

**ANGUS**

## **GENOMIC BREEDING VALUE REPORT**

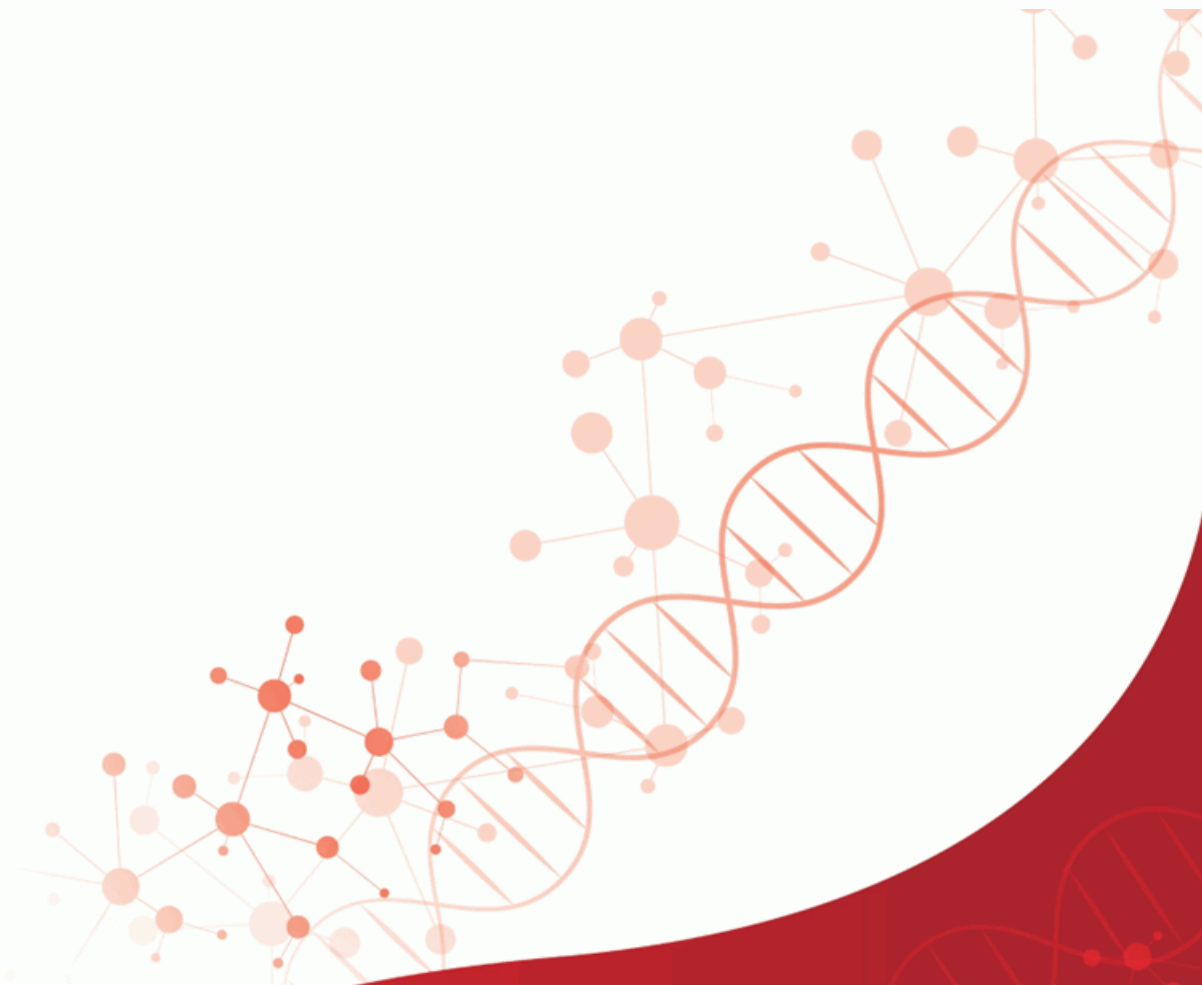
September 2026



**D.M. ANDERSON TRUST**

Herd Number: 709591

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# EBVs, EBVi's and GEBVs

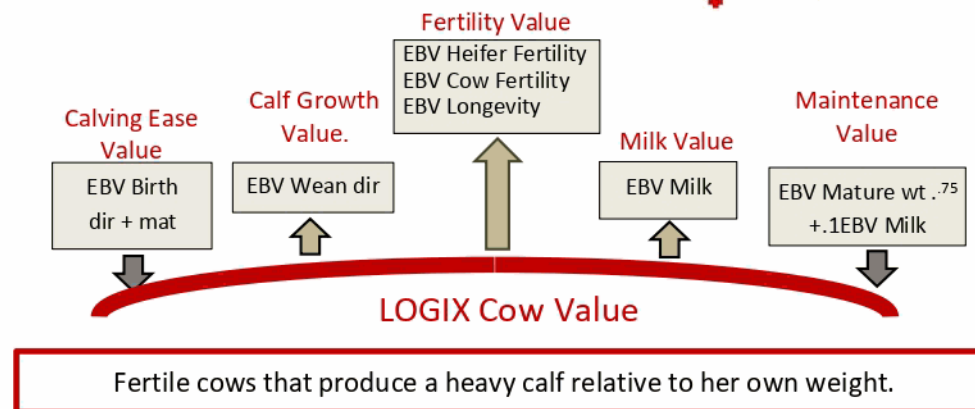
**EBVi (Breeding Value Index):** Genetic potential relative to the average (100) of the live animals in the breed. Roughly 50% of the animals have values between 90 and 110. Values above 100 tend to be in the more favourable direction.

**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.

## LOGIX Cow Value



## Selection Values

### LOGIX Cow Value



Selecting for:

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

### LOGIX Growth Value



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

### LOGIX Production Value



80% LOGIX Cow Value +  
20% LOGIX Growth Value

### LOGIX Carcass Value



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

## How to use the Cow Value

Selection values should be compatible with your selection goal.

### AVERAGE ANIMALS

(NO GROWTH EXTREMES)

- Selection Values 90 to 110
  - Cow Value and Fertility Value average to high
- A safe choice, as animals are profitable in most

### GROWERS

(GOOD ENVIRONMENT)

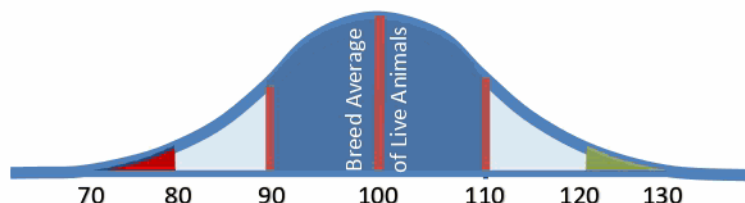
- Calf Growth / Growth Value > 120
  - Cow Value and Fertility Value average to high
- Growers are usually heavier at birth (lower Calving Ease Value), and maturity (lower Maintenance Value).

### LOW- MAINTENANCE ANIMALS

(HARSH ENVIRONMENT)

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

## Interpretation of EBVi and Selection Values

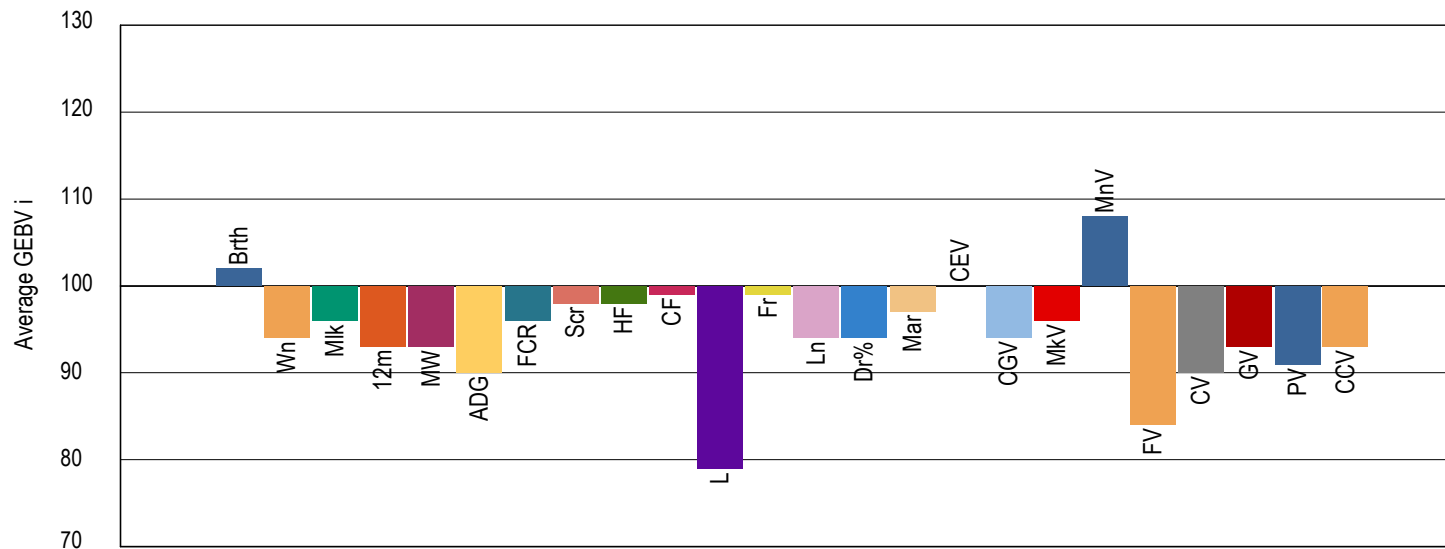


## Examples

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

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

## Herd and Breed Averages



### Genomic Breeding Values (GEBVs):

|       |                       |      |                  |
|-------|-----------------------|------|------------------|
| Brth: | Birth weight          | Scr: | Scrotal circumf. |
| Wn:   | Weaning weight        | HF:  | Heifer Fertility |
| B.m:  | Birth maternal        | CF:  | Cow Fertility    |
| Mlk:  | Milk                  | LL:  | Longevity        |
| 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     | 1.43     | 102       | 1.64      |
|                 | Wean Weight      | 30.8     | 94        | 33.6      |
|                 | Birth Mat.       | 0.44     | 97        | 0.30      |
|                 | Milk (Wn.Mat.)   | 5.4      | 96        | 6.6       |
| Postwean Growth | 12m weight       | 59       | 93        | 65.1      |
|                 | Mature Weight    | 56       | 93        | 65        |
|                 | ADG              | 179      | 90        | 217       |
|                 | FCR              | -93      | 96        | -100      |
| Fertility       | Scrotal Circumf. | 19.5     | 98        | 20.5      |
|                 | Heifer Fertility | -3.2     | 98        | -4.3      |
|                 | Cow Fertility    | -2.0     | 99        | -2.2      |
|                 | Longevity        | 21.0     | 79        | 32.7      |
| Frame           | Frame score      | 0        | 99        | 0         |
|                 | Length           | 44       | 94        | 49        |
| Carcass         | Dressing%        | 0.58     | 94        | 0.69      |
|                 | Marbling         | 0.48     | 97        | 0.71      |

| Selection Value  | Ave. Herd |
|------------------|-----------|
| Calving Ease     | 100       |
| Calf Growth      | 94        |
| Milk             | 96        |
| Maintenance      | 108       |
| Fertility        | 84        |
| Cow Value        | 90        |
| Growth Value     | 93        |
| Production Value | 91        |
| Carcass Value    | 93        |

- 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?:*

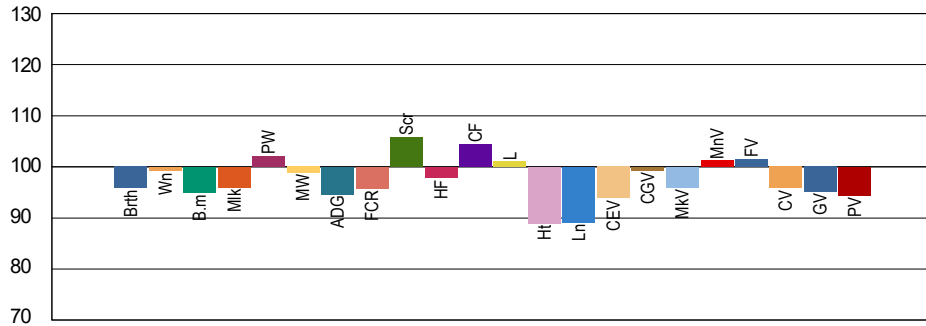
|               |                                                                  |
|---------------|------------------------------------------------------------------|
| Calving ease: | Smaller calf at birth - easier calving                           |
| Calf growth:  | Heavier calves at wean due to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

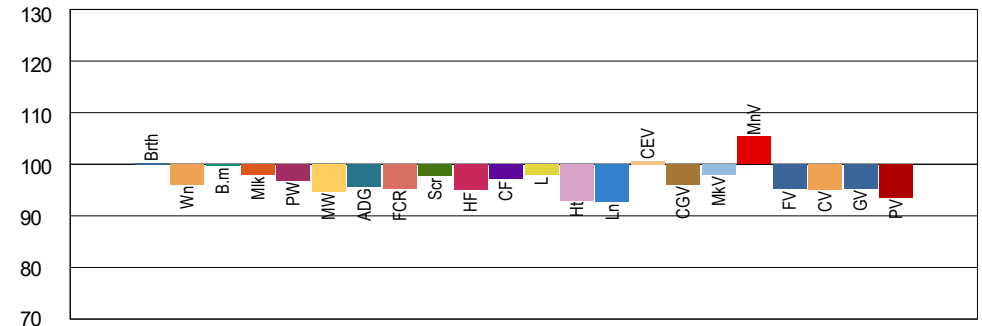
Total: 11



## Cow Herd

Cows born in 2024 and earlier

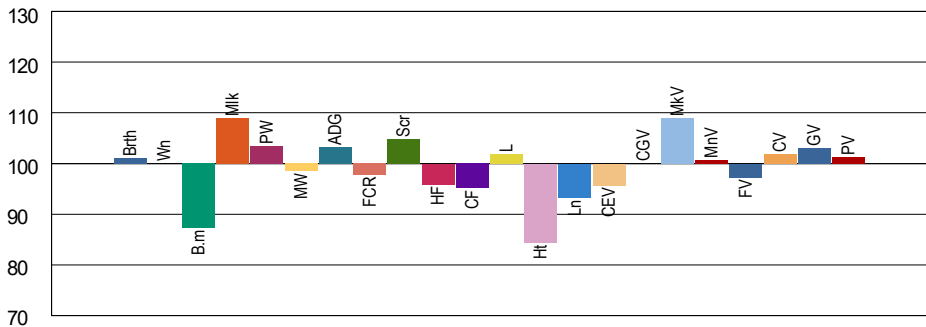
Total: 73



## Sires of young animals

Sires of animals 3 years and younger

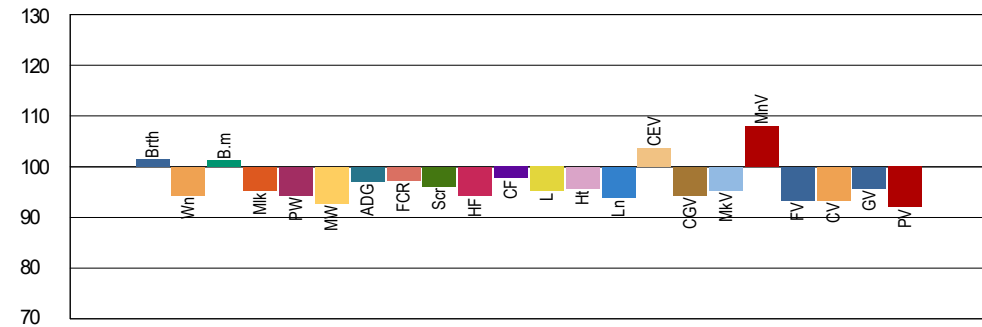
Total: 12



## Cows older than 6 years

Cows born in 2020 and earlier

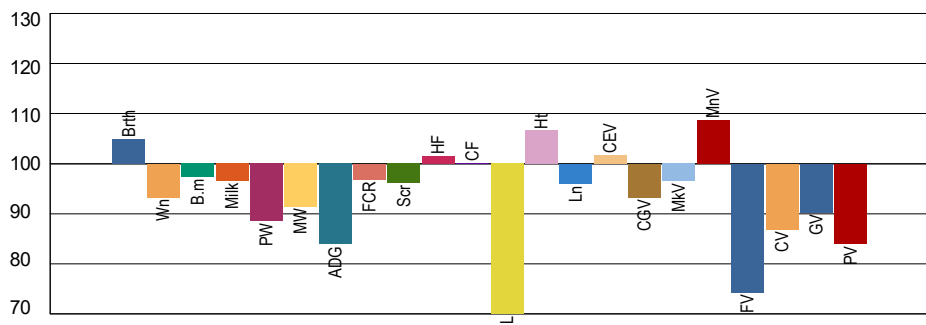
Total: 27



## Bull calves

Bulls born in 2025

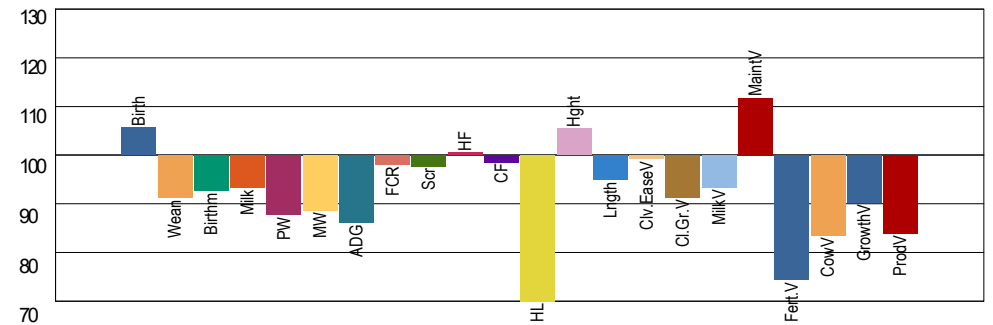
Total: 15



## Heifer calves

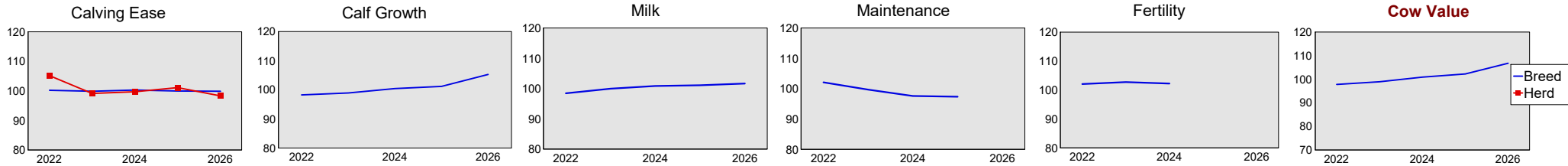
Heifers born in 2025

Total: 21



# Genetic Trends for On-Farm Traits

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



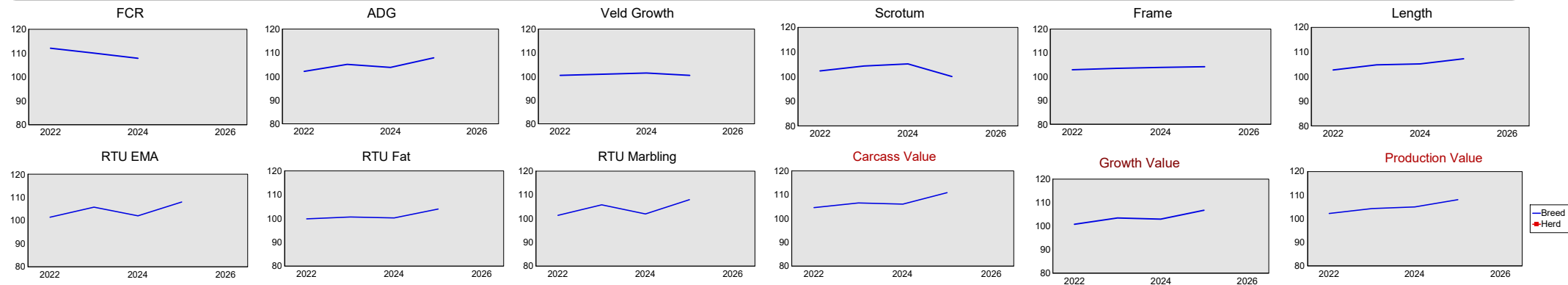
## Herd

| Birth Year | Calving Ease |         |         |            | Calf Growth    |     |             | Milk           |     | Maintenance     |     |               |     | Fertility   |              |     |           |     |           | Cow Value |           |     |
|------------|--------------|---------|---------|------------|----------------|-----|-------------|----------------|-----|-----------------|-----|---------------|-----|-------------|--------------|-----|-----------|-----|-----------|-----------|-----------|-----|
|            | Birth Weight |         | Mat EBV | Calv. Ease | Weaning Weight |     | Calf Growth | Milk (Wn.Mat.) |     | Postwean Weight |     | Mature Weight |     | Maintenance | Heifer Fert. |     | Cow Fert. |     | Longevity |           | Fertility |     |
|            | Number       | Dir EBV |         |            | Number         | EBV |             | Number         | EBV | Number          | EBV | Number        | EBV |             | Number       | EBV | Number    | EBV | Number    |           |           | EBV |
| 2022       | 8            | 1.66    | -0.05   | 105        |                |     |             |                |     |                 |     |               |     |             |              |     |           |     |           |           |           |     |
| 2023       | 28           | 1.89    | 0.21    | 99         |                |     |             |                |     |                 |     |               |     |             |              |     |           |     |           |           |           |     |
| 2024       | 14           | 1.64    | 0.31    | 100        |                |     |             |                |     |                 |     |               |     |             |              |     |           |     |           |           |           |     |
| 2025       | 23           | 1.08    | 0.50    | 101        |                |     |             |                |     |                 |     |               |     |             |              |     |           |     |           |           |           |     |
| 2026       | 18           | 1.31    | 0.58    | 98         |                |     |             |                |     |                 |     |               |     |             |              |     |           |     |           |           |           |     |
|            |              |         |         |            |                |     |             |                |     |                 |     |               |     |             |              |     |           |     |           |           |           |     |

## 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.) |      | Postwean Weight |             | Mature Weight |     | Maintenance | Heifer Fert. |           | Cow Fert. |      | Longevity |      | Fertility |           |        |     |
|            | Number       | Dir EBV |         |            | Number         | EBV  |             | Number         | EBV  | Number          | EBV         | Number        | EBV |             | Number       | EBV       | Number    | EBV  | Number    | EBV  |           |           | 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      | EBVi |                  |                 |               |
| 2022          |        |     |      |        |     |      |             |     |      |         |     |      |        |     |      |         |     |      |               |     |      |                  |      |          |      |                  |                 |               |
| 2023          |        |     |      |        |     |      |             |     |      |         |     |      |        |     |      |         |     |      |               |     |      |                  |      |          |      |                  |                 |               |
| 2024          |        |     |      |        |     |      |             |     |      |         |     |      |        |     |      |         |     |      |               |     |      |                  |      |          |      |                  |                 |               |
| 2025          |        |     |      |        |     |      |             |     |      |         |     |      |        |     |      |         |     |      |               |     |      |                  |      |          |      |                  |                 |               |
| 2026          |        |     |      |        |     |      |             |     |      |         |     |      |        |     |      |         |     |      |               |     |      |                  |      |          |      |                  |                 |               |

## Breed

| Birth<br>Year | Growth |      |      |        |     |      |             |     |      | Frame   |      |      |        |     |      | Carcass |     |      |               |      |      | Selection Values |      |          |      |                 |                 |               |
|---------------|--------|------|------|--------|-----|------|-------------|-----|------|---------|------|------|--------|-----|------|---------|-----|------|---------------|------|------|------------------|------|----------|------|-----------------|-----------------|---------------|
|               | FCR    |      |      | ADG    |     |      | Veld Growth |     |      | Scrotum |      |      | Height |     |      | Length  |     |      | RTU<br>Number | EMA  |      | Fat              |      | Marbling |      | Cracss<br>Value | Growth<br>Value | Prod<br>Value |
|               | Number | EBV  | EBVi | Number | EBV | EBVi | Number      | EBV | EBVi | Number  | EBV  | EBVi | Number | EBV | EBVi | Number  | EBV | EBVi | EBV           | 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   | 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                          |                                                                                   |           |        |                  |               |            |          |             |           |              |             |           |             |          |                |             |         |          |           |             |        |                    |             |      |            |         |             |           |           |             |        |      |         |          |         | Comp.nr     | Birth   | Wean |
| 284F                        |  | 212C      |        | 82               | 109           | 104        | 87       | 105         | 103       | 97           | 101         | 102       | 112         | 79       | 89             | 113         | 109     | 104      | 106       | 105         | 113    | 105                | 69          | 101  | 81         | 107     | 86          | 108       | 112       | 80          | 94     | 146  | 89      | 52       | 141     | 89          | 70      |      |
| Red                         |                                                                                   | 459D      |        | 88               | 93            | 81         | 81       | 78          | 77        | 78           | 77          | 81        | 82          | 3.63     | -0.2           | 77          | 78      | 38       | 7.8       | 18.0        | 147    | 77                 | 237         | -11  | -101       | -0.05   | 23.8        | 2.2       | -3.3      | 39          | -2     | 44   | 7.21    | 0.51     | -3.38   | 1.47        | 11      | 10   |
| RED U2 DOMINION             |                                                                                   |           |        |                  |               |            |          |             |           |              |             |           |             |          |                |             |         |          |           |             |        |                    |             |      |            |         |             |           |           |             |        |      |         |          |         |             |         |      |
| 8105F                       |  | 1352A     |        | 82               | 116           | 113        | 87       | 110         | 116       | 124          | 119         | 129       | 115         | 98       | 85             | 112         | 116     | 113      | 114       | 117         | 126    | 132                | 119         | 125  | 109        | 123     | 106         | 108       | 107       | 117         | 128    | 116  | 106     | 109      | 117     | 4           | 3       |      |
| Red                         |                                                                                   | Z243      |        | 79               | 80            | 77         | 76       | 77          | 70        | 76           | 71          | 76        | 86          | 1.86     | 0.2            | 76          | 80      | 10.9     | 21.2      | 181         | 77     | 338                | 132         | -144 | 0.93       | 30.5    | -6.9        | -3.4      | 36        | 1           | 71     | 4.38 | 2.52    | 1.43     | 1.01    |             |         |      |
| C-BAR WHISKEY RIVER 8105F   |                                                                                   |           |        |                  |               |            |          |             |           |              |             |           |             |          |                |             |         |          |           |             |        |                    |             |      |            |         |             |           |           |             |        |      |         |          |         |             |         |      |
| 8180                        |  | 6305      |        | 123              | 91            | 105        | 111      | 109         | 106       | 86           | 102         | 108       | 93          | 135      | 111            | 88          | 91      | 105      | 100       | 102         | 105    | 84                 | 114         | 72   | 73         | 107     | 100         | 98        | 116       | 53          | 77     | 119  | 154     | 109      | 124     | 252         | 196     |      |
| Red                         |                                                                                   | 1944-5105 |        | 95               | 98            | 93         | 93       | 91          | 85        | 90           | 86          | 94        | 57          | -1.62    | -2.7           | 91          | 98      | 93       | 15.1      | 138         | 69     | 156                | 119         | -52  | -0.35      | 23.7    | -4.2        | -1.9      | 42        | -4          | 31     | 4.65 | 8.40    | 1.45     | 1.15    | 44          | 31      |      |
| 9 MILE ENTERPRISE 8180      |                                                                                   |           |        |                  |               |            |          |             |           |              |             |           |             |          |                |             |         |          |           |             |        |                    |             |      |            |         |             |           |           |             |        |      |         |          |         |             |         |      |
| 911U                        |                                                                                   | 33S       |        | 100              | 102           | 50         | 127      | 115         | 92        | 95           | 91          | 85        | 78          | 81       | 93             | 78          | 102     | 50       | 67        | 69          | 100    | 90                 | 94          | 81   | 108        | 90      | 136         | 112       | 91        | 60          | 72     | 111  | 92      | 116      | 109     | 110         | 99      |      |
| Red                         |                                                                                   | 91        |        | 92               | 95            | 88         | 83       | 64          | 77        | 43           | 70          | 63        | 37          | 3.42     | -0.7           | 64          | 96      | -9.0     | 5.6       | 48          | 34     | 178                | 61          | -67  | 0.91       | 16.0    | -21.1       | -3.8      | 27        | -3          | 27     | 3.87 | 0.86    | 2.05     | 0.86    | 17          | 35      |      |
| RED NORTHLINE ROCKSTAR 911U |                                                                                   |           |        |                  |               |            |          |             |           |              |             |           |             |          |                |             |         |          |           |             |        |                    |             |      |            |         |             |           |           |             |        |      |         |          |         |             |         |      |
| AK 100168                   |                                                                                   | WB 040283 |        | 126              | 87            | 76         | 109      | 70          | 79        | 88           | 77          | 82        | 92          | 108      | 126            | 93          | 87      | 76       | 80        | 74          | 84     | 83                 | 80          | 84   | 99         | 76      | 72          | 74        | 90        | 81          | 74     | 78   | 85      | 97       | 78      | 118         | 106     |      |
| Red                         |                                                                                   | WB 970582 |        | 92               | 95            | 88         | 71       | 69          | 76        | 30           | 67          | 32        | 55          | 0.87     | -4.5           | 46          | 96      | -0.8     | 8.4       | 61          | 50     | 152                | 20          | -73  | 0.59       | 9.8     | 9.0         | 1.2       | 27        | -1          | 28     | 0.71 | -0.01   | 0.42     | 0.26    | 31          | 86      |      |
| GRAND PRIX                  |                                                                                   |           |        |                  |               |            |          |             |           |              |             |           |             |          |                |             |         |          |           |             |        |                    |             |      |            |         |             |           |           |             |        |      |         |          |         |             |         |      |
| AV 150120                   |  | 11X       |        | 95               | 85            | 83         | 101      | 99          | 75        | 103          | 77          | 98        | 95          | 107      | 93             | 100         | 85      | 83       | 84        | 76          | 95     | 97                 | 118         | 98   | 157        | 119     | 103         | 94        | 101       | 80          | 82     | 94   | 117     | 108      | 97      | 216         | 198     |      |
| Red                         |                                                                                   | DW 070573 |        | 95               | 98            | 93         | 91       | 87          | 84        | 86           | 84          | 86        | 59          | 0.94     | -0.6           | 84          | 98      | 1.3      | 9.5       | 66          | 61     | 206                | 130         | -97  | 2.62       | 29.1    | -5.6        | -1.4      | 33        | -2          | 35     | 2.24 | 3.88    | 1.38     | 0.62    | 31          | 88      |      |
| AV150120                    |                                                                                   |           |        |                  |               |            |          |             |           |              |             |           |             |          |                |             |         |          |           |             |        |                    |             |      |            |         |             |           |           |             |        |      |         |          |         |             |         |      |
| AV 170020                   |                                                                                   | R240      |        | 93               | 131           | 94         | 87       | 100         | 124       | 128          | 127         | 123       | 111         | 72       | 98             | 114         | 131     | 94       | 106       | 113         | 127    | 121                | 104         | 123  | 128        | 112     | 89          | 107       | 102       | 134         | 130    | 148  | 101     | 84       | 145     | 95          | 89      |      |
| Red                         |                                                                                   | AV 140019 |        | 87               | 94            | 78         | 69       | 64          | 72        | 60           | 70          | 82        | 81          | 4.26     | -1.2           | 81          | 49      | 4.9      | 19.7      | 171         | 91     | 296                | 90          | -139 | 1.61       | 25.7    | 0.6         | -3.2      | 34        | 3           | 73     | 7.39 | 1.97    | -0.65    | 1.54    | 32          | 12      |      |
| AV170020                    |                                                                                   |           |        |                  |               |            |          |             |           |              |             |           |             |          |                |             |         |          |           |             |        |                    |             |      |            |         |             |           |           |             |        |      |         |          |         |             |         |      |
| AV 190115                   |  | 195D      |        | 105              | 72            | 110        | 135      | 90          | 83        | 65           | 76          | 74        | 72          | 118      | 80             | 67          | 72      | 110      | 97        | 100         | 79     | 67                 | 82          | 61   | 84         | 83      | 99          | 82        | 98        | 49          | 57     | 82   | 110     | 78       | 84      | 79          | 75      |      |
| Red                         |                                                                                   | AV 140051 |        | 93               | 96            | 91         | 90       | 90          | 83        | 90           | 84          | 92        | 29          | -0.06    | 0.9            | 88          | 96      | 9.8      | 13.0      | 133         | 45     | 93                 | 27          | -32  | 0.06       | 12.8    | -3.8        | 0.2       | 31        | -4          | 15     | 1.06 | 3.09    | -1.15    | 0.38    | 20          | 9       |      |
| AV190115                    |                                                                                   |           |        |                  |               |            |          |             |           |              |             |           |             |          |                |             |         |          |           |             |        |                    |             |      |            |         |             |           |           |             |        |      |         |          |         |             |         |      |
| AV 190118                   |                                                                                   | AV 150120 |        | 95               | 94            | 90         | 102      | 101         | 88        | 87           | 85          | 87        | 96          | 97       | 95             | 98          | 94      | 90       | 91        | 88          | 97     | 84                 | 93          | 87   | 131        | 105     | 100         | 99        | 102       | 80          | 79     | 91   | 108     | 97       | 92      | 40          |         |      |
| Red                         |                                                                                   | AV 160032 |        | 77               | 71            | 61         | 57       | 46          | 57        | 37           | 53          | 37        | 61          | 1.92     | -0.9           | 61          | 30      | 3.5      | 12.4      | 101         | 62     | 158                | 56          | -78  | 1.71       | 22.8    | -4.5        | -2.0      | 34        | -2          | 32     | 1.90 | 2.80    | 0.45     | 0.53    |             |         |      |
| AV190118                    |                                                                                   |           |        |                  |               |            |          |             |           |              |             |           |             |          |                |             |         |          |           |             |        |                    |             |      |            |         |             |           |           |             |        |      |         |          |         |             |         |      |
| CP 065056                   |                                                                                   | RAB7249   |        | 108              | 101           | 46         | 120      | 99          | 85        | 76           | 80          | 83        | 86          | 88       | 108            | 84          | 101     | 46       | 64        | 63          | 97     | 84                 | 93          | 87   | 97         | 88      | 96          | 123       | 85        | 88          | 86     | 77   | 75      | 87       | 75      | 100         | 92      |      |
| Red                         |                                                                                   | CP 033994 |        | 93               | 95            | 89         | 74       | 73          | 77        | 28           | 67          | 30        | 48          | 2.73     | -2.4           | 51          | 96      | -10.1    | 4.6       | 32          | 62     | 156                | 57          | -78  | 0.49       | 15.0    | -2.4        | -5.4      | 24        | -1          | 38     | 0.55 | -1.27   | -0.42    | 0.21    | 33          | 91      |      |
| MAESTRO 5056                |                                                                                   |           |        |                  |               |            |          |             |           |              |             |           |             |          |                |             |         |          |           |             |        |                    |             |      |            |         |             |           |           |             |        |      |         |          |         |             |         |      |
| CP 106312                   |                                                                                   | 26P       |        | 120              | 117           | 84         | 103      | 83          | 114       | 117          | 115         | 110       | 101         | 102      | 125            | 99          | 117     | 84       | 95        | 101         | 116    | 115                | 119         | 120  | 101        | 110     | 93          | 99        | 80        | 129         | 128    | 93   | 90      | 88       | 93      | 88          | 72      |      |
| Red                         |                                                                                   | CP 075481 |        | 90               | 94            | 84         | 76       | 73          | 76        | 50           | 71          | 50        | 67          | 1.47     | -4.4           | 68          | 95      | 1.5      | 15.1      | 137         | 80     | 275                | 132         | -134 | 0.65       | 25.1    | -0.8        | -2.2      | 21        | 2           | 72     | 2.16 | 0.58    | -0.28    | 0.55    | 1           | 11      |      |
| MULBERRY 6312               |                                                                                   |           |        |                  |               |            |          |             |           |              |             |           |             |          |                |             |         |          |           |             |        |                    |             |      |            |         |             |           |           |             |        |      |         |          |         |             |         |      |
| CP 116605                   |                                                                                   | 26P       |        | 130              | 90            | 77         | 112      | 81          | 88        | 81           | 84          | 83        | 89          | 124      | 124            | 90          | 90      | 77       | 81        | 78          | 93     | 85                 | 105         | 85   | 94         | 89      | 78          | 103       | 84        | 83          | 88     | 81   | 98      | 96       | 81      | 109         | 79      |      |
| Red                         |                                                                                   | CP 033901 |        | 91               | 94            | 86         | 76       | 73          | 77        | 50           | 72          | 50        | 52          | -0.59    | -4.3           | 52          | 28      | -0.4     | 9.1       | 72          | 58     | 160                | 93          | -74  | 0.39       | 15.6    | 5.9         | -2.6      | 24        | -1          | 40     | 0.95 | 1.55    | 0.33     | 0.34    | 24          | 53      |      |
| MULBERRY 6605               |                                                                                   |           |        |                  |               |            |          |             |           |              |             |           |             |          |                |             |         |          |           |             |        |                    |             |      |            |         |             |           |           |             |        |      |         |          |         |             |         |      |
| CP 116627                   |                                                                                   | 6347      |        | 88               | 100           | 58         | 113      | 105         | 82        | 96           | 82          | 92        | 57          | 96       | 83             | 90          | 100     | 58       | 72        | 70          | 96     | 98                 | 74          | 99   | 104        | 102     | 119         | 106       | 91        | 106         | 96     | 86   | 89      | 111      | 86      | 49          | 43      |      |
| Black                       |                                                                                   | CP 034108 |        | 87               | 91            | 82         | 68       | 64          | 72        | 42           | 66          | 38        | 63          | 1.98     | 0.5            | 44          | 34      | -6.6     | 6.8       | 52          | 49     | 210                | 3           | -99  | 0.75       | 21.2    | -13.0       | -3.1      | 28        | 0           | 46     | 1.48 | 0.53    | 1.65     | 0.42    | 13          | 42      |      |
| HIT LIST 6627               |                                                                                   |           |        |                  |               |            |          |             |           |              |             |           |             |          |                |             |         |          |           |             |        |                    |             |      |            |         |             |           |           |             |        |      |         |          |         |             |         |      |

# 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 |
| CP 137253                    |                                                                                   | 11X               | 124              | 102           | 95         | 101      | 85          | 104       | 94           | 101         | 88        | 101         | 128      | 118            | 99          | 102     | 95       | 97        | 98                 | 102    | 92  | 97          | 92   | 122        | 98      | 92          | 79        | 97        | 97          | 94      | 95    | 82    | 82       | 93      | 110         | 93   |
| Red                          |                                                                                   | CP 085776         | 92               | 95            | 88         | 70       | 71          | 76        | 40           | 69          | 39        | 67          | -1.01    | -3.6           | 60          | 35      | 4.9      | 14.8      | 128                | 67     | 187 | 68          | -85  | 1.38       | 19.6    | -0.4        | 0.6       | 31        | 0           | 44      | 2.29  | -0.34 | -0.86    | 0.55    | 29          | 7    |
| HONKY TONK 7253              |                                                                                   |                   |                  |               |            |          |             |           |              |             |           | 53          | 96       | 84             | 70          | 95      | 88       |           | 84                 | 89     | 46  | 31          | 32   | 53         | 51      | 76          | 47        | 90        | 49          | 44      | 37    | 41    | 37       | 39      |             |      |
| E 180213                     |                                                                                   | 1441              | 98               | 97            | 77         | 91       | 107         | 87        | 124          | 92          | 118       | 105         | 108      | 101            | 111         | 97      | 77       | 84        | 78                 | 107    | 131 | 117         | 118  | 86         | 102     | 87          | 130       | 100       | 92          | 106     | 117   | 108   | 101      | 118     | 107         | 75   |
| Black                        |                                                                                   | E 130336          | 89               | 93            | 79         | 82       | 56          | 73        | 42           | 67          | 48        | 73          | 0.91     | -1.6           | 76          | 32      | -0.4     | 10.5      | 73                 | 71     | 334 | 126         | -131 | 0.13       | 21.4    | 1.9         | -6.3      | 32        | -1          | 53      | 4.46  | 2.76  | 0.75     | 1.02    | 17          | 22   |
| RAGNAROK                     |                                                                                   |                   |                  |               |            |          |             |           |              |             |           | 48          | 96       | 86             | 82          | 93      | 79       | 85        |                    | 63     | 49  | 21          | 33   | 50         | 51      | 54          | 35        | 80        | 51          | 48      | 46    | 49    | 46       | 48      |             |      |
| FW 210021                    |                                                                                   | 055 JLG           | 90               | 101           | 123        | 115      | 74          | 103       | 94           | 101         | 95        | 89          | 74       | 78             | 83          | 101     | 123      | 116       | 127                | 101    | 97  | 86          | 99   | 104        | 118     | 77          | 63        | 100       | 96          | 87      | 76    | 108   | 108      | 78      | 9           | 9    |
| Red                          |                                                                                   | FW 130032         | 72               | 79            | 62         | 54       | 45          | 58        | 42           | 55          | 58        | 52          | 4.09     | 1.1            | 40          | 34      | 13.8     | 20.5      | 210                | 66     | 205 | 36          | -99  | 0.74       | 28.7    | 6.4         | 2.8       | 33        | 0           | 39      | 0.47  | 2.75  | 1.34     | 0.28    | 4           | 2    |
| FW210021                     |                                                                                   |                   |                  |               |            |          |             |           |              |             |           | 31          | 82       | 65             | 54          | 79      | 62       | 65        |                    | 72     | 70  | 29          | 13   | 81         | 78      | 47          | 24        | 63        | 75          | 67      | 55    | 62    | 55       | 58      |             |      |
| FW 220031                    |                                                                                   | DUA 17G           | 89               | 109           | 96         | 103      | 118         | 110       | 103          | 108         | 119       | 107         | 88       | 91             | 97          | 109     | 96       | 100       | 105                | 105    | 102 | 66          | 95   | 118        | 115     | 117         | 113       | 108       | 92          | 92      | 109   | 146   | 87       | 115     | 5           | 3    |
| Red                          |                                                                                   | FW 110010         | 70               | 75            | 62         | 57       | 43          | 56        | 41           | 53          | 63        | 75          | 2.77     | -0.4           | 58          | 38      | 5.5      | 16.3      | 149                | 70     | 225 | -19         | -91  | 1.26       | 27.1    | -12.1       | -4.0      | 37        | -1          | 43      | 3.68  | 7.44  | -0.37    | 0.97    |             |      |
| FW220031                     |                                                                                   |                   |                  |               |            |          |             |           |              |             |           | 32          | 79       | 65             | 57          | 75      | 62       | 65        |                    | 65     | 66  | 89          | 14   | 77         | 73      | 47          | 23        | 60        | 71          | 64      | 59    | 67    | 59       | 63      |             |      |
| GT 110493                    |                                                                                   | GT 060086         | 76               | 102           | 102        | 103      | 64          | 84        | 73           | 79          | 89        | 96          | 66       | 66             | 96          | 102     | 102      | 102       | 104                | 96     | 76  | 85          | 71   | 103        | 73      | 91          | 70        | 71        | 89          | 87      | 47    | 120   | 139      | 53      | 47          | 25   |
| Black                        |                                                                                   | GT 980375         | 81               | 86            | 70         | 65       | 54          | 65        | 47           | 61          | 65        | 61          | 4.82     | 2.5            | 57          | 34      | 7.2      | 16.3      | 145                | 62     | 125 | 33          | -50  | 0.71       | 8.4     | 0.1         | 1.8       | 17        | -1          | 39      | -2.30 | 4.31  | 4.01     | -0.20   | 12          | 3    |
| GT110493                     |                                                                                   |                   |                  |               |            |          |             |           |              |             |           | 30          | 92       | 75             | 65          | 86      | 70       | 74        |                    | 69     | 70  | 22          | 19   | 82         | 79      | 47          | 30        | 84        | 77          | 70      | 61    | 69    | 62       | 65      |             |      |
| KCM 160069                   |  | 1441              | 89               | 100           | 122        | 97       | 114         | 109       | 119          | 111         | 116       | 101         | 106      | 71             | 101         | 100     | 122      | 115       | 116                | 116    | 121 | 116         | 113  | 86         | 99      | 115         | 114       | 101       | 95          | 102     | 110   | 125   | 117      | 113     | 121         | 95   |
| Black                        |                                                                                   | KCM 100020        | 94               | 96            | 92         | 93       | 90          | 84        | 86           | 84          | 86        | 67          | 1.03     | 2.0            | 63          | 34      | 13.6     | 20.2      | 179                | 80     | 297 | 122         | -122 | 0.12       | 20.0    | -11.5       | -4.1      | 33        | 0           | 51      | 3.77  | 4.91  | 2.11     | 0.93    | 21          | 53   |
| RESOLUTION 669               |                                                                                   |                   |                  |               |            |          |             |           |              |             |           | 87          | 97       | 94             | 93          | 96      | 92       | 94        |                    | 88     | 87  | 86          | 86   | 87         | 87      | 89          | 87        | 93        | 87          | 87      | 86    | 87    | 86       | 86      |             |      |
| KCM 210009                   |                                                                                   | 0256              | 103              | 94            | 126        | 96       | 107         | 108       | 100          | 106         | 107       | 106         | 107      | 102            | 101         | 94      | 126      | 115       | 115                | 98     | 100 | 106         | 92   | 79         | 99      | 114         | 107       | 96        | 69          | 89      | 105   | 126   | 125      | 108     | 36          | 12   |
| Black                        |                                                                                   | KCM 090031        | 75               | 77            | 62         | 60       | 47          | 59        | 31           | 53          | 42        | 74          | 1.02     | -1.8           | 63          | 31      | 14.9     | 20.2      | 176                | 63     | 217 | 95          | -86  | -0.14      | 20.2    | -10.8       | -3.2      | 31        | -2          | 40      | 3.28  | 5.03  | 2.85     | 0.84    |             |      |
| CHARMER 109                  |                                                                                   |                   |                  |               |            |          |             |           |              |             |           | 33          | 88       | 69             | 60          | 77      | 62       | 66        |                    | 48     | 43  | 14          | 18   | 47         | 45      | 47          | 28        | 66        | 45          | 42      | 40    | 43    | 40       | 42      |             |      |
| KHC 060114                   |                                                                                   | WB 020103         | 119              | 91            | 80         | 115      | 87          | 88        | 83           | 85          | 83        | 89          | 106      | 115            | 87          | 91      | 80       | 84        | 82                 | 92     | 85  | 101         | 88   | 103        | 117     | 93          | 120       | 71        | 76          | 72      | 82    | 110   | 97       | 84      | 38          | 29   |
| Red                          |                                                                                   | CP 972290         | 89               | 90            | 86         | 77       | 66          | 74        | 53           | 70          | 41        | 52          | 1.05     | -3.3           | 44          | 29      | 0.4      | 9.9       | 84                 | 57     | 159 | 81          | -79  | 0.73       | 28.1    | -1.1        | -5.0      | 17        | -2          | 27      | 1.02  | 3.07  | 0.48     | 0.38    | 4           | 17   |
| KHC06114                     |                                                                                   |                   |                  |               |            |          |             |           |              |             |           | 44          | 92       | 85             | 77          | 90      | 86       | 84        |                    | 82     | 69  | 52          | 36   | 76         | 74      | 67          | 45        | 85        | 72          | 66      | 38    | 44    | 39       | 41      |             |      |
| L107                         |                                                                                   | 994203            | 95               | 92            | 81         | 116      | 95          | 84        | 114          | 88          | 97        | 94          | 103      | 86             | 86          | 92      | 81       | 85        | 84                 | 102    | 117 | 101         | 112  | 103        | 125     | 129         | 105       | 69        | 101         | 94      | 114   | 95    | 75       | 112     | 151         | 110  |
| Red                          |                                                                                   | HR80J             | 94               | 96            | 91         | 85       | 74          | 80        | 62           | 76          | 62        | 58          | 1.34     | 0.2            | 43          | 30      | 0.6      | 10.2      | 89                 | 67     | 280 | 80          | -120 | 0.70       | 31.4    | -18.0       | -2.9      | 16        | 0           | 44      | 4.13  | 1.19  | -1.46    | 0.92    | 10          | 38   |
| RED BJR AH BRANDED BEEF L107 |                                                                                   |                   |                  |               |            |          |             |           |              |             |           | 78          | 97       | 91             | 85          | 96      | 91       | 91        |                    | 89     | 78  | 74          | 44   | 85         | 83      | 76          | 52        | 94        | 81          | 75      | 59    | 65    | 59       | 62      |             |      |
| LB 110014                    |                                                                                   | LB 080016         | 77               | 119           | 106        | 85       | 64          | 100       | 88           | 96          | 87        | 112         | 56       | 73             | 115         | 119     | 106      | 110       | 112                | 118    | 91  | 109         | 111  | 99         | 85      | 79          | 93        | 64        | 109         | 95      | 103   | 74    | 109      | 100     | 41          | 36   |
| Red                          |                                                                                   | LB 080019         | 79               | 89            | 64         | 55       | 50          | 63        | 63           | 63          | 72        | 82          | 5.75     | 1.6            | 80          | 43      | 8.7      | 20.1      | 168                | 82     | 182 | 103         | -120 | 0.59       | 14.0    | 5.6         | -1.3      | 13        | 1           | 45      | 3.12  | -1.30 | 1.48     | 0.68    | 15          | 1    |
| LABEL                        |                                                                                   |                   |                  |               |            |          |             |           |              |             |           | 43          | 91       | 70             | 55          | 89      | 64       | 69        |                    | 81     | 73  | 19          | 51   | 83         | 80      | 44          | 24        | 83        | 78          | 70      | 69    | 74    | 69       | 72      |             |      |
| NLA 210003                   |                                                                                   | 6846              | 100              | 119           | 94         | 91       | 100         | 115       | 117          | 116         | 121       | 112         | 104      | 103            | 109         | 119     | 94       | 102       | 106                | 118    | 117 | 103         | 108  | 75         | 104     | 99          | 98        | 103       | 77          | 100     | 119   | 125   | 126      | 121     | 5           | 5    |
| Black                        |                                                                                   | NLA 120002        | 68               | 69            | 55         | 49       | 41          | 52        | 43           | 50          | 48        | 82          | 1.27     | -1.8           | 73          | 43      | 4.7      | 17.5      | 150                | 83     | 282 | 87          | -113 | -0.29      | 22.4    | -3.7        | -1.9      | 34        | -2          | 49      | 4.62  | 4.83  | 2.88     | 1.09    |             |      |
| GRIP 2103                    |                                                                                   |                   |                  |               |            |          |             |           |              |             |           | 34          | 78       | 61             | 49          | 69      | 55       | 58        |                    | 54     | 51  | 19          | 34   | 52         | 53      | 46          | 23        | 55        | 52          | 49      | 47    | 50    | 47       | 48      |             |      |
| P27                          |                                                                                   | 806               | 90               | 101           | 116        | 102      | 68          | 95        | 142          | 104         | 130       | 101         | 99       | 88             | 96          | 101     | 116      | 111       | 115                | 118    | 146 | 129         | 136  | 98         | 141     | 78          | 71        | 84        | 122         | 118     | 132   | 107   | 115      | 132     | 184         | 121  |
| Red                          |                                                                                   | 106               | 96               | 96            | 93         | 87       | 77          | 81        | 44           | 74          | 56        | 68          | 1.70     | 0.0            | 57          | 34      | 11.8     | 19.2      | 175                | 82     | 390 | 162         | -162 | 0.55       | 38.9    | 6.0         | 1.6       | 24        | 2           | 63      | 5.89  | 2.63  | 2.02     | 1.29    | 2           | 55   |
| LJC MISSION STATEMENT P27    |                                                                                   |                   |                  |               |            |          |             |           |              |             |           | 77          | 98       | 93             | 87          | 96      | 93       | 92        |                    | 90     | 69  | 33          | 17   | 77         | 75      | 82          | 55        | 95        | 74          | 68      | 54    | 58    | 54       | 56      |             |      |
| R240                         |                                                                                   | B152              | 100              | 97            | 116        | 109      | 101         | 106       | 125          | 110         | 132       | 96          | 104      | 93             | 89          | 97      | 116      | 110       | 115                | 110    | 127 | 102         | 127  | 108        | 127     | 90          | 111       | 101       | 125         | 120     | 131   | 148   | 90       | 136     | 487         | 351  |
| Red                          |                                                                                   | B111              | 98               | 99            | 97         | 95       | 85          | 85        | 76           | 83          | 90        | 61          | 1.22     | -0.7           | 47          | 32      | 11.7     | 18.5      | 176                | 74     | 320 | 82          | -147 | 0.91       | 32.4    | 0.2         | -3.8      | 33        | 2           | 65      | 5.82  | 7.68  | -0.16    | 1.37    | 59          | 139  |
| ANDRAS NEW DIRECTION R240    |                                                                                   |                   |                  |               |            |          |             |           |              |             |           | 91          | 99       | 97             | 95          | 99      | 97       | 97        |                    | 96     | 92  | 74          | 58   | 94         | 95      | 90          | 67        | 98        | 94          | 92      | 89    | 92    | 90       | 90      |             |      |

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      |
| RK 150094<br>Red<br>FRANKLIN            |         | W384<br>RK 110019       | 99<br>79         | 101<br>83     | 98<br>71   | 109<br>68 | 101<br>53   | 103<br>65 | 109<br>52    | 103<br>62   | 113<br>51 | 97<br>62    | 99<br>1.70   | 95<br>-0.9     | 91<br>50    | 101<br>34 | 98<br>6.1   | 99<br>15.5  | 104<br>144         | 108<br>73 | 115<br>274 | 95<br>62    | 112<br>-120 | 116<br>1.16 | 107<br>23.7 | 86<br>2.2    | 104<br>-2.8 | 108<br>37 | 102<br>0    | 112<br>58 | 108<br>3.55 | 120<br>4.28 | 117<br>2.12 | 110<br>0.88 | 13<br>2     | 11<br>4   |
| RK 160078<br>Red<br>VICE VERSA          |         | MLR 120584<br>RL 100926 | 126<br>72        | 88<br>83      | 85<br>56   | 108<br>52 | 96<br>43    | 91<br>57  | 95<br>62     | 90<br>58    | 96<br>56  | 90<br>53    | 125<br>-0.72 | 119<br>-3.7    | 93<br>53    | 88<br>28  | 85<br>2.1   | 86<br>10.6  | 82<br>84           | 81<br>47  | 106<br>242 | 84<br>31    | 108<br>-113 | 97<br>0.49  | 104<br>22.5 | 97<br>-2.9   | 119<br>-4.8 | 84<br>24  | 130<br>2    | 101<br>50 | 93<br>2.10  | 97<br>1.41  | 134<br>3.63 | 93<br>0.55  | 27<br>1     | 18<br>2   |
| RK 160083<br>Red<br>VICTOR              |         | MLR 120584<br>RK 120020 | 98<br>74         | 85<br>86      | 83<br>60   | 103<br>62 | 93<br>46    | 74<br>61  | 98<br>63     | 76<br>61    | 93<br>58  | 98<br>63    | 102<br>1.43  | 97<br>-1.2     | 98<br>59    | 85<br>26  | 83<br>1.2   | 84<br>9.4   | 76<br>67           | 89<br>55  | 100<br>219 | 103<br>86   | 95<br>-90   | 122<br>1.39 | 62<br>3.6   | 94<br>-1.4   | 109<br>-3.4 | 87<br>26  | 91<br>-1    | 89<br>40  | 74<br>0.26  | 107<br>2.65 | 110<br>1.55 | 76<br>0.24  | 30<br>3     | 27<br>6   |
| RK 170031<br>Red<br>BILLIONAIRE         |         | AC 140022<br>FW 110020  | 87<br>70         | 121<br>79     | 117<br>55  | 79<br>50  | 80<br>44    | 113<br>56 | 119<br>44    | 115<br>54   | 123<br>64 | 123<br>96   | 80<br>3.54   | 98<br>-1.2     | 121<br>88   | 121<br>44 | 117<br>11.9 | 118<br>22.6 | 119<br>185         | 125<br>89 | 118<br>284 | 108<br>100  | 113<br>-133 | 110<br>0.98 | 114<br>26.9 | 84<br>3.2    | 82<br>0.2   | 91<br>28  | 124<br>2    | 124<br>68 | 124<br>5.11 | 101<br>2.00 | 110<br>1.58 | 123<br>1.13 | 13<br>4     | 10<br>10  |
| RK 200008<br>Red<br>ZIPPO               |         | RK 150033<br>RK 170044  | 95<br>70         | 111<br>79     | 100<br>53  | 92<br>48  | 81<br>41    | 102<br>55 | 102<br>48    | 101<br>54   | 107<br>60 | 110<br>79   | 100<br>1.60  | 99<br>-1.4     | 108<br>72   | 111<br>39 | 100<br>6.6  | 104<br>17.4 | 105<br>147         | 109<br>73 | 99<br>215  | 79<br>16    | 94<br>-90   | 121<br>1.35 | 95<br>18.1  | 73<br>8.2    | 74<br>1.3   | 106<br>36 | 78<br>-2    | 94<br>44  | 130<br>5.68 | 106<br>2.60 | 123<br>2.63 | 129<br>1.23 | 25<br>40    | 12<br>87  |
| RK 200063<br>Red<br>MAXIMUS             |         | 055 JLG<br>FW 100082    | 89<br>74         | 108<br>83     | 106<br>59  | 87<br>54  | 76<br>44    | 97<br>59  | 121<br>43    | 101<br>56   | 112<br>62 | 113<br>83   | 76<br>3.86   | 95<br>-0.8     | 112<br>57   | 108<br>38 | 106<br>8.4  | 107<br>18.2 | 106<br>149         | 111<br>75 | 107<br>243 | 100<br>77   | 106<br>-110 | 100<br>0.62 | 123<br>30.9 | 69<br>10.0   | 77<br>0.9   | 99<br>32  | 92<br>-1    | 100<br>49 | 83<br>1.18  | 94<br>1.04  | 113<br>1.83 | 84<br>0.39  | 23<br>44    | 17<br>76  |
| SV 110175<br>Black<br>HEAVY             |         | 0035<br>SV 080084       | 119<br>81        | 99<br>75      | 84<br>73   | 103<br>70 | 98<br>56    | 99<br>64  | 80<br>43     | 94<br>60    | 102<br>44 | 99<br>65    | 109<br>0.79  | 118<br>-3.6    | 98<br>59    | 99<br>33  | 84<br>1.7   | 89<br>12.2  | 88<br>102          | 93<br>58  | 85<br>162  | 82<br>25    | 84<br>-72   | 80<br>-0.10 | 111<br>25.5 | 112<br>-10.2 | 105<br>-2.9 | 84<br>24  | 80<br>-2    | 87<br>38  | 98<br>2.61  | 118<br>4.05 | 109<br>1.47 | 100<br>0.70 | 23<br>51    | 19<br>76  |
| W384<br>Red<br>BIEBER ROOSEVELT W384    |         | 10712<br>9602           | 111<br>92        | 113<br>94     | 111<br>88  | 109<br>70 | 86<br>67    | 120<br>75 | 100<br>70    | 117<br>74   | 113<br>71 | 90<br>53    | 96<br>2.04   | 112<br>-2.8    | 89<br>48    | 113<br>40 | 111<br>10.2 | 112<br>20.1 | 124<br>200         | 108<br>73 | 104<br>234 | 89<br>45    | 105<br>-108 | 89<br>0.23  | 107<br>23.8 | 79<br>5.4    | 99<br>-2.0  | 94<br>29  | 97<br>0     | 112<br>58 | 121<br>4.83 | 121<br>4.44 | 96<br>0.34  | 122<br>1.11 | 86<br>12    | 73<br>24  |
| WAF351U<br>Red<br>RED WAF CACHAFAZ 351U |         | 7031P<br>269            | 114<br>86        | 75<br>89      | 103<br>80  | 142<br>78 | 84<br>56    | 86<br>71  | 91<br>50     | 84<br>67    | 83<br>64  | 65<br>20    | 99<br>1.77   | 100<br>-1.5    | 62<br>13    | 75<br>21  | 103<br>7.6  | 94<br>12.0  | 98<br>129          | 79<br>45  | 91<br>184  | 72<br>-3    | 84<br>-72   | 80<br>1.57  | 81<br>12.1  | 91<br>-3.4   | 72<br>-0.5  | 84<br>25  | 60<br>-3    | 66<br>22  | 100<br>2.77 | 105<br>2.45 | 128<br>3.10 | 100<br>0.68 | 47<br>11    | 39<br>14  |
| WB 080071<br>Red<br>WARCRY              |         | WB 010312<br>WB 050353  | 90<br>90         | 120<br>92     | 93<br>87   | 92<br>82  | 97<br>71    | 111<br>76 | 106<br>62    | 110<br>73   | 106<br>67 | 105<br>73   | 88<br>2.75   | 97<br>-1.1     | 108<br>72   | 120<br>44 | 93<br>4.4   | 102<br>17.5 | 106<br>152         | 117<br>81 | 105<br>237 | 109<br>102  | 106<br>-110 | 112<br>1.03 | 126<br>32.2 | 87<br>1.9    | 118<br>-4.6 | 93<br>29  | 115<br>1    | 114<br>60 | 104<br>3.13 | 71<br>-1.71 | 91<br>-0.07 | 100<br>0.69 | 68<br>12    | 55<br>19  |
| WB 090105<br>Red<br>BAZOOKA             |         | HFX540R<br>WB 050356    | 86<br>96         | 82<br>97      | 85<br>94   | 120<br>91 | 82<br>80    | 70<br>83  | 111<br>58    | 74<br>78    | 97<br>92  | 81<br>41    | 95<br>2.09   | 75<br>1.4      | 82<br>91    | 82<br>25  | 85<br>2.0   | 84<br>9.6   | 81<br>80           | 90<br>56  | 116<br>279 | 71<br>-7    | 114<br>-123 | 113<br>1.07 | 96<br>18.5  | 78<br>5.8    | 90<br>-0.9  | 94<br>29  | 105<br>0    | 109<br>56 | 118<br>4.56 | 66<br>-2.30 | 89<br>-0.22 | 113<br>0.93 | 174<br>36   | 142<br>49 |
| WB 110293<br>Red<br>GUNSLINGER          |         | HFX540R<br>WB 030270    | 109<br>90        | 87<br>91      | 60<br>84   | 118<br>82 | 84<br>67    | 72<br>75  | 74<br>64     | 68<br>73    | 93<br>70  | 84<br>45    | 106<br>1.09  | 102<br>-1.7    | 86<br>43    | 87<br>27  | 60<br>-6.0  | 69<br>5.1   | 63<br>31           | 88<br>54  | 74<br>118  | 104<br>89   | 71<br>-49   | 118<br>1.26 | 108<br>24.1 | 112<br>-9.8  | 106<br>-3.0 | 63<br>12  | 73<br>-2    | 79<br>32  | 74<br>0.28  | 87<br>0.21  | 95<br>0.25  | 74<br>0.20  | 82<br>22    | 49<br>15  |
| WB 130316<br>Red<br>GUNFIRE             |         | WB 090105<br>WB 060261  | 109<br>86        | 88<br>86      | 92<br>79   | 95<br>80  | 93<br>61    | 84<br>71  | 137<br>45    | 92<br>66    | 125<br>69 | 103<br>70   | 120<br>-0.26 | 106<br>-2.1    | 106<br>69   | 88<br>28  | 92<br>4.2   | 91<br>12.0  | 83<br>87           | 93<br>59  | 132<br>339 | 124<br>146  | 125<br>-143 | 118<br>1.26 | 109<br>24.5 | 95<br>-1.9   | 98<br>-1.9  | 94<br>29  | 108<br>1    | 117<br>63 | 148<br>7.38 | 106<br>2.50 | 123<br>2.65 | 145<br>1.55 | 32<br>10    | 21<br>23  |
| WE 140012<br>Black<br>WE1412            |         | R001<br>HR 060255       | 93<br>69         | 95<br>68      | 132<br>64  | 106<br>61 | 106<br>47   | 110<br>56 | 101<br>24    | 108<br>50   | 101<br>22 | 93<br>57    | 101<br>1.53  | 88<br>0.0      | 91<br>50    | 95<br>31  | 132<br>16.6 | 120<br>21.5 | 126<br>205         | 96<br>61  | 103<br>227 | 59<br>-40   | 96<br>-92   | 77<br>-0.21 | 96<br>18.6  | 110<br>-9.2  | 119<br>-4.8 | 89<br>27  | 97<br>0     | 99<br>48  | 96<br>2.36  | 112<br>3.26 | 107<br>1.32 | 97<br>0.64  | 5<br>2      | 3<br>6    |

Sires

| Bull                |                                                                                   |                   |         | Selection Values |               |            |          |             |           |              |             |           | Birth       |          |                | Wean        |         |          |           |             | Grwth & Adaptation |     |             |     |             | Fertility |             |           |           | Frame       |        | Carcass |      |          |         | Progeny              |    |   |
|---------------------|-----------------------------------------------------------------------------------|-------------------|---------|------------------|---------------|------------|----------|-------------|-----------|--------------|-------------|-----------|-------------|----------|----------------|-------------|---------|----------|-----------|-------------|--------------------|-----|-------------|-----|-------------|-----------|-------------|-----------|-----------|-------------|--------|---------|------|----------|---------|----------------------|----|---|
| Index<br>EBV<br>Acc | Genomic                                                                           | Sire ID<br>Dam ID | Comp.nr | 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          |    |   |
| Birth               |                                                                                   |                   |         |                  |               |            |          |             |           |              |             |           |             |          |                |             |         |          |           |             |                    |     |             |     |             |           |             |           |           |             |        |         |      |          |         | Wean                 |    |   |
| Grwth Test          |                                                                                   |                   |         |                  |               |            |          |             |           |              |             |           |             |          |                |             |         |          |           |             |                    |     |             |     |             |           |             |           |           |             |        |         |      |          |         | Dght&clv<br>(Weaned) |    |   |
| WE 190029           |  | 195D              |         | 113              | 79            | 151        | 113      | 89          | 104       | 81           | 99          | 97        | 88          | 136      | 82             | 83          | 79      | 151      | 127       | 132         | 90                 | 82  | 104         | 75  | 130         | 91        | 95          | 77        | 102       | 76          | 86     | 105     | 107  | 102      | 105     | 90                   | 82 |   |
| Red WE190029        |                                                                                   | WE 160007         |         | 95               | 96            | 93         | 92       | 91          | 84        | 92           | 86          | 92        | 51          | -1.74    | 0.7            | 39          | 23      | 22.5     | 22.6      | 224         | 56                 | 149 | 88          | -56 | 1.66        | 16.4      | -1.9        | 0.9       | 34        | -2          | 38     | 3.28    | 2.62 | 0.85     | 0.79    | 18                   | 5  | 8 |
|                     |                                                                                   |                   |         |                  |               |            |          |             |           |              |             |           | 90          | 97       | 94             | 92          | 96      | 93       |           | 94          | 94                 | 93  | 92          | 90  | 94          | 94        | 91          | 90        | 93        | 94          | 93     | 92      | 93   | 93       | 92      |                      |    |   |
| WO 170019           |  | E 130283          |         | 100              | 95            | 108        | 97       | 94          | 96        | 104          | 96          | 105       | 104         | 103      | 101            | 102         | 95      | 108      | 104       | 102         | 99                 | 106 | 111         | 99  | 102         | 95        | 91          | 100       | 96        | 105         | 108    | 96      | 105  | 106      | 97      | 27                   | 19 |   |
| Black WO170019      |                                                                                   | RAT 140405        |         | 69               | 79            | 48         | 44       | 42          | 53        | 32           | 49          | 37        | 72          | 1.39     | -1.6           | 64          | 31      | 9.1      | 16.5      | 138         | 64                 | 238 | 109         | -99 | 0.67        | 18.4      | 0.0         | -2.2      | 31        | 0           | 55     | 2.39    | 2.45 | 1.23     | 0.63    |                      |    |   |
|                     |                                                                                   |                   |         |                  |               |            |          |             |           |              |             |           | 36          | 87       | 59             | 44          | 79      | 48       |           | 57          | 72                 | 39  | 32          | 26  | 37          | 40        | 37          | 28        | 61        | 39          | 38     | 36      | 38   | 36       | 37      |                      |    |   |

# 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    | Veld growth | FCR     | Skin Thickn | Scrotum   | Heifer Fert | Cow Fert. | Longevity | Frame score | Length | EMA     | Fat     | Marbling | Dress % |         |
|                                       |              |                         | Sire ID<br>Dam ID                |                 |               |            |          |             |           |              |             |           |              |          |                |              |         |          |          |             |                     |        |             |         |             |           |             |           |           |             |        |         |         |          |         |         |
| AV 190118<br>Red<br>AV190118          |              | AV 150120<br>AV 160032  |                                  | 9577            | 9471          | 9061       | 10257    | 10146       | 8857      | 8737         | 8553        | 8737      | 9661         | 971.92   | 95-0.9         | 9859         | 9430    | 903.5    | 9112     | 88101       | 9762                | 84158  | 9356        | 87-78   | 1311.7      | 45        | 10522.8     | 100-4.5   | 99-2.0    | 10233.6     | 80-2   | 7932    | 911.90  | 1082.80  | 970.45  | 920.53  |
| AV 200084<br>Red<br>AV200084          | 6            | AV 150120<br>AV 130102  |                                  | 9767            | 9871          | 8461       | 10558    | 9047        | 8856      | 9742         | 8853        | 9942      | 9256         | 981.82   | 96-1.0         | 9656         | 9832    | 841.7    | 8912     | 88100       | 10065               | 95200  | 9254        | 96-93   | 1261.5      | 47        | 11326.4     | 92-0.4    | 98-2.0    | 9228.3      | 86-1   | 9142    | 932.15  | 1082.74  | 1010.77 | 950.59  |
| AV 210045<br>Red<br>DOMINION AV210045 |              | 284F<br>AV 160032       |                                  | 9262            | 10470         | 9753       | 9450     | 10033       | 9950      | 8324         | 9445        | 8735      | 10573        | 912.52   | 98-1.2         | 10669        | 10435   | 975.8    | 9916     | 99130       | 10368               | 87170  | 69-12       | 88-78   | 930.4       | 41        | 9819.8      | 93-1.1    | 105-3.0   | 10233.7     | 79-2   | 8335    | 1154.22 | 941.12   | 69-1.94 | 1130.92 |
| MAD 220007<br>Red<br>22 007           | 4            | AV 190118<br>CP 199218  |                                  | 10957           | 9847          | 9643       | 10336    | 10233       | 10039     | 8822         | 9736        | 8722      | 9762         | 1110.59  | 106-2.2        | 9758         | 9832    | 965.3    | 9714     | 96124       | 9762                | 87168  | 9254        | 88-79   | 1251.5      | 28        | 9919.9      | 100-4.1   | 101-2.4   | 10334.1     | 90-1   | 8839    | 922.05  | 961.37   | 940.16  | 920.53  |
| MAD 230004<br>Red<br>23 004           |              | AV 190118<br>SK 121266  |                                  | 8256            | 10052         | 10051      | 9746     | 10535       | 9443      | 10228        | 9440        | 9728      | 10268        | 922.44   | 850.3          | 10365        | 10033   | 1006.7   | 9916     | 99131       | 10671               | 102224 | 9459        | 102-104 | 1211.3      | 37        | 11527.2     | 101-4.6   | 110-3.6   | 10032.8     | 970    | 9343    | 952.27  | 991.73   | 87-0.37 | 950.59  |
| MAD 230007<br>Red<br>23 007           | 1            | AV 190118<br>SK 131342  |                                  | 9662            | 10452         | 10551      | 9846     | 10135       | 10544     | 9726         | 10340       | 9526      | 9965         | 962.02   | 98-1.2         | 10163        | 10436   | 1058.3   | 10517    | 107153      | 10569               | 94194  | 10285       | 96-93   | 1191.3      | 34        | 10623.0     | 96-2.5    | 110-3.6   | 9831.6      | 1000   | 9848    | 962.38  | 971.47   | 970.47  | 960.60  |
| MAD 230008<br>Red<br>23 008           | 1            | AV 190118<br>SK 101158  |                                  | 10456           | 8851          | 9052       | 10845    | 9634        | 8543      | 8626         | 8340        | 8422      | 9256         | 1041.24  | 101-1.6        | 9352         | 8827    | 903.5    | 8911     | 8694        | 9358                | 85160  | 109104      | 87-77   | 1161.2      | 34        | 10924.7     | 94-1.6    | 104-2.8   | 9530.0      | 79-2   | 7731    | 841.22  | 1072.64  | 980.55  | 850.41  |
| MAD 230034<br>Red<br>23 034           |              | AV 190118<br>RK 180036  |                                  | 10859           | 8650          | 8545       | 11644    | 10431       | 8741      | 8725         | 8538        | 8925      | 8445         | 1080.91  | 100-1.5        | 8542         | 8627    | 851.9    | 8510     | 8387        | 8954                | 88171  | 9049        | 90-83   | 1181.2      | 33        | 10020.3     | 100-4.1   | 103-2.7   | 10535.2     | 86-1   | 8537    | 891.75  | 1062.52  | 1031.00 | 900.50  |
| MAD 230043<br>Red<br>23 043           |              | AV 190118<br>CP 147886  |                                  | 8661            | 11252         | 8949       | 10147    | 9235        | 10044     | 9125         | 9740        | 8826      | 9863         | 803.49   | 870.0          | 9961         | 11239   | 893.2    | 9715     | 101136      | 11579               | 91181  | 9459        | 95-91   | 1111.0      | 29        | 9920.0      | 93-1.1    | 92-1.1    | 9731.2      | 87-1   | 8437    | 901.79  | 1042.26  | 960.33  | 900.51  |
| MAD 230046<br>Red<br>23 046           | 1            | AV 190118<br>SK 190062  |                                  | 9159            | 9650          | 9244       | 10645    | 10432       | 9241      | 9022         | 9037        | 8822      | 9053         | 912.49   | 91-0.4         | 9454         | 9632    | 924.0    | 9313     | 93114       | 10267               | 90179  | 110107      | 93-88   | 1121.0      | 29        | 11125.5     | 98-3.3    | 109-3.5   | 10233.9     | 85-1   | 8638    | 922.06  | 1032.13  | 990.58  | 930.55  |
| RJ 230026<br>Black<br>RJ230026        | 14           | KCM 160069<br>RJ 180017 |                                  | 7366            | 11270         | 12859      | 8358     | 12143       | 11654     | 13829        | 12249       | 12134     | 11281        | 862.95   | 771.2          | 11581        | 11240   | 12815.3  | 12323    | 122196      | 12892               | 138363 | 138187      | 131-154 | 81-0.1      | 34        | 10924.6     | 110-8.8   | 117-4.5   | 11540.7     | 1091   | 11762   | 1144.19 | 1163.83  | 1101.59 | 1160.99 |
| MAD 240006<br>Red<br>24 006           | 1            | AV 190118<br>SK 131342  |                                  | 9856            | 10252         | 10551      | 9846     | 10135       | 10443     | 9726         | 10140       | 9526      | 9965         | 991.78   | 99-1.4         | 10163        | 10235   | 1058.2   | 10417    | 105148      | 10368               | 94194  | 10285       | 96-93   | 1191.3      | 34        | 10623.0     | 96-2.5    | 110-3.6   | 9831.6      | 1000   | 9848    | 962.38  | 971.47   | 970.47  | 960.60  |

# 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 | Veld growth | FCR  | Skin Thickn | Scrotum   | Heifer Fert | Cow Fert. | Longevity | Frame score | Length | EMA     | Fat  | Marbling | Dress % |
|            |              |                        | Sire ID<br>Dam ID                |                 |               |            |          |             |           |              |             |           |              |          |                |              |         |          |          |             |                     |     |             |      |             |           |             |           |           |             |        |         |      |          |         |
| MAD 240015 |              | RK 180040              |                                  | 97              | 99            | 81         | 114      | 80          | 87        |              |             | 89        | 81           | 93       | 94             | 87           | 99      | 81       | 87       | 89          | 91                  | 81  | 86          | 88   | 98          | 94        | 106         | 102       | 63        | 88          | 85     | 90      | 97   | 102      | 90      |
| Red        |              |                        |                                  | 37              | 38            | 35         | 35       | 24          | 31        |              |             | 20        | 42           | 2.29     | -0.7           | 45           | 33      | 0.7      | 11       | 103         | 57                  | 144 | 38          | -80  | 0.6         | 17.7      | -6.9        | -2.6      | 12.2      | -1          | 37     | 1.81    | 1.50 | 0.89     | 0.50    |
| MAD 240015 |              |                        |                                  |                 |               |            |          |             |           |              |             |           | 24           | 39       | 36             | 35           | 38      | 35       |          | 36          | 32                  | 25  | 11          | 9    | 28          | 27        | 25          | 14        | 32        | 27          | 24     | 19      | 22   | 19       | 20      |
| MAD 240016 |              | WB 120173              |                                  | 107             | 74            | 80         | 114      | 70          | 62        | 79           | 60          | 86        | 80           | 120      | 96             | 88           | 74      | 80       | 78       | 68          | 73                  | 83  | 70          | 96   | 91          | 93        | 94          | 93        | 62        | 99          | 89     | 89      | 96   | 89       | 89      |
| Red        |              |                        |                                  | 51              | 39            | 41         | 38       | 29          | 35        | 22           | 32          | 34        | 40           | -0.23    | -1.0           | 46           | 21      | 0.4      | 7        | 45          | 39                  | 154 | -10         | -92  | 0.3         | 17.4      | -1.3        | -1.4      | 11.8      | 0           | 40     | 1.74    | 1.32 | -0.23    | 0.48    |
| MAD 240016 |              |                        |                                  |                 |               |            |          |             |           |              |             |           | 27           | 60       | 46             | 38           | 39      | 41       | 39       | 35          | 31                  | 45  | 14          | 27   | 32          | 30        | 21          | 36        | 32        | 30          | 33     | 36      | 34   | 34       |         |
| MAD 240019 |              | CP 147794              |                                  | 119             | 93            | 97         | 116      | 65          | 92        |              |             | 88        | 79           | 109      | 113            | 84           | 93      | 97       | 96       | 98          | 84                  | 81  | 90          | 93   | 92          | 91        | 88          | 94        | 57        | 103         | 92     | 87      | 96   | 92       | 87      |
| Red        |              |                        |                                  | 51              | 38            | 39         | 37       | 26          | 34        |              |             | 10        | 39           | 0.76     | -3.0           | 41           | 30      | 5.6      | 14       | 129         | 50                  | 144 | 50          | -87  | 0.3         | 16.6      | 1.1         | -1.5      | 8.9       | 0           | 42     | 1.50    | 1.38 | 0.05     | 0.44    |
| MAD 240019 |              |                        |                                  |                 |               |            |          |             |           |              |             |           | 14           | 60       | 45             | 37           | 38      | 39       |          | 38          | 28                  | 12  | 9           | 5    | 13          | 13        | 27          | 17        | 34        | 13          | 11     | 9       | 10   | 9        | 10      |
| MAD 240020 |              | FW 220045              |                                  | 86              | 102           | 96         | 107      | 74          | 90        |              |             | 92        | 87           | 92       | 84             | 93           | 102     | 96       | 98       | 102         | 100                 | 83  | 105         | 95   | 94          | 91        | 100         | 100       | 61        | 105         | 96     | 105     | 102  | 88       | 104     |
| Red        |              |                        |                                  | 48              | 36            | 29         | 26       | 22          | 29        |              |             | 24        | 49           | 2.39     | 0.4            | 53           | 35      | 5.4      | 15       | 138         | 65                  | 153 | 93          | -91  | 0.4         | 16.7      | -4.1        | -2.2      | 10.9      | 0           | 46     | 3.27    | 2.02 | -0.33    | 0.77    |
| MAD 240020 |              |                        |                                  |                 |               |            |          |             |           |              |             |           | 15           | 59       | 39             | 26           | 36      | 29       |          | 30          | 32                  | 27  | 22          | 9    | 29          | 29        | 25          | 13        | 29        | 28          | 26     | 23      | 25   | 23       | 24      |
| MAD 240022 |              | WE 140011              |                                  | 97              | 89            | 86         | 111      | 77          | 77        |              |             | 85        | 84           | 102      | 91             | 90           | 89      | 86       | 87       | 84          | 82                  | 78  | 88          | 90   | 94          | 87        | 108         | 105       | 55        | 99          | 89     | 83      | 98   | 98       | 83      |
| Red        |              |                        |                                  | 54              | 36            | 41         | 38       | 28          | 35        |              |             | 22        | 45           | 1.44     | -0.4           | 49           | 28      | 2.3      | 11       | 91          | 48                  | 134 | 43          | -82  | 0.4         | 14.9      | -8.0        | -3.0      | 8.0       | 0           | 41     | 1.14    | 1.58 | 0.55     | 0.37    |
| MAD 240022 |              |                        |                                  |                 |               |            |          |             |           |              |             |           | 26           | 64       | 47             | 38           | 36      | 41       |          | 38          | 32                  | 23  | 21          | 13   | 23          | 24        | 29          | 20        | 35        | 24          | 23     | 21      | 22   | 21       | 22      |
| MAD 240025 |              | FW 220084              |                                  | 90              | 105           | 104        | 103      | 81          | 99        |              |             | 98        | 89           | 92       | 90             | 96           | 105     | 104      | 104      | 109         | 103                 | 91  | 115         | 103  | 100         | 99        | 107         | 106       | 63        | 112         | 104    | 105     | 101  | 88       | 104     |
| Red        |              |                        |                                  | 50              | 35            | 28         | 26       | 22          | 29        |              |             | 23        | 51           | 2.43     | -0.3           | 56           | 36      | 8.0      | 17       | 160         | 68                  | 183 | 120         | -105 | 0.6         | 20.0      | -7.6        | -3.0      | 12.0      | 1           | 52     | 3.24    | 1.96 | -0.28    | 0.77    |
| MAD 240025 |              |                        |                                  |                 |               |            |          |             |           |              |             |           | 15           | 63       | 41             | 26           | 35      | 28       |          | 30          | 32                  | 26  | 21          | 9    | 28          | 28        | 24          | 14        | 28        | 27          | 25     | 22      | 24   | 22       | 23      |
| MAD 240026 |              | FW 220027              |                                  | 85              | 115           | 98         | 102      | 79          | 104       |              |             | 96        | 92           | 83       | 87             | 98           | 115     | 98       | 104      | 112         | 111                 | 88  | 120         | 102  | 100         | 101       | 101         | 105       | 63        | 112         | 105    | 104     | 100  | 90       | 103     |
| Red        |              |                        |                                  | 50              | 35            | 29         | 25       | 22          | 29        |              |             | 22        | 56           | 3.26     | 0.1            | 59           | 41      | 6.1      | 18       | 166         | 76                  | 173 | 135         | -103 | 0.6         | 21.1      | -4.8        | -2.9      | 12.0      | 1           | 53     | 3.16    | 1.83 | -0.16    | 0.75    |
| MAD 240026 |              |                        |                                  |                 |               |            |          |             |           |              |             |           | 15           | 63       | 40             | 25           | 35      | 29       |          | 30          | 32                  | 26  | 22          | 9    | 28          | 28        | 25          | 14        | 28        | 27          | 26     | 21      | 22   | 21       | 22      |
| MAD 240028 |              | FW 220054              |                                  | 94              | 105           | 90         | 105      | 67          | 91        |              |             | 97        | 91           | 95       | 93             | 95           | 105     | 90       | 95       | 98          | 98                  | 87  | 104         | 100  | 99          | 94        | 91          | 96        | 59        | 113         | 102    | 99      | 100  | 92       | 99      |
| Red        |              |                        |                                  | 49              | 36            | 29         | 26       | 22          | 29        |              |             | 23        | 54           | 2.08     | -0.7           | 55           | 36      | 3.6      | 14       | 129         | 63                  | 168 | 88          | -99  | 0.6         | 17.6      | 0.1         | -1.7      | 9.9       | 1           | 51     | 2.66    | 1.84 | 0.02     | 0.66    |
| MAD 240028 |              |                        |                                  |                 |               |            |          |             |           |              |             |           | 15           | 63       | 40             | 26           | 36      | 29       |          | 30          | 32                  | 27  | 22          | 10   | 29          | 28        | 25          | 14        | 28        | 28          | 26     | 22      | 24   | 22       | 23      |
| MAD 240029 |              | WE 150046              |                                  | 117             | 82            | 81         | 118      | 70          | 75        |              |             | 85        | 77           | 120      | 106            | 84           | 82      | 81       | 81       | 77          | 78                  | 81  | 97          | 96   | 91          | 95        | 105         | 92        | 56        | 107         | 93     | 80      | 95   | 91       | 81      |
| Red        |              |                        |                                  | 53              | 38            | 38         | 36       | 27          | 34        |              |             | 17        | 36           | -0.24    | -2.2           | 41           | 25      | 0.8      | 9        | 69          | 44                  | 146 | 69          | -93  | 0.3         | 18.4      | -6.6        | -1.1      | 8.1       | 1           | 44     | 0.89    | 1.20 | -0.06    | 0.32    |
| MAD 240029 |              |                        |                                  |                 |               |            |          |             |           |              |             |           | 21           | 64       | 46             | 36           | 38      | 38       |          | 37          | 32                  | 19  | 16          | 13   | 20          | 20        | 28          | 18        | 34        | 20          | 19     | 17      | 17   | 17       |         |
| MAD 240031 |              | AV 190118<br>SK 140071 |                                  | 109             | 88            | 81         | 116      | 100         | 87        | 89           | 85          | 86        | 87           | 104      | 104            | 86           | 88      | 81       | 83       | 81          | 88                  | 90  | 105         | 94   | 113         | 101       | 107         | 98        | 98        | 86          | 84     | 87      | 105  | 103      | 88      |
| Red        |              |                        |                                  | 62              | 51            | 49         | 46       | 33          | 43        | 24           | 39          | 22        | 49           | 1.26     | -1.9           | 43           | 28      | 0.6      | 10       | 80          | 54                  | 179 | 92          | -89  | 1.1         | 20.9      | -7.4        | -2.0      | 31.4      | -1          | 36     | 1.54    | 2.47 | 0.93     | 0.46    |
| MAD 240031 |              |                        |                                  |                 |               |            |          |             |           |              |             |           | 27           | 72       | 56             | 46           | 51      | 49       |          | 49          | 39                  | 27  | 11          | 19   | 32          | 31        | 32          | 22        | 46        | 30          | 26     | 21      | 22   | 21       | 22      |
| MAD 240036 |              | AV 190118<br>CP 199281 |                                  | 107             | 89            | 92         | 113      | 99          | 90        | 89           | 88          | 89        | 85           | 103      | 102            | 87           | 89      | 92       | 91       | 90          | 90                  | 89  | 97          | 90   | 121         | 101       | 98          | 102       | 98        | 86          | 83     | 95      | 111  | 93       | 96      |
| Red        | 3            |                        |                                  | 59              | 46            | 42         | 35       | 33          | 39        | 23           | 36          | 23        | 46           | 1.38     | -1.7           | 45           | 28      | 4.1      | 12       | 106         | 55                  | 176 | 69          | -83  | 1.4         | 20.8      | -3.3        | -2.5      | 31.8      | -1          | 35     | 2.31    | 3.14 | 0.15     | 0.62    |
| MAD 240036 |              |                        |                                  |                 |               |            |          |             |           |              |             |           | 24           | 71       | 50             | 35           | 46      | 42       |          | 41          | 37                  | 26  | 15          | 19   | 30          | 29        | 34          | 22        | 44        | 28          | 25     | 23      | 23   | 23       | 23      |
| MAD 240043 |              | SK 140018              |                                  | 104             | 89            | 87         | 103      | 73          | 77        | 85           | 75          | 92        | 92           | 116      | 99             | 98           | 89      | 87       | 88       | 82          | 86                  | 88  | 100         | 99   | 90          | 97        | 102         | 96        | 59        | 110         | 98     | 96      | 98   | 91       | 96      |
| Red        |              |                        |                                  | 39              | 38            | 40         | 36       | 25          | 32        | 24           | 30          | 23        | 55           | 0.14     | -1.3           | 59           | 28      | 2.5      | 11       | 85          | 52                  | 172 | 78          | -99  | 0.3         | 19.2      | -5.4        | -1.7      | 10.1      | 1           | 48     | 2.41    | 1.61 | -0.06    | 0.61    |
| MAD 240043 |              |                        |                                  |                 |               |            |          |             |           |              |             |           | 21           | 40       | 38             | 36           | 38      | 40       |          | 38          | 33                  | 27  | 13          | 21   | 28          | 28        | 25          | 17        | 33        | 27          | 26     | 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<br>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 | Veld growth | FCR  | Skin Thckn | Scrotum   | Heifer Fert | Cow Fert. | Longevity | Frame score | Length | EMA     | Fat  | Marbling | Dress % |
|            |              |                      | Sire ID<br>Dam ID                |                 |               |            |          |             |           |              |             |           |              |          |                |              |         |          |          |             |                     |     |             |      |            |           |             |           |           |             |        |         |      |          |         |
| MAD 240044 |              | SK                   | 140018                           | 104             | 89            | 87         | 103      | 73          | 77        | 85           | 75          | 92        | 92           | 116      | 99             | 98           | 89      | 87       | 88       | 82          | 86                  | 88  | 100         | 99   | 90         | 97        | 102         | 96        | 59        | 110         | 98     | 96      | 98   | 91       | 96      |
| Red        |              |                      |                                  | 39              | 38            | 40         | 36       | 25          | 32        | 24           | 30          | 23        | 55           | 0.14     | -1.3           | 59           | 28      | 2.5      | 11       | 85          | 52                  | 172 | 78          | -99  | 0.3        | 19.2      | -5.4        | -1.7      | 10.1      | 1           | 48     | 2.41    | 1.61 | -0.06    | 0.61    |
| MAD 240044 |              |                      |                                  |                 |               |            |          |             |           |              |             |           | 21           | 40       | 38             | 36           | 38      | 40       |          | 38          | 33                  | 27  | 13          | 21   | 28         | 28        | 25          | 17        | 33        | 27          | 26     | 22      | 24   | 22       | 23      |
| MAD 240050 |              | WE                   | 170013                           | 99              | 86            | 102        | 112      | 64          | 78        |              |             | 95        | 82           | 110      | 89             | 87           | 86      | 102      | 97       | 95          | 83                  | 85  | 67          | 96   | 84         | 96        | 92          | 91        | 57        | 106         | 96     | 93      | 107  | 102      | 94      |
| Red        |              |                      |                                  | 35              | 35            | 35         | 36       | 21          | 29        |              |             | 8         | 43           | 0.72     | -0.2           | 45           | 26      | 7.3      | 14       | 121         | 48                  | 162 | -17         | -93  | 0.1        | 18.6      | -0.4        | -1.1      | 8.6       | 0           | 46     | 2.10    | 2.70 | 0.90     | 0.58    |
| MAD 240050 |              |                      |                                  |                 |               |            |          |             |           |              |             |           | 11           | 37       | 35             | 36           | 35      | 35       |          | 35          | 28                  | 11  | 9           | 7    | 12         | 12        | 22          | 12        | 29        | 12          | 11     | 8       | 9    | 8        | 8       |
| MAD 240053 |              | RK                   | 160049                           | 97              | 94            | 108        | 122      | 73          | 94        | 82           | 90          | 92        | 73           | 102      | 84             | 78           | 94      | 108      | 103      | 112         | 88                  | 85  | 91          | 98   | 93         | 97        | 88          | 96        | 70        | 110         | 101    | 90      | 109  | 95       | 91      |
| Red        |              |                      |                                  | 37              | 35            | 39         | 37       | 24          | 31        | 22           | 29          | 25        | 31           | 1.43     | 0.4            | 33           | 31      | 9.2      | 16       | 168         | 54                  | 162 | 52          | -97  | 0.4        | 19.1      | 1.6         | -1.7      | 16.0      | 1           | 50     | 1.81    | 2.97 | 0.25     | 0.53    |
| MAD 240053 |              |                      |                                  |                 |               |            |          |             |           |              |             |           | 35           | 37       | 37             | 37           | 35      | 39       |          | 37          | 30                  | 26  | 11          | 19   | 26         | 28        | 25          | 14        | 34        | 27          | 25     | 24      | 26   | 24       | 25      |
| MAD 240056 |              | SK                   | 150015                           | 108             | 92            | 81         | 101      | 54          | 73        |              |             | 94        | 93           | 109      | 106            | 100          | 92      | 81       | 85       | 80          | 88                  | 87  | 90          | 101  | 90         | 94        | 81          | 75        | 59        | 111         | 94     | 96      | 107  | 104      | 97      |
| Red        |              |                      |                                  | 37              | 35            | 33         | 34       | 23          | 29        |              |             | 20        | 57           | 0.83     | -2.2           | 61           | 29      | 0.8      | 10       | 77          | 54                  | 167 | 49          | -102 | 0.3        | 17.9      | 4.6         | 1.1       | 9.8       | 1           | 44     | 2.37    | 2.68 | 1.06     | 0.62    |
| MAD 240056 |              |                      |                                  |                 |               |            |          |             |           |              |             |           | 16           | 38       | 36             | 34           | 35      | 33       |          | 34          | 26                  | 22  | 13          | 14   | 23         | 24        | 23          | 15        | 30        | 23          | 21     | 19      | 21   | 20       | 20      |
| MAD 240059 |              | WE                   | 160022                           | 73              | 94            | 100        | 112      | 61          | 76        |              |             | 87        | 81           | 84       | 66             | 88           | 94      | 100      | 98       | 101         | 93                  | 77  | 86          | 88   | 89         | 87        | 101         | 81        | 53        | 103         | 91     | 78      | 106  | 111      | 80      |
| Red        |              |                      |                                  | 35              | 36            | 36         | 34       | 21          | 29        |              |             | 20        | 42           | 3.13     | 2.5            | 46           | 31      | 6.7      | 15       | 135         | 59                  | 131 | 38          | -80  | 0.2        | 14.5      | -4.6        | 0.3       | 6.6       | 0           | 42     | 0.64    | 2.60 | 1.64     | 0.30    |
| MAD 240059 |              |                      |                                  |                 |               |            |          |             |           |              |             |           | 12           | 38       | 35             | 34           | 36      | 36       |          | 35          | 22                  | 21  | 9           | 8    | 24         | 24        | 21          | 12        | 31        | 23          | 21     | 19      | 21   | 19       | 20      |
| MAD 250013 |              | RK                   | 210055                           | 101             | 95            | 98         | 112      | 76          | 90        |              |             | 90        | 81           | 109      | 92             | 88           | 95      | 98       | 97       | 99          | 95                  | 76  | 100         | 85   | 81         | 96        | 100         | 103       | 61        | 90          | 85     | 92      | 116  | 91       | 94      |
| Red        |              |                      |                                  | 34              | 36            | 28         | 28       | 19          | 27        |              |             | 25        | 42           | 0.77     | -0.5           | 46           | 31      | 6.0      | 14       | 132         | 60                  | 125 | 78          | -74  | -0.1       | 18.7      | -4.1        | -2.6      | 11.3      | -1          | 37     | 1.99    | 3.83 | -0.10    | 0.57    |
| MAD 250013 |              |                      |                                  |                 |               |            |          |             |           |              |             |           | 25           | 37       | 31             | 28           | 36      | 28       |          | 31          | 28                  | 25  | 24          | 8    | 28         | 27        | 21          | 11        | 26        | 26          | 25     | 24      | 26   | 24       | 25      |
| MAD 250021 |              | RK                   | 170070                           | 116             | 74            | 100        | 125      | 75          | 78        | 69           | 72          | 80        | 68           | 118      | 102            | 76           | 74      | 100      | 91       | 88          | 67                  | 71  | 87          | 86   | 96         | 91        | 103         | 103       | 57        | 98          | 86     | 77      | 96   | 96       | 77      |
| Red        |              |                      |                                  | 50              | 36            | 37         | 36       | 24          | 32        | 20           | 30          | 22        | 23           | -0.07    | -1.7           | 30           | 21      | 6.6      | 11       | 102         | 33                  | 108 | 41          | -76  | 0.5        | 16.4      | -5.5        | -2.7      | 9.0       | 0           | 38     | 0.54    | 1.33 | 0.38     | 0.26    |
| MAD 250021 |              |                      |                                  |                 |               |            |          |             |           |              |             |           | 32           | 60       | 44             | 36           | 36      | 37       |          | 36          | 27                  | 24  | 18          | 15   | 25         | 26        | 23          | 16        | 32        | 25          | 24     | 22      | 23   | 22       | 22      |
| MAD 250023 |              | CP                   | 147890                           | 92              | 95            | 94         | 111      | 73          | 84        |              |             | 90        | 84           | 100      | 86             | 89           | 95      | 94       | 94       | 95          | 91                  | 87  | 84          | 102  | 92         | 101       | 110         | 100       | 52        | 112         | 96     | 89      | 98   | 96       | 89      |
| Black      |              |                      |                                  | 39              | 37            | 38         | 35       | 26          | 31        |              |             | 16        | 46           | 1.60     | 0.2            | 48           | 31      | 4.7      | 13       | 121         | 56                  | 169 | 32          | -104 | 0.3        | 20.9      | -9.1        | -2.2      | 5.9       | 1           | 46     | 1.70    | 1.53 | 0.38     | 0.48    |
| MAD 250023 |              |                      |                                  |                 |               |            |          |             |           |              |             |           | 17           | 40       | 37             | 35           | 37      | 38       |          | 37          | 27                  | 18  | 14          | 15   | 19         | 19        | 26          | 18        | 33        | 19          | 18     | 16      | 16   | 16       | 16      |
| MAD 250026 |              | FW                   | 220045                           | 84              | 104           | 96         | 107      | 74          | 91        |              |             | 92        | 87           | 90       | 83             | 93           | 104     | 96       | 99       | 103         | 102                 | 83  | 105         | 95   | 94         | 91        | 100         | 100       | 61        | 105         | 96     | 105     | 102  | 88       | 104     |
| Red        |              |                      |                                  | 48              | 36            | 29         | 26       | 22          | 29        |              |             | 24        | 49           | 2.60     | 0.5            | 53           | 36      | 5.5      | 16       | 143         | 67                  | 153 | 93          | -91  | 0.4        | 16.7      | -4.1        | -2.2      | 10.9      | 0           | 46     | 3.27    | 2.02 | -0.33    | 0.77    |
| MAD 250026 |              |                      |                                  |                 |               |            |          |             |           |              |             |           | 15           | 59       | 39             | 26           | 36      | 29       |          | 30          | 32                  | 27  | 22          | 9    | 29         | 29        | 25          | 13        | 29        | 28          | 26     | 23      | 25   | 23       | 24      |
| MAD 250027 |              | CP                   | 147794                           | 116             | 96            | 97         | 116      | 65          | 94        |              |             | 88        | 79           | 105      | 111            | 84           | 96      | 97       | 97       | 102         | 87                  | 81  | 90          | 93   | 92         | 91        | 88          | 94        | 57        | 103         | 92     | 87      | 96   | 92       | 87      |
| Red        |              |                      |                                  | 51              | 38            | 39         | 37       | 26          | 34        |              |             | 10        | 39           | 1.13     | -2.8           | 41           | 32      | 5.8      | 14       | 138         | 52                  | 144 | 50          | -87  | 0.3        | 16.6      | 1.1         | -1.5      | 8.9       | 0           | 42     | 1.50    | 1.38 | 0.05     | 0.44    |
| MAD 250027 |              |                      |                                  |                 |               |            |          |             |           |              |             |           | 14           | 60       | 45             | 37           | 38      | 39       |          | 38          | 28                  | 12  | 9           | 5    | 13         | 13        | 27          | 17        | 34        | 13          | 11     | 9       | 10   | 9        | 10      |
| MAD 250031 |              | FW                   | 220069                           | 88              | 104           | 101        | 102      | 64          | 90        |              |             | 100       | 91           | 91       | 89             | 98           | 104     | 101      | 102      | 104         | 100                 | 92  | 103         | 106  | 108        | 104       | 88          | 89        | 61        | 116         | 107    | 106     | 103  | 92       | 106     |
| Red        |              |                      |                                  | 51              | 31            | 28         | 26       | 21          | 28        |              |             | 24        | 54           | 2.50     | -0.2           | 58           | 35      | 6.8      | 16       | 146         | 65                  | 188 | 85          | -111 | 0.9        | 22.4      | 1.5         | -0.7      | 11.0      | 1           | 55     | 3.36    | 2.24 | 0.04     | 0.80    |
| MAD 250031 |              |                      |                                  |                 |               |            |          |             |           |              |             |           | 14           | 64       | 41             | 26           | 31      | 28       |          | 28          | 28                  | 22  | 21          | 9    | 28         | 28        | 22          | 13        | 28        | 27          | 26     | 23      | 25   | 23       | 24      |
| MAD 250032 |              | FW                   | 220084                           | 91              | 104           | 104        | 103      | 81          | 98        |              |             | 98        | 89           | 93       | 91             | 96           | 104     | 104      | 104      | 108         | 103                 | 91  | 115         | 103  | 100        | 99        | 107         | 106       | 63        | 112         | 104    | 105     | 101  | 88       | 104     |
| Red        |              |                      |                                  | 51              | 35            | 28         | 26       | 22          | 29        |              |             | 23        | 51           | 2.32     | -0.4           | 56           | 36      | 8.0      | 17       | 157         | 68                  | 183 | 120         | -105 | 0.6        | 20.0      | -7.6        | -3.0      | 12.0      | 1           | 52     | 3.24    | 1.96 | -0.28    | 0.77    |
| MAD 250032 |              |                      |                                  |                 |               |            |          |             |           |              |             |           | 15           | 64       | 41             | 26           | 35      | 28       |          | 30          | 32                  | 26  | 21          | 9    | 28         | 28        | 24          | 14        | 28        | 27          | 25     | 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 | Veld growth | FCR  | Skin Thckn | Scrotum   | Heifer Fert | Cow Fert. | Longevity | Frame score | Length | EMA     | Fat  | Marbling | Dress % |
|            |              |                   | Sire ID<br>Dam ID                |                 |               |            |          |             |           |              |             |           |              |          |                |              |         |          |          |             |                     |     |             |      |            |           |             |           |           |             |        |         |      |          |         |
| MAD 250033 |              | FW 220073         |                                  | 94              | 101           | 99         | 106      | 79          | 95        |              |             | 100       | 88           | 99       | 91             | 93           | 101     | 99       | 100      | 103         | 96                  | 91  | 98          | 104  | 95         | 97        | 99          | 109       | 63        | 119         | 108    | 112     | 105  | 93       | 112     |
| Red        |              |                   |                                  | 51              | 36            | 30         | 26       | 23          | 30        |              |             | 24        | 50           | 1.74     | -0.4           | 53           | 34      | 6.3      | 16       | 143         | 61                  | 183 | 72          | -107 | 0.4        | 19.1      | -4.0        | -3.4      | 12.1      | 1           | 55     | 3.94    | 2.45 | 0.12     | 0.91    |
| MAD 250033 |              |                   |                                  |                 |               |            |          |             |           |              |             |           | 16           | 64       | 41             | 26           | 36      | 30       |          | 31          | 32                  | 27  | 22          | 9    | 29         | 28        | 25          | 15        | 29        | 28          | 26     | 23      | 25   | 23       | 24      |
| MAD 250037 |              | WE 150046         |                                  | 105             | 95            | 84         | 117      | 70          | 85        |              |             | 85        | 77           | 104      | 97             | 84           | 95      | 84       | 88       | 89          | 90                  | 81  | 97          | 96   | 91         | 95        | 105         | 92        | 56        | 107         | 93     | 80      | 95   | 91       | 81      |
| Red        |              |                   |                                  | 53              | 38            | 38         | 36       | 27          | 34        |              |             | 17        | 36           | 1.25     | -1.1           | 41           | 31      | 1.6      | 11       | 104         | 55                  | 146 | 69          | -93  | 0.3        | 18.4      | -6.6        | -1.1      | 8.1       | 1           | 44     | 0.89    | 1.20 | -0.06    | 0.32    |
| MAD 250037 |              |                   |                                  |                 |               |            |          |             |           |              |             |           | 21           | 64       | 46             | 36           | 38      | 38       |          | 37          | 32                  | 19  | 16          | 13   | 20         | 20        | 28          | 18        | 34        | 20          | 19     | 17      | 17   | 17       | 17      |
| MAD 250039 |              | WE 180032         |                                  | 107             | 85            | 101        | 106      | 73          | 81        | 86           | 79          | 94        | 87           | 113      | 101            | 94           | 85      | 101      | 96       | 92          | 83                  | 86  | 98          | 100  | 98         | 100       | 101         | 101       | 58        | 113         | 99     | 93      | 110  | 91       | 95      |
| Red        |              |                   |                                  | 38              | 37            | 36         | 37       | 27          | 31        | 22           | 29          | 24        | 49           | 0.39     | -1.6           | 54           | 26      | 7.1      | 13       | 111         | 49                  | 166 | 72          | -100 | 0.6        | 20.6      | -4.6        | -2.3      | 9.4       | 1           | 48     | 2.13    | 3.05 | -0.04    | 0.59    |
| MAD 250039 |              |                   |                                  |                 |               |            |          |             |           |              |             |           | 28           | 39       | 37             | 37           | 37      | 36       |          | 37          | 32                  | 25  | 20          | 17   | 26         | 26        | 28          | 20        | 33        | 26          | 25     | 23      | 24   | 23       | 24      |
| MAD 250043 |              | CBR 140290        |                                  | 113             | 94            | 95         | 102      | 87          | 93        |              |             | 99        | 90           | 110      | 111            | 98           | 94      | 95       | 95       | 92          | 90                  | 89  | 97          | 103  | 85         | 103       | 119         | 107       | 63        | 106         | 97     | 97      | 113  | 105      | 99      |
| Black      |              |                   |                                  | 38              | 36            | 41         | 39       | 25          | 32        |              |             | 18        | 53           | 0.67     | -2.8           | 59           | 30      | 5.1      | 14       | 113         | 55                  | 178 | 70          | -106 | 0.1        | 21.7      | -13.0       | -3.1      | 12.1      | 0           | 47     | 2.54    | 3.38 | 1.13     | 0.67    |
| MAD 250043 |              |                   |                                  |                 |               |            |          |             |           |              |             |           | 21           | 39       | 38             | 39           | 36      | 41       |          | 39          | 27                  | 19  | 16          | 15   | 18         | 20        | 27          | 16        | 33        | 19          | 18     | 18      | 19   | 18       | 18      |
| MAD 250045 |              | FW 220027         |                                  | 99              | 99            | 95         | 102      | 79          | 91        |              |             | 96        | 92           | 103      | 98             | 98           | 99      | 95       | 96       | 96          | 95                  | 88  | 120         | 102  | 100        | 101       | 101         | 105       | 63        | 112         | 105    | 104     | 100  | 90       | 103     |
| Red        |              |                   |                                  | 50              | 35            | 29         | 25       | 22          | 29        |              |             | 22        | 56           | 1.33     | -1.2           | 59           | 33      | 5.1      | 14       | 124         | 61                  | 173 | 135         | -103 | 0.6        | 21.1      | -4.8        | -2.9      | 12.0      | 1           | 53     | 3.16    | 1.83 | -0.16    | 0.75    |
| MAD 250045 |              |                   |                                  |                 |               |            |          |             |           |              |             |           | 15           | 64       | 40             | 25           | 35      | 29       |          | 30          | 32                  | 26  | 22          | 9    | 28         | 28        | 25          | 14        | 28        | 27          | 26     | 21      | 22   | 21       | 22      |
| MAD 250046 |              | RK 150066         |                                  | 105             | 86            | 100        | 115      | 74          | 83        |              |             | 84        | 82           | 102      | 99             | 85           | 86      | 100      | 95       | 95          | 81                  | 79  | 86          | 89   | 102        | 88        | 100         | 99        | 61        | 96          | 85     | 82      | 103  | 103      | 83      |
| Red        |              |                   |                                  | 53              | 38            | 39         | 37       | 24          | 34        |              |             | 20        | 42           | 1.46     | -1.3           | 42           | 26      | 6.5      | 13       | 119         | 47                  | 139 | 36          | -80  | 0.7        | 15.3      | -4.2        | -2.1      | 11.1      | 0           | 37     | 1.06    | 2.24 | 0.98     | 0.37    |
| MAD 250046 |              |                   |                                  |                 |               |            |          |             |           |              |             |           | 35           | 64       | 47             | 37           | 38      | 39       |          | 38          | 32                  | 25  | 16          | 12   | 29         | 28        | 23          | 15        | 33        | 27          | 24     | 19      | 22   | 20       | 20      |
| MAD 250059 |              | CBR 140298        |                                  | 101             | 89            | 99         | 103      | 72          | 81        |              |             | 88        | 90           | 107      | 97             | 97           | 89      | 99       | 96       | 92          | 83                  | 76  | 88          | 89   | 84         | 88        | 99          | 98        | 58        | 100         | 89     | 85      | 106  | 100      | 86      |
| Red        |              |                   |                                  | 52              | 35            | 39         | 36       | 24          | 33        |              |             | 18        | 53           | 0.96     | -1.2           | 57           | 28      | 6.3      | 14       | 112         | 49                  | 127 | 43          | -81  | 0.0        | 15.2      | -4.0        | -2.0      | 9.4       | 0           | 41     | 1.31    | 2.54 | 0.71     | 0.42    |
| MAD 250059 |              |                   |                                  |                 |               |            |          |             |           |              |             |           | 19           | 64       | 46             | 36           | 35      | 39       |          | 37          | 27                  | 19  | 16          | 13   | 18         | 20        | 23          | 15        | 33        | 20          | 19     | 17      | 18   | 17       | 18      |
| MAD 250066 |              | SK 140018         |                                  | 114             | 78            | 85         | 103      | 73          | 69        | 85           | 68          | 92        | 92           | 129      | 106            | 98           | 78      | 85       | 83       | 73          | 76                  | 88  | 100         | 99   | 90         | 97        | 102         | 96        | 59        | 110         | 98     | 96      | 98   | 91       | 96      |
| Red        |              |                   |                                  | 52              | 38            | 40         | 36       | 25          | 34        | 24           | 32          | 23        | 55           | -1.09    | -2.1           | 59           | 23      | 1.9      | 9        | 58          | 42                  | 172 | 78          | -99  | 0.3        | 19.2      | -5.4        | -1.7      | 10.1      | 1           | 48     | 2.41    | 1.61 | -0.06    | 0.61    |
| MAD 250066 |              |                   |                                  |                 |               |            |          |             |           |              |             |           | 21           | 62       | 46             | 36           | 38      | 40       |          | 38          | 33                  | 27  | 13          | 21   | 28         | 28        | 25          | 17        | 33        | 27          | 26     | 22      | 24   | 22       | 23      |
| MAD 260001 |              | LPA 160031        |                                  | 72              | 100           | 88         | 102      | 59          | 74        | 78           | 71          | 83        | 92           | 83       | 66             | 99           | 100     | 88       | 92       | 92          | 99                  | 82  | 96          | 98   | 92         | 96        | 92          | 89        | 50        | 107         | 93     | 85      | 92   | 93       | 85      |
| Red        |              |                   |                                  | 37              | 37            | 38         | 37       | 21          | 30        | 20           | 28          | 22        | 55           | 3.20     | 2.5            | 60           | 34      | 3.0      | 13       | 111         | 64                  | 149 | 66          | -97  | 0.3        | 18.6      | -0.5        | -0.8      | 4.9       | 1           | 43     | 1.37    | 0.81 | 0.12     | 0.40    |
| MAD 260001 |              |                   |                                  |                 |               |            |          |             |           |              |             |           | 20           | 39       | 37             | 37           | 37      | 38       |          | 37          | 29                  | 23  | 14          | 16   | 26         | 25        | 20          | 12        | 32        | 24          | 22     | 21      | 23   | 21       | 22      |
| MAD 260016 |              | RK 210055         |                                  | 103             | 92            | 97         | 112      | 76          | 87        |              |             | 90        | 81           | 113      | 94             | 88           | 92      | 97       | 95       | 97          | 92                  | 76  | 100         | 85   | 81         | 96        | 100         | 103       | 61        | 90          | 85     | 92      | 116  | 91       | 94      |
| Red        |              |                   |                                  | 46              | 36            | 28         | 28       | 19          | 28        |              |             | 25        | 42           | 0.44     | -0.8           | 46           | 29      | 5.9      | 14       | 124         | 58                  | 125 | 78          | -74  | -0.1       | 18.7      | -4.1        | -2.6      | 11.3      | -1          | 37     | 1.99    | 3.83 | -0.10    | 0.57    |
| MAD 260016 |              |                   |                                  |                 |               |            |          |             |           |              |             |           | 25           | 59       | 39             | 28           | 36      | 28       |          | 31          | 28                  | 25  | 24          | 8    | 28         | 27        | 21          | 11        | 26        | 26          | 25     | 24      | 26   | 24       | 25      |
| MAD 260019 |              | MAD 240001        |                                  | 88              | 94            | 96         | 106      | 81          | 84        |              |             | 91        | 87           | 98       | 84             | 93           | 94      | 96       | 95       | 95          | 94                  | 86  | 93          | 99   | 102        | 105       | 103         | 104       | 66        | 105         | 92     | 90      | 102  | 91       | 91      |
| Red        |              |                   |                                  | 43              | 26            | 26         | 23       | 18          | 24        |              |             | 14        | 49           | 1.79     | 0.4            | 53           | 31      | 5.5      | 14       | 121         | 59                  | 165 | 56          | -98  | 0.7        | 22.9      | -5.6        | -2.8      | 14.1      | 0           | 43     | 1.82    | 2.12 | -0.10    | 0.51    |
| MAD 260019 |              |                   |                                  |                 |               |            |          |             |           |              |             |           | 15           | 55       | 35             | 23           | 26      | 26       |          | 25          | 20                  | 16  | 11          | 11   | 19         | 18        | 17          | 12        | 24        | 17          | 16     | 14      | 15   | 14       | 14      |
| MAD 260034 |              | RK 230061         |                                  | 92              | 90            | 96         | 112      | 69          | 79        |              |             | 90        | 81           | 94       | 87             | 88           | 90      | 96       | 94       | 94          | 89                  | 84  | 90          | 96   | 94         | 100       | 92          | 88        | 65        | 100         | 90     | 84      | 101  | 104      | 85      |
| Black      |              |                   |                                  | 47              | 34            | 25         | 22       | 17          | 26        |              |             | 18        | 42           | 2.20     | 0.0            | 46           | 29      | 5.5      | 13       | 118         | 54                  | 157 | 50          | -92  | 0.4        | 20.7      | -0.4        | -0.6      | 13.4      | 0           | 41     | 1.27    | 1.96 | 1.01     | 0.41    |
| MAD 260034 |              |                   |                                  |                 |               |            |          |             |           |              |             |           | 21           | 63       | 37             | 22           | 34      | 25       |          | 27          | 22                  | 20  | 10          | 7    | 24         | 23        | 15          | 10        | 25        | 22          | 19     | 17      | 20   | 17       | 18      |

# Breeding Values and Accuracies: Bulls

Inbreeding in red is high

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

| Animal     |              |                   |                                  | Selection Value |               |            |          |             |           |              |             |           | Birth        |          |                | Wean         |         |          |          |             | Growth & Adaptation |     |             |      |             | Fertility |             |           |           | Frame       |        | Carcass |      |          |         |
|------------|--------------|-------------------|----------------------------------|-----------------|---------------|------------|----------|-------------|-----------|--------------|-------------|-----------|--------------|----------|----------------|--------------|---------|----------|----------|-------------|---------------------|-----|-------------|------|-------------|-----------|-------------|-----------|-----------|-------------|--------|---------|------|----------|---------|
| ID         | % Inbreeding | Genomic Parentage | <div>Index<br/>EBV<br/>Acc</div> | Calv. Ease V    | Calv 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 % |
|            |              |                   | Sire ID<br>Dam ID                |                 |               |            |          |             |           |              |             |           |              |          |                |              |         |          |          |             |                     |     |             |      |             |           |             |           |           |             |        |         |      |          |         |
| MAD 260040 |              | FW 230031         |                                  | 101             | 82            | 99         | 127      | 78          | 82        |              |             | 86        | 70           | 111      | 83             | 74           | 82      | 99       | 93       | 96          | 84                  | 77  | 95          | 87   | 96          | 89        | 112         | 98        | 60        | 89          | 81     | 84      | 110  | 96       | 86      |
| Red        |              |                   |                                  | 47              | 34            | 26         | 24       | 18          | 27        |              |             | 22        | 26           | 0.65     | 0.5            | 29           | 24      | 6.5      | 12       | 122         | 50                  | 130 | 65          | -77  | 0.5         | 15.5      | -9.8        | -2.0      | 10.4      | -1          | 34     | 1.28    | 3.08 | 0.36     | 0.43    |
| MAD 260040 |              |                   |                                  |                 |               |            |          |             |           |              |             |           | 10           | 63       | 38             | 24           | 34      | 26       |          | 28          | 29                  | 23  | 20          | 5    | 25          | 24        | 21          | 9         | 24        | 24          | 22     | 21      | 22   | 21       | 22      |
| MAD 260041 |              | FW 230053         |                                  | 96              | 92            | 110        | 114      | 80          | 92        |              |             | 87        | 80           | 108      | 85             | 85           | 92      | 110      | 104      | 108         | 90                  | 74  | 100         | 82   | 100         | 94        | 109         | 101       | 62        | 90          | 86     | 90      | 99   | 94       | 90      |
| Red        |              |                   |                                  | 48              | 35            | 28         | 25       | 20          | 28        |              |             | 20        | 39           | 0.84     | 0.3            | 42           | 29      | 9.7      | 16       | 156         | 56                  | 119 | 77          | -68  | 0.6         | 17.6      | -8.3        | -2.4      | 11.9      | -1          | 38     | 1.80    | 1.72 | 0.17     | 0.50    |
| MAD 260041 |              |                   |                                  |                 |               |            |          |             |           |              |             |           | 11           | 63       | 39             | 25           | 35      | 28       |          | 29          | 31                  | 25  | 20          | 5    | 27          | 27        | 23          | 10        | 26        | 26          | 24     | 20      | 21   | 20       | 20      |
| MAD 260044 |              | FW 230044         |                                  | 87              | 98            | 121        | 120      | 69          | 99        |              |             | 92        | 77           | 98       | 72             | 79           | 98      | 121      | 113      | 126         | 99                  | 82  | 96          | 92   | 97          | 101       | 101         | 90        | 58        | 97          | 91     | 92      | 109  | 106      | 93      |
| Red        |              |                   |                                  | 47              | 35            | 26         | 24       | 19          | 27        |              |             | 20        | 36           | 1.81     | 1.8            | 34           | 33      | 13.3     | 20       | 207         | 64                  | 150 | 66          | -86  | 0.5         | 20.9      | -4.9        | -0.9      | 9.5       | 0           | 42     | 1.98    | 2.95 | 1.18     | 0.55    |
| MAD 260044 |              |                   |                                  |                 |               |            |          |             |           |              |             |           | 10           | 63       | 38             | 24           | 35      | 26       |          | 28          | 30                  | 23  | 19          | 4    | 26          | 25        | 22          | 10        | 25        | 24          | 22     | 20      | 21   | 20       | 20      |
| MAD 260048 |              | FW 220073         |                                  | 85              | 111           | 101        | 106      | 79          | 102       |              |             | 100       | 88           | 87       | 84             | 93           | 111     | 101      | 104      | 112         | 105                 | 91  | 98          | 104  | 95          | 97        | 99          | 109       | 63        | 119         | 108    | 112     | 105  | 93       | 112     |
| Red        |              |                   |                                  | 51              | 36            | 30         | 26       | 23          | 30        |              |             | 24        | 50           | 2.83     | 0.4            | 53           | 39      | 6.8      | 18       | 167         | 69                  | 183 | 72          | -107 | 0.4         | 19.1      | -4.0        | -3.4      | 12.1      | 1           | 55     | 3.94    | 2.45 | 0.12     | 0.91    |
| MAD 260048 |              |                   |                                  |                 |               |            |          |             |           |              |             |           | 16           | 64       | 41             | 26           | 36      | 30       |          | 31          | 32                  | 27  | 22          | 9    | 29          | 28        | 25          | 15        | 29        | 28          | 26     | 23      | 25   | 23       | 24      |
| MAD 260051 |              | CP 147802         |                                  | 108             | 86            | 81         | 135      | 73          | 80        |              |             | 78        | 64           | 107      | 91             | 69           | 86      | 81       | 83       | 85          | 79                  | 74  | 94          | 88   | 92          | 86        | 104         | 102       | 53        | 100         | 85     | 79      | 93   | 89       | 79      |
| Red        |              |                   |                                  | 53              | 38            | 39         | 37       | 27          | 34        |              |             | 10        | 19           | 0.96     | -0.5           | 22           | 26      | 0.7      | 9        | 91          | 45                  | 120 | 60          | -79  | 0.3         | 14.2      | -6.2        | -2.6      | 7.0       | 0           | 37     | 0.75    | 0.92 | -0.21    | 0.29    |
| MAD 260051 |              |                   |                                  |                 |               |            |          |             |           |              |             |           | 17           | 64       | 47             | 37           | 38      | 39       |          | 38          | 30                  | 13  | 10          | 7    | 15          | 14        | 28          | 18        | 34        | 14          | 13     | 9       | 10   | 9        | 10      |
| MAD 260057 |              | FW 220084         |                                  | 111             | 83            | 100        | 104      | 81          | 82        |              |             | 98        | 89           | 119      | 105            | 96           | 83      | 100      | 94       | 89          | 83                  | 91  | 115         | 103  | 100         | 99        | 107         | 106       | 63        | 112         | 104    | 105     | 101  | 88       | 104     |
| Red        |              |                   |                                  | 51              | 35            | 28         | 26       | 22          | 29        |              |             | 23        | 51           | -0.16    | -2.1           | 56           | 25      | 6.7      | 13       | 102         | 48                  | 183 | 120         | -105 | 0.6         | 20.0      | -7.6        | -3.0      | 12.0      | 1           | 52     | 3.24    | 1.96 | -0.28    | 0.77    |
| MAD 260057 |              |                   |                                  |                 |               |            |          |             |           |              |             |           | 15           | 64       | 41             | 26           | 35      | 28       |          | 30          | 32                  | 26  | 21          | 9    | 28          | 28        | 24          | 14        | 28        | 27          | 25     | 22      | 24   | 22       | 23      |
| MAD 260060 |              | RK 200051         |                                  | 107             | 82            | 92         | 108      | 74          | 75        |              |             | 92        | 86           | 113      | 101            | 93           | 82      | 92       | 89       | 83          | 81                  | 85  | 104         | 98   | 94          | 98        | 103         | 95        | 62        | 106         | 97     | 96      | 100  | 102      | 96      |
| Red        |              |                   |                                  | 48              | 33            | 24         | 22       | 16          | 26        |              |             | 20        | 48           | 0.42     | -1.6           | 52           | 25      | 4.2      | 11       | 86          | 47                  | 160 | 90          | -97  | 0.4         | 19.4      | -5.5        | -1.5      | 11.8      | 0           | 46     | 2.39    | 1.80 | 0.85     | 0.61    |
| MAD 260060 |              |                   |                                  |                 |               |            |          |             |           |              |             |           | 19           | 63       | 38             | 22           | 33      | 24       |          | 26          | 27                  | 21  | 6           | 5    | 24          | 23        | 14          | 9         | 25        | 23          | 20     | 18      | 21   | 18       | 20      |
| MAD 260063 |              | CBR 140299        |                                  | 120             | 83            | 83         | 100      | 68          | 73        |              |             | 91        | 92           | 118      | 118            | 101          | 83      | 83       | 83       | 74          | 76                  | 81  | 89          | 94   | 81          | 102       | 99          | 93        | 56        | 106         | 92     | 88      | 101  | 103      | 89      |
| Black      |              |                   |                                  | 53              | 34            | 38         | 36       | 23          | 32        |              |             | 18        | 56           | -0.08    | -3.5           | 62           | 25      | 1.2      | 9        | 61          | 42                  | 146 | 44          | -89  | 0.0         | 21.4      | -4.0        | -1.3      | 8.4       | 0           | 43     | 1.65    | 1.94 | 0.96     | 0.48    |
| MAD 260063 |              |                   |                                  |                 |               |            |          |             |           |              |             |           | 20           | 64       | 46             | 36           | 34      | 38       |          | 36          | 24                  | 19  | 17          | 14   | 17          | 19        | 23          | 15        | 32        | 19          | 18     | 18      | 19   | 18       | 18      |

# 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 %           |
|                                            |              |                         |                     |                   |              |               |            |           |             |           |              |             |           |                 |                   |                   |                 |                 |                 |                 |                  |                       |                  |                  |                   |                  |                   |                    |                   |                   |                |                 |                   |                   |                   |                   |
| SK 101158<br>Red<br>SK101158               |              | KHC 060114<br>SK 010643 |                     |                   | 114<br>81    | 82<br>73      | 90<br>83   | 113<br>71 | 92<br>50    | 83<br>64  | 85<br>35     | 80<br>58    | 81<br>24  | 89<br>52<br>44  | 111<br>0.56<br>81 | 108<br>-2.4<br>77 | 87<br>45<br>71  | 82<br>24<br>73  | 90<br>4<br>83   | 87<br>11<br>76  | 83<br>86<br>76   | 88<br>54<br>61        | 85<br>161<br>44  | 126<br>151<br>37 | 87<br>-77<br>25   | 100<br>0.6<br>49 | 114<br>26.6<br>48 | 88<br>1.2<br>50    | 110<br>-3.6<br>32 | 89<br>26.5<br>69  | 78<br>-2<br>47 | 76<br>30<br>43  | 77<br>0.55<br>23  | 105<br>2.48<br>26 | 99<br>0.65<br>23  | 78<br>0.28<br>24  |
| SK 121266<br>Red<br>SK121266               |              | L107<br>SK 070956       |                     |                   | 73<br>79     | 106<br>77     | 110<br>82  | 92<br>72  | 109<br>53   | 101<br>65 | 118<br>41    | 104<br>60   | 106<br>42 | 107<br>76<br>50 | 86<br>2.96<br>80  | 75<br>1.5<br>77   | 107<br>70<br>72 | 106<br>36<br>77 | 110<br>10<br>82 | 109<br>19<br>77 | 109<br>159<br>77 | 114<br>79<br>60       | 119<br>290<br>52 | 95<br>62<br>39   | 116<br>-128<br>29 | 110<br>1.0<br>59 | 125<br>31.7<br>57 | 101<br>-4.7<br>53  | 122<br>-5.2<br>37 | 99<br>32.0<br>68  | 114<br>1<br>55 | 107<br>54<br>50 | 98<br>2.64<br>40  | 91<br>0.67<br>45  | 78<br>-1.19<br>41 | 98<br>0.64<br>42  |
| WB 120173<br>Red<br>SUNSATION 120173       |              | WB 090105<br>WB 080005  |                     |                   | 101<br>80    | 79<br>78      | 72<br>82   | 111<br>77 | 90<br>57    | 66<br>67  | 90<br>45     | 66<br>63    | 86<br>70  | 88<br>50<br>54  | 110<br>0.69<br>81 | 94<br>-0.8<br>79  | 91<br>50<br>77  | 79<br>23<br>78  | 72<br>-2<br>82  | 74<br>6<br>79   | 64<br>35<br>79   | 82<br>48<br>69        | 96<br>203<br>61  | 48<br>-72<br>89  | 96<br>-93<br>28   | 99<br>0.6<br>54  | 90<br>16.3<br>65  | 82<br>4.0<br>59    | 89<br>-0.8<br>41  | 103<br>34.6<br>71 | 85<br>-1<br>64 | 86<br>38<br>60  | 93<br>2.11<br>67  | 86<br>0.12<br>73  | 84<br>-0.62<br>67 | 91<br>0.52<br>70  |
| SK 131342<br>Red<br>SK131342               | 2            | WB 080071<br>SK 030768  |                     |                   | 101<br>80    | 111<br>77     | 120<br>82  | 94<br>73  | 102<br>53   | 119<br>65 | 107<br>36    | 118<br>59   | 103<br>34 | 102<br>68<br>56 | 100<br>1.63<br>81 | 103<br>-1.9<br>77 | 104<br>66<br>73 | 111<br>39<br>77 | 120<br>13<br>82 | 117<br>22<br>77 | 122<br>194<br>77 | 108<br>73<br>64       | 103<br>230<br>46 | 112<br>113<br>33 | 105<br>-108<br>25 | 108<br>0.9<br>50 | 106<br>23.3<br>50 | 92<br>-0.6<br>53   | 122<br>-5.2<br>38 | 94<br>29.6<br>67  | 119<br>1<br>49 | 118<br>63<br>45 | 101<br>2.86<br>33 | 86<br>0.14<br>36  | 98<br>0.50<br>33  | 99<br>0.67<br>34  |
| CBR 140298<br>Black<br>CBR MODERN MAMMA 29 | 1            | SV 110175<br>WB 050489  |                     |                   | 99<br>77     | 98<br>69      | 107<br>78  | 90<br>73  | 93<br>47    | 96<br>61  | 82<br>32     | 91<br>55    | 91<br>36  | 107<br>76<br>38 | 99<br>1.75<br>79  | 104<br>-1.9<br>75 | 109<br>73<br>73 | 98<br>32<br>69  | 107<br>9<br>78  | 104<br>17<br>73 | 100<br>134<br>73 | 92<br>57<br>53        | 82<br>149<br>38  | 84<br>32<br>31   | 83<br>-71<br>26   | 83<br>0.0<br>36  | 81<br>11.9<br>40  | 94<br>-1.4<br>46   | 98<br>-2.0<br>31  | 95<br>29.8<br>65  | 87<br>-1<br>40 | 86<br>38<br>37  | 84<br>1.25<br>34  | 106<br>2.57<br>37 | 106<br>1.24<br>34 | 86<br>0.41<br>36  |
| CP 147794<br>Red<br>BRENDLE A              |              | AK 100168<br>CP 096052  |                     |                   | 118<br>80    | 98<br>75      | 101<br>77  | 116<br>73 | 79<br>51    | 102<br>64 |              |             | 91<br>19  | 86<br>48<br>28  | 113<br>0.40<br>81 | 143<br>-6.5<br>77 | 84<br>41<br>73  | 98<br>32<br>75  | 101<br>7<br>77  | 100<br>15<br>75 | 106<br>150<br>75 | 86<br>51<br>56        | 91<br>182<br>24  | 89<br>47<br>19   | 91<br>-83<br>11   | 101<br>0.6<br>26 | 87<br>14.6<br>27  | 72<br>8.8<br>54    | 91<br>-1.0<br>33  | 93<br>28.9<br>67  | 93<br>-1<br>26 | 91<br>42<br>23  | 88<br>1.63<br>18  | 87<br>0.25<br>20  | 91<br>-0.06<br>18 | 87<br>0.44<br>19  |
| CP 147802<br>Red<br>RED DOLLY              | 1            | CP 065056<br>CP 096177  |                     |                   | 125<br>80    | 79<br>76      | 69<br>79   | 158<br>74 | 95<br>53    | 87<br>65  | 71<br>20     | 81<br>56    | 71<br>20  | 56<br>8<br>34   | 113<br>0.39<br>81 | 105<br>-2.1<br>78 | 53<br>2<br>74   | 79<br>23<br>76  | 69<br>-3<br>79  | 72<br>6<br>76   | 72<br>57<br>76   | 73<br>39<br>61        | 78<br>134<br>26  | 96<br>66<br>19   | 81<br>-66<br>14   | 101<br>0.6<br>30 | 76<br>9.8<br>29   | 103<br>-5.8<br>56  | 107<br>-3.2<br>36 | 86<br>24.9<br>67  | 87<br>-1<br>28 | 78<br>32<br>25  | 72<br>0.14<br>18  | 80<br>-0.66<br>21 | 85<br>-0.60<br>18 | 71<br>0.14<br>20  |
| CP 147874<br>Red<br>RED MAGGIE             | 1            | CP 065056<br>CP 096093  |                     |                   | 114<br>79    | 81<br>77      | 77<br>81   | 126<br>75 | 97<br>54    | 81<br>66  | 72<br>20     | 76<br>57    | 70<br>18  | 78<br>38<br>30  | 104<br>1.29<br>81 | 106<br>-2.1<br>78 | 76<br>31<br>75  | 81<br>24<br>77  | 77<br>-1<br>81  | 78<br>8<br>78   | 74<br>63<br>78   | 80<br>45<br>61        | 79<br>137<br>25  | 98<br>73<br>18   | 81<br>-67<br>13   | 93<br>0.4<br>27  | 81<br>11.9<br>27  | 99<br>-3.9<br>57   | 100<br>-2.2<br>37 | 96<br>30.5<br>68  | 82<br>-1<br>26 | 75<br>29<br>24  | 71<br>-0.04<br>17 | 81<br>-0.52<br>18 | 87<br>-0.36<br>17 | 69<br>0.11<br>18  |
| CP 147886<br>Red<br>APACHE 14              |              | CP 116605<br>CP 106320  |                     |                   | 99<br>77     | 100<br>75     | 82<br>76   | 101<br>74 | 82<br>53    | 87<br>64  | 95<br>34     | 86<br>58    | 89<br>35  | 100<br>66<br>38 | 101<br>1.55<br>79 | 100<br>-1.4<br>76 | 100<br>62<br>74 | 100<br>33<br>75 | 82<br>1<br>76   | 88<br>12<br>75  | 86<br>96<br>75   | 104<br>69<br>53       | 97<br>205<br>37  | 95<br>63<br>33   | 102<br>-103<br>31 | 92<br>0.3<br>37  | 93<br>17.2<br>38  | 86<br>2.3<br>55    | 85<br>-0.2<br>38  | 93<br>28.8<br>66  | 93<br>-1<br>37 | 90<br>41<br>37  | 88<br>1.69<br>35  | 99<br>1.73<br>35  | 94<br>0.22<br>34  | 89<br>0.48<br>35  |
| CP 147890<br>Black<br>JACKPOT              | 5            | CP 116627<br>CP 085627  |                     |                   | 85<br>77     | 105<br>75     | 96<br>76   | 105<br>70 | 96<br>52    | 99<br>63  | 103<br>34    | 98<br>57    | 95<br>32  | 97<br>62<br>35  | 90<br>2.56<br>79  | 85<br>0.3<br>74   | 94<br>54<br>70  | 105<br>36<br>75 | 96<br>5<br>76   | 99<br>16<br>74  | 103<br>143<br>74 | 104<br>69<br>55       | 104<br>233<br>36 | 77<br>10<br>28   | 109<br>-115<br>30 | 100<br>0.6<br>37 | 106<br>23.3<br>37 | 116<br>-11.7<br>52 | 101<br>-2.4<br>36 | 82<br>22.9<br>67  | 112<br>1<br>37 | 101<br>49<br>36 | 92<br>2.02<br>32  | 90<br>0.54<br>33  | 99<br>0.59<br>32  | 91<br>0.52<br>32  |
| NK 150084<br>Red<br>JESSY                  |              | P27<br>NK 070019        |                     |                   | 100<br>80    | 80<br>79      | 98<br>82   | 119<br>75 | 81<br>54    | 78<br>66  | 107<br>26    | 80<br>58    | 95<br>29  | 83<br>44<br>40  | 110<br>0.68<br>81 | 86<br>0.1<br>78   | 81<br>38<br>75  | 80<br>23<br>79  | 98<br>6<br>82   | 92<br>12<br>79  | 90<br>106<br>79  | 93<br>58<br>59        | 113<br>268<br>38 | 107<br>98<br>22  | 111<br>-119<br>14 | 94<br>0.4<br>42  | 115<br>27.0<br>41 | 84<br>3.5<br>56    | 77<br>0.9<br>37   | 98<br>31.4<br>68  | 101<br>0<br>40 | 91<br>42<br>37  | 101<br>2.87<br>28 | 99<br>1.73<br>30  | 108<br>1.37<br>28 | 100<br>0.70<br>29 |
| RK 150066<br>Red<br>PRINCESA               |              | WAF351U<br>RR 070154    |                     |                   | 123<br>79    | 75<br>75      | 105<br>78  | 114<br>74 | 98<br>47    | 87<br>63  | 85<br>38     | 84<br>58    | 82<br>42  | 91<br>55<br>70  | 109<br>0.79<br>80 | 120<br>-3.8<br>77 | 86<br>43<br>74  | 75<br>21<br>75  | 105<br>8<br>78  | 95<br>12<br>76  | 90<br>105<br>76  | 73<br>39<br>64        | 88<br>171<br>49  | 80<br>19<br>31   | 82<br>-69<br>24   | 121<br>1.3<br>57 | 81<br>12.1<br>56  | 95<br>-1.7<br>46   | 100<br>-2.2<br>30 | 101<br>33.3<br>65 | 79<br>-2<br>53 | 78<br>32<br>47  | 79<br>0.76<br>39  | 101<br>1.97<br>45 | 113<br>1.79<br>39 | 80<br>0.31<br>42  |

# 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 %     |
|                                 |              |                   |                     |                   |              |               |            |           |             |           |              |             |           |               |              |                |              |           |           |           |             |                       |            |             |             |            |             |              |             |             |             |           |             |             |             |             |
| RK 150085<br>Red<br>RK150085    |              | WB<br>RK          | 110293<br>080001    |                   | 108<br>77    | 98<br>73      | 86<br>71   | 92<br>71  | 105<br>49   | 95<br>61  | 84<br>42     | 91<br>57    | 89<br>44  | 109<br>78     | 102<br>1.42  | 113<br>-2.9    | 109<br>73    | 98<br>33  | 86<br>2   | 90<br>12  | 85<br>93    | 93<br>59              | 89<br>174  | 98<br>72    | 87<br>-77   | 104<br>0.8 | 95<br>18.1  | 131<br>-18.8 | 108<br>-3.3 | 81<br>22.4  | 88<br>-1    | 88<br>40  | 83<br>1.13  | 86<br>0.08  | 88<br>-0.35 | 82<br>0.35  |
| WE 150046<br>Red<br>WE1546      | 1            | CP<br>CP          | 106312<br>096026    |                   | 136<br>78    | 79<br>76      | 71<br>77   | 119<br>71 | 90<br>54    | 80<br>64  | 90<br>32     | 79<br>58    | 85<br>34  | 83<br>43      | 131<br>-1.24 | 127<br>-4.6    | 84<br>41     | 79<br>23  | 71<br>-3  | 74<br>6   | 65<br>37    | 77<br>43              | 92<br>187  | 103<br>85   | 97<br>-94   | 97<br>0.5  | 95<br>18.3  | 105<br>-6.6  | 86<br>-0.3  | 90<br>27.3  | 102<br>0    | 94<br>44  | 75<br>0.42  | 84<br>-0.10 | 88<br>-0.28 | 75<br>0.21  |
| LPA 160031<br>Red<br>LPA160031  | 2            | LB<br>HOL         | 110014<br>050035    |                   | 72<br>75     | 116<br>74     | 85<br>76   | 88<br>74  | 68<br>43    | 88<br>61  | 89<br>40     | 86<br>57    | 80<br>44  | 111<br>81     | 56<br>5.76   | 50<br>4.4      | 114<br>79    | 116<br>42 | 85<br>2   | 95<br>15  | 96<br>122   | 120<br>84             | 93<br>192  | 100<br>79   | 101<br>-101 | 101<br>0.6 | 96<br>18.6  | 79<br>5.7    | 81<br>0.3   | 79<br>20.8  | 101<br>0    | 93<br>43  | 85<br>1.37  | 78<br>-0.89 | 93<br>0.08  | 83<br>0.37  |
| RK 160049<br>Red<br>RK160049    |              | W384<br>WB        | 110014<br>060010    |                   | 96<br>76     | 104<br>70     | 125<br>78  | 128<br>74 | 97<br>48    | 119<br>61 | 96<br>46     | 115<br>58   | 99<br>50  | 75<br>33      | 94<br>2.21   | 81<br>0.7      | 71<br>25     | 104<br>36 | 125<br>14 | 118<br>21 | 140<br>243  | 99<br>64              | 100<br>219 | 91<br>51    | 101<br>-102 | 103<br>0.7 | 98<br>19.6  | 70<br>9.7    | 95<br>-1.5  | 119<br>43.1 | 108<br>1    | 109<br>56 | 94<br>2.26  | 113<br>3.42 | 96<br>0.33  | 96<br>0.62  |
| WE 160022<br>Black<br>WE160022  |              | GT<br>HOL         | 110493<br>130054    |                   | 72<br>71     | 104<br>72     | 108<br>71  | 108<br>69 | 73<br>43    | 92<br>59  | 83<br>30     | 88<br>53    | 89<br>40  | 91<br>55      | 58<br>5.61   | 47<br>4.7      | 91<br>50     | 104<br>36 | 108<br>9  | 107<br>18 | 114<br>171  | 109<br>73             | 84<br>157  | 81<br>23    | 82<br>-68   | 95<br>0.4  | 78<br>10.5  | 96<br>-2.6   | 84<br>2.6   | 85<br>24.2  | 93<br>-1    | 89<br>40  | 70<br>-0.08 | 107<br>2.69 | 128<br>3.11 | 73<br>0.17  |
| WE 170013<br>Black<br>WE170013  | 2            | WE<br>WE          | 140012<br>130003    |                   | 99<br>69     | 87<br>71      | 112<br>70  | 108<br>72 | 79<br>43    | 87<br>58  |              |             | 105<br>17 | 92<br>56      | 109<br>0.79  | 91<br>-0.4     | 90<br>49     | 87<br>27  | 112<br>10 | 104<br>16 | 103<br>143  | 87<br>53              | 100<br>218 | 43<br>-88   | 97<br>-94   | 85<br>0.1  | 96<br>18.6  | 78<br>5.8    | 85<br>-0.2  | 92<br>28.3  | 100<br>0    | 100<br>49 | 100<br>2.84 | 109<br>2.88 | 111<br>1.62 | 102<br>0.72 |
| RAT 180806<br>Red<br>RAT 180806 | 5            | WB<br>RAT         | 130316<br>140403    |                   | 110<br>57    | 90<br>55      | 98<br>54   | 92<br>51  | 93<br>43    | 88<br>47  | 121<br>33    | 93<br>44    | 114<br>44 | 108<br>76     | 119<br>-0.12 | 109<br>-2.5    | 109<br>73    | 90<br>29  | 98<br>6   | 95<br>13  | 88<br>101   | 93<br>59              | 120<br>292 | 111<br>108  | 116<br>-127 | 112<br>1.0 | 104<br>22.3 | 91<br>-0.1   | 102<br>-2.5 | 95<br>29.8  | 99<br>0     | 108<br>56 | 125<br>5.20 | 92<br>0.86  | 107<br>1.30 | 123<br>1.12 |
| RAT 180807<br>Red<br>RAT 180807 | 5            | WB<br>RAT         | 130316<br>140403    |                   | 110<br>57    | 90<br>55      | 98<br>54   | 92<br>51  | 92<br>42    | 88<br>47  | 121<br>33    | 93<br>44    | 114<br>44 | 108<br>76     | 119<br>-0.12 | 109<br>-2.5    | 109<br>73    | 90<br>29  | 98<br>6   | 95<br>13  | 88<br>101   | 93<br>59              | 120<br>292 | 111<br>108  | 116<br>-127 | 112<br>1.0 | 104<br>22.3 | 91<br>-0.1   | 102<br>-2.5 | 93<br>28.8  | 99<br>0     | 108<br>56 | 125<br>5.20 | 92<br>0.86  | 107<br>1.30 | 123<br>1.12 |
| RAT 180810<br>Red<br>RAT 180810 | 2            | WB<br>WB          | 130316<br>140149    |                   | 92<br>64     | 92<br>67      | 110<br>56  | 101<br>54 | 97<br>41    | 93<br>52  | 111<br>32    | 95<br>48    | 106<br>43 | 95<br>60      | 106<br>1.07  | 88<br>-0.1     | 97<br>58     | 92<br>29  | 110<br>10 | 104<br>16 | 103<br>142  | 95<br>61              | 110<br>256 | 103<br>87   | 111<br>-119 | 113<br>1.1 | 104<br>22.2 | 97<br>-2.8   | 102<br>-2.6 | 96<br>30.6  | 100<br>0    | 105<br>53 | 111<br>3.90 | 91<br>0.76  | 110<br>1.52 | 110<br>0.87 |
| RK 180036<br>Red<br>RK180036    | 1            | RK<br>RK          | 150094<br>150116    |                   | 115<br>70    | 84<br>70      | 81<br>65   | 132<br>68 | 108<br>43   | 91<br>57  | 87<br>34     | 89<br>52    | 90<br>34  | 72<br>29      | 111<br>0.57  | 101<br>-1.6    | 71<br>25     | 84<br>26  | 81<br>1   | 82<br>9   | 83<br>87    | 86<br>51              | 91<br>184  | 88<br>42    | 93<br>-88   | 105<br>0.8 | 94<br>17.9  | 99<br>-3.8   | 108<br>-3.3 | 107<br>36.8 | 92<br>-1    | 91<br>42  | 88<br>1.60  | 103<br>2.23 | 110<br>1.55 | 89<br>0.47  |
| RK 180040<br>Red<br>RK180040    |              | 911U<br>FW        | 100082              |                   | 103<br>75    | 113<br>75     | 70<br>70   | 112<br>71 | 109<br>47   | 107<br>61 | 97<br>36     | 105<br>56   | 92<br>41  | 91<br>54      | 76<br>3.92   | 100<br>-1.5    | 90<br>49     | 113<br>40 | 70<br>-3  | 84<br>12  | 91<br>108   | 104<br>69             | 91<br>182  | 81<br>24    | 82<br>-68   | 113<br>1.1 | 92<br>16.9  | 106<br>-7.3  | 107<br>-3.2 | 105<br>35.4 | 63<br>-3    | 77<br>31  | 94<br>2.26  | 89<br>0.50  | 111<br>1.60 | 93<br>0.56  |
| WE 180032<br>Red<br>WE180032    |              | R240<br>LPA       | 130008              |                   | 116<br>75    | 86<br>74      | 111<br>72  | 95<br>75  | 97<br>53    | 93<br>63  | 104<br>42    | 94<br>59    | 102<br>46 | 101<br>68     | 116<br>0.12  | 114<br>-3.1    | 103<br>66    | 86<br>26  | 111<br>10 | 103<br>16 | 96<br>124   | 89<br>54              | 102<br>226 | 105<br>91   | 104<br>-107 | 113<br>1.1 | 105<br>22.7 | 96<br>-2.6   | 103<br>-2.7 | 95<br>29.8  | 113<br>1    | 106<br>54 | 101<br>2.90 | 115<br>3.59 | 89<br>-0.25 | 103<br>0.74 |

# 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 % |  |
|           |              |                   |                        |                   |              |               |            |           |             |           |              |             |           |               |             |                |              |          |           |            |             |            |                       |             |            |             |             |             |             |           |             |             |             |             |             |         |  |
| CP 199218 | Red          | 1                 | CP 137253<br>CP 137363 | 114<br>68         | 111<br>61    | 104<br>59     | 104<br>42  | 103<br>49 | 120<br>51   | 89<br>24  | 115<br>46    | 87<br>24    | 97<br>63  | 113<br>0.37   | 111<br>-2.7 | 96<br>56       | 111<br>39    | 104<br>8 | 106<br>18 | 113<br>171 | 105<br>70   | 89<br>177  | 91<br>52              | 89<br>-81   | 119<br>1.3 | 92<br>17.0  | 99<br>-3.8  | 104<br>-2.7 | 103<br>34.6 | 100<br>0  | 97<br>46    | 94<br>2.20  | 85<br>-0.05 | 90<br>-0.13 | 92<br>0.54  |         |  |
| RK 200051 | Red          |                   | RK 170031<br>RK 170036 | 92<br>66          | 113<br>66    | 99<br>49      | 99<br>44   | 99<br>32  | 109<br>48   | 102<br>27 | 108<br>44    | 98<br>38    | 100<br>67 | 75<br>4.00    | 92<br>-0.5  | 101<br>63      | 113<br>40    | 99<br>6  | 104<br>18 | 109<br>158 | 115<br>80   | 99<br>214  | 117<br>127            | 101<br>-101 | 104<br>0.8 | 100<br>20.4 | 100<br>-4.4 | 91<br>-1.1  | 103<br>34.6 | 100<br>0  | 101<br>50   | 107<br>3.42 | 94<br>1.09  | 110<br>1.53 | 105<br>0.79 |         |  |
| SK 200036 | Red          | 1                 | RK 160083<br>SK 131329 | 109<br>61         | 87<br>68     | 88<br>51      | 104<br>48  | 97<br>38  | 85<br>49    | 105<br>40 | 87<br>47     | 94<br>38    | 97<br>62  | 105<br>1.20   | 108<br>-2.4 | 96<br>57       | 87<br>27     | 88<br>3  | 88<br>11  | 83<br>87   | 91<br>57    | 105<br>236 | 101<br>79             | 107<br>-113 | 106<br>0.8 | 87<br>14.6  | 95<br>-2.1  | 100<br>-2.3 | 99<br>31.9  | 97<br>0   | 91<br>42    | 84<br>1.24  | 107<br>2.72 | 103<br>1.00 | 86<br>0.42  |         |  |
| RK 210055 | Red          |                   | 8180<br>BR 160044      | 102<br>66         | 105<br>71    | 104<br>57     | 107<br>55  | 102<br>39 | 110<br>53   | 85<br>34  | 105<br>49    | 95<br>50    | 91<br>54  | 108<br>0.90   | 97<br>-1.1  | 92<br>51       | 105<br>36    | 104<br>8 | 104<br>17 | 111<br>164 | 112<br>76   | 81<br>145  | 109<br>104            | 75<br>-56   | 77<br>-0.2 | 96<br>18.9  | 94<br>-1.7  | 107<br>-3.2 | 102<br>33.7 | 67<br>-3  | 78<br>32    | 98<br>2.62  | 127<br>5.15 | 87<br>-0.37 | 101<br>0.71 |         |  |
| SK 212007 | Black        |                   | WO 170019<br>SK 131355 | 110<br>59         | 80<br>55     | 96<br>46      | 115<br>41  | 94<br>32  | 83<br>43    | 94<br>23  | 83<br>39     | 90<br>22    | 88<br>50  | 112<br>0.55   | 102<br>-1.7 | 85<br>43       | 80<br>24     | 96<br>5  | 91<br>11  | 87<br>97   | 80<br>46    | 96<br>201  | 103<br>87             | 96<br>-93   | 96<br>0.5  | 91<br>16.7  | 90<br>0.4   | 97<br>-1.9  | 99<br>32.3  | 99<br>0   | 95<br>45    | 82<br>1.05  | 94<br>1.12  | 100<br>0.66 | 82<br>0.35  |         |  |
| SK 212021 | Black        |                   | WO 170019<br>SK 131335 | 106<br>59         | 89<br>54     | 83<br>45      | 101<br>43  | 86<br>31  | 79<br>42    | 94<br>22  | 79<br>38     | 92<br>22    | 102<br>69 | 108<br>0.87   | 105<br>-2.0 | 100<br>62      | 89<br>28     | 83<br>1  | 85<br>10  | 78<br>74   | 89<br>54    | 96<br>203  | 89<br>45              | 94<br>-90   | 96<br>0.5  | 88<br>15.1  | 78<br>6.2   | 93<br>-1.3  | 98<br>31.8  | 97<br>0   | 94<br>44    | 88<br>1.66  | 94<br>1.06  | 102<br>0.89 | 88<br>0.46  |         |  |
| SK 212023 | Black        | 1                 | WO 170019<br>SK 131321 | 101<br>57         | 94<br>53     | 90<br>42      | 113<br>39  | 77<br>31  | 86<br>41    | 95<br>22  | 85<br>37     | 93<br>24    | 89<br>52  | 100<br>1.66   | 96<br>-1.0  | 88<br>46       | 94<br>30     | 90<br>4  | 91<br>12  | 92<br>111  | 95<br>60    | 100<br>216 | 106<br>94             | 97<br>-95   | 86<br>0.1  | 88<br>15.3  | 88<br>1.5   | 77<br>0.9   | 88<br>26.2  | 102<br>0  | 101<br>49   | 88<br>1.62  | 104<br>2.26 | 105<br>1.15 | 89<br>0.48  |         |  |
| SK 212024 | Red          |                   | WO 170019<br>SK 121245 | 97<br>59          | 99<br>54     | 96<br>45      | 101<br>42  | 78<br>35  | 90<br>43    | 106<br>29 | 91<br>40     | 100<br>32   | 100<br>66 | 92<br>2.42    | 99<br>-1.4  | 99<br>60       | 99<br>33     | 96<br>6  | 97<br>15  | 97<br>126  | 101<br>66   | 106<br>241 | 91<br>53              | 109<br>-115 | 95<br>0.4  | 93<br>17.5  | 83<br>3.6   | 76<br>0.9   | 93<br>28.8  | 103<br>0  | 99<br>48    | 93<br>2.14  | 105<br>2.49 | 103<br>0.92 | 94<br>0.58  |         |  |
| SK 212040 | Red          | 3                 | RK 160083<br>SK 131336 | 101<br>59         | 94<br>57     | 83<br>47      | 97<br>41   | 84<br>35  | 82<br>44    | 96<br>36  | 82<br>42     | 95<br>34    | 104<br>72 | 103<br>1.34   | 102<br>-1.7 | 104<br>67      | 94<br>31     | 83<br>1  | 87<br>11  | 82<br>83   | 93<br>58    | 98<br>209  | 90<br>49              | 96<br>-93   | 113<br>1.1 | 85<br>14.0  | 89<br>1.0   | 98<br>-1.9  | 85<br>24.5  | 100<br>0  | 98<br>47    | 87<br>1.52  | 96<br>1.36  | 103<br>0.92 | 87<br>0.44  |         |  |
| SK 212054 | Red          | 1                 | RK 160078<br>SK 101158 | 119<br>61         | 86<br>55     | 88<br>50      | 110<br>44  | 94<br>34  | 88<br>44    | 90<br>36  | 86<br>42     | 89<br>31    | 89<br>52  | 117<br>0.00   | 113<br>-3.0 | 90<br>49       | 86<br>26     | 88<br>3  | 87<br>11  | 83<br>87   | 85<br>51    | 96<br>201  | 105<br>91             | 97<br>-95   | 99<br>0.6  | 109<br>24.6 | 93<br>-0.8  | 115<br>-4.2 | 86<br>25.1  | 104<br>0  | 88<br>40    | 85<br>1.33  | 101<br>1.95 | 117<br>2.14 | 86<br>0.42  |         |  |
| FW 220027 | Red          |                   | AV 170020<br>FW 140025 | 92<br>70          | 123<br>71    | 100<br>58     | 89<br>51   | 107<br>45 | 121<br>54   | 109<br>36 | 119<br>50    | 106<br>44   | 112<br>82 | 84<br>3.13    | 101<br>-1.6 | 111<br>76      | 123<br>45    | 100<br>7 | 108<br>20 | 113<br>169 | 122<br>86   | 106<br>240 | 148<br>216            | 107<br>-113 | 116<br>1.2 | 107<br>23.7 | 97<br>-3.1  | 112<br>-3.9 | 104<br>35.0 | 111<br>1  | 118<br>63   | 122<br>4.94 | 95<br>1.15  | 86<br>-0.49 | 120<br>1.07 |         |  |
| FW 220045 | Red          |                   | AV 170020<br>FW 110061 | 85<br>71          | 109<br>71    | 98<br>58      | 97<br>51   | 98<br>45  | 102<br>54   | 101<br>36 | 101<br>50    | 98<br>48    | 102<br>68 | 87<br>2.82    | 89<br>-0.2  | 102<br>65      | 109<br>38    | 98<br>6  | 102<br>17 | 105<br>147 | 111<br>76   | 96<br>200  | 119<br>132            | 95<br>-91   | 103<br>0.7 | 87<br>14.8  | 94<br>-1.5  | 102<br>-2.5 | 100<br>32.8 | 98<br>0   | 100<br>49   | 125<br>5.18 | 98<br>1.52  | 82<br>-0.83 | 122<br>1.11 |         |  |

# 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 % |
|            |              |                   |                     |                   |              |               |            |          |             |           |              |             |           |               |          |                |              |          |          |          |             |                       |     |             |      |            |           |             |           |           |             |        |         |      |          |         |
| FW 220069  |              | AV 170020         |                     | FW 140054         | 89           | 126           | 110        | 88       | 78          | 118       | 116          | 119         | 114       | 110           | 68       | 90             | 111          | 126      | 110      | 115      | 122         | 124                   | 114 | 114         | 116  | 132        | 113       | 70          | 79        | 101       | 120         | 122    | 127     | 101  | 91       | 125     |
| Red        |              | FW 140054         |                     |                   | 71           | 61            | 57         | 51       | 43          | 51        | 36           | 48          | 48        | 79            | 4.66     | -0.3           | 75           | 47       | 10       | 22       | 194         | 88                    | 270 | 117         | -127 | 1.7        | 26.2      | 9.6         | 0.5       | 33.0      | 2           | 66     | 5.34    | 1.98 | -0.10    | 1.16    |
| FW220069   |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 29            | 75       | 64             | 51           | 61       | 57       |          | 56          | 53                    | 42  | 17          | 57   | 56         | 44        | 27          | 57        | 55        | 52          | 46     | 50      | 46   | 48       |         |
| FW 220073  |              | AV 170020         |                     | FW 120025         | 88           | 131           | 108        | 97       | 109         | 133       | 117          | 132         | 114       | 104           | 72       | 87             | 102          | 131      | 108      | 116      | 129         | 125                   | 111 | 104         | 112  | 105        | 98        | 94          | 119       | 105       | 126         | 124    | 139     | 105  | 92       | 137     |
| Red        |              | FW 120025         |                     |                   | 72           | 71            | 59         | 53       | 46          | 55        | 36           | 51          | 47        | 71            | 4.25     | 0.1            | 64           | 49       | 9        | 23       | 213         | 89                    | 261 | 90          | -120 | 0.8        | 19.7      | -1.3        | -4.9      | 35.3      | 2           | 68     | 6.52    | 2.38 | 0.06     | 1.39    |
| FW220073   |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 32            | 76       | 65             | 53           | 71       | 59       |          | 61          | 65                    | 53  | 43          | 18   | 57         | 56        | 51          | 30        | 58        | 55          | 52     | 45      | 49   | 46       | 47      |
| FW 220084  |              | AV 170020         |                     | FW 160004         | 96           | 111           | 114        | 91       | 113         | 117       | 118          | 118         | 110       | 106           | 92       | 102            | 107          | 111      | 114      | 113      | 116         | 114                   | 111 | 138         | 110  | 116        | 102       | 109         | 114       | 104       | 112         | 116    | 124     | 97   | 83       | 122     |
| Red        |              | FW 160004         |                     |                   | 71           | 70            | 57         | 51       | 44          | 54        | 36           | 50          | 46        | 74            | 2.43     | -1.7           | 71           | 39       | 11       | 20       | 177         | 79                    | 259 | 186         | -118 | 1.2        | 21.4      | -8.6        | -4.1      | 35.1      | 1           | 62     | 5.11    | 1.41 | -0.73    | 1.11    |
| FW220084   |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 29            | 75       | 64             | 51           | 70       | 57       |          | 59          | 63                    | 52  | 41          | 18   | 56         | 55        | 49          | 28        | 56        | 54          | 50     | 44      | 47   | 44       | 46      |
| MAD 220002 |              | AV 190118         |                     | CP 199210         | 113          | 84            | 86         | 111      | 94          | 82        | 83           | 79          | 82        | 88            | 109      | 108            | 90           | 84       | 86       | 85       | 80          | 86                    | 84  | 95          | 84   | 115        | 94        | 99          | 94        | 95        | 84          | 80     | 88      | 96   | 95       | 87      |
| Red        | 2            |                   |                     |                   | 56           | 45            | 37         | 33       | 30          | 37        | 20           | 34          | 20        | 50            | 0.78     | -2.4           | 48           | 25       | 2        | 10       | 78          | 52                    | 157 | 63          | -72  | 1.1        | 17.8      | -4.0        | -1.4      | 30.0      | -1          | 33     | 1.61    | 1.27 | 0.32     | 0.45    |
| 22 002     |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 21            | 69       | 47             | 33           | 45       | 37       |          | 38          | 34                    | 22  | 13          | 17   | 26         | 25        | 30          | 18        | 42        | 24          | 21     | 20      | 21   | 20       | 20      |
| MAD 220004 |              | AV 190118         |                     | CP 199281         | 99           | 97            | 93         | 113      | 99          | 97        | 89           | 94          | 89        | 85            | 92       | 96             | 87           | 97       | 93       | 94       | 98          | 97                    | 89  | 97          | 90   | 121        | 101       | 98          | 102       | 98        | 86          | 83     | 95      | 111  | 93       | 96      |
| Red        | 3            |                   |                     |                   | 59           | 46            | 42         | 35       | 33          | 39        | 23           | 36          | 23        | 46            | 2.35     | -1.0           | 45           | 32       | 5        | 14       | 128         | 63                    | 176 | 69          | -83  | 1.4        | 20.8      | -3.3        | -2.5      | 31.8      | -1          | 35     | 2.31    | 3.14 | 0.15     | 0.62    |
| 22 004     |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 24            | 70       | 50             | 35           | 46       | 42       |          | 41          | 37                    | 26  | 15          | 19   | 30         | 29        | 34          | 22        | 44        | 28          | 25     | 23      | 23   | 23       | 23      |
| MAD 220005 |              | AV 190118         |                     | CP 199092         | 105          | 102           | 97         | 102      | 100         | 103       | 88           | 99          | 90        | 97            | 102      | 104            | 97           | 102      | 97       | 99       | 100         | 99                    | 87  | 88          | 88   | 119        | 101       | 96          | 103       | 101       | 89          | 87     | 93      | 100  | 97       | 93      |
| Red        | 1            |                   |                     |                   | 58           | 50            | 42         | 34       | 33          | 40        | 21           | 36          | 22        | 63            | 1.49     | -2.0           | 58           | 35       | 6        | 15       | 134         | 64                    | 167 | 44          | -79  | 1.3        | 20.9      | -2.5        | -2.6      | 33.1      | -1          | 38     | 2.14    | 1.82 | 0.47     | 0.56    |
| 22 005     |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 23            | 70       | 49             | 34           | 50       | 42       |          | 42          | 40                    | 23  | 14          | 18   | 26         | 25        | 33          | 21        | 44        | 25          | 22     | 21      | 22   | 21       | 22      |
| MAD 220011 |              | AV 190118         |                     | CP 199108         | 100          | 97            | 96         | 105      | 95          | 95        | 85           | 91          | 83        | 94            | 97       | 100            | 95           | 97       | 96       | 96       | 97          | 97                    | 84  | 92          | 86   | 115        | 97        | 87          | 105       | 97        | 85          | 81     | 87      | 101  | 95       | 88      |
| Red        | 1            |                   |                     |                   | 58           | 50            | 41         | 33       | 32          | 39        | 20           | 35          | 20        | 59            | 1.94     | -1.4           | 55           | 32       | 5        | 14       | 125         | 62                    | 155 | 56          | -75  | 1.2        | 19.1      | 1.6         | -2.9      | 31.0      | -1          | 34     | 1.56    | 1.89 | 0.24     | 0.45    |
| 22 011     |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 22            | 69       | 48             | 33           | 50       | 41       |          | 41          | 40                    | 22  | 13          | 18   | 25         | 24        | 32          | 20        | 44        | 24          | 21     | 20      | 20   | 20       | 20      |
| FW 230031  |              | AV 190115         |                     | FW 200060         | 117          | 65            | 104        | 138      | 107         | 83        | 85           | 80          | 86        | 67            | 129      | 92             | 64           | 65       | 104      | 91       | 89          | 76                    | 84  | 99          | 79   | 108        | 82        | 119         | 99        | 98        | 66          | 70     | 83      | 115  | 98       | 86      |
| Red        | 1            |                   |                     |                   | 83           | 84            | 81         | 80       | 79          | 74        | 78           | 75          | 80        | 23            | -1.10    | -0.5           | 16           | 16       | 8        | 11       | 102         | 42                    | 155 | 76          | -63  | 0.9        | 12.4      | -13.1       | -2.1      | 31.8      | -3          | 25     | 1.20    | 3.66 | 0.55     | 0.42    |
| FW230031   |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 77            | 85       | 82             | 80           | 84       | 81       |          | 82          | 82                    | 80  | 79          | 80   | 80         | 79        | 77          | 80        | 80        | 79          | 79     | 80      | 79   | 80       | 80      |
| FW 230034  |              | WE 190029         |                     | FW 160028         | 98           | 103           | 124        | 110      | 86          | 111       | 84           | 105         | 90        | 93            | 98       | 92             | 88           | 103      | 124      | 117      | 127         | 99                    | 86  | 104         | 83   | 122        | 95        | 86          | 76        | 105       | 78          | 88     | 96      | 91   | 96       | 95      |
| Red        | 1            |                   |                     |                   | 86           | 87            | 84         | 83       | 82          | 76        | 82           | 77          | 82        | 57            | 1.81     | -0.6           | 46           | 35       | 14       | 21       | 208         | 64                    | 165 | 90          | -70  | 1.4        | 18.4      | 2.5         | 1.0       | 35.4      | -2          | 39     | 2.40    | 0.71 | 0.40     | 0.59    |
| FW230034   |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 80            | 87       | 85             | 83           | 87       |          | 84       | 85          | 85                    | 83  | 81          | 80   | 84         | 83        | 82          | 80        | 84        | 83          | 83     | 82      | 82   | 82       | 82      |
| FW 230044  |              | WE 190029         |                     | FW 180078         | 105          | 81            | 144        | 124      | 88          | 104       | 89           | 100         | 98        | 82            | 124      | 82             | 73           | 81       | 144      | 123      | 136         | 90                    | 94  | 101         | 90   | 110        | 106       | 98          | 82        | 95        | 81          | 91     | 98      | 113  | 118      | 100     |
| Red        | 1            |                   |                     |                   | 86           | 87            | 84         | 83       | 82          | 76        | 82           | 77          | 82        | 42            | -0.66    | 0.6            | 27           | 24       | 21       | 22       | 232         | 56                    | 195 | 79          | -82  | 1.0        | 23.3      | -3.2        | 0.2       | 30.0      | -1          | 42     | 2.59    | 3.39 | 2.20     | 0.68    |
| FW230044   |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 80            | 88       | 85             | 83           | 87       | 84       |          | 85          | 84                    | 82  | 81          | 80   | 83         | 83        | 82          | 80        | 83        | 83          | 82     | 82      | 82   | 82       | 82      |
| FW 230053  |              | WE 190029         |                     | FW 140025         | 111          | 81            | 124        | 112      | 110         | 101       | 77           | 95          | 88        | 87            | 129      | 96             | 85           | 81       | 124      | 110      | 111         | 86                    | 78  | 108         | 69   | 117        | 92        | 112         | 105       | 104       | 68          | 79     | 94      | 93   | 94       | 93      |
| Red        | 1            |                   |                     |                   | 87           | 87            | 84         | 83       | 82          | 76        | 82           | 77          | 82        | 50            | -1.07    | -1.0           | 42           | 24       | 14       | 18       | 165         | 51                    | 132 | 100         | -46  | 1.2        | 16.7      | -10.0       | -2.9      | 34.8      | -2          | 33     | 2.24    | 0.93 | 0.16     | 0.56    |
| FW230053   |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 80            | 88       | 85             | 83           | 87       | 84       |          | 85          | 85                    | 83  | 82          | 80   | 84         | 84        | 82          | 80        | 84        | 84          | 83     | 82      | 82   | 82       | 82      |
| FW 230088  |              | FW 210021         |                     | FW 210031         | 84           | 102           | 115        | 104      | 79          | 98        | 99           | 97          | 105       | 103           | 90       | 82             | 94           | 102      | 115      | 111      | 115         | 103                   | 102 | 86          | 105  | 106        | 117       | 70          | 74        | 105       | 100         | 95     | 92      | 118  | 114      | 95      |
| Red        | 2            |                   |                     |                   | 82           | 83            | 80         | 78       | 78          | 73        | 78           | 74          | 78        | 70            | 2.53     | 0.6            | 54           | 35       | 11       | 19       | 177         | 68                    | 223 | 36          | -108 | 0.8        | 28.1      | 9.6         | 1.2       | 35.7      | 0           | 45     | 2.03    | 3.96 | 1.90     | 0.59    |
| FW230088   |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 77            | 84       | 81             | 78           | 83       | 80       |          | 80          | 81                    | 79  | 77          | 76   | 80         | 79        | 78          | 76        | 80        | 79          | 79     | 78      | 78   | 78       | 78      |

# 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 % |  |
|            |              |                   |                     |                   |              |               |            |          |             |           |              |             |           |               |          |                |              |          |          |          |             |        |                       |             |      |            |         |             |           |           |             |        |      |         |          |         |  |
| KDL 230019 |              | E                 | 180213              |                   | 100          | 85            | 78         | 110      | 112         | 81        | 98           | 82          | 95        | 87            | 107      | 94             | 91           | 85       | 78       | 80       | 74          | 92     | 105                   | 116         | 101  | 92         | 95      | 99          | 127       | 101       | 89          | 92     | 92   | 99      | 97       | 93      |  |
| Black      |              |                   |                     | KDL 190127        | 66           | 67            | 50         | 47       | 35          | 49        | 22           | 44          | 25        | 48            | 0.98     | -0.7           | 50           | 26       | 0        | 9        | 62          | 57     | 237                   | 124         | -101 | 0.3        | 18.3    | -4.0        | -5.9      | 33.1      | -1          | 43     | 2.07 | 1.75    | 0.46     | 0.55    |  |
| KDL2319    |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 26            | 73       | 59             | 47           | 67       | 50       |          | 55          | 33     | 26                    | 14          | 18   | 27         | 28      | 33          | 21        | 51        | 28          | 26     | 24   | 26      | 24       | 25      |  |
| MAD 230005 |              | AV                | 190118              |                   | 82           | 100           | 100        | 97       | 105         | 94        | 102          | 94          | 97        | 102           | 92       | 85             | 103          | 100      | 100      | 100      | 99          | 106    | 102                   | 94          | 102  | 121        | 115     | 101         | 110       | 100       | 97          | 93     | 95   | 99      | 87       | 95      |  |
| Red        |              |                   |                     | SK 121266         | 56           | 52            | 51         | 46       | 35          | 43        | 28           | 40          | 28        | 68            | 2.44     | 0.3            | 65           | 33       | 7        | 16       | 131         | 71     | 224                   | 59          | -104 | 1.3        | 27.2    | -4.6        | -3.6      | 32.8      | 0           | 43     | 2.27 | 1.73    | -0.37    | 0.59    |  |
| 23 005     |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 31            | 61       | 52             | 46           | 52       | 51       |          | 50          | 40     | 33                    | 22          | 22   | 37         | 36      | 35          | 24        | 47        | 35          | 31     | 27   | 30      | 27       | 28      |  |
| MAD 230010 |              |                   |                     | RAT 180806        | 104          | 87            | 95         | 104      | 72          | 79        |              |             | 100       | 90            | 115      | 99             | 96           | 87       | 95       | 92       | 88          | 86     | 95                    | 101         | 106  | 98         | 100     | 98          | 100       | 58        | 106         | 100    | 105  | 99      | 100      | 105     |  |
| Red        |              |                   |                     |                   | 29           | 27            | 27         | 25       | 21          | 23        |              |             | 22        | 53            | 0.26     | -1.3           | 57           | 27       | 5        | 12       | 99          | 51     | 199                   | 81          | -111 | 0.5        | 20.4    | -3.3        | -2.2      | 9.4       | 0           | 49     | 3.28 | 1.68    | 0.73     | 0.77    |  |
| MAD 230010 |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 22            | 30       | 27             | 25           | 27       | 27       |          | 26          | 24     | 22                    | 17          | 11   | 19         | 24      | 20          | 15        | 28        | 23          | 22     | 21   | 23      | 21       | 22      |  |
| MAD 230012 |              | AV                | 190118              |                   | 95           | 107           | 103        | 91       | 90          | 101       | 97           | 99          | 101       | 109           | 95       | 101            | 109          | 107      | 103      | 104      | 104         | 105    | 95                    | 88          | 96   | 120        | 108     | 92          | 90        | 96        | 94          | 97     | 105  | 104     | 99       | 105     |  |
| Red        | 1            |                   |                     | RK 180053         | 59           | 51            | 45         | 44       | 32          | 42        | 25           | 39          | 28        | 78            | 2.08     | -1.6           | 73           | 37       | 8        | 17       | 144         | 70     | 198                   | 44          | -93  | 1.3        | 24.0    | -0.6        | -0.9      | 30.5      | 0           | 47     | 3.23 | 2.27    | 0.59     | 0.78    |  |
| 23 012     |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 28            | 71       | 53             | 44           | 51       | 45       |          | 47          | 39     | 30                    | 15          | 19   | 34         | 33      | 32          | 20        | 44        | 32          | 29     | 27   | 29      | 27       | 28      |  |
| MAD 230017 |              | AV                | 190118              |                   | 93           | 101           | 108        | 114      | 99          | 105       | 91           | 101         | 93        | 85            | 93       | 88             | 85           | 101      | 108      | 106      | 114         | 100    | 92                    | 92          | 94   | 117        | 102     | 85          | 97        | 110       | 94          | 94     | 93   | 111     | 96       | 94      |  |
| Red        |              |                   |                     | RK 160049         | 61           | 50            | 50         | 47       | 33          | 43        | 29           | 40          | 31        | 47            | 2.29     | 0.0            | 42           | 34       | 9        | 17       | 171         | 65     | 189                   | 54          | -90  | 1.2        | 21.2    | 2.6         | -1.8      | 38.4      | 0           | 44     | 2.08 | 3.11    | 0.39     | 0.58    |  |
| 23 017     |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 39            | 71       | 55             | 47           | 50       | 50       |          | 49          | 39     | 32                    | 15          | 25   | 34         | 35      | 33          | 20        | 47        | 34          | 31     | 30   | 32      | 30       | 31      |  |
| MAD 230018 |              | AV                | 190118              |                   | 89           | 108           | 95         | 100      | 100         | 102       | 94           | 100         | 93        | 98            | 80       | 90             | 100          | 108      | 95       | 99       | 103         | 111    | 92                    | 105         | 94   | 118        | 102     | 100         | 95        | 103       | 90          | 90     | 99   | 101     | 103      | 99      |  |
| Red        | 1            |                   |                     | RK 200051         | 57           | 48            | 39         | 36       | 28          | 38        | 24           | 35          | 27        | 64            | 3.53     | -0.3           | 61           | 38       | 5        | 16       | 142         | 75     | 186                   | 91          | -90  | 1.2        | 21.6    | -4.4        | -1.6      | 34.1      | -1          | 41     | 2.66 | 1.94    | 0.99     | 0.66    |  |
| 23 018     |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 26            | 70       | 49             | 36           | 48       | 39       |          | 41          | 37     | 29                    | 12          | 18   | 33         | 32      | 26          | 17        | 41        | 31          | 28     | 26   | 28      | 26       | 27      |  |
| MAD 230019 |              | AV                | 190118              |                   | 97           | 109           | 100        | 88       | 105         | 107       | 103          | 106         | 109       | 112           | 95       | 105            | 113          | 109      | 100      | 103      | 102         | 110    | 104                   | 105         | 102  | 125        | 111     | 107         | 96        | 106       | 103         | 103    | 109  | 110     | 100      | 110     |  |
| Red        | 3            |                   |                     | RK 190003         | 59           | 50            | 45         | 46       | 34          | 42        | 26           | 39          | 30        | 82            | 2.14     | -2.0           | 78           | 38       | 7        | 17       | 141         | 75     | 232                   | 93          | -103 | 1.5        | 25.4    | -7.5        | -1.7      | 35.8      | 0           | 52     | 3.69 | 3.03    | 0.75     | 0.88    |  |
| 23 019     |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 32            | 71       | 54             | 46           | 50       | 45       |          | 47          | 41     | 32                    | 18          | 20   | 35         | 34      | 36          | 22        | 44        | 34          | 31     | 29   | 31      | 29       | 30      |  |
| MAD 230020 |              | AV                | 190118              |                   | 89           | 101           | 93         | 104      | 98          | 94        | 95           | 93          | 91        | 96            | 92       | 89             | 96           | 101      | 93       | 96       | 97          | 102    | 94                    | 85          | 98   | 115        | 106     | 108         | 100       | 92        | 96          | 90     | 91   | 99      | 98       | 92      |  |
| Red        |              |                   |                     | CP 147890         | 61           | 52            | 49         | 45       | 34          | 43        | 25           | 39          | 24        | 61            | 2.42     | -0.2           | 57           | 34       | 5        | 14       | 126         | 67     | 196                   | 33          | -97  | 1.2        | 23.0    | -8.1        | -2.2      | 28.3      | 0           | 41     | 1.96 | 1.67    | 0.52     | 0.53    |  |
| 23 020     |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 25            | 72       | 55             | 45           | 52       | 49       |          | 49          | 37     | 27                    | 17          | 23   | 29         | 29      | 34          | 23        | 46        | 28          | 26     | 24   | 25      | 24       | 24      |  |
| MAD 230021 |              | AV                | 190118              |                   | 109          | 88            | 97         | 110      | 97          | 91        | 84           | 87          | 86        | 89            | 111      | 103            | 89           | 88       | 97       | 94       | 92          | 92     | 85                    | 102         | 84   | 119        | 94      | 101         | 93        | 99        | 85          | 84     | 89   | 95      | 97       | 89      |  |
| Red        |              |                   |                     | CP 147788         | 62           | 52            | 50         | 47       | 36          | 44        | 24           | 40          | 24        | 52            | 0.59     | -1.8           | 48           | 27       | 6        | 13       | 111         | 57     | 159                   | 82          | -73  | 1.3        | 17.7    | -4.7        | -1.3      | 32.2      | -1          | 36     | 1.72 | 1.25    | 0.44     | 0.47    |  |
| 23 021     |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 27            | 72       | 56             | 47           | 52       | 50       |          | 50          | 39     | 27                    | 17          | 19   | 30         | 29      | 37          | 24        | 46        | 28          | 26     | 23   | 25      | 23       | 24      |  |
| MAD 230029 |              | AV                | 190118              |                   | 99           | 90            | 93         | 101      | 95          | 85        | 92           | 84          | 86        | 96            | 94       | 102            | 100          | 90       | 93       | 92       | 87          | 90     | 88                    | 108         | 92   | 110        | 96      | 104         | 98        | 91        | 89          | 84     | 92   | 97      | 101      | 91      |  |
| Black      |              |                   |                     | HOL 130077        | 62           | 51            | 48         | 46       | 32          | 43        | 26           | 40          | 29        | 61            | 2.19     | -1.7           | 61           | 29       | 4        | 12       | 98          | 56     | 174                   | 99          | -86  | 1.0        | 18.6    | -6.3        | -1.9      | 27.5      | -1          | 37     | 1.98 | 1.48    | 0.83     | 0.52    |  |
| 23 029     |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 24            | 72       | 55             | 46           | 51       | 48       |          | 48          | 38     | 31                    | 17          | 21   | 34         | 33      | 30          | 21        | 46        | 32          | 30     | 28   | 30      | 29       | 29      |  |
| MAD 230031 |              | AV                | 190118              |                   | 107          | 89            | 85         | 96       | 98          | 82        | 95           | 82          | 93        | 104           | 115      | 105            | 105          | 89       | 85       | 86       | 79          | 91     | 95                    | 101         | 95   | 114        | 102     | 100         | 97        | 100       | 94          | 92     | 99   | 99      | 93       | 99      |  |
| Red        |              |                   |                     | SK 140018         | 62           | 52            | 50         | 46       | 34          | 44        | 30           | 41          | 29        | 71            | 0.18     | -2.1           | 68           | 28       | 2        | 11       |             | 56     | 199                   | 79          | -92  | 1.1        | 21.3    | -4.3        | -1.8      | 32.4      | 0           | 42     | 2.68 | 1.75    | 0.08     | 0.66    |  |
| 23 031     |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 28            | 72       | 55             | 46           | 52       | 50       |          | 49          | 42     | 33                    | 16          | 27   | 36         | 35      | 34          | 22        | 46        | 35          | 32     | 28   | 30      | 29       | 29      |  |
| MAD 230032 |              | AV                | 190118              |                   | 108          | 78            | 89         | 113      | 90          | 76        | 81           | 74          | 78        | 84            | 108      | 102            | 87           | 78       | 89       | 85       | 79          | 78     | 80                    | 107         | 85   | 112        | 88      | 94          | 86        | 99        | 83          | 78     | 77   | 98      | 96       | 78      |  |
| Red        |              |                   |                     | NEL 140003        | 62           | 53            | 51         | 48       | 36          | 45        | 26           | 41          | 28        | 45            | 0.93     | -1.7           | 45           | 23       | 3        | 10       | 76          | 44     | 143                   | 99          | -73  | 1.1        | 15.1    | -1.5        | -0.3      | 31.9      | -1          | 31     | 0.57 | 1.62    | 0.37     | 0.26    |  |
| 23 032     |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 29            | 72       | 56             | 48           | 53       | 51       |          | 51          | 41     | 30                    | 23          | 21   | 33         | 33      | 36          | 26        | 47        | 32          | 30     | 27   | 29      | 27       | 28      |  |

# 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 % |     |  |
|            |              |                   |                     |                   |              |               |            |          |             |           |              |             |           |               |          |                |              |          |          |          |             |                       |     |             |      |            |           |             |           |           |             |        |         |      |          |         |     |  |
| MAD 230035 |              | AV                | 190118              |                   |              |               |            |          |             |           |              |             |           |               |          |                |              |          |          |          |             |                       |     |             |      |            |           |             |           |           |             |        |         |      |          |         |     |  |
| Black      |              | SK                | 180078              |                   | 94           | 104           | 85         | 96       | 82          | 89        | 91           | 87          | 93        | 107           | 91       | 100            | 105          | 104      | 85       | 91       | 90          | 102                   | 89  | 88          | 91   | 112        | 94        | 86          | 78        | 96        | 88          | 86     | 96      | 110  | 102      | 97      |     |  |
| 23 035     |              |                   |                     |                   | 59           | 49            | 43         | 44       | 30          | 40        | 24           | 37          | 24        | 75            | 2.47     | -1.4           | 68           | 35       | 2        | 13       | 107         | 67                    | 177 | 44          | -83  | 1.0        | 17.9      | 2.1         | 0.7       | 30.5      | -1          | 38     | 2.43    | 3.02 | 0.89     | 0.64    |     |  |
|            |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 25            | 71       | 53             | 44           | 49       | 43       |          | 45          | 33                    | 26  | 12          | 21   | 30         | 29        | 28          | 19        | 43        | 28          | 25     | 23      | 24   | 23       | 24      |     |  |
| MAD 230037 |              | AV                | 190118              |                   | 108          | 88            | 91         | 113      | 99          | 90        | 89           | 87          | 89        | 85            | 104      | 103            | 87           | 88       | 91       | 90       | 89          | 89                    | 89  | 97          | 90   | 121        | 101       | 98          | 102       | 98        | 86          | 83     | 95      | 111  | 93       | 96      |     |  |
| Red        | 3            | CP                | 199281              |                   | 59           | 46            | 42         | 35       | 33          | 39        | 23           | 36          | 23        | 46            | 1.25     | -1.8           | 45           | 27       | 4        | 12       | 103         | 54                    | 176 | 69          | -83  | 1.4        | 20.8      | -3.3        | -2.5      | 31.8      | -1          | 35     | 2.31    | 3.14 | 0.15     | 0.62    |     |  |
| 23 037     |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 24            | 71       | 50             | 35           | 46       | 42       |          | 41          | 37                    | 26  | 15          | 19   | 30         | 29        | 34          | 22        | 44        | 28          | 25     | 23      | 23   | 23       | 23      |     |  |
| MAD 230040 |              | AV                | 190118              |                   | 103          | 94            | 95         | 105      | 95          | 93        | 85           | 89          | 83        | 94            | 101      | 102            | 95           | 94       | 95       | 95       | 94          | 94                    | 84  | 92          | 86   | 115        | 97        | 87          | 105       | 97        | 85          | 81     | 87      | 101  | 95       | 88      |     |  |
| Red        | 1            | CP                | 199108              |                   | 59           | 50            | 41         | 33       | 32          | 39        | 20           | 35          | 20        | 59            | 1.58     | -1.7           | 55           | 31       | 5        | 14       | 117         | 59                    | 155 | 56          | -75  | 1.2        | 19.1      | 1.6         | -2.9      | 31.0      | -1          | 34     | 1.56    | 1.89 | 0.24     | 0.45    |     |  |
| 23 040     |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 22            | 71       | 49             | 33           | 50       | 41       |          | 41          | 40                    | 22  | 13          | 18   | 25         | 24        | 32          | 20        | 44        | 24          | 21     | 20      | 20   | 20       | 20      |     |  |
| MAD 230042 |              |                   |                     | CP                | 199218       | 107           | 98         | 98       | 110         | 77        | 95           |             |           | 86            | 85       | 112            | 99           | 90       | 98       | 98       | 98          | 101                   | 92  | 80          | 91   | 92         | 101       | 94          | 102       | 101       | 62          | 106    | 95      | 89   | 95       | 92      | 89  |  |
| Red        |              |                   |                     |                   | 34           | 30            | 30         | 21       | 25          | 25        |              |             | 12        | 46            | 0.51     | -1.4           | 49           | 32       | 6        | 15       | 136         | 57                    | 142 | 53          | -86  | 0.7        | 17.7      | -5.2        | -2.3      | 11.8      | 0           | 45     | 1.78    | 1.23 | 0.02     | 0.48    |     |  |
| MAD 230042 |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 17            | 37       | 30             | 21           | 30       | 30       |          | 27          | 27                    | 14  | 10          | 9    | 16         | 15        | 26          | 17        | 31        | 15          | 14     | 11      | 12   | 12       | 12      |     |  |
| MAD 230045 |              | AV                | 190118              |                   | 102          | 90            | 95         | 109      | 95          | 89        | 86           | 86          | 84        | 88            | 101      | 98             | 91           | 90       | 95       | 93       | 92          | 89                    | 85  | 102         | 89   | 111        | 89        | 97          | 95        | 97        | 88          | 85     | 81      | 99   | 97       | 82      |     |  |
| Red        |              | NEL               | 140006              |                   | 62           | 52            | 50         | 47       | 36          | 44        | 26           | 40          | 28        | 50            | 1.50     | -1.3           | 50           | 29       | 5        | 13       | 112         | 54                    | 160 | 84          | -80  | 1.0        | 15.4      | -2.9        | -1.6      | 31.1      | -1          | 37     | 0.94    | 1.74 | 0.45     | 0.34    |     |  |
| 23 045     |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 29            | 72       | 56             | 47           | 52       | 50       |          | 50          | 41                    | 31  | 23          | 21   | 33         | 33        | 36          | 26        | 47        | 32          | 30     | 27      | 29   | 27       | 28      |     |  |
| RK 230045  |              | RK                | 200008              |                   | 93           | 117           | 98         | 84       | 101         | 110       | 110          | 111         | 115       | 118           | 93       | 102            | 116          | 117      | 98       | 104      | 105         | 118                   | 108 | 98          | 102  | 117        | 102       | 92          | 92        | 112       | 100         | 105    | 117     | 110  | 108      | 117     |     |  |
| Red        |              | RK                | 190011              |                   | 57           | 64            | 43         | 38       | 33          | 44        | 30           | 41          | 38        | 90            | 2.31     | -1.7           | 82           | 42       | 6        | 18       | 147         | 82                    | 246 | 73          | -104 | 1.2        | 21.3      | -0.7        | -1.2      | 39.2      | 0           | 53     | 4.42    | 3.01 | 1.43     | 1.02    |     |  |
| RK 230045  |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 33            | 70       | 50             | 38           | 64       | 43       |          | 48          | 43                    | 40  | 19          | 20   | 46         | 44        | 33          | 20        | 46        | 43          | 39     | 36      | 40   | 36       | 38      |     |  |
| RK 230061  |              | RK                | 200063              |                   | 91           | 94            | 101        | 107      | 87          | 89        | 105          | 90          | 95        | 91            | 80       | 89             | 92           | 94       | 101      | 99       | 99          | 97                    | 98  | 89          | 96   | 105        | 105       | 79          | 78        | 109       | 87          | 88     | 83      | 97   | 114      | 84      |     |  |
| Red        | 1            | RK                | 160063              |                   | 64           | 67            | 50         | 45       | 34          | 48        | 28           | 44          | 36        | 54            | 3.55     | -0.1           | 51           | 31       | 7        | 15       | 132         | 63                    | 208 | 47          | -93  | 0.8        | 22.8      | 5.8         | 0.7       | 37.8      | -1          | 39     | 1.17    | 1.41 | 1.86     | 0.38    |     |  |
| RK 230061  |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 42            | 72       | 57             | 45           | 67       | 50       |          | 54          | 45                    | 40  | 20          | 14   | 47         | 45        | 31          | 20        | 50        | 44          | 39     | 34      | 39   | 35       | 36      |     |  |
| FW 240055  |              | FW                | 220031              |                   | 86           | 101           | 114        | 103      | 109         | 106       | 102          | 104         | 111       | 103           | 98       | 83             | 95           | 101      | 114      | 110      | 114         | 107                   | 101 | 109         | 96   | 115        | 105       | 105         | 102       | 109       | 90          | 97     | 104     | 126  | 92       | 107     |     |  |
| Red        | 1            | FW                | 220078              |                   | 57           | 65            | 46         | 44       | 31          | 45        | 26           | 41          | 38        | 70            | 1.85     | 0.6            | 55           | 34       | 11       | 19       | 173         | 72                    | 220 | 105         | -92  | 1.1        | 22.8      | -6.5        | -2.5      | 37.8      | -1          | 46     | 3.21    | 4.94 | 0.05     | 0.83    |     |  |
| FW240055   |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 20            | 68       | 51             | 44           | 65       | 46       |          | 52          | 45                    | 41  | 48          | 9    | 46         | 44        | 33          | 16        | 43        | 43          | 39     | 36      | 41   | 37       | 38      |     |  |
| MAD 240001 |              | AV                | 190118              |                   | 81           | 100           | 100        | 97       | 113         | 96        | 102          | 96          | 97        | 102           | 91       | 83             | 103          | 100      | 100      | 100      | 100         | 107                   | 102 | 94          | 102  | 121        | 115       | 101         | 110       | 112       | 97          | 93     | 95      | 99   | 87       | 95      |     |  |
| Red        |              | SK                | 121266              |                   | 58           | 52            | 51         | 46       | 36          | 44        | 28           | 41          | 28        | 68            | 2.51     | 0.5            | 65           | 34       | 7        | 16       | 132         | 71                    | 224 | 59          | -104 | 1.3        | 27.2      | -4.6        | -3.6      | 39.3      | 0           | 43     | 2.27    | 1.73 | -0.37    | 0.59    |     |  |
| 24 001     |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 31            | 62       | 54             | 46           | 52       | 51       |          | 50          | 40                    | 33  | 22          | 22   | 37         | 36        | 35          | 24        | 49        | 35          | 31     | 27      | 30   | 27       | 28      |     |  |
| MAD 240011 |              |                   |                     | RAT               | 180806       | 104           | 87         | 95       | 104         | 72        | 79           |             |           | 100           | 90       | 115            | 99           | 96       | 87       | 95       | 92          | 88                    | 86  | 95          | 101  | 106        | 98        | 100         | 98        | 100       | 58          | 106    | 100     | 105  | 99       | 100     | 105 |  |
| Red        |              |                   |                     |                   | 29           | 27            | 27         | 25       | 21          | 23        |              |             | 22        | 53            | 0.26     | -1.3           | 57           | 27       | 5        | 12       | 99          | 51                    | 199 | 81          | -111 | 0.5        | 20.4      | -3.3        | -2.2      | 9.4       | 0           | 49     | 3.28    | 1.68 | 0.73     | 0.77    |     |  |
| MAD 240011 |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 22            | 30       | 27             | 25           | 27       | 27       |          | 26          | 24                    | 22  | 17          | 11   | 19         | 24        | 20          | 15        | 28        | 23          | 22     | 21      | 23   | 21       | 22      |     |  |
| MAD 240017 |              |                   |                     | SK                | 101158       | 106           | 83         | 91       | 115         | 71        | 76           |             |           | 83            | 80       | 111            | 97           | 86       | 83       | 91       | 88          | 85                    | 83  | 78          | 109  | 91         | 92        | 105         | 97        | 104       | 55          | 95     | 84      | 81   | 106      | 96      | 83  |  |
| Red        |              |                   |                     |                   | 41           | 37            | 41         | 35       | 25          | 32        |              |             | 12        | 40            | 0.61     | -1.2           | 43           | 25       | 4        | 11       | 92          | 49                    | 133 | 102         | -84  | 0.3        | 22.6      | -2.7        | -2.8      | 7.7       | 0           | 36     | 0.96    | 2.49 | 0.41     | 0.36    |     |  |
| MAD 240017 |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 22            | 41       | 39             | 35           | 37       | 41       |          | 38          | 30                    | 22  | 18          | 12   | 25         | 24        | 25          | 16        | 34        | 23          | 21     | 12      | 13   | 12       | 12      |     |  |
| MAD 240021 |              |                   |                     | FW                | 220073       | 83            | 117        | 102      | 106         | 79        | 108          |             |           | 100           | 88       | 80             | 80           | 93       | 117      | 102      | 107         | 118                   | 110 | 91          | 98   | 104        | 95        | 97          | 99        | 109       | 63          | 119    | 108     | 112  | 105      | 93      | 112 |  |
| Red        |              |                   |                     |                   | 50           | 36            | 30         | 26       | 23          | 30        |              |             | 24        | 50            | 3.51     | 0.8            | 53           | 42       | 7        | 19       | 182         | 75                    | 183 | 72          | -107 | 0.4        | 19.1      | -4.0        | -3.4      | 12.1      | 1           | 55     | 3.94    | 2.45 | 0.12     | 0.91    |     |  |
| MAD 240021 |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 16            | 63       | 41             | 26           | 36       | 30       |          | 31          | 32                    | 27  | 22          | 9    | 29         | 28        | 25          | 15        | 29        | 28          | 26     | 23      | 25   | 23       | 24      |     |  |

# Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

| Animal     |              |                   |                     | Selection Values |        |              |               |            |          |             |           |              |             | Birth     |               |          | Wean           |              |          |          |          | Growth & Adaptability |        |     |             |      | Fertility    |         |             |           | Frame     |             | Carcass |      |      |          |         |
|------------|--------------|-------------------|---------------------|------------------|--------|--------------|---------------|------------|----------|-------------|-----------|--------------|-------------|-----------|---------------|----------|----------------|--------------|----------|----------|----------|-----------------------|--------|-----|-------------|------|--------------|---------|-------------|-----------|-----------|-------------|---------|------|------|----------|---------|
| ID         | % 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 Thicken | Scrotum | Heifer Fert | Cow Fert. | Longevity | Frame score | Length  | EMA  | Fat  | Marbling | Dress % |
|            |              |                   |                     |                  |        |              |               |            |          |             |           |              |             |           |               |          |                |              |          |          |          |                       |        |     |             |      |              |         |             |           |           |             |         |      |      |          |         |
| MAD 240027 |              | FW                | 220069              |                  |        | 89           | 103           | 101        | 102      | 64          | 90        |              |             | 100       | 91            | 91       | 90             | 98           | 103      | 101      | 102      | 104                   | 99     | 92  | 103         | 106  | 108          | 104     | 88          | 89        | 61        | 116         | 107     | 106  | 103  | 92       | 106     |
| Red        |              |                   |                     |                  |        | 50           | 31            | 28         | 26       | 21          | 28        |              |             | 24        | 54            | 2.45     | -0.3           | 58           | 35       | 7        | 16       | 145                   | 64     | 188 | 85          | -111 | 0.9          | 22.4    | 1.5         | -0.7      | 11.0      | 1           | 55      | 3.36 | 2.24 | 0.04     | 0.80    |
| MAD 240027 |              |                   |                     |                  |        |              |               |            |          |             |           |              |             |           | 14            | 63       | 41             | 26           | 31       | 28       |          |                       | 28     | 26  | 21          | 9    | 28           | 28      | 22          | 13        | 28        | 27          | 26      | 23   | 25   | 23       | 24      |
| MAD 240030 |              | AV                | 190118              |                  |        | 104          | 85            | 92         | 101      | 95          | 81        | 92           | 80          | 86        | 96            | 100      | 105            | 100          | 85       | 92       | 90       | 83                    | 86     | 88  | 108         | 92   | 110          | 96      | 104         | 98        | 91        | 89          | 84      | 92   | 97   | 101      | 91      |
| Red        |              | HOL               | 130077              |                  |        | 62           | 51            | 48         | 46       | 32          | 43        | 26           | 40          | 29        | 61            | 1.62     | -2.1           | 61           | 26       | 4        | 11       | 86                    | 51     | 174 | 99          | -86  | 1.0          | 18.6    | -6.3        | -1.9      | 27.5      | -1          | 37      | 1.98 | 1.48 | 0.83     | 0.52    |
| MAD 240030 |              |                   |                     |                  |        |              |               |            |          |             |           |              |             |           | 24            | 72       | 55             | 46           | 51       | 48       |          |                       | 38     | 31  | 17          | 21   | 34           | 33      | 30          | 21        | 46        | 32          | 30      | 28   | 30   | 29       | 29      |
| MAD 240032 |              | RK                | 180036              |                  |        | 107          | 84            | 87         | 124      | 79          | 80        |              |             | 88        | 72            | 111      | 94             | 78           | 84       | 87       | 86       | 85                    | 82     | 81  | 90          | 94   | 94           | 95      | 102         | 103       | 64        | 102         | 92      | 86   | 105  | 102      | 88      |
| Red        |              |                   |                     |                  |        | 35           | 35            | 32         | 34       | 21          | 28        |              |             | 17        | 29            | 0.61     | -0.7           | 33           | 26       | 2        | 10       | 93                    | 48     | 145 | 48          | -90  | 0.4          | 18.2    | -5.2        | -2.6      | 12.9      | 0           | 43      | 1.49 | 2.37 | 0.86     | 0.45    |
| MAD 240032 |              |                   |                     |                  |        |              |               |            |          |             |           |              |             |           | 21            | 37       | 34             | 34           | 35       | 32       |          |                       | 29     | 21  | 10          | 12   | 23           | 23      | 23          | 12        | 29        | 22          | 20      | 16   | 18   | 17       | 17      |
| MAD 240033 |              | CP                | 199218              |                  |        | 107          | 98            | 98         | 110      | 77          | 95        |              |             | 86        | 85            | 112      | 99             | 90           | 98       | 98       | 98       | 101                   | 92     | 80  | 91          | 92   | 101          | 94      | 102         | 101       | 62        | 106         | 95      | 89   | 95   | 92       | 89      |
| Red        |              |                   |                     |                  |        | 34           | 30            | 30         | 21       | 25          | 25        |              |             | 12        | 46            | 0.51     | -1.4           | 49           | 32       | 6        | 15       | 136                   | 57     | 142 | 53          | -86  | 0.7          | 17.7    | -5.2        | -2.3      | 11.8      | 0           | 45      | 1.78 | 1.23 | 0.02     | 0.48    |
| MAD 240033 |              |                   |                     |                  |        |              |               |            |          |             |           |              |             |           | 17            | 37       | 30             | 21           | 30       | 30       |          |                       | 27     | 14  | 10          | 9    | 16           | 15      | 26          | 17        | 31        | 15          | 14      | 11   | 12   | 12       | 12      |
| MAD 240034 |              | WE                | 180032              |                  |        | 107          | 85            | 101        | 106      | 73          | 81        | 86           | 79          | 94        | 87            | 113      | 101            | 94           | 85       | 101      | 96       | 92                    | 83     | 86  | 98          | 100  | 98           | 100     | 101         | 101       | 58        | 113         | 99      | 93   | 110  | 91       | 95      |
| Red        |              |                   |                     |                  |        | 38           | 37            | 36         | 37       | 27          | 31        | 22           | 29          | 24        | 49            | 0.39     | -1.6           | 54           | 26       | 7        | 13       | 111                   | 49     | 166 | 72          | -100 | 0.6          | 20.6    | -4.6        | -2.3      | 9.4       | 1           | 48      | 2.13 | 3.05 | -0.04    | 0.59    |
| MAD 240034 |              |                   |                     |                  |        |              |               |            |          |             |           |              |             |           | 28            | 39       | 37             | 37           | 37       | 36       |          |                       | 32     | 25  | 20          | 17   | 26           | 26      | 28          | 20        | 33        | 26          | 25      | 23   | 24   | 23       | 24      |
| MAD 240037 |              | AV                | 190118              |                  |        | 109          | 78            | 89         | 113      | 90          | 76        | 81           | 73          | 78        | 84            | 108      | 102            | 87           | 78       | 89       | 85       | 79                    | 78     | 80  | 107         | 85   | 112          | 88      | 94          | 86        | 99        | 83          | 78      | 77   | 98   | 96       | 78      |
| Red        |              | NEL               | 140003              |                  |        | 62           | 53            | 51         | 48       | 36          | 45        | 26           | 41          | 28        | 45            | 0.88     | -1.7           | 45           | 23       | 3        | 10       | 75                    | 44     | 143 | 99          | -73  | 1.1          | 15.1    | -1.5        | -0.3      | 31.9      | -1          | 31      | 0.57 | 1.62 | 0.37     | 0.26    |
| MAD 240037 |              |                   |                     |                  |        |              |               |            |          |             |           |              |             |           | 29            | 72       | 56             | 48           | 53       | 51       |          |                       | 41     | 30  | 23          | 21   | 33           | 33      | 36          | 26        | 47        | 32          | 30      | 27   | 29   | 27       | 28      |
| MAD 240039 |              | CP                | 199092              |                  |        | 106          | 98            | 98         | 109      | 75          | 94        |              |             | 89        | 85            | 108      | 101            | 90           | 98       | 98       | 98       | 101                   | 90     | 80  | 88          | 92   | 96           | 96      | 98          | 102       | 60        | 105         | 93      | 90   | 99   | 96       | 91      |
| Red        |              |                   |                     |                  |        | 35           | 35            | 28         | 19       | 23          | 26        |              |             | 10        | 47            | 0.90     | -1.5           | 49           | 32       | 6        | 15       | 135                   | 55     | 140 | 43          | -86  | 0.5          | 18.8    | -3.5        | -2.5      | 10.8      | 0           | 44      | 1.88 | 1.68 | 0.33     | 0.51    |
| MAD 240039 |              |                   |                     |                  |        |              |               |            |          |             |           |              |             |           | 15            | 38       | 29             | 19           | 35       | 28       |          |                       | 31     | 12  | 10          | 7    | 14           | 13      | 24          | 15        | 30        | 13          | 12      | 10   | 10   | 10       | 10      |
| MAD 240042 |              | RK                | 200051              |                  |        | 91           | 99            | 95         | 107      | 74          | 88        |              |             | 92        | 86            | 93       | 89             | 93           | 99       | 95       | 96       | 98                    | 97     | 85  | 104         | 98   | 94           | 98      | 103         | 95        | 62        | 106         | 97      | 96   | 100  | 102      | 96      |
| Red        |              |                   |                     |                  |        | 33           | 33            | 24         | 22       | 16          | 24        |              |             | 20        | 48            | 2.32     | -0.2           | 52           | 33       | 5        | 14       | 129                   | 62     | 160 | 90          | -97  | 0.4          | 19.4    | -5.5        | -1.5      | 11.8      | 0           | 46      | 2.39 | 1.80 | 0.85     | 0.61    |
| MAD 240042 |              |                   |                     |                  |        |              |               |            |          |             |           |              |             |           | 19            | 36       | 29             | 22           | 33       | 24       |          |                       | 27     | 21  | 6           | 5    | 24           | 23      | 14          | 9         | 25        | 23          | 20      | 18   | 21   | 18       | 20      |
| MAD 240045 |              | NEL               | 140006              |                  |        | 100          | 89            | 97         | 116      | 70          | 83        |              |             | 83        | 76            | 104      | 92             | 84           | 89       | 97       | 94       | 96                    | 83     | 78  | 102         | 93   | 87           | 84      | 99          | 95        | 57        | 104         | 91      | 78   | 98   | 95       | 79      |
| Red        |              |                   |                     |                  |        | 41           | 39            | 40         | 38       | 28          | 33        |              |             | 21        | 34            | 1.31     | -0.5           | 41           | 28       | 6        | 13       | 122                   | 49     | 133 | 82          | -87  | 0.2          | 13.3    | -3.9        | -1.5      | 8.8       | 0           | 42      | 0.68 | 1.60 | 0.31     | 0.29    |
| MAD 240045 |              |                   |                     |                  |        |              |               |            |          |             |           |              |             |           | 23            | 41       | 40             | 38           | 39       | 40       |          |                       | 31     | 24  | 21          | 13   | 24           | 25      | 29          | 21        | 35        | 24          | 23      | 20   | 22   | 21       | 21      |
| MAD 240047 |              | SK                | 190062              |                  |        | 99           | 86            | 91         | 113      | 79          | 78        |              |             | 87        | 78            | 105      | 91             | 87           | 86       | 91       | 89       | 87                    | 87     | 83  | 110         | 97   | 89           | 107     | 100         | 109       | 62        | 101         | 93      | 90   | 101  | 97       | 90      |
| Red        |              |                   |                     |                  |        | 36           | 35            | 32         | 34       | 22          | 29        |              |             | 13        | 37            | 1.16     | -0.4           | 45           | 26       | 4        | 11       | 97                    | 52     | 153 | 106         | -95  | 0.2          | 23.4    | -4.3        | -3.4      | 11.6      | 0           | 43      | 1.79 | 1.98 | 0.44     | 0.50    |
| MAD 240047 |              |                   |                     |                  |        |              |               |            |          |             |           |              |             |           | 21            | 38       | 35             | 34           | 35       | 32       |          |                       | 30     | 17  | 12          | 9    | 18           | 18      | 23          | 14        | 29        | 18          | 16      | 13   | 13   | 13       | 13      |
| MAD 240049 |              | CP                | 199108              |                  |        | 105          | 89            | 96         | 112      | 69          | 83        |              |             | 83        | 82            | 108      | 98             | 88           | 89       | 96       | 94       | 93                    | 84     | 77  | 92          | 90   | 92           | 92      | 90          | 105       | 57        | 101         | 88      | 84   | 99   | 93       | 85      |
| Red        |              |                   |                     |                  |        | 35           | 34            | 28         | 16       | 23          | 25        |              |             | 8         | 43            | 0.90     | -1.3           | 46           | 28       | 5        | 13       | 116                   | 50     | 129 | 54          | -82  | 0.3          | 17.0    | 0.5         | -2.9      | 8.7       | 0           | 40      | 1.30 | 1.74 | 0.10     | 0.40    |
| MAD 240049 |              |                   |                     |                  |        |              |               |            |          |             |           |              |             |           | 12            | 38       | 29             | 16           | 34       | 28       |          |                       | 30     | 10  | 9           | 6    | 11           | 11      | 24          | 14        | 30        | 11          | 10      | 7    | 8    | 7        | 8       |
| MAD 240051 |              | RK                | 150085              |                  |        | 103          | 91            | 89         | 104      | 78          | 82        | 76           | 77          | 87        | 90            | 106      | 101            | 97           | 91       | 89       | 90       | 86                    | 86     | 80  | 95          | 91   | 94           | 95      | 118         | 103       | 51        | 100         | 90      | 84   | 96   | 91       | 84      |
| Red        |              |                   |                     |                  |        | 39           | 36            | 36         | 35       | 24          | 30        | 21           | 28          | 22        | 53            | 1.04     | -1.6           | 57           | 29       | 3        | 12       | 95                    | 51     | 140 | 63          | -84  | 0.4          | 18.3    | -12.7       | -2.6      | 5.7       | 0           | 41      | 1.25 | 1.29 | -0.09    | 0.39    |
| MAD 240051 |              |                   |                     |                  |        |              |               |            |          |             |           |              |             |           | 34            | 40       | 37             | 35           | 36       |          |          |                       | 31     | 26  | 12          | 15   | 29           | 28      | 24          | 16        | 33        | 28          | 25      | 21   | 23   | 21       | 22      |

# 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 Thicken | Scrotum   | Heifer Fert | Cow Fert. | Longevity | Frame score | Length | EMA     | Fat  | Marbling | Dress % |
|                 |              |                   |                     |                          |              |               |            |          |             |           |              |             |           |               |          |                |              |          |          |          |             |                       |     |             |      |              |           |             |           |           |             |        |         |      |          |         |
| MAD 240054      |              |                   |                     | LPA 160031               | 72           | 100           | 88         | 102      | 59          | 74        | 78           | 71          | 83        | 92            | 83       | 66             | 99           | 100      | 88       | 92       | 92          | 99                    | 82  | 96          | 98   | 92           | 96        | 92          | 89        | 50        | 107         | 93     | 85      | 92   | 93       | 85      |
| Red             |              |                   |                     |                          | 37           | 37            | 38         | 37       | 21          | 30        | 20           | 28          | 22        | 55            | 3.20     | 2.5            | 60           | 34       | 3        | 13       | 111         | 64                    | 149 | 66          | -97  | 0.3          | 18.6      | -0.5        | -0.8      | 4.9       | 1           | 43     | 1.37    | 0.81 | 0.12     | 0.40    |
| MAD 240054      |              |                   |                     |                          |              |               |            |          |             |           |              |             |           | 20            | 39       | 37             | 37           | 37       | 38       |          | 37          | 29                    | 23  | 14          | 16   | 26           | 25        | 20          | 12        | 32        | 24          | 22     | 21      | 23   | 21       | 22      |
| MAD 240070      |              |                   |                     | CP 147886                | 99           | 92            | 87         | 108      | 66          | 78        |              |             | 87        | 86            | 106      | 94             | 92           | 92       | 87       | 89       | 87          | 91                    | 84  | 93          | 99   | 88           | 94        | 95          | 91        | 57        | 103         | 91     | 87      | 102  | 94       | 88      |
| Red             |              |                   |                     |                          | 39           | 38            | 38         | 37       | 26          | 32        |              |             | 18        | 48            | 1.10     | -0.7           | 52           | 30       | 3        | 12       | 97          | 57                    | 155 | 58          | -98  | 0.2          | 17.8      | -2.1        | -1.0      | 8.9       | 0           | 42     | 1.53    | 2.12 | 0.19     | 0.45    |
| MAD 240070      |              |                   |                     |                          |              |               |            |          |             |           |              |             |           | 19            | 40       | 38             | 37           | 38       | 38       |          | 38          | 27                    | 19  | 16          | 15   | 19           | 19        | 27          | 18        | 33        | 19          | 18     | 17      | 18   | 17       | 18      |
| NLA 240002      |              |                   |                     | NLA 210003<br>NLA 190007 | 100          | 112           | 88         | 105      | 95          | 107       | 101          | 105         | 102       | 97            | 99       | 100            | 96           | 112      | 88       | 96       | 101         | 110                   | 103 | 91          | 95   | 89           | 94        | 103         | 91        | 97        | 78          | 91     | 104     | 112  | 116      | 105     |
| Black           | 1            |                   |                     |                          | 53           | 59            | 38         | 28       | 28          | 39        | 24           | 36          | 26        | 62            | 1.72     | -1.4           | 56           | 39       | 3        | 15       | 137         | 75                    | 228 | 52          | -91  | 0.2          | 18.0      | -5.5        | -1.1      | 30.9      | -2          | 42     | 3.16    | 3.27 | 2.08     | 0.78    |
| PROSPERITY 2402 |              |                   |                     |                          |              |               |            |          |             |           |              |             |           | 20            | 64       | 43             | 28           | 59       | 38       |          | 42          | 30                    | 28  | 13          | 20   | 29           | 30        | 29          | 14        | 40        | 29          | 27     | 26      | 27   | 26       | 26      |
| NLA 240010      |              |                   |                     | KCM 210009<br>NLA 210006 | 95           | 102           | 118        | 96       | 108         | 110       | 103          | 109         | 105       | 106           | 102      | 96             | 102          | 102      | 113      | 115      | 104         | 104                   | 109 | 99          | 74   | 101          | 101       | 107         | 107       | 73        | 92          | 102    | 118     | 122  | 104      |         |
| Black           | 7            |                   |                     |                          | 59           | 64            | 45         | 39       | 33          | 45        | 24           | 41          | 30        | 74            | 1.44     | -0.9           | 64           | 35       | 12       | 20       | 174         | 69                    | 231 | 102         | -97  | -0.3         | 20.8      | -5.0        | -3.2      | 36.5      | -2          | 43     | 2.99    | 4.07 | 2.57     | 0.77    |
| EVERGREEN 2410  |              |                   |                     |                          |              |               |            |          |             |           |              |             |           | 22            | 70       | 51             | 39           | 64       | 45       |          | 49          | 37                    | 31  | 11          | 17   | 33           | 32        | 34          | 18        | 46        | 32          | 30     | 29      | 31   | 29       | 30      |
| NLA 240013      |              |                   |                     | KCM 210009<br>E 180202   | 104          | 93            | 113        | 99       | 95          | 98        |              |             | 99        | 103           | 112      | 102            | 100          | 93       | 113      | 106      | 105         | 98                    | 97  | 101         | 91   | 85           | 94        | 101         | 96        | 94        | 84          | 93     | 99      | 113  | 111      | 101     |
| Black           | 1            |                   |                     |                          | 59           | 65            | 44         | 39       | 30          | 44        |              |             | 22        | 71            | 0.54     | -1.6           | 61           | 30       | 11       | 17       | 147         | 63                    | 205 | 81          | -84  | 0.1          | 17.7      | -4.9        | -1.7      | 29.3      | -1          | 43     | 2.71    | 3.35 | 1.61     | 0.70    |
| SPRITELY 2413   |              |                   |                     |                          |              |               |            |          |             |           |              |             |           | 19            | 71       | 51             | 39           | 65       | 44       |          | 49          | 33                    | 24  | 11          | 12   | 26           | 25        | 27          | 17        | 46        | 25          | 23     | 22      | 23   | 22       | 22      |
| NLA 240023      |              |                   |                     | KCM 210009<br>NLA 140001 | 100          | 88            | 104        | 101      | 98          | 88        | 97           | 88          | 100       | 99            | 107      | 98             | 99           | 88       | 104      | 99       | 94          | 92                    | 101 | 99          | 96   | 87           | 99        | 109         | 90        | 97        | 85          | 94     | 98      | 116  | 122      | 100     |
| Black           | 1            |                   |                     |                          | 57           | 63            | 48         | 40       | 35          | 45        | 23           | 41          | 26        | 65            | 1.02     | -1.2           | 60           | 27       | 8        | 14       | 117         | 57                    | 222 | 73          | -92  | 0.2          | 20.3      | -8.3        | -0.9      | 31.2      | -1          | 44     | 2.60    | 3.72 | 2.59     | 0.69    |
| PROUD MARY 2423 |              |                   |                     |                          |              |               |            |          |             |           |              |             |           | 22            | 66       | 50             | 40           | 63       | 48       |          | 50          | 37                    | 28  | 16          | 17   | 30           | 30        | 34          | 21        | 49        | 29          | 27     | 25      | 26   | 25       | 26      |
| MAD 250001      |              |                   |                     | SK 121266                | 84           | 95            | 101        | 104      | 80          | 84        | 93           | 84          | 96        | 90            | 98       | 80             | 95           | 95       | 101      | 99       | 99          | 96                    | 95  | 93          | 106  | 97           | 110       | 103         | 110       | 60        | 113         | 99     | 92      | 98   | 86       | 92      |
| Red             |              |                   |                     |                          | 40           | 39            | 41         | 36       | 27          | 33        | 21           | 31          | 22        | 53            | 1.80     | 0.8            | 56           | 31       | 7        | 15       | 130         | 61                    | 198 | 58          | -111 | 0.5          | 25.1      | -5.7        | -3.6      | 10.5      | 1           | 49     | 2.01    | 1.59 | -0.51    | 0.54    |
| MAD 250001      |              |                   |                     |                          |              |               |            |          |             |           |              |             |           | 25            | 40       | 38             | 36           | 39       | 41       |          | 39          | 30                    | 26  | 20          | 15   | 29           | 28        | 27          | 19        | 34        | 28          | 25     | 20      | 23   | 20       | 22      |
| MAD 250002      |              |                   |                     | SK 131342                | 100          | 97            | 106        | 105      | 76          | 94        |              |             | 94        | 87            | 105      | 96             | 94           | 97       | 106      | 103      | 105         | 93                    | 87  | 102         | 100  | 96           | 101       | 98          | 110       | 58        | 116         | 105    | 93      | 96   | 96       | 93      |
| Red             |              |                   |                     |                          | 40           | 38            | 41         | 37       | 26          | 33        |              |             | 18        | 49            | 1.14     | -1.0           | 54           | 32       | 9        | 16       | 148         | 58                    | 168 | 83          | -100 | 0.5          | 20.9      | -3.6        | -3.5      | 9.3       | 1           | 53     | 2.12    | 1.32 | 0.33     | 0.55    |
| MAD 250002      |              |                   |                     |                          |              |               |            |          |             |           |              |             |           | 28            | 40       | 39             | 37           | 38       | 41       |          | 39          | 32                    | 23  | 17          | 12   | 25           | 25        | 26          | 19        | 34        | 24          | 22     | 17      | 18   | 17       | 18      |
| MAD 250018      |              |                   |                     | RAT 180806               | 104          | 87            | 95         | 104      | 72          | 79        |              |             | 100       | 90            | 115      | 99             | 96           | 87       | 95       | 92       | 88          | 86                    | 95  | 101         | 106  | 98           | 100       | 98          | 100       | 58        | 106         | 100    | 105     | 99   | 100      | 105     |
| Red             |              |                   |                     |                          | 29           | 27            | 27         | 25       | 21          | 23        |              |             | 22        | 53            | 0.26     | -1.3           | 57           | 27       | 5        | 12       | 99          | 51                    | 199 | 81          | -111 | 0.5          | 20.4      | -3.3        | -2.2      | 9.4       | 0           | 49     | 3.28    | 1.68 | 0.73     | 0.77    |
| MAD 250018      |              |                   |                     |                          |              |               |            |          |             |           |              |             |           | 22            | 30       | 27             | 25           | 27       | 27       |          | 26          | 24                    | 22  | 17          | 11   | 19           | 24        | 20          | 15        | 28        | 23          | 22     | 21      | 23   | 21       | 22      |
| MAD 250020      |              |                   |                     | RK 180040                | 97           | 99            | 81         | 114      | 80          | 87        |              |             | 89        | 81            | 93       | 94             | 87           | 99       | 81       | 87       | 89          | 91                    | 81  | 86          | 88   | 98           | 94        | 106         | 102       | 63        | 88          | 85     | 90      | 97   | 102      | 90      |
| Red             |              |                   |                     |                          | 37           | 38            | 35         | 35       | 24          | 31        |              |             | 20        | 42            | 2.29     | -0.7           | 45           | 33       | 1        | 11       | 103         | 57                    | 144 | 38          | -80  | 0.6          | 17.7      | -6.9        | -2.6      | 12.2      | -1          | 37     | 1.81    | 1.50 | 0.89     | 0.50    |
| MAD 250020      |              |                   |                     |                          |              |               |            |          |             |           |              |             |           | 24            | 39       | 36             | 35           | 38       | 35       |          | 36          | 32                    | 25  | 11          | 9    | 28           | 27        | 25          | 14        | 32        | 27          | 24     | 19      | 22   | 19       | 20      |
| MAD 250028      |              |                   |                     | CP 147802                | 112          | 82            | 80         | 135      | 73          | 78        |              |             | 78        | 64            | 112      | 95             | 69           | 82       | 80       | 81       | 80          | 76                    | 74  | 94          | 88   | 92           | 86        | 104         | 102       | 53        | 100         | 85     | 79      | 93   | 89       | 79      |
| Red             |              |                   |                     |                          | 40           | 38            | 39         | 37       | 27          | 32        |              |             | 10        | 19            | 0.52     | -0.8           | 22           | 24       | 0        | 8        | 80          | 42                    | 120 | 60          | -79  | 0.3          | 14.2      | -6.2        | -2.6      | 7.0       | 0           | 37     | 0.75    | 0.92 | -0.21    | 0.29    |
| MAD 250028      |              |                   |                     |                          |              |               |            |          |             |           |              |             |           | 17            | 40       | 39             | 37           | 38       | 39       |          | 38          | 30                    | 13  | 10          | 7    | 15           | 14        | 28          | 18        | 34        | 14          | 13     | 9       | 10   | 9        | 10      |
| MAD 250030      |              |                   |                     | RK 180036                | 107          | 84            | 87         | 124      | 79          | 80        |              |             | 88        | 72            | 111      | 94             | 78           | 84       | 87       | 86       | 85          | 82                    | 81  | 90          | 94   | 94           | 95        | 102         | 103       | 64        | 102         | 92     | 86      | 105  | 102      | 88      |
| Red             |              |                   |                     |                          | 35           | 35            | 32         | 34       | 21          | 28        |              |             | 17        | 29            | 0.61     | -0.7           | 33           | 26       | 2        | 10       | 93          | 48                    | 145 | 48          | -90  | 0.4          | 18.2      | -5.2        | -2.6      | 12.9      | 0           | 43     | 1.49    | 2.37 | 0.86     | 0.45    |
| MAD 250030      |              |                   |                     |                          |              |               |            |          |             |           |              |             |           | 21            | 37       | 34             | 34           | 35       | 32       |          | 34          | 29                    | 21  | 10          | 12   | 23           | 23        | 23          | 12        | 29        | 22          | 20     | 16      | 18   | 17       | 17      |

# 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 % |
|            |              |                   |                     |                   |              |               |            |          |             |           |              |             |           |               |          |                |              |          |          |          |             |                       |     |             |      |            |           |             |           |           |             |        |         |      |          |         |
| MAD 250034 | Red          | SK                | 140071              |                   | 113          | 81            | 81         | 123      | 75          | 76        |              |             | 85        | 75            | 114      | 102            | 79           | 81       | 81       | 81       | 77          | 76                    | 83  | 104         | 98   | 89         | 96        | 109         | 97        | 57        | 102         | 91     | 84      | 104  | 101      | 85      |
| MAD 250034 |              |                   |                     |                   | 53           | 37            | 38         | 36       | 24          | 33        |              |             | 10        | 34            | 0.35     | -1.7           | 34           | 24       | 1        | 9        | 71          | 42                    | 152 | 90          | -96  | 0.2        | 18.8      | -8.5        | -1.9      | 9.1       | 0           | 42     | 1.28    | 2.33 | 0.79     | 0.41    |
| MAD 250034 |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 20            | 64       | 46             | 36           | 37       | 38       |          | 37          | 30                    | 19  | 6           | 9    | 23         | 22        | 23          | 16        | 33        | 21          | 18     | 10      | 11   | 10       | 10      |
| MAD 250038 | Red          | 8105F<br>WE       | 150063              |                   | 95           | 102           | 108        | 100      | 99          | 104       | 115          | 106         | 120       | 101           | 106      | 92             | 99           | 102      | 108      | 106      | 109         | 109                   | 120 | 106         | 117  | 108        | 119       | 98          | 105       | 96        | 116         | 120    | 111     | 111  | 103      | 112     |
| MAD 250038 |              |                   |                     |                   | 55           | 43            | 38         | 38       | 29          | 36        | 21           | 33          | 26        | 68            | 1.08     | -0.6           | 60           | 35       | 9        | 18       | 158         | 73                    | 292 | 96          | -129 | 0.9        | 29.1      | -3.3        | -2.9      | 30.7      | 1           | 65     | 3.87    | 3.13 | 0.93     | 0.92    |
| MAD 250038 |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 25            | 67       | 48             | 38           | 43       | 38       |          | 40          | 33                    | 26  | 19          | 15   | 27         | 27        | 27          | 19        | 42        | 27          | 26     | 25      | 26   | 25       | 26      |
| MAD 250041 | Red          | CP                | 199218              |                   | 107          | 98            | 98         | 110      | 77          | 95        |              |             | 86        | 85            | 112      | 99             | 90           | 98       | 98       | 98       | 101         | 92                    | 80  | 91          | 92   | 101        | 94        | 102         | 101       | 62        | 106         | 95     | 89      | 95   | 92       | 89      |
| MAD 250041 |              |                   |                     |                   | 34           | 30            | 30         | 21       | 25          | 25        |              |             | 12        | 46            | 0.51     | -1.4           | 49           | 32       | 6        | 15       | 136         | 57                    | 142 | 53          | -86  | 0.7        | 17.7      | -5.2        | -2.3      | 11.8      | 0           | 45     | 1.78    | 1.23 | 0.02     | 0.48    |
| MAD 250041 |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 17            | 37       | 30             | 21           | 30       | 30       |          | 27          | 27                    | 14  | 10          | 9    | 16         | 15        | 26          | 17        | 31        | 15          | 14     | 11      | 12   | 12       | 12      |
| MAD 250048 | Red          | NEL               | 140006              |                   | 98           | 92            | 97         | 116      | 70          | 85        |              |             | 83        | 76            | 100      | 90             | 84           | 92       | 97       | 95       | 98          | 85                    | 78  | 102         | 93   | 87         | 84        | 99          | 95        | 57        | 104         | 91     | 78      | 98   | 95       | 79      |
| MAD 250048 |              |                   |                     |                   | 54           | 39            | 40         | 38       | 28          | 35        |              |             | 21        | 34            | 1.63     | -0.2           | 41           | 30       | 6        | 14       | 129         | 51                    | 133 | 82          | -87  | 0.2        | 13.3      | -3.9        | -1.5      | 8.8       | 0           | 42     | 0.68    | 1.60 | 0.31     | 0.29    |
| MAD 250048 |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 23            | 65       | 48             | 38           | 39       | 40       |          | 39          | 31                    | 24  | 21          | 13   | 24         | 25        | 29          | 21        | 35        | 24          | 23     | 20      | 22   | 21       | 21      |
| MAD 250049 | Black        | LKS               | 140129              |                   | 114          | 86            | 80         | 97       | 78          | 74        | 91           | 74          | 99        | 98            | 129      | 108            | 104          | 86       | 80       | 82       | 73          | 85                    | 92  | 108         | 109  | 88         | 97        | 106         | 96        | 64        | 113         | 100    | 94      | 108  | 99       | 95      |
| MAD 250049 |              |                   |                     |                   | 52           | 37            | 38         | 38       | 26          | 34        | 20           | 31          | 22        | 64            | -1.09    | -2.4           | 67           | 27       | 0        | 9        | 59          | 51                    | 187 | 100         | -115 | 0.2        | 19.0      | -7.3        | -1.7      | 13.0      | 1           | 49     | 2.18    | 2.74 | 0.65     | 0.59    |
| MAD 250049 |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 25            | 64       | 46             | 38           | 37       | 38       |          | 38          | 31                    | 24  | 18          | 16   | 20         | 26        | 26          | 17        | 34        | 25          | 23     | 21      | 23   | 22       | 22      |
| MAD 250050 | Red          | RK                | 200051              |                   | 91           | 99            | 95         | 107      | 74          | 88        |              |             | 92        | 86            | 93       | 89             | 93           | 99       | 95       | 96       | 98          | 97                    | 85  | 104         | 98   | 94         | 98        | 103         | 95        | 62        | 106         | 97     | 96      | 100  | 102      | 96      |
| MAD 250050 |              |                   |                     |                   | 33           | 33            | 24         | 22       | 16          | 24        |              |             | 20        | 48            | 2.32     | -0.2           | 52           | 33       | 5        | 14       | 129         | 62                    | 160 | 90          | -97  | 0.4        | 19.4      | -5.5        | -1.5      | 11.8      | 0           | 46     | 2.39    | 1.80 | 0.85     | 0.61    |
| MAD 250050 |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 19            | 36       | 29             | 22           | 33       | 24       |          | 26          | 27                    | 21  | 6           | 5    | 24         | 23        | 14          | 9         | 25        | 23          | 20     | 18      | 21   | 18       | 20      |
| MAD 250052 | Black        | RK                | 160049              |                   | 97           | 95            | 108        | 122      | 73          | 95        | 82           | 90          | 92        | 73            | 102      | 84             | 78           | 95       | 108      | 104      | 113         | 89                    | 85  | 91          | 98   | 93         | 97        | 88          | 96        | 70        | 110         | 101    | 90      | 109  | 95       | 91      |
| MAD 250052 |              |                   |                     |                   | 53           | 35            | 39         | 37       | 24          | 33        | 22           | 31          | 25        | 31            | 1.49     | 0.4            | 33           | 31       | 9        | 16       | 169         | 54                    | 162 | 52          | -97  | 0.4        | 19.1      | 1.6         | -1.7      | 16.0      | 1           | 50     | 1.81    | 2.97 | 0.25     | 0.53    |
| MAD 250052 |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 35            | 64       | 46             | 37           | 35       | 39       |          | 37          | 30                    | 26  | 11          | 19   | 26         | 28        | 25          | 14        | 34        | 27          | 25     | 24      | 26   | 24       | 25      |
| MAD 250053 | Red          | SK                | 190062              |                   | 100          | 85            | 91         | 113      | 79          | 78        |              |             | 87        | 78            | 106      | 92             | 87           | 85       | 91       | 89       | 86          | 86                    | 83  | 110         | 97   | 89         | 107       | 100         | 109       | 62        | 101         | 93     | 90      | 101  | 97       | 90      |
| MAD 250053 |              |                   |                     |                   | 51           | 35            | 32         | 34       | 22          | 31        |              |             | 13        | 37            | 1.07     | -0.5           | 45           | 26       | 4        | 11       | 95          | 51                    | 153 | 106         | -95  | 0.2        | 23.4      | -4.3        | -3.4      | 11.6      | 0           | 43     | 1.79    | 1.98 | 0.44     | 0.50    |
| MAD 250053 |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 21            | 64       | 44             | 34           | 35       | 32       |          | 34          | 30                    | 17  | 12          | 9    | 18         | 18        | 23          | 14        | 29        | 18          | 16     | 13      | 13   | 13       | 13      |
| MAD 250054 | Red          | RK                | 150085              |                   | 96           | 99            | 90         | 104      | 78          | 88        | 76           | 83          | 87        | 90            | 97       | 96             | 97           | 99       | 90       | 93       | 93          | 93                    | 80  | 95          | 91   | 94         | 95        | 118         | 103       | 51        | 100         | 90     | 84      | 96   | 91       | 84      |
| MAD 250054 |              |                   |                     |                   | 52           | 36            | 36         | 35       | 24          | 32        | 21           | 30          | 22        | 53            | 1.94     | -1.0           | 57           | 33       | 4        | 13       | 115         | 58                    | 140 | 63          | -84  | 0.4        | 18.3      | -12.7       | -2.6      | 5.7       | 0           | 41     | 1.25    | 1.29 | -0.09    | 0.39    |
| MAD 250054 |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 34            | 64       | 45             | 35           | 36       | 36       |          | 36          | 31                    | 26  | 12          | 15   | 29         | 28        | 24          | 16        | 33        | 28          | 25     | 21      | 23   | 21       | 22      |
| MAD 250055 | Red          | CP                | 199108              |                   | 107          | 88            | 96         | 112      | 69          | 82        |              |             | 83        | 82            | 110      | 99             | 88           | 88       | 96       | 93       | 92          | 83                    | 77  | 92          | 90   | 92         | 92        | 90          | 105       | 57        | 101         | 88     | 84      | 99   | 93       | 85      |
| MAD 250055 |              |                   |                     |                   | 50           | 34            | 28         | 16       | 23          | 28        |              |             | 8         | 43            | 0.73     | -1.4           | 46           | 27       | 5        | 13       | 112         | 49                    | 129 | 54          | -82  | 0.3        | 17.0      | 0.5         | -2.9      | 8.7       | 0           | 40     | 1.30    | 1.74 | 0.10     | 0.40    |
| MAD 250055 |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 12            | 64       | 37             | 16           | 34       | 28       |          | 26          | 30                    | 10  | 9           | 6    | 11         | 11        | 24          | 14        | 30        | 11          | 10     | 7       | 8    | 7        | 8       |
| MAD 250063 | Red          | WE                | 160022              |                   | 73           | 94            | 100        | 112      | 61          | 76        |              |             | 87        | 81            | 84       | 66             | 88           | 94       | 100      | 98       | 101         | 93                    | 77  | 86          | 88   | 89         | 87        | 101         | 81        | 53        | 103         | 91     | 78      | 106  | 111      | 80      |
| MAD 250063 |              |                   |                     |                   | 35           | 36            | 36         | 34       | 21          | 29        |              |             | 20        | 42            | 3.13     | 2.5            | 46           | 31       | 7        | 15       | 135         | 59                    | 131 | 38          | -80  | 0.2        | 14.5      | -4.6        | 0.3       | 6.6       | 0           | 42     | 0.64    | 2.60 | 1.64     | 0.30    |
| MAD 250063 |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 12            | 38       | 35             | 34           | 36       | 36       |          | 35          | 22                    | 21  | 9           | 8    | 24         | 24        | 21          | 12        | 31        | 23          | 21     | 19      | 21   | 19       | 20      |
| MAD 250065 | Red          | SK                | 140018              |                   | 115          | 77            | 85         | 103      | 73          | 68        | 85           | 67          | 92        | 92            | 130      | 106            | 98           | 77       | 85       | 82       | 72          | 75                    | 88  | 100         | 99   | 90         | 97        | 102         | 96        | 59        | 110         | 98     | 96      | 98   | 91       | 96      |
| MAD 250065 |              |                   |                     |                   | 52           | 38            | 40         | 36       | 25          | 34        | 24           | 32          | 23        | 55            | -1.21    | -2.2           | 59           | 22       | 2        | 9        | 55          | 41                    | 172 | 78          | -99  | 0.3        | 19.2      | -5.4        | -1.7      | 10.1      | 1           | 48     | 2.41    | 1.61 | -0.06    | 0.61    |
| MAD 250065 |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 21            | 62       | 46             | 36           | 40       |          |          | 38          | 33                    | 27  | 13          | 21   | 28         | 28        | 25          | 17        | 33        | 27          | 26     | 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<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 Thickn | Scrotum   | Heifer Fert | Cow Fert. | Longevity | Frame score | Length | EMA     | Fat  | Marbling | Dress % |
|            |              |                   |                     |                   |              |               |            |          |             |           |              |             |           |               |          |                |              |          |          |          |             |                       |     |             |      |             |           |             |           |           |             |        |         |      |          |         |
| MAD 250068 |              | CP                | 147886              |                   | 99           | 92            | 87         | 108      | 66          | 78        |              |             | 87        | 86            | 106      | 94             | 92           | 92       | 87       | 89       | 87          | 91                    | 84  | 93          | 99   | 88          | 94        | 95          | 91        | 57        | 103         | 91     | 87      | 102  | 94       | 88      |
| Red        |              |                   |                     |                   | 39           | 38            | 38         | 37       | 26          | 32        |              |             | 18        | 48            | 1.10     | -0.7           | 52           | 30       | 3        | 12       | 97          | 57                    | 155 | 58          | -98  | 0.2         | 17.8      | -2.1        | -1.0      | 8.9       | 0           | 42     | 1.53    | 2.12 | 0.19     | 0.45    |
| MAD 250068 |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 19            | 40       | 38             | 37           | 38       | 38       |          | 27          | 19                    | 16  | 15          | 19   | 19          | 27        | 18          | 33        | 19        | 18          | 17     | 18      | 17   | 18       |         |
| MAD 250071 |              | NK                | 150084              |                   | 88           | 93            | 97         | 117      | 66          | 82        |              |             | 90        | 78            | 97       | 78             | 83           | 93       | 97       | 96       | 100         | 96                    | 92  | 99          | 104  | 89          | 105       | 94          | 87        | 59        | 107         | 92     | 93      | 102  | 101      | 93      |
| Red        |              |                   |                     |                   | 52           | 39            | 41         | 37       | 27          | 35        |              |             | 14        | 37            | 1.96     | 1.1            | 40           | 30       | 6        | 14       | 133         | 61                    | 187 | 75          | -106 | 0.2         | 22.8      | -1.6        | -0.5      | 10.2      | 1           | 42     | 2.12    | 2.12 | 0.77     | 0.56    |
| MAD 250071 |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 20            | 62       | 46             | 37           | 39       | 41       |          | 30          | 19                    | 11  | 7           | 21   | 20          | 28        | 18          | 34        | 20        | 18          | 14     | 15      | 14   | 14       |         |
| MAD 250072 |              | NK                | 150084              |                   | 88           | 93            | 97         | 117      | 66          | 82        |              |             | 90        | 78            | 97       | 78             | 83           | 93       | 97       | 96       | 100         | 96                    | 92  | 99          | 104  | 89          | 105       | 94          | 87        | 59        | 107         | 92     | 93      | 102  | 101      | 93      |
| Red        |              |                   |                     |                   | 52           | 39            | 41         | 37       | 27          | 35        |              |             | 14        | 37            | 1.96     | 1.1            | 40           | 30       | 6        | 14       | 133         | 61                    | 187 | 75          | -106 | 0.2         | 22.8      | -1.6        | -0.5      | 10.2      | 1           | 42     | 2.12    | 2.12 | 0.77     | 0.56    |
| MAD 250072 |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 20            | 62       | 46             | 37           | 39       | 41       |          | 30          | 19                    | 11  | 7           | 21   | 20          | 28        | 18          | 34        | 20        | 18          | 14     | 15      | 14   | 14       |         |
| MAD 260018 |              | RK                | 180040              |                   | 96           | 100           | 81         | 114      | 80          | 88        |              |             | 89        | 81            | 92       | 93             | 87           | 100      | 81       | 87       | 90          | 92                    | 81  | 86          | 88   | 98          | 94        | 106         | 102       | 63        | 88          | 85     | 90      | 97   | 102      | 90      |
| Red        |              |                   |                     |                   | 49           | 38            | 35         | 35       | 24          | 32        |              |             | 20        | 42            | 2.40     | -0.6           | 45           | 33       | 1        | 12       | 106         | 57                    | 144 | 38          | -80  | 0.6         | 17.7      | -6.9        | -2.6      | 12.2      | -1          | 37     | 1.81    | 1.50 | 0.89     | 0.50    |
| MAD 260018 |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 24            | 60       | 43             | 35           | 38       | 35       |          | 32          | 25                    | 11  | 9           | 28   | 27          | 25        | 14          | 32        | 27        | 24          | 19     | 22      | 19   | 20       |         |
| MAD 260032 |              | RAT               | 180806              |                   | 104          | 87            | 95         | 104      | 72          | 79        |              |             | 100       | 90            | 115      | 99             | 96           | 87       | 95       | 92       | 88          | 86                    | 95  | 101         | 106  | 98          | 100       | 98          | 100       | 58        | 106         | 100    | 105     | 99   | 100      | 105     |
| Red        |              |                   |                     |                   | 29           | 27            | 27         | 25       | 21          | 23        |              |             | 22        | 53            | 0.26     | -1.3           | 57           | 27       | 5        | 12       | 99          | 51                    | 199 | 81          | -111 | 0.5         | 20.4      | -3.3        | -2.2      | 9.4       | 0           | 49     | 3.28    | 1.68 | 0.73     | 0.77    |
| MAD 260032 |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 22            | 30       | 27             | 25           | 27       | 27       |          | 24          | 22                    | 17  | 11          | 19   | 24          | 20        | 15          | 28        | 23        | 22          | 21     | 23      | 21   | 22       |         |
| MAD 260035 |              | FW                | 230088              |                   | 87           | 98            | 104        | 110      | 65          | 87        |              |             | 95        | 87            | 95       | 81             | 89           | 98       | 104      | 102      | 106         | 95                    | 86  | 89          | 100  | 95          | 106       | 88          | 86        | 63        | 106         | 94     | 89      | 112  | 104      | 91      |
| Black      |              |                   |                     |                   | 47           | 32            | 23         | 19       | 16          | 25        |              |             | 18        | 49            | 2.13     | 0.7            | 48           | 32       | 8        | 16       | 151         | 60                    | 164 | 45          | -100 | 0.4         | 23.3      | 1.5         | -0.4      | 12.3      | 0           | 44     | 1.70    | 3.24 | 1.03     | 0.51    |
| MAD 260035 |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 11            | 63       | 36             | 19           | 32       | 23       |          | 29          | 21                    | 11  | 5           | 24   | 23          | 17        | 9           | 23        | 23        | 21          | 17     | 19      | 17   | 18       |         |
| MAD 260039 |              | FW                | 220045              |                   | 95           | 93            | 94         | 107      | 74          | 83        |              |             | 92        | 87            | 104      | 91             | 93           | 93       | 94       | 94       | 93          | 91                    | 83  | 105         | 95   | 94          | 91        | 100         | 100       | 61        | 105         | 96     | 105     | 102  | 88       | 104     |
| Red        |              |                   |                     |                   | 51           | 36            | 29         | 26       | 22          | 30        |              |             | 24        | 49            | 1.30     | -0.4           | 53           | 30       | 5        | 13       | 114         | 57                    | 153 | 93          | -91  | 0.4         | 16.7      | -4.1        | -2.2      | 10.9      | 0           | 46     | 3.27    | 2.02 | -0.33    | 0.77    |
| MAD 260039 |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 15            | 64       | 41             | 26           | 36       | 29       |          | 32          | 27                    | 22  | 9           | 29   | 29          | 25        | 13          | 29        | 28        | 26          | 23     | 25      | 23   | 24       |         |
| MAD 260047 |              | CP                | 147794              |                   | 123          | 89            | 96         | 116      | 65          | 89        |              |             | 88        | 79            | 114      | 116            | 84           | 89       | 96       | 94       | 95          | 80                    | 81  | 90          | 93   | 92          | 91        | 88          | 94        | 57        | 103         | 92     | 87      | 96   | 92       | 87      |
| Red        |              |                   |                     |                   | 53           | 38            | 39         | 37       | 26          | 34        |              |             | 10        | 39            | 0.32     | -3.4           | 41           | 28       | 5        | 13       | 119         | 46                    | 144 | 50          | -87  | 0.3         | 16.6      | 1.1         | -1.5      | 8.9       | 0           | 42     | 1.50    | 1.38 | 0.05     | 0.44    |
| MAD 260047 |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 14            | 64       | 47             | 37           | 38       | 39       |          | 28          | 12                    | 9   | 5           | 13   | 13          | 27        | 17          | 34        | 13        | 11          | 9      | 10      | 9    | 10       |         |
| MAD 260049 |              | FW                | 220069              |                   | 84           | 110           | 102        | 102      | 64          | 95        |              |             | 100       | 91            | 84       | 86             | 98           | 110      | 102      | 105      | 110         | 105                   | 92  | 103         | 106  | 108         | 104       | 88          | 89        | 61        | 116         | 107    | 106     | 103  | 92       | 106     |
| Red        |              |                   |                     |                   | 50           | 31            | 28         | 26       | 21          | 28        |              |             | 24        | 54            | 3.18     | 0.2            | 58           | 38       | 7        | 18       | 161         | 70                    | 188 | 85          | -111 | 0.9         | 22.4      | 1.5         | -0.7      | 11.0      | 1           | 55     | 3.36    | 2.24 | 0.04     | 0.80    |
| MAD 260049 |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 14            | 63       | 41             | 26           | 31       | 28       |          | 28          | 26                    | 21  | 9           | 28   | 28          | 22        | 13          | 28        | 27        | 26          | 23     | 25      | 23   | 24       |         |
| MAD 260050 |              | SK                | 101158              |                   | 106          | 83            | 91         | 115      | 71          | 76        |              |             | 83        | 80            | 111      | 97             | 86           | 83       | 91       | 88       | 85          | 83                    | 78  | 109         | 91   | 92          | 105       | 97          | 104       | 55        | 95          | 84     | 81      | 106  | 96       | 83      |
| Red        |              |                   |                     |                   | 41           | 37            | 41         | 35       | 25          | 32        |              |             | 12        | 40            | 0.61     | -1.2           | 43           | 25       | 4        | 11       | 92          | 49                    | 133 | 102         | -84  | 0.3         | 22.6      | -2.7        | -2.8      | 7.7       | 0           | 36     | 0.96    | 2.49 | 0.41     | 0.36    |
| MAD 260050 |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 22            | 41       | 39             | 35           | 37       | 41       |          | 30          | 22                    | 18  | 12          | 25   | 24          | 25        | 16          | 34        | 23        | 21          | 12     | 13      | 12   | 12       |         |
| MAD 260054 |              | WE                | 180032              |                   | 115          | 77            | 100        | 106      | 73          | 75        | 86           | 73          | 94        | 87            | 123      | 107            | 94           | 77       | 100      | 92       | 84          | 76                    | 86  | 98          | 100  | 98          | 100       | 101         | 101       | 58        | 113         | 99     | 93      | 110  | 91       | 95      |
| Red        |              |                   |                     |                   | 52           | 37            | 36         | 37       | 27          | 34        | 22           | 32          | 24        | 49            | -0.57    | -2.3           | 54           | 22       | 7        | 12       | 90          | 42                    | 166 | 72          | -100 | 0.6         | 20.6      | -4.6        | -2.3      | 9.4       | 1           | 48     | 2.13    | 3.05 | -0.04    | 0.59    |
| MAD 260054 |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 28            | 64       | 46             | 37           | 37       | 36       |          | 32          | 25                    | 20  | 17          | 26   | 26          | 28        | 20          | 33        | 26        | 25          | 23     | 24      | 23   | 24       |         |
| MAD 260056 |              | CP                | 199218              |                   | 107          | 98            | 98         | 110      | 77          | 95        |              |             | 86        | 85            | 112      | 99             | 90           | 98       | 98       | 98       | 101         | 92                    | 80  | 91          | 92   | 101         | 94        | 102         | 101       | 62        | 106         | 95     | 89      | 95   | 92       | 89      |
| Red        |              |                   |                     |                   | 34           | 30            | 30         | 21       | 25          | 25        |              |             | 12        | 46            | 0.51     | -1.4           | 49           | 32       | 6        | 15       | 136         | 57                    | 142 | 53          | -86  | 0.7         | 17.7      | -5.2        | -2.3      | 11.8      | 0           | 45     | 1.78    | 1.23 | 0.02     | 0.48    |
| MAD 260056 |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 17            | 37       | 30             | 21           | 30       | 30       |          | 27          | 27                    | 14  | 10          | 9    | 16          | 15        | 26          | 17        | 31        | 15          | 14     | 11      | 12   | 12       | 12      |

# Selection List on Cow Value

## Bulls 2 years and older

| ID           | Name       | Sire ID           | Dam ID     | % Inbreeding | Horned / Polled | Myostatin     | Genomic test | Calving Ease Value | Calf Growth Value | Milk Value | Maint. Value | Fertility Value | Cow Value | Growth Value | Prod Value |     |    |     |    |     |    |     |    |     |    |  |
|--------------|------------|-------------------|------------|--------------|-----------------|---------------|--------------|--------------------|-------------------|------------|--------------|-----------------|-----------|--------------|------------|-----|----|-----|----|-----|----|-----|----|-----|----|--|
| Sorted on ID |            |                   |            |              |                 | nt821<br>F94L |              | Acc                | Acc               | Acc        | Acc          | Acc             | Acc       | Acc          | Acc        |     |    |     |    |     |    |     |    |     |    |  |
|              |            |                   |            |              |                 |               |              |                    |                   |            |              |                 |           |              |            |     |    |     |    |     |    |     |    |     |    |  |
|              |            |                   |            |              |                 |               |              |                    |                   |            |              |                 |           |              |            |     |    |     |    |     |    |     |    |     |    |  |
| 1            | RJ 230026  | RJ230026          | KCM 160069 | RJ 180017    | 13.6            |               |              | 73                 | 66                | 112        | 70           | 128             | 59        | 83           | 58         | 121 | 43 | 116 | 54 | 138 | 29 | 122 | 49 | 121 | 34 |  |
|              |            |                   |            |              |                 |               |              |                    |                   |            |              |                 |           |              |            |     |    |     |    |     |    |     |    |     |    |  |
|              |            |                   |            |              |                 |               |              |                    |                   |            |              |                 |           |              |            |     |    |     |    |     |    |     |    |     |    |  |
| 1            | MAD 220007 | 22 007            | AV 190118  | CP 199218    | 3.6             |               |              | 109                | 57                | 98         | 47           | 96              | 43        | 103          | 36         | 102 | 33 | 100 | 39 | 88  | 22 | 97  | 36 | 87  | 22 |  |
| 2            | MAD 230007 | 23 007            | AV 190118  | SK 131342    | 0.7             |               |              | 96                 | 62                | 104        | 52           | 105             | 51        | 98           | 46         | 101 | 35 | 105 | 44 | 97  | 26 | 103 | 40 | 95  | 26 |  |
| 3            | MAD 230043 | 23 043            | AV 190118  | CP 147886    | 0.3             |               |              | 86                 | 61                | 112        | 52           | 89              | 49        | 101          | 47         | 92  | 35 | 100 | 44 | 91  | 25 | 97  | 40 | 88  | 26 |  |
| 4            | MAD 240006 | 24 006            | AV 190118  | SK 131342    | 0.7             |               |              | 98                 | 56                | 102        | 52           | 105             | 51        | 98           | 46         | 101 | 35 | 104 | 43 | 97  | 26 | 101 | 40 | 95  | 26 |  |
| 5            | MAD 240026 | MAD 240026        |            | FW 220027    | 0.0             |               |              | 85                 | 50                | 115        | 35           | 98              | 29        | 102          | 25         | 79  | 22 | 104 | 29 |     |    |     |    | 96  | 22 |  |
|              |            |                   |            |              |                 |               |              |                    |                   |            |              |                 |           |              |            |     |    |     |    |     |    |     |    |     |    |  |
|              |            |                   |            |              |                 |               |              |                    |                   |            |              |                 |           |              |            |     |    |     |    |     |    |     |    |     |    |  |
| 1            | AV 210045  | DOMINION AV210045 | 284F       | AV 160032    | 0.0             |               |              | 92                 | 62                | 104        | 70           | 97              | 53        | 94           | 50         | 100 | 33 | 99  | 50 | 83  | 24 | 94  | 45 | 87  | 35 |  |
| 2            | MAD 230004 | 23 004            | AV 190118  | SK 121266    | 0.3             |               |              | 82                 | 56                | 100        | 52           | 100             | 51        | 97           | 46         | 105 | 35 | 94  | 43 | 102 | 28 | 94  | 40 | 97  | 28 |  |
| 3            | MAD 230046 | 23 046            | AV 190118  | SK 190062    | 0.9             |               |              | 91                 | 59                | 96         | 50           | 92              | 44        | 106          | 45         | 104 | 32 | 92  | 41 | 90  | 22 | 90  | 37 | 88  | 22 |  |
| 4            | MAD 240019 | MAD 240019        |            | CP 147794    | 0.0             |               |              | 119                | 51                | 93         | 38           | 97              | 39        | 116          | 37         | 65  | 26 | 92  | 34 |     |    |     |    | 88  | 10 |  |
| 5            | MAD 240020 | MAD 240020        |            | FW 220045    | 0.0             |               |              | 86                 | 48                | 102        | 36           | 96              | 29        | 107          | 26         | 74  | 22 | 90  | 29 |     |    |     |    | 92  | 24 |  |
| 6            | MAD 240025 | MAD 240025        |            | FW 220084    | 0.0             |               |              | 90                 | 50                | 105        | 35           | 104             | 28        | 103          | 26         | 81  | 22 | 99  | 29 |     |    |     |    | 98  | 23 |  |
| 7            | MAD 240028 | MAD 240028        |            | FW 220054    | 0.0             |               |              | 94                 | 49                | 105        | 36           | 90              | 29        | 105          | 26         | 67  | 22 | 91  | 29 |     |    |     |    | 97  | 23 |  |
| 8            | MAD 240036 | MAD 240036        | AV 190118  | CP 199281    | 2.9             |               |              | 107                | 59                | 89         | 46           | 92              | 42        | 113          | 35         | 99  | 33 | 90  | 39 | 89  | 23 | 88  | 36 | 89  | 23 |  |
| 9            | MAD 240053 | MAD 240053        |            | RK 160049    | 0.0             |               |              | 97                 | 37                | 94         | 35           | 108             | 39        | 122          | 37         | 73  | 24 | 94  | 31 | 82  | 22 | 90  | 29 | 92  | 25 |  |
|              |            |                   |            |              |                 |               |              |                    |                   |            |              |                 |           |              |            |     |    |     |    |     |    |     |    |     |    |  |
|              |            |                   |            |              |                 |               |              |                    |                   |            |              |                 |           |              |            |     |    |     |    |     |    |     |    |     |    |  |
| 1            | AV 190118  | AV190118          | AV 150120  | AV 160032    | 0.4             |               |              | 95                 | 77                | 94         | 71           | 90              | 61        | 102          | 57         | 101 | 46 | 88  | 57 | 87  | 37 | 85  | 53 | 87  | 37 |  |
| 2            | AV 200084  | AV200084          | AV 150120  | AV 130102    | 6.3             |               |              | 97                 | 67                | 98         | 71           | 84              | 61        | 105          | 58         | 90  | 47 | 88  | 56 | 97  | 42 | 88  | 53 | 99  | 42 |  |
| 3            | MAD 230008 | 23 008            | AV 190118  | SK 101158    | 0.6             |               |              | 104                | 56                | 88         | 51           | 90              | 52        | 108          | 45         | 96  | 34 | 85  | 43 | 86  | 26 | 83  | 40 | 84  | 22 |  |
| 4            | MAD 230034 | 23 034            | AV 190118  | RK 180036    | 0.4             |               |              | 108                | 59                | 86         | 50           | 85              | 45        | 116          | 44         | 104 | 31 | 87  | 41 | 87  | 25 | 85  | 38 | 89  | 25 |  |
| 5            | MAD 240015 | MAD 240015        |            | RK 180040    | 0.0             |               |              | 97                 | 37                | 99         | 38           | 81              | 35        | 114          | 35         | 80  | 24 | 87  | 31 |     |    |     |    | 89  | 20 |  |
| 6            | MAD 240031 | MAD 240031        | AV 190118  | SK 140071    | 0.1             |               |              | 109                | 62                | 88         | 51           | 81              | 49        | 116          | 46         | 100 | 33 | 87  | 43 | 89  | 24 | 85  | 39 | 86  | 22 |  |

Selection List on Cow Value  
Bulls 2 years and older

| ID<br>Name<br>Sorted on ID |            |            | Sire ID | Dam ID    | % Inbreeding | Horned / Polled | Myostatin<br>nI821<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                          | MAD 240022 | MAD 240022 |         | WE 140011 | 0.0          |                 |                            |  |              | 97 54                     | 89 36                    | 86 41             | 111 38              | 77 28                  | 77 35            |                     |                   | 85 22 |  |
| 2                          | MAD 240029 | MAD 240029 |         | WE 150046 | 0.0          |                 |                            |  |              | 117 53                    | 82 38                    | 81 38             | 118 36              | 70 27                  | 75 34            |                     |                   | 85 17 |  |
| 3                          | MAD 240043 | MAD 240043 |         | SK 140018 | 0.0          |                 |                            |  |              | 104 39                    | 89 38                    | 87 40             | 103 36              | 73 25                  | 77 32            | 85 24               | 75 30             | 92 23 |  |
| 4                          | MAD 240044 | MAD 240044 |         | SK 140018 | 0.0          |                 |                            |  |              | 104 39                    | 89 38                    | 87 40             | 103 36              | 73 25                  | 77 32            | 85 24               | 75 30             | 92 23 |  |
| 5                          | MAD 240050 | MAD 240050 |         | WE 170013 | 0.0          |                 |                            |  |              | 99 35                     | 86 35                    | 102 35            | 112 36              | 64 21                  | 78 29            |                     |                   | 95 8  |  |
| 6                          | MAD 240056 | MAD 240056 |         | SK 150015 | 0.0          |                 |                            |  |              | 108 37                    | 92 35                    | 81 33             | 101 34              | 54 23                  | 73 29            |                     |                   | 94 20 |  |
| 7                          | MAD 240059 | MAD 240059 |         | WE 160022 | 0.0          |                 |                            |  |              | 73 35                     | 94 36                    | 100 36            | 112 34              | 61 21                  | 76 29            |                     |                   | 87 20 |  |
|                            |            |            |         |           |              |                 |                            |  |              | ★★★                       |                          |                   |                     |                        |                  |                     |                   |       |  |
| 1                          | MAD 240016 | MAD 240016 |         | WB 120173 | 0.0          |                 |                            |  |              | 107 51                    | 74 39                    | 80 41             | 114 38              | 70 29                  | 62 35            | 79 22               | 60 32             | 86 34 |  |

# Selection List on Cow Value

## Cows 2 years and older

| ID<br><div>Sorted on ID</div> | Name       | Sire ID        | Dam ID     | % Inbreeding | Horned / Polled | Myostatin<br>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 |     |    |     |    |     |    |     |    |     |    |  |
|-------------------------------|------------|----------------|------------|--------------|-----------------|----------------------------|--------------|---------------------------|--------------------------|-------------------|---------------------|------------------------|------------------|---------------------|-------------------|-----|----|-----|----|-----|----|-----|----|-----|----|--|
|                               |            |                |            |              |                 |                            |              | ★★★★★★                    |                          |                   |                     |                        |                  |                     |                   |     |    |     |    |     |    |     |    |     |    |  |
| 1                             | FW 220073  | FW220073       | AV 170020  | FW 120025    | 0.2             |                            |              | 88                        | 72                       | 131               | 71                  | 108                    | 59               | 97                  | 53                | 109 | 46 | 133 | 55 | 117 | 36 | 132 | 51 | 114 | 47 |  |
|                               |            |                |            |              |                 |                            |              | ★★★★★★☆                   |                          |                   |                     |                        |                  |                     |                   |     |    |     |    |     |    |     |    |     |    |  |
| 1                             | CP 199218  | 19 9218        | CP 137253  | CP 137363    | 1.3             |                            |              | 114                       | 68                       | 111               | 61                  | 104                    | 59               | 104                 | 42                | 103 | 49 | 120 | 51 | 89  | 24 | 115 | 46 | 87  | 24 |  |
| 2                             | FW 220027  | FW220027       | AV 170020  | FW 140025    | 0.1             |                            |              | 92                        | 70                       | 123               | 71                  | 100                    | 58               | 89                  | 51                | 107 | 45 | 121 | 54 | 109 | 36 | 119 | 50 | 106 | 44 |  |
|                               |            |                |            |              |                 |                            |              | ★★★★★★                    |                          |                   |                     |                        |                  |                     |                   |     |    |     |    |     |    |     |    |     |    |  |
| 1                             | FW 220069  | FW220069       | AV 170020  | FW 140054    | 0.5             |                            |              | 89                        | 71                       | 126               | 61                  | 110                    | 57               | 88                  | 51                | 78  | 43 | 118 | 51 | 116 | 36 | 119 | 48 | 114 | 48 |  |
| 2                             | FW 220084  | FW220084       | AV 170020  | FW 160004    | 0.1             |                            |              | 96                        | 71                       | 111               | 70                  | 114                    | 57               | 91                  | 51                | 113 | 44 | 117 | 54 | 118 | 36 | 118 | 50 | 110 | 46 |  |
| 3                             | FW 230034  | FW230034       | WE 190029  | FW 160028    | 1.0             | PcPc                       | 0 0          | 98                        | 86                       | 103               | 87                  | 124                    | 84               | 110                 | 83                | 86  | 82 | 111 | 76 | 84  | 82 | 105 | 77 | 90  | 82 |  |
| 4                             | NLA 240010 | EVERGREEN 2410 | KCM 210009 | NLA 210006   | 7.4             |                            |              | 95                        | 59                       | 102               | 64                  | 118                    | 45               | 96                  | 39                | 108 | 33 | 110 | 45 | 103 | 24 | 109 | 41 | 105 | 30 |  |
| 5                             | RK 160049  | RK160049       | W384       | WB 060010    | 0.0             |                            |              | 96                        | 76                       | 104               | 70                  | 125                    | 78               | 128                 | 74                | 97  | 48 | 119 | 61 | 96  | 46 | 115 | 58 | 99  | 50 |  |
| 6                             | RK 210055  | RK210055       | 8180       | BR 160044    | 0.2             |                            |              | 102                       | 66                       | 105               | 71                  | 104                    | 57               | 107                 | 55                | 102 | 39 | 110 | 53 | 85  | 34 | 105 | 49 | 95  | 50 |  |
| 7                             | RK 230045  | RK 230045      | RK 200008  | RK 190011    | 0.4             |                            |              | 93                        | 57                       | 117               | 64                  | 98                     | 43               | 84                  | 38                | 101 | 33 | 110 | 44 | 110 | 30 | 111 | 41 | 115 | 38 |  |
| 8                             | SK 131342  | SK131342       | WB 080071  | SK 030768    | 2.4             |                            |              | 101                       | 80                       | 111               | 77                  | 120                    | 82               | 94                  | 73                | 102 | 53 | 119 | 65 | 107 | 36 | 118 | 59 | 103 | 34 |  |
|                               |            |                |            |              |                 |                            |              | ★★★★★★☆                   |                          |                   |                     |                        |                  |                     |                   |     |    |     |    |     |    |     |    |     |    |  |
| 1                             | CP 147794  | BRENDLE A      | AK 100168  | CP 096052    | 0.0             |                            |              | 118                       | 80                       | 98                | 75                  | 101                    | 77               | 116                 | 73                | 79  | 51 | 102 | 64 |     |    |     |    | 91  | 19 |  |
| 2                             | FW 220045  | FW220045       | AV 170020  | FW 110061    | 0.1             |                            |              | 85                        | 71                       | 109               | 71                  | 98                     | 58               | 97                  | 51                | 98  | 45 | 102 | 54 | 101 | 36 | 101 | 50 | 98  | 48 |  |
| 3                             | FW 230044  | FW230044       | WE 190029  | FW 180078    | 1.0             | PcPc                       | 0 0          | 105                       | 86                       | 81                | 87                  | 144                    | 84               | 124                 | 83                | 88  | 82 | 104 | 76 | 89  | 82 | 100 | 77 | 98  | 82 |  |
| 4                             | FW 230053  | FW230053       | WE 190029  | FW 140025    | 0.7             | PcPc                       | 0 0          | 111                       | 87                       | 81                | 87                  | 124                    | 84               | 112                 | 83                | 110 | 82 | 101 | 76 | 77  | 82 | 95  | 77 | 88  | 82 |  |
| 5                             | FW 240055  | FW240055       | FW 220031  | FW 220078    | 0.9             |                            |              | 86                        | 57                       | 101               | 65                  | 114                    | 46               | 103                 | 44                | 109 | 31 | 106 | 45 | 102 | 26 | 104 | 41 | 111 | 38 |  |
| 6                             | MAD 220005 | 22 005         | AV 190118  | CP 199092    | 0.7             |                            |              | 105                       | 58                       | 102               | 50                  | 97                     | 42               | 102                 | 34                | 100 | 33 | 103 | 40 | 88  | 21 | 99  | 36 | 90  | 22 |  |
| 7                             | MAD 230012 | 23 012         | AV 190118  | RK 180053    | 0.6             |                            |              | 95                        | 59                       | 107               | 51                  | 103                    | 45               | 91                  | 44                | 90  | 32 | 101 | 42 | 97  | 25 | 99  | 39 | 101 | 28 |  |
| 8                             | MAD 230017 | 23 017         | AV 190118  | RK 160049    | 0.2             |                            |              | 93                        | 61                       | 101               | 50                  | 108                    | 50               | 114                 | 47                | 99  | 33 | 105 | 43 | 91  | 29 | 101 | 40 | 93  | 31 |  |
| 9                             | MAD 230018 | 23 018         | AV 190118  | RK 200051    | 0.5             |                            |              | 89                        | 57                       | 108               | 48                  | 95                     | 39               | 100                 | 36                | 100 | 28 | 102 | 38 | 94  | 24 | 100 | 35 | 93  | 27 |  |
| 10                            | MAD 230019 | 23 019         | AV 190118  | RK 190003    | 3.3             |                            |              | 97                        | 59                       | 109               | 50                  | 100                    | 45               | 88                  | 46                | 105 | 34 | 107 | 42 | 103 | 26 | 106 | 39 | 109 | 30 |  |
| 11                            | MAD 240021 | MAD 240021     |            | FW 220073    | 0.0             |                            |              | 83                        | 50                       | 117               | 36                  | 102                    | 30               | 106                 | 26                | 79  | 23 | 108 | 30 |     |    |     |    | 100 | 24 |  |

# Selection List on Cow Value

## Cows 2 years and older

| ID<br><div>Sorted on ID</div> | Name       | Sire ID             | Dam ID     | % Inbreeding | Horned / Polled | Myostatin<br>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 |     |    |     |    |     |    |     |    |     |    |  |
|-------------------------------|------------|---------------------|------------|--------------|-----------------|----------------------------|--------------|---------------------------|--------------------------|-------------------|---------------------|------------------------|------------------|---------------------|-------------------|-----|----|-----|----|-----|----|-----|----|-----|----|--|
|                               |            |                     |            |              |                 |                            |              | ★★★★☆                     |                          |                   |                     |                        |                  |                     |                   |     |    |     |    |     |    |     |    |     |    |  |
| 12                            | NLA 240002 | PROSPERITY 2402     | NLA 210003 | NLA 190007   | 1.5             |                            |              | 100                       | 53                       | 112               | 59                  | 88                     | 38               | 105                 | 28                | 95  | 28 | 107 | 39 | 101 | 24 | 105 | 36 | 102 | 26 |  |
| 13                            | RK 180040  | RK180040            | 911U       | FW 100082    | 0.4             |                            |              | 103                       | 75                       | 113               | 75                  | 70                     | 70               | 112                 | 71                | 109 | 47 | 107 | 61 | 97  | 36 | 105 | 56 | 92  | 41 |  |
| 14                            | RK 200051  | RK200051            | RK 170031  | RK 170036    | 0.3             |                            |              | 92                        | 66                       | 113               | 66                  | 99                     | 49               | 99                  | 44                | 99  | 32 | 109 | 48 | 102 | 27 | 108 | 44 | 98  | 38 |  |
| 15                            | SK 121266  | SK121266            | L107       | SK 070956    | 0.0             |                            |              | 73                        | 79                       | 106               | 77                  | 110                    | 82               | 92                  | 72                | 109 | 53 | 101 | 65 | 118 | 41 | 104 | 60 | 106 | 42 |  |
|                               |            |                     |            |              |                 |                            |              | ★★★★                      |                          |                   |                     |                        |                  |                     |                   |     |    |     |    |     |    |     |    |     |    |  |
| 1                             | CBR 140298 | CBR MODERN MAMMA 29 | SV 110175  | WB 050489    | 0.7             |                            |              | 99                        | 77                       | 98                | 69                  | 107                    | 78               | 90                  | 73                | 93  | 47 | 96  | 61 | 82  | 32 | 91  | 55 | 91  | 36 |  |
| 2                             | CP 147890  | JACKPOT             | CP 116627  | CP 085627    | 4.6             |                            |              | 85                        | 77                       | 105               | 75                  | 96                     | 76               | 105                 | 70                | 96  | 52 | 99  | 63 | 103 | 34 | 98  | 57 | 95  | 32 |  |
| 3                             | FW 230088  | FW230088            | FW 210021  | FW 210031    | 1.9             | PcPc                       | 0 0          | 84                        | 82                       | 102               | 83                  | 115                    | 80               | 104                 | 78                | 79  | 78 | 98  | 73 | 99  | 78 | 97  | 74 | 105 | 78 |  |
| 4                             | MAD 220004 | 22 004              | AV 190118  | CP 199281    | 2.9             |                            |              | 99                        | 59                       | 97                | 46                  | 93                     | 42               | 113                 | 35                | 99  | 33 | 97  | 39 | 89  | 23 | 94  | 36 | 89  | 23 |  |
| 5                             | MAD 220011 | 22 011              | AV 190118  | CP 199108    | 0.6             |                            |              | 100                       | 58                       | 97                | 50                  | 96                     | 41               | 105                 | 33                | 95  | 32 | 95  | 39 | 85  | 20 | 91  | 35 | 83  | 20 |  |
| 6                             | MAD 230005 | 23 005              | AV 190118  | SK 121266    | 0.3             |                            |              | 82                        | 56                       | 100               | 52                  | 100                    | 51               | 97                  | 46                | 105 | 35 | 94  | 43 | 102 | 28 | 94  | 40 | 97  | 28 |  |
| 7                             | MAD 230020 | 23 020              | AV 190118  | CP 147890    | 0.4             |                            |              | 89                        | 61                       | 101               | 52                  | 93                     | 49               | 104                 | 45                | 98  | 34 | 94  | 43 | 95  | 25 | 93  | 39 | 91  | 24 |  |
| 8                             | MAD 230021 | 23 021              | AV 190118  | CP 147788    | 0.3             |                            |              | 109                       | 62                       | 88                | 52                  | 97                     | 50               | 110                 | 47                | 97  | 36 | 91  | 44 | 84  | 24 | 87  | 40 | 86  | 24 |  |
| 9                             | MAD 230037 | 23 037              | AV 190118  | CP 199281    | 2.9             |                            |              | 108                       | 59                       | 88                | 46                  | 91                     | 42               | 113                 | 35                | 99  | 33 | 90  | 39 | 89  | 23 | 87  | 36 | 89  | 23 |  |
| 10                            | MAD 230040 | 23 040              | AV 190118  | CP 199108    | 0.6             |                            |              | 103                       | 59                       | 94                | 50                  | 95                     | 41               | 105                 | 33                | 95  | 32 | 93  | 39 | 85  | 20 | 89  | 35 | 83  | 20 |  |
| 11                            | MAD 230042 | MAD 230042          |            | CP 199218    | 0.0             |                            |              | 107                       | 34                       | 98                | 30                  | 98                     | 30               | 110                 | 21                | 77  | 25 | 95  | 25 |     |    |     |    | 86  | 12 |  |
| 12                            | MAD 240001 | 24 001              | AV 190118  | SK 121266    | 0.3             |                            |              | 81                        | 58                       | 100               | 52                  | 100                    | 51               | 97                  | 46                | 113 | 36 | 96  | 44 | 102 | 28 | 96  | 41 | 97  | 28 |  |
| 13                            | MAD 240027 | MAD 240027          |            | FW 220069    | 0.0             |                            |              | 89                        | 50                       | 103               | 31                  | 101                    | 28               | 102                 | 26                | 64  | 21 | 90  | 28 |     |    |     |    | 100 | 24 |  |
| 14                            | MAD 240033 | MAD 240033          |            | CP 199218    | 0.0             |                            |              | 107                       | 34                       | 98                | 30                  | 98                     | 30               | 110                 | 21                | 77  | 25 | 95  | 25 |     |    |     |    | 86  | 12 |  |
| 15                            | MAD 240039 | MAD 240039          |            | CP 199092    | 0.0             |                            |              | 106                       | 35                       | 98                | 35                  | 98                     | 28               | 109                 | 19                | 75  | 23 | 94  | 26 |     |    |     |    | 89  | 10 |  |
| 16                            | NLA 240013 | SPRITELY 2413       | KCM 210009 | E 180202     | 0.8             |                            |              | 104                       | 59                       | 93                | 65                  | 113                    | 44               | 99                  | 39                | 95  | 30 | 98  | 44 |     |    |     |    | 99  | 22 |  |
| 17                            | RAT 180810 | RAT 180810          | WB 130316  | WB 140149    | 1.6             |                            |              | 92                        | 64                       | 92                | 67                  | 110                    | 56               | 101                 | 54                | 97  | 41 | 93  | 52 | 111 | 32 | 95  | 48 | 106 | 43 |  |
| 18                            | RK 150085  | RK150085            | WB 110293  | RK 080001    | 0.3             |                            |              | 108                       | 77                       | 98                | 73                  | 86                     | 71               | 92                  | 71                | 105 | 49 | 95  | 61 | 84  | 42 | 91  | 57 | 89  | 44 |  |
| 19                            | RK 180036  | RK180036            | RK 150094  | RK 150116    | 0.7             |                            |              | 115                       | 70                       | 84                | 70                  | 81                     | 65               | 132                 | 68                | 108 | 43 | 91  | 57 | 87  | 34 | 89  | 52 | 90  | 34 |  |
| 20                            | SK 212024  | SK212024            | WO 170019  | SK 121245    | 0.1             |                            |              | 97                        | 59                       | 99                | 54                  | 96                     | 45               | 101                 | 42                | 78  | 35 | 90  | 43 | 106 | 29 | 91  | 40 | 100 | 32 |  |
| 21                            | WE 160022  | WE160022            | GT 110493  | HOL 130054   | 0.5             |                            |              | 72                        | 71                       | 104               | 72                  | 108                    | 71               | 108                 | 69                | 73  | 43 | 92  | 59 | 83  | 30 | 88  | 53 | 89  | 40 |  |
| 22                            | WE 180032  | WE180032            | R240       | LPA 130008   | 0.0             |                            |              | 116                       | 75                       | 86                | 74                  | 111                    | 72               | 95                  | 75                | 97  | 53 | 93  | 63 | 104 | 42 | 94  | 59 | 102 | 46 |  |
|                               |            |                     |            |              |                 |                            |              |                           |                          |                   |                     |                        |                  |                     |                   |     |    |     |    |     |    |     |    |     |    |  |

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 |            |                 |            |            |              |                 | nr821     | F94L |                                                                                     | Acc                | Acc               | Acc        | Acc          | Acc             | Acc       | Acc          | Acc        |     |    |    |    |     |    |    |    |     |    |  |
|              |            |                 |            |            |              |                 |           |      |                                                                                     | ★★★★               |                   |            |              |                 |           |              |            |     |    |    |    |     |    |    |    |     |    |  |
| 1            | CP 147802  | RED DOLLY       | CP 065056  | CP 096177  | 0.6          |                 |           |      |                                                                                     | 125                | 80                | 79         | 76           | 69              | 79        | 158          | 74         | 95  | 53 | 87 | 65 | 71  | 20 | 81 | 56 | 71  | 20 |  |
| 2            | CP 147874  | RED MAGGIE      | CP 065056  | CP 096093  | 1.4          |                 |           |      |                                                                                     | 114                | 79                | 81         | 77           | 77              | 81        | 126          | 75         | 97  | 54 | 81 | 66 | 72  | 20 | 76 | 57 | 70  | 18 |  |
| 3            | CP 147886  | APACHE 14       | CP 116605  | CP 106320  | 0.5          |                 |           |      |                                                                                     | 99                 | 77                | 100        | 75           | 82              | 76        | 101          | 74         | 82  | 53 | 87 | 64 | 95  | 34 | 86 | 58 | 89  | 35 |  |
| 4            | FW 230031  | FW230031        | AV 190115  | FW 200060  | 1.2          | PcPc            | 0         | 0    |  | 117                | 83                | 65         | 84           | 104             | 81        | 138          | 80         | 107 | 79 | 83 | 74 | 85  | 78 | 80 | 75 | 86  | 80 |  |
| 5            | KDL 230019 | KDL2319         | E 180213   | KDL 190127 | 0.2          |                 |           |      |                                                                                     | 100                | 66                | 85         | 67           | 78              | 50        | 110          | 47         | 112 | 35 | 81 | 49 | 98  | 22 | 82 | 44 | 95  | 25 |  |
| 6            | LPA 160031 | LPA160031       | LB 110014  | HOL 050035 | 1.9          |                 |           |      |                                                                                     | 72                 | 75                | 116        | 74           | 85              | 76        | 88           | 74         | 68  | 43 | 88 | 61 | 89  | 40 | 86 | 57 | 80  | 44 |  |
| 7            | MAD 220002 | 22 002          | AV 190118  | CP 199210  | 1.6          |                 |           |      |                                                                                     | 113                | 56                | 84         | 45           | 86              | 37        | 111          | 33         | 94  | 30 | 82 | 37 | 83  | 20 | 79 | 34 | 82  | 20 |  |
| 8            | MAD 230029 | 23 029          | AV 190118  | HOL 130077 | 0.2          |                 |           |      |                                                                                     | 99                 | 62                | 90         | 51           | 93              | 48        | 101          | 46         | 95  | 32 | 85 | 43 | 92  | 26 | 84 | 40 | 86  | 29 |  |
| 9            | MAD 230031 | 23 031          | AV 190118  | SK 140018  | 0.5          |                 |           |      |                                                                                     | 107                | 62                | 89         | 52           | 85              | 50        | 96           | 46         | 98  | 34 | 82 | 44 | 95  | 30 | 82 | 41 | 93  | 29 |  |
| 10           | MAD 230035 | 23 035          | AV 190118  | SK 180078  | 0.2          |                 |           |      |                                                                                     | 94                 | 59                | 104        | 49           | 85              | 43        | 96           | 44         | 82  | 30 | 89 | 40 | 91  | 24 | 87 | 37 | 93  | 24 |  |
| 11           | MAD 230045 | 23 045          | AV 190118  | NEL 140006 | 0.2          |                 |           |      |                                                                                     | 102                | 62                | 90         | 52           | 95              | 50        | 109          | 47         | 95  | 36 | 89 | 44 | 86  | 26 | 86 | 40 | 84  | 28 |  |
| 12           | MAD 240030 | MAD 240030      | AV 190118  | HOL 130077 | 0.2          |                 |           |      |                                                                                     | 104                | 62                | 85         | 51           | 92              | 48        | 101          | 46         | 95  | 32 | 81 | 43 | 92  | 26 | 80 | 40 | 86  | 29 |  |
| 13           | MAD 240032 | MAD 240032      |            | RK 180036  | 0.0          |                 |           |      |                                                                                     | 107                | 35                | 84         | 35           | 87              | 32        | 124          | 34         | 79  | 21 | 80 | 28 |     |    |    |    | 88  | 17 |  |
| 14           | MAD 240034 | MAD 240034      |            | WE 180032  | 0.0          |                 |           |      |                                                                                     | 107                | 38                | 85         | 37           | 101             | 36        | 106          | 37         | 73  | 27 | 81 | 31 | 86  | 22 | 79 | 29 | 94  | 24 |  |
| 15           | MAD 240042 | MAD 240042      |            | RK 200051  | 0.0          |                 |           |      |                                                                                     | 91                 | 33                | 99         | 33           | 95              | 24        | 107          | 22         | 74  | 16 | 88 | 24 |     |    |    |    | 92  | 20 |  |
| 16           | MAD 240045 | MAD 240045      |            | NEL 140006 | 0.0          |                 |           |      |                                                                                     | 100                | 41                | 89         | 39           | 97              | 40        | 116          | 38         | 70  | 28 | 83 | 33 |     |    |    |    | 83  | 21 |  |
| 17           | MAD 240049 | MAD 240049      |            | CP 199108  | 0.0          |                 |           |      |                                                                                     | 105                | 35                | 89         | 34           | 96              | 28        | 112          | 16         | 69  | 23 | 83 | 25 |     |    |    |    | 83  | 8  |  |
| 18           | MAD 240051 | MAD 240051      |            | RK 150085  | 0.0          |                 |           |      |                                                                                     | 103                | 39                | 91         | 36           | 89              | 36        | 104          | 35         | 78  | 24 | 82 | 30 | 76  | 21 | 77 | 28 | 87  | 22 |  |
| 19           | NLA 240023 | PROUD MARY 2423 | KCM 210009 | NLA 140001 | 0.8          |                 |           |      |                                                                                     | 100                | 57                | 88         | 63           | 104             | 48        | 101          | 40         | 98  | 35 | 88 | 45 | 97  | 23 | 88 | 41 | 100 | 26 |  |
| 20           | RAT 180806 | RAT 180806      | WB 130316  | RAT 140403 | 4.8          |                 |           |      |                                                                                     | 110                | 57                | 90         | 55           | 98              | 54        | 92           | 51         | 93  | 43 | 88 | 47 | 121 | 33 | 93 | 44 | 114 | 44 |  |
| 21           | RAT 180807 | RAT 180807      | WB 130316  | RAT 140403 | 4.8          |                 |           |      |                                                                                     | 110                | 57                | 90         | 55           | 98              | 54        | 92           | 51         | 92  | 42 | 88 | 47 | 121 | 33 | 93 | 44 | 114 | 44 |  |
| 22           | RK 150066  | PRINCESA        | WAF351U    | RR 070154  | 0.0          |                 |           |      |                                                                                     | 123                | 79                | 75         | 75           | 105             | 78        | 114          | 74         | 98  | 47 | 87 | 63 | 85  | 38 | 84 | 58 | 82  | 42 |  |
| 23           | RK 230061  | RK 230061       | RK 200063  | RK 160063  | 0.8          |                 |           |      |                                                                                     | 91                 | 64                | 94         | 67           | 101             | 50        | 107          | 45         | 87  | 34 | 89 | 48 | 105 | 28 | 90 | 44 | 95  | 36 |  |
| 24           | SK 101158  | SK101158        | KHC 060114 | SK 010643  | 0.5          |                 |           |      |                                                                                     | 114                | 81                | 82         | 73           | 90              | 83        | 113          | 71         | 92  | 50 | 83 | 64 | 85  | 35 | 80 | 58 | 81  | 24 |  |
| 25           | SK 200036  | SK200036        | RK 160083  | SK 131329  | 1.0          |                 |           |      |                                                                                     | 109                | 61                | 87         | 68           | 88              | 51        | 104          | 48         | 97  | 38 | 85 | 49 | 105 | 40 | 87 | 47 | 94  | 38 |  |
| 26           | SK 212007  | SK212007        | WO 170019  | SK 131355  | 0.4          |                 |           |      |                                                                                     | 110                | 59                | 80         | 55           | 96              | 46        | 115          | 41         | 94  | 32 | 83 | 43 | 94  | 23 | 83 | 39 | 90  | 22 |  |
| 27           | SK 212023  | SK212023        | WO 170019  | SK 131321  | 0.7          |                 |           |      |                                                                                     | 101                | 57                | 94         | 53           | 90              | 42        | 113          | 39         | 77  | 31 | 86 | 41 | 95  | 22 | 85 | 37 | 93  | 24 |  |
| 28           | SK 212040  | SK212040        | RK 160083  | SK 131336  | 3.1          |                 |           |      |                                                                                     | 101                | 59                | 94         | 57           | 83              | 47        | 97           | 41         | 84  | 35 | 82 | 44 | 96  | 36 | 82 | 42 | 95  | 34 |  |
| 29           | SK 212054  | SK212054        | RK 160078  | SK 101158  | 1.4          |                 |           |      |                                                                                     | 119                | 61                | 86         | 55           | 88              | 50        | 110          | 44         | 94  | 34 | 88 | 44 | 90  | 36 | 86 | 42 | 89  | 31 |  |
| 30           | WE 150046  | WE1546          | CP 106312  | CP 096026  | 1.4          |                 |           |      |                                                                                     | 136                | 78                | 79         | 76           | 71              | 77        | 119          | 71         | 90  | 54 | 80 | 64 | 90  | 32 | 79 | 58 | 85  | 34 |  |

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        |        |  |
|              |                           |           |            |              |                 |           |              |                    |                   |            |              |                 |           |              |            |        |  |
|              |                           |           |            |              |                 |           |              |                    |                   |            |              |                 |           |              |            |        |  |
| 31           | WE 170013 WE170013        | WE 140012 | WE 130003  | 2.4          |                 |           |              | 99 69              | 87 71             | 112 70     | 108 72       | 79 43           | 87 58     |              |            | 105 17 |  |
|              |                           |           |            |              |                 |           |              |                    |                   |            |              |                 |           |              |            |        |  |
|              |                           |           |            |              |                 |           |              |                    |                   |            |              |                 |           |              |            |        |  |
| 1            | MAD 230010 MAD 230010     |           | RAT 180806 | 0.0          |                 |           |              | 104 29             | 87 27             | 95 27      | 104 25       | 72 21           | 79 23     |              |            | 100 22 |  |
| 2            | MAD 230032 23 032         | AV 190118 | NEL 140003 | 0.2          |                 |           |              | 108 62             | 78 53             | 89 51      | 113 48       | 90 36           | 76 45     | 81 26        | 74 41      | 78 28  |  |
| 3            | MAD 240011 MAD 240011     |           | RAT 180806 | 0.0          |                 |           |              | 104 29             | 87 27             | 95 27      | 104 25       | 72 21           | 79 23     |              |            | 100 22 |  |
| 4            | MAD 240017 MAD 240017     |           | SK 101158  | 0.0          |                 |           |              | 106 41             | 83 37             | 91 41      | 115 35       | 71 25           | 76 32     |              |            | 83 12  |  |
| 5            | MAD 240037 MAD 240037     | AV 190118 | NEL 140003 | 0.2          |                 |           |              | 109 62             | 78 53             | 89 51      | 113 48       | 90 36           | 76 45     | 81 26        | 73 41      | 78 28  |  |
| 6            | MAD 240047 MAD 240047     |           | SK 190062  | 0.0          |                 |           |              | 99 36              | 86 35             | 91 32      | 113 34       | 79 22           | 78 29     |              |            | 87 13  |  |
| 7            | MAD 240054 MAD 240054     |           | LPA 160031 | 0.0          |                 |           |              | 72 37              | 100 37            | 88 38      | 102 37       | 59 21           | 74 30     | 78 20        | 71 28      | 83 22  |  |
| 8            | MAD 240070 MAD 240070     |           | CP 147886  | 0.0          |                 |           |              | 99 39              | 92 38             | 87 38      | 108 37       | 66 26           | 78 32     |              |            | 87 18  |  |
| 9            | NK 150084 JESSY           | P27       | NK 070019  | 0.0          |                 |           |              | 100 80             | 80 79             | 98 82      | 119 75       | 81 54           | 78 66     | 107 26       | 80 58      | 95 29  |  |
| 10           | SK 212021 SK212021        | WO 170019 | SK 131335  | 0.4          |                 |           |              | 106 59             | 89 54             | 83 45      | 101 43       | 86 31           | 79 42     | 94 22        | 79 38      | 92 22  |  |
|              |                           |           |            |              |                 |           |              |                    |                   |            |              |                 |           |              |            |        |  |
|              |                           |           |            |              |                 |           |              |                    |                   |            |              |                 |           |              |            |        |  |
| 1            | WB 120173 SUNSATON 120173 | WB 090105 | WB 080005  | 0.5          |                 |           |              | 101 80             | 79 78             | 72 82      | 111 77       | 90 57           | 66 67     | 90 45        | 66 63      | 86 70  |  |

# Selection List on Cow Value

## Bull calves younger than 2 years

| ID<br>Sorted on ID | 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                  | MAD 260048 | MAD 260048 | FW 220073  | 0.0          |                 |                            |              | 85 51                     | 111 36                   | 101 30            | 106 26              | 79 23                  | 102 30           |  |                     |                   | 100 24               |
|                    |            |            |            |              |                 |                            |              |                           |                          |                   |                     |                        |                  |  |                     |                   |                      |
|                    |            |            |            |              |                 |                            |              |                           |                          |                   |                     |                        |                  |  |                     |                   |                      |
| 1                  | MAD 250013 | MAD 250013 | RK 210055  | 0.0          |                 |                            |              | 101 34                    | 95 36                    | 98 28             | 112 28              | 76 19                  | 90 27            |  |                     |                   | 90 25                |
| 2                  | MAD 250026 | MAD 250026 | FW 220045  | 0.0          |                 |                            |              | 84 48                     | 104 36                   | 96 29             | 107 26              | 74 22                  | 91 29            |  |                     |                   | 92 24                |
| 3                  | MAD 250027 | MAD 250027 | CP 147794  | 0.0          |                 |                            |              | 116 51                    | 96 38                    | 97 39             | 116 37              | 65 26                  | 94 34            |  |                     |                   | 88 10                |
| 4                  | MAD 250031 | MAD 250031 | FW 220069  | 0.0          |                 |                            |              | 88 51                     | 104 31                   | 101 28            | 102 26              | 64 21                  | 90 28            |  |                     |                   | 100 24               |
| 5                  | MAD 250032 | MAD 250032 | FW 220084  | 0.0          |                 |                            |              | 91 51                     | 104 35                   | 104 28            | 103 26              | 81 22                  | 98 29            |  |                     |                   | 98 23                |
| 6                  | MAD 250033 | MAD 250033 | FW 220073  | 0.0          |                 |                            |              | 94 51                     | 101 36                   | 99 30             | 106 26              | 79 23                  | 95 30            |  |                     |                   | 100 24               |
| 7                  | MAD 250043 | MAD 250043 | CBR 140290 | 0.0          |                 |                            |              | 113 38                    | 94 36                    | 95 41             | 102 39              | 87 25                  | 93 32            |  |                     |                   | 99 18                |
| 8                  | MAD 250045 | MAD 250045 | FW 220027  | 0.0          |                 |                            |              | 99 50                     | 99 35                    | 95 29             | 102 25              | 79 22                  | 91 29            |  |                     |                   | 96 22                |
| 9                  | MAD 260041 | MAD 260041 | FW 230053  | 0.0          |                 |                            |              | 96 48                     | 92 35                    | 110 28            | 114 25              | 80 20                  | 92 28            |  |                     |                   | 87 20                |
| 10                 | MAD 260044 | MAD 260044 | FW 230044  | 0.0          |                 |                            |              | 87 47                     | 98 35                    | 121 26            | 120 24              | 69 19                  | 99 27            |  |                     |                   | 92 20                |
|                    |            |            |            |              |                 |                            |              |                           |                          |                   |                     |                        |                  |  |                     |                   |                      |
|                    |            |            |            |              |                 |                            |              |                           |                          |                   |                     |                        |                  |  |                     |                   |                      |
| 1                  | MAD 250023 | MAD 250023 | CP 147890  | 0.0          |                 |                            |              | 92 39                     | 95 37                    | 94 38             | 111 35              | 73 26                  | 84 31            |  |                     |                   | 90 16                |
| 2                  | MAD 250037 | MAD 250037 | WE 150046  | 0.0          |                 |                            |              | 105 53                    | 95 38                    | 84 38             | 117 36              | 70 27                  | 85 34            |  |                     |                   | 85 17                |
| 3                  | MAD 250039 | MAD 250039 | WE 180032  | 0.0          |                 |                            |              | 107 38                    | 85 37                    | 101 36            | 106 37              | 73 27                  | 81 31            |  | 86 22               | 79 29             | 94 24                |
| 4                  | MAD 250046 | MAD 250046 | RK 150066  | 0.0          |                 |                            |              | 105 53                    | 86 38                    | 100 39            | 115 37              | 74 24                  | 83 34            |  |                     |                   | 84 20                |
| 5                  | MAD 250059 | MAD 250059 | CBR 140298 | 0.0          |                 |                            |              | 101 52                    | 89 35                    | 99 39             | 103 36              | 72 24                  | 81 33            |  |                     |                   | 88 18                |
| 6                  | MAD 260016 | MAD 260016 | RK 210055  | 0.0          |                 |                            |              | 103 46                    | 92 36                    | 97 28             | 112 28              | 76 19                  | 87 28            |  |                     |                   | 90 25                |
| 7                  | MAD 260019 | MAD 260019 | MAD 240001 | 0.0          |                 |                            |              | 88 43                     | 94 26                    | 96 26             | 106 23              | 81 18                  | 84 24            |  |                     |                   | 91 14                |
| 8                  | MAD 260040 | MAD 260040 | FW 230031  | 0.0          |                 |                            |              | 101 47                    | 82 34                    | 99 26             | 127 24              | 78 18                  | 82 27            |  |                     |                   | 86 22                |
| 9                  | MAD 260051 | MAD 260051 | CP 147802  | 0.0          |                 |                            |              | 108 53                    | 86 38                    | 81 39             | 135 37              | 73 27                  | 80 34            |  |                     |                   | 78 10                |
| 10                 | MAD 260057 | MAD 260057 | FW 220084  | 0.0          |                 |                            |              | 111 51                    | 83 35                    | 100 28            | 104 26              | 81 22                  | 82 29            |  |                     |                   | 98 23                |
|                    |            |            |            |              |                 |                            |              |                           |                          |                   |                     |                        |                  |  |                     |                   |                      |
|                    |            |            |            |              |                 |                            |              |                           |                          |                   |                     |                        |                  |  |                     |                   |                      |
| 1                  | MAD 250021 | MAD 250021 | RK 170070  | 0.0          |                 |                            |              | 116 50                    | 74 36                    | 100 37            | 125 36              | 75 24                  | 78 32            |  | 69 20               | 72 30             | 80 22                |
| 2                  | MAD 260001 | MAD 260001 | LPA 160031 | 0.0          |                 |                            |              | 72 37                     | 100 37                   | 88 38             | 102 37              | 59 21                  | 74 30            |  | 78 20               | 71 28             | 83 22                |

Selection List on Cow Value

Bull calves younger than 2 years

| ID<br>Name<br>Sorted on ID |            |            | Sire ID | Dam ID     | % Inbreeding | Horned / Polled | Myostatin |  | Genomic test | Calving Ease Value<br>Acc | Calf Growth Value<br>Acc | Milk Value<br>Acc | Maint. Value<br>Acc | Fertility Value<br>Acc | Cow Value<br>Acc |  | Growth Value<br>Acc | Prod Value<br>Acc | Carcass Value<br>Acc |
|----------------------------|------------|------------|---------|------------|--------------|-----------------|-----------|--|--------------|---------------------------|--------------------------|-------------------|---------------------|------------------------|------------------|--|---------------------|-------------------|----------------------|
|                            |            |            |         |            |              |                 |           |  |              | ★★★                       |                          |                   |                     |                        |                  |  |                     |                   |                      |
| 3                          | MAD 260034 | MAD 260034 |         | RK 230061  | 0.0          |                 |           |  |              | 9247                      | 9034                     | 9625              | 11222               | 6917                   | 7926             |  |                     |                   | 9018                 |
| 4                          | MAD 260060 | MAD 260060 |         | RK 200051  | 0.0          |                 |           |  |              | 10748                     | 8233                     | 9224              | 10822               | 7416                   | 7526             |  |                     |                   | 9220                 |
| 5                          | MAD 260063 | MAD 260063 |         | CBR 140299 | 0.0          |                 |           |  |              | 12053                     | 8334                     | 8338              | 10036               | 6823                   | 7332             |  |                     |                   | 9118                 |
|                            |            |            |         |            |              |                 |           |  |              | ★★★                       |                          |                   |                     |                        |                  |  |                     |                   |                      |
| 1                          | MAD 250066 | MAD 250066 |         | SK 140018  | 0.0          |                 |           |  |              | 11452                     | 7838                     | 8540              | 10336               | 7325                   | 6934             |  | 8524                | 6832              | 9223                 |

# Selection List on Cow Value

## Heifers 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 F94L |              | Acc                | Acc               | Acc        | Acc          | Acc             | Acc       |     | Acc          | Acc        | Acc           |     |    |  |     |    |     |     |     |    |
|              |            |            |                 |              |                 |            |              | ★★★★☆              |                   |            |              |                 |           |     |              |            |               |     |    |  |     |    |     |     |     |    |
| 1            | MAD 250038 | MAD 250038 | 8105F WE 150063 | 0.0          |                 |            |              | 95                 | 55                | 102        | 43           | 108             | 38        | 100 | 38           | 99         | 29            | 104 | 36 |  | 115 | 21 | 106 | 33  | 120 | 26 |
|              |            |            |                 |              |                 |            |              | ★★★★               |                   |            |              |                 |           |     |              |            |               |     |    |  |     |    |     |     |     |    |
| 1            | MAD 250002 | MAD 250002 |                 | SK 131342    | 0.0             |            |              | 100                | 40                | 97         | 38           | 106             | 41        | 105 | 37           | 76         | 26            | 94  | 33 |  |     |    |     | 94  | 18  |    |
| 2            | MAD 250041 | MAD 250041 |                 | CP 199218    | 0.0             |            |              | 107                | 34                | 98         | 30           | 98              | 30        | 110 | 21           | 77         | 25            | 95  | 25 |  |     |    |     | 86  | 12  |    |
| 3            | MAD 250052 | MAD 250052 |                 | RK 160049    | 0.0             |            |              | 97                 | 53                | 95         | 35           | 108             | 39        | 122 | 37           | 73         | 24            | 95  | 33 |  | 82  | 22 | 90  | 31  | 92  | 25 |
| 4            | MAD 260049 | MAD 260049 |                 | FW 220069    | 0.0             |            |              | 84                 | 50                | 110        | 31           | 102             | 28        | 102 | 26           | 64         | 21            | 95  | 28 |  |     |    |     | 100 | 24  |    |
| 5            | MAD 260056 | MAD 260056 |                 | CP 199218    | 0.0             |            |              | 107                | 34                | 98         | 30           | 98              | 30        | 110 | 21           | 77         | 25            | 95  | 25 |  |     |    |     | 86  | 12  |    |
|              |            |            |                 |              |                 |            |              | ★★★★☆              |                   |            |              |                 |           |     |              |            |               |     |    |  |     |    |     |     |     |    |
| 1            | MAD 250001 | MAD 250001 |                 | SK 121266    | 0.0             |            |              | 84                 | 40                | 95         | 39           | 101             | 41        | 104 | 36           | 80         | 27            | 84  | 33 |  | 93  | 21 | 84  | 31  | 96  | 22 |
| 2            | MAD 250020 | MAD 250020 |                 | RK 180040    | 0.0             |            |              | 97                 | 37                | 99         | 38           | 81              | 35        | 114 | 35           | 80         | 24            | 87  | 31 |  |     |    |     | 89  | 20  |    |
| 3            | MAD 250030 | MAD 250030 |                 | RK 180036    | 0.0             |            |              | 107                | 35                | 84         | 35           | 87              | 32        | 124 | 34           | 79         | 21            | 80  | 28 |  |     |    |     | 88  | 17  |    |
| 4            | MAD 250048 | MAD 250048 |                 | NEL 140006   | 0.0             |            |              | 98                 | 54                | 92         | 39           | 97              | 40        | 116 | 38           | 70         | 28            | 85  | 35 |  |     |    |     | 83  | 21  |    |
| 5            | MAD 250050 | MAD 250050 |                 | RK 200051    | 0.0             |            |              | 91                 | 33                | 99         | 33           | 95              | 24        | 107 | 22           | 74         | 16            | 88  | 24 |  |     |    |     | 92  | 20  |    |
| 6            | MAD 250054 | MAD 250054 |                 | RK 150085    | 0.0             |            |              | 96                 | 52                | 99         | 36           | 90              | 36        | 104 | 35           | 78         | 24            | 88  | 32 |  | 76  | 21 | 83  | 30  | 87  | 22 |
| 7            | MAD 250055 | MAD 250055 |                 | CP 199108    | 0.0             |            |              | 107                | 50                | 88         | 34           | 96              | 28        | 112 | 16           | 69         | 23            | 82  | 28 |  |     |    |     | 83  | 8   |    |
| 8            | MAD 250071 | MAD 250071 |                 | NK 150084    | 0.0             |            |              | 88                 | 52                | 93         | 39           | 97              | 41        | 117 | 37           | 66         | 27            | 82  | 35 |  |     |    |     | 90  | 14  |    |
| 9            | MAD 250072 | MAD 250072 |                 | NK 150084    | 0.0             |            |              | 88                 | 52                | 93         | 39           | 97              | 41        | 117 | 37           | 66         | 27            | 82  | 35 |  |     |    |     | 90  | 14  |    |
| 10           | MAD 260018 | MAD 260018 |                 | RK 180040    | 0.0             |            |              | 96                 | 49                | 100        | 38           | 81              | 35        | 114 | 35           | 80         | 24            | 88  | 32 |  |     |    |     | 89  | 20  |    |
| 11           | MAD 260035 | MAD 260035 |                 | FW 230088    | 0.0             |            |              | 87                 | 47                | 98         | 32           | 104             | 23        | 110 | 19           | 65         | 16            | 87  | 25 |  |     |    |     | 95  | 18  |    |
| 12           | MAD 260039 | MAD 260039 |                 | FW 220045    | 0.0             |            |              | 95                 | 51                | 93         | 36           | 94              | 29        | 107 | 26           | 74         | 22            | 83  | 30 |  |     |    |     | 92  | 24  |    |
| 13           | MAD 260047 | MAD 260047 |                 | CP 147794    | 0.0             |            |              | 123                | 53                | 89         | 38           | 96              | 39        | 116 | 37           | 65         | 26            | 89  | 34 |  |     |    |     | 88  | 10  |    |
|              |            |            |                 |              |                 |            |              | ★★★                |                   |            |              |                 |           |     |              |            |               |     |    |  |     |    |     |     |     |    |
| 1            | MAD 250018 | MAD 250018 |                 | RAT 180806   | 0.0             |            |              | 104                | 29                | 87         | 27           | 95              | 27        | 104 | 25           | 72         | 21            | 79  | 23 |  |     |    |     | 100 | 22  |    |
| 2            | MAD 250028 | MAD 250028 |                 | CP 147802    | 0.0             |            |              | 112                | 40                | 82         | 38           | 80              | 39        | 135 | 37           | 73         | 27            | 78  | 32 |  |     |    |     | 78  | 10  |    |
| 3            | MAD 250034 | MAD 250034 |                 | SK 140071    | 0.0             |            |              | 113                | 53                | 81         | 37           | 81              | 38        | 123 | 36           | 75         | 24            | 76  | 33 |  |     |    |     | 85  | 10  |    |
| 4            | MAD 250049 | MAD 250049 |                 | LKS 140129   | 0.0             |            |              | 114                | 52                | 86         | 37           | 80              | 38        | 97  | 38           | 78         | 26            | 74  | 34 |  | 91  | 20 | 74  | 31  | 99  | 22 |

Selection List on Cow Value  
Heifers younger than 2 years

| ID<br>Sorted on ID |            |            | Name |  | Sire ID | Dam ID     | % Inbreeding | Horned / Polled | Myostatin |  | Genomic test | Calving Ease Value<br>Acc | Calf Growth Value<br>Acc | Milk Value<br>Acc | Maint. Value<br>Acc | Fertility Value<br>Acc | Cow Value<br>Acc |  | Growth Value<br>Acc | Prod Value<br>Acc | Carcass Value<br>Acc |
|--------------------|------------|------------|------|--|---------|------------|--------------|-----------------|-----------|--|--------------|---------------------------|--------------------------|-------------------|---------------------|------------------------|------------------|--|---------------------|-------------------|----------------------|
|                    |            |            |      |  |         |            |              |                 |           |  |              | ★★                        |                          |                   |                     |                        |                  |  |                     |                   |                      |
| 5                  | MAD 250053 | MAD 250053 |      |  |         | SK 190062  | 0.0          |                 |           |  |              | 10051                     | 8535                     | 9132              | 11334               | 7922                   | 7831             |  |                     |                   | 8713                 |
| 6                  | MAD 250063 | MAD 250063 |      |  |         | WE 160022  | 0.0          |                 |           |  |              | 7335                      | 9436                     | 10036             | 11234               | 6121                   | 7629             |  |                     |                   | 8720                 |
| 7                  | MAD 250068 | MAD 250068 |      |  |         | CP 147886  | 0.0          |                 |           |  |              | 9939                      | 9238                     | 8738              | 10837               | 6626                   | 7832             |  |                     |                   | 8718                 |
| 8                  | MAD 260032 | MAD 260032 |      |  |         | RAT 180806 | 0.0          |                 |           |  |              | 10429                     | 8727                     | 9527              | 10425               | 7221                   | 7923             |  |                     |                   | 10022                |
| 9                  | MAD 260050 | MAD 260050 |      |  |         | SK 101158  | 0.0          |                 |           |  |              | 10641                     | 8337                     | 9141              | 11535               | 7125                   | 7632             |  |                     |                   | 8312                 |
| 10                 | MAD 260054 | MAD 260054 |      |  |         | WE 180032  | 0.0          |                 |           |  |              | 11552                     | 7737                     | 10036             | 10637               | 7327                   | 7534             |  | 8622                | 7332              | 9424                 |
|                    |            |            |      |  |         |            |              |                 |           |  |              | ★★★                       |                          |                   |                     |                        |                  |  |                     |                   |                      |
| 1                  | MAD 250065 | MAD 250065 |      |  |         | SK 140018  | 0.0          |                 |           |  |              | 11552                     | 7738                     | 8540              | 10336               | 7325                   | 6834             |  | 8524                | 6732              | 9223                 |



