 88                        | 54                       | 110               | 62                  | 116                    | 41               | 93  | 42                  | 98                | 24                   | 111 | 42 |  |  |    |    | 103 | 6  |    |    |
| 2                             | DF 250074 | CARL DF250074        | KCM 220090 | DF 210076    | 0.5             |                            |              | 97                        | 54                       | 111               | 64                  | 101                    | 41               | 89  | 42                  | 108               | 26                   | 111 | 43 |  |  |    |    | 106 | 10 |    |    |
| 3                             | DF 260021 | DF260021             |            | DF 230043    | 0.0             |                            |              | 76                        | 45                       | 127               | 31                  | 101                    | 21               | 110 | 17                  | 68                | 17                   | 113 | 24 |  |  |    |    | 92  | 4  |    |    |
|                               |           |                      |            |              |                 |                            |              | ★★★★★                     |                          |                   |                     |                        |                  |     |                     |                   |                      |     |    |  |  |    |    |     |    |    |    |
| 1                             | DF 250002 | DF250002             | DF 200078  | DF 200050    | 0.7             |                            |              | 100                       | 55                       | 108               | 62                  | 84                     | 44               | 106 | 44                  | 98                | 29                   | 102 | 43 |  |  |    |    | 91  | 9  |    |    |
| 2                             | DF 250011 | DF250011             | KCM 220090 | DF 220064    | 0.4             |                            |              | 112                       | 53                       | 106               | 51                  | 95                     | 36               | 92  | 34                  | 105               | 25                   | 108 | 37 |  |  |    |    | 97  | 6  |    |    |
| 3                             | DF 250046 | CHARMANINE 2ND DF250 | RAT 202007 | DF 190035    | 1.1             |                            |              | 97                        | 59                       | 105               | 66                  | 108                    | 46               | 106 | 45                  | 90                | 31                   | 106 | 46 |  |  | 92 | 20 | 103 | 41 | 96 | 22 |
| 4                             | DF 250052 | DF250052             | KCM 220090 | DF 220003    | 0.3             |                            |              | 102                       | 52                       | 106               | 63                  | 96                     | 37               | 92  | 40                  | 97                | 24                   | 102 | 41 |  |  |    |    | 96  | 8  |    |    |
| 5                             | DF 250060 | DF250060             | KCM 220090 | DF 210067    | 0.2             |                            |              | 91                        | 54                       | 99                | 64                  | 110                    | 41               | 98  | 42                  | 116               | 26                   | 104 | 43 |  |  |    |    | 90  | 6  |    |    |
| 6                             | DF 260002 | MISS AUTUM           | RAT 202007 | DF 190046    | 0.8             |                            |              | 98                        | 58                       | 112               | 52                  | 95                     | 43               | 101 | 44                  | 82                | 31                   | 105 | 41 |  |  | 92 | 22 | 102 | 37 | 98 | 23 |
| 7                             | DF 260016 | DF260016             | 916 SAT    | DF 230027    | 0.2             |                            |              | 93                        | 48                       | 106               | 37                  | 101                    | 20               | 106 | 19                  | 102               | 21                   | 107 | 27 |  |  |    |    | 107 | 8  |    |    |
|                               |           |                      |            |              |                 |                            |              | ★★★★                      |                          |                   |                     |                        |                  |     |                     |                   |                      |     |    |  |  |    |    |     |    |    |    |
| 1                             | DF 250003 | DF250003             | DF 210064  | DF 200014    | 13.0            |                            |              | 113                       | 54                       | 89                | 62                  | 81                     | 41               | 134 | 44                  | 87                | 30                   | 90  | 43 |  |  |    |    | 75  | 10 |    |    |
| 2                             | DF 250004 | DF250004             | DF 210064  | DF 200024    | 13.0            |                            |              | 142                       | 55                       | 88                | 63                  | 80                     | 43               | 114 | 45                  | 85                | 31                   | 92  | 44 |  |  |    |    | 91  | 14 |    |    |
| 3                             | DF 250014 | LINDA                | KCM 220090 | DF 210092    | 0.5             |                            |              | 104                       | 53                       | 98                | 63                  | 98                     | 38               | 98  | 41                  | 101               | 25                   | 98  | 41 |  |  |    |    | 101 | 8  |    |    |
| 4                             | DF 250020 | DF250020             |            | DF 200029    | 0.0             |                            |              | 91                        | 49                       | 100               | 57                  | 98                     | 34               | 101 | 35                  | 94                | 22                   | 95  | 37 |  |  |    |    | 91  | 6  |    |    |
| 5                             | DF 250061 | DF 250061            |            | RK 210019    | 0.0             |                            |              | 100                       | 32                       | 97                | 60                  | 98                     | 30               | 107 | 32                  | 81                | 20                   | 92  | 34 |  |  |    |    | 94  | 18 |    |    |
| 6                             | DF 250071 | DF250071             |            | DF 230064    | 0.0             |                            |              | 103                       | 46                       | 96                | 56                  | 99                     | 30               | 98  | 23                  | 81                | 19                   | 91  | 34 |  |  |    |    | 94  | 6  |    |    |
| 7                             | DF 250076 | DF250076             |            | DF 230029    | 0.0             |                            |              | 82                        | 45                       | 104               | 32                  | 101                    | 21               | 113 | 19                  | 78                | 19                   | 96  | 25 |  |  |    |    | 92  | 6  |    |    |
| 8                             | DF 260001 | DF260001             | RAT 202007 | DF 200089    | 0.8             |                            |              | 131                       | 57                       | 88                | 52                  | 96                     | 42               | 107 | 44                  | 101               | 30                   | 99  | 41 |  |  | 91 | 20 | 96  | 37 | 97 | 22 |
| 9                             | DF 260013 | DF260013             | 916 SAT    | DF 220059    | 0.0             |                            |              | 122                       | 50                       | 84                | 38                  | 89                     | 25               | 120 | 24                  | 105               | 21                   | 93  | 29 |  |  |    |    | 92  | 7  |    |    |
| 10                            | DF 260020 | DF260020             | 916 SAT    | DF 230026    | 0.5             |                            |              | 102                       | 50                       | 97                | 39                  | 93                     | 26               | 108 | 24                  | 103               | 23                   | 97  | 30 |  |  |    |    | 110 | 14 |    |    |
| 11                            | DF 260026 | DF260026             | RAT 202007 | DF 160032    | 0.0             |                            |              | 118                       | 59                       | 85                | 48                  | 109                    | 43               | 116 | 44                  | 98                | 29                   | 98  | 40 |  |  | 82 | 20 | 93  | 36 | 87 | 23 |
|                               |           |                      |            |              |                 |                            |              |                           |                          |                   |                     |                        |                  |     |                     |                   |                      |     |    |  |  |    |    |     |    |    |    |

Selection List on Cow Value  
Heifers younger than 2 years

| ID<br>Sorted on ID | Name      | Sire ID  | Dam ID               | % Inbreeding | Horned /<br>Polled | Myostatin<br>n1821<br>F94L | 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 |  | Growth<br>Value<br>Acc | Prod<br>Value<br>Acc | Carcass<br>Value<br>Acc |
|--------------------|-----------|----------|----------------------|--------------|--------------------|----------------------------|--------------|---------------------------------|--------------------------------|----------------------|------------------------|---------------------------|---------------------|--|------------------------|----------------------|-------------------------|
|                    |           |          |                      |              |                    |                            |              |                                 |                                |                      |                        |                           |                     |  |                        |                      |                         |
|                    |           |          |                      |              |                    |                            |              |                                 |                                |                      |                        |                           |                     |  |                        |                      |                         |
| 1                  | DF 250012 | DF250012 | PT 120311            | 0.0          |                    |                            |              | 121 53                          | 68 61                          | 107 41               | 122 36                 | 94 24                     | 81 40               |  |                        |                      | 73 2                    |
| 2                  | DF 250016 | DF250016 | DF 200031            | 0.0          |                    |                            |              | 104 49                          | 92 57                          | 92 33                | 110 35                 | 83 21                     | 88 37               |  |                        |                      | 91 8                    |
| 3                  | DF 250023 | DF250023 | DF 180036            | 0.0          |                    |                            |              | 95 49                           | 92 57                          | 90 36                | 114 36                 | 74 22                     | 81 38               |  |                        |                      | 85 7                    |
| 4                  | DF 250036 | DF250036 | DF 170013            | 0.0          |                    |                            |              | 108 51                          | 94 59                          | 88 39                | 105 36                 | 85 22                     | 89 39               |  |                        |                      | 95 8                    |
| 5                  | DF 250040 | DF250040 | DF 200015            | 0.0          |                    |                            |              | 119 49                          | 91 58                          | 87 35                | 101 36                 | 72 24                     | 83 38               |  |                        |                      | 93 10                   |
| 6                  | DF 250041 | DF250041 | DF 200037            | 0.0          |                    |                            |              | 99 49                           | 93 57                          | 90 32                | 111 34                 | 81 22                     | 85 37               |  |                        |                      | 84 6                    |
| 7                  | DF 260011 | DF260011 | 916 SAT<br>DF 230065 | 0.6          |                    |                            |              | 125 50                          | 75 39                          | 97 27                | 100 24                 | 96 22                     | 80 30               |  |                        |                      | 105 10                  |
| 8                  | DF 260017 | DF260017 | DF 180011            | 0.0          |                    |                            |              | 93 50                           | 88 36                          | 106 36               | 117 35                 | 82 21                     | 86 32               |  |                        |                      | 76 4                    |
|                    |           |          |                      |              |                    |                            |              |                                 |                                |                      |                        |                           |                     |  |                        |                      |                         |
|                    |           |          |                      |              |                    |                            |              |                                 |                                |                      |                        |                           |                     |  |                        |                      |                         |
| 1                  | DF 250031 | DF250031 | DF 200023            | 0.0          |                    |                            |              | 132 49                          | 75 57                          | 77 35                | 121 36                 | 74 23                     | 74 38               |  |                        |                      | 81 8                    |
| 2                  | DF 250037 | DF250037 | DF 180010            | 0.0          |                    |                            |              | 117 51                          | 79 59                          | 79 38                | 128 37                 | 74 24                     | 74 39               |  |                        |                      | 82 10                   |
| 3                  | DF 250038 | DF250038 | DF 190044            | 0.0          |                    |                            |              | 121 49                          | 78 58                          | 87 37                | 120 36                 | 67 24                     | 74 38               |  |                        |                      | 85 8                    |
| 4                  | DF 250049 | DF250049 | DF 200027            | 0.0          |                    |                            |              | 115 49                          | 76 57                          | 88 35                | 132 35                 | 70 23                     | 74 37               |  |                        |                      | 79 8                    |
| 5                  | DF 250057 | DF250057 | WO 210031            | 0.0          |                    |                            |              | 95 49                           | 86 60                          | 91 30                | 108 34                 | 75 18                     | 74 36               |  |                        |                      | 89 12                   |
| 6                  | DF 260019 | DF260019 | DF 200058            | 0.0          |                    |                            |              | 104 49                          | 83 36                          | 88 33                | 115 35                 | 59 22                     | 70 31               |  |                        |                      | 87 8                    |
| 7                  | DF 260024 | DF260024 | DF 230054            | 0.0          |                    |                            |              | 99 46                           | 83 34                          | 95 25                | 117 23                 | 67 19                     | 75 27               |  |                        |                      | 89 10                   |
|                    |           |          |                      |              |                    |                            |              |                                 |                                |                      |                        |                           |                     |  |                        |                      |                         |
|                    |           |          |                      |              |                    |                            |              |                                 |                                |                      |                        |                           |                     |  |                        |                      |                         |
| 1                  | DF 250017 | DF250017 | E 150054             | 0.0          |                    |                            |              | 102 54                          | 73 60                          | 93 38                | 111 37                 | 67 22                     | 63 40               |  |                        |                      | 83 9                    |
| 2                  | DF 250042 | DF250042 | DF 150009            | 0.0          |                    |                            |              | 96 53                           | 78 58                          | 95 40                | 119 37                 | 69 26                     | 69 40               |  |                        |                      | 80 8                    |

