

**ANGUS**

## **GENOMIC BREEDING VALUE REPORT**

September 2026



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# EBVs, EBVi's and GEBVs

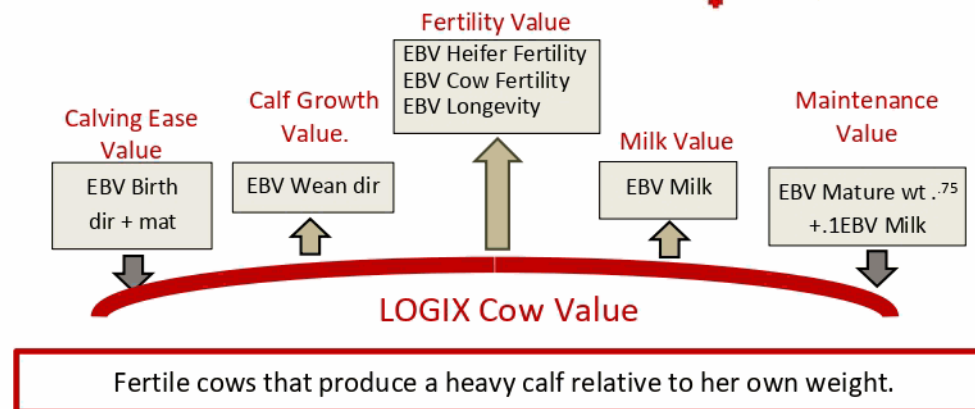
**EBVi (Breeding Value Index):** Genetic potential relative to the average (100) of the live animals in the breed. Roughly 50% of the animals have values between 90 and 110. Values above 100 tend to be in the more favourable direction.

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

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

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

## 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)

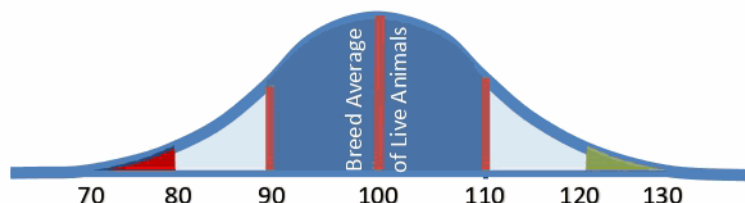
- Calf Growth / Growth Value > 120
  - Cow Value and Fertility Value average to high
- Growers are usually heavier at birth (lower Calving Ease Value), and maturity (lower Maintenance Value).

### 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

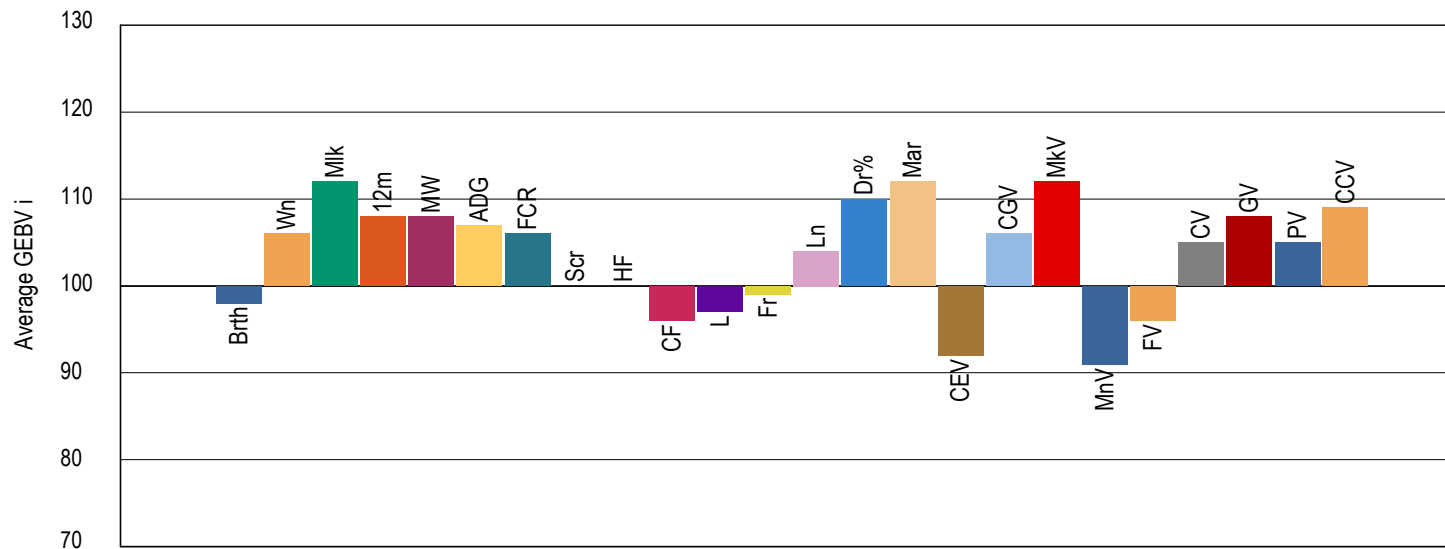


## Examples

| 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     | 1.79     | 98        | 1.64      |
|                 | Wean Weight      | 36.4     | 106       | 33.6      |
|                 | Birth Mat.       | 0.66     | 91        | 0.30      |
|                 | Milk (Wn.Mat.)   | 10.5     | 112       | 6.6       |
| Postwean Growth | 12m weight       | 73       | 108       | 65.1      |
|                 | Mature Weight    | 76       | 108       | 65        |
|                 | ADG              | 244      | 107       | 217       |
|                 | FCR              | -109     | 106       | -100      |
| Fertility       | Scrotal Circumf. | 20.4     | 100       | 20.5      |
|                 | Heifer Fertility | -4.5     | 100       | -4.3      |
|                 | Cow Fertility    | -1.7     | 96        | -2.2      |
|                 | Longevity        | 30.8     | 97        | 32.7      |
| Frame           | Frame score      | 0        | 99        | 0         |
|                 | Length           | 52       | 104       | 49        |
| Carcass         | Dressing%        | 0.88     | 110       | 0.69      |
|                 | Marbling         | 1.72     | 112       | 0.71      |

| Selection Value  | Ave. Herd |
|------------------|-----------|
| Calving Ease     | 92        |
| Calf Growth      | 106       |
| Milk             | 112       |
| Maintenance      | 91        |
| Fertility        | 96        |
| Cow Value        | 105       |
| Growth Value     | 108       |
| Production Value | 105       |
| Carcass Value    | 109       |

- 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?:*

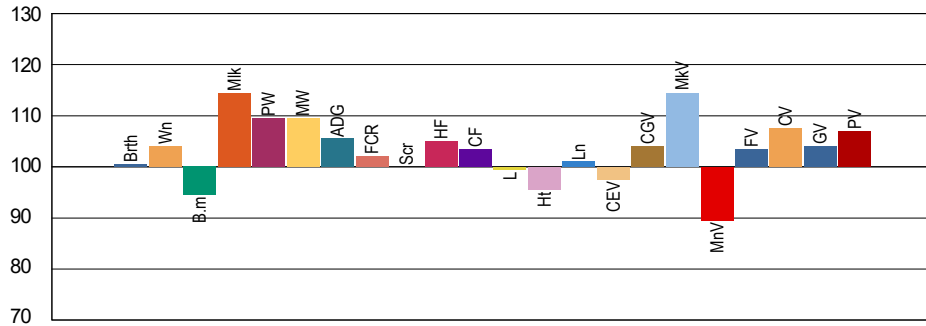
|               |                                                                  |
|---------------|------------------------------------------------------------------|
| Calving ease: | Smaller calf at birth - easier calving                           |
| Calf growth:  | Heavier calves at wean due to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

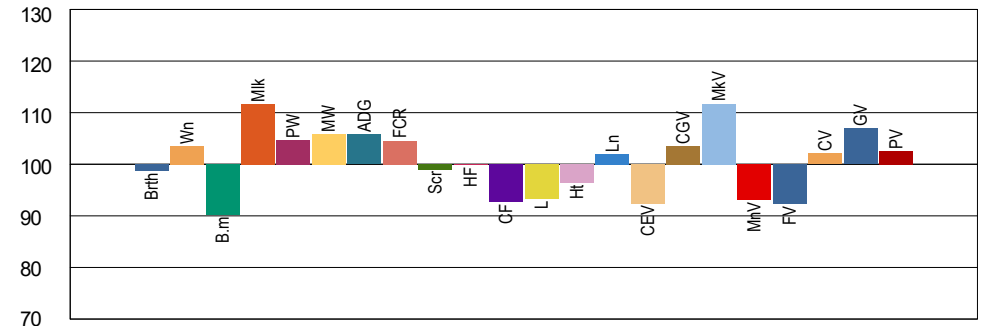
Total: 2



## Cow Herd

Cows born in 2024 and earlier

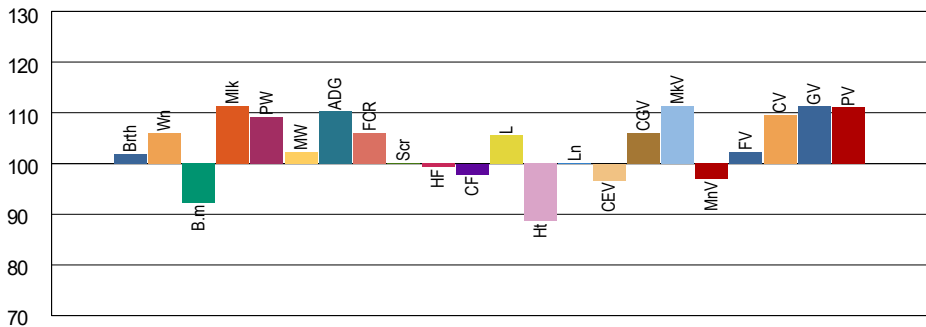
Total: 35



## Sires of young animals

Sires of animals 3 years and younger

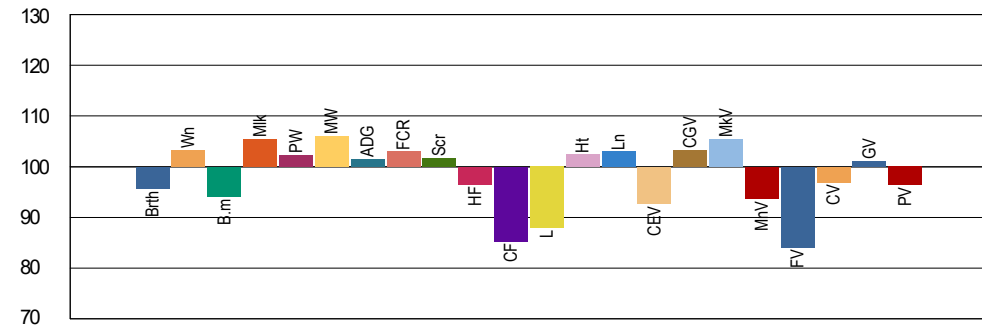
Total: 12



## Cows older than 6 years

Cows born in 2020 and earlier

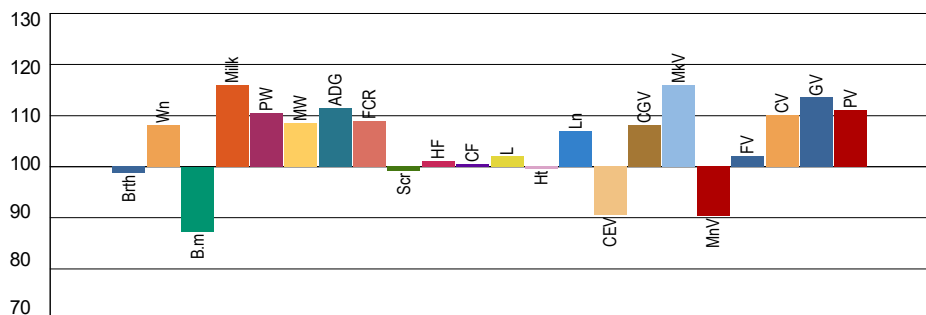
Total: 10



## Bull calves

Bulls born in 2025

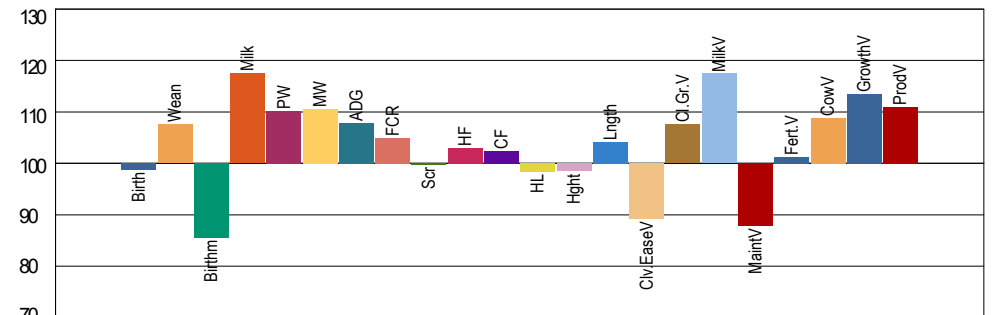
Total: 9



## Heifer calves

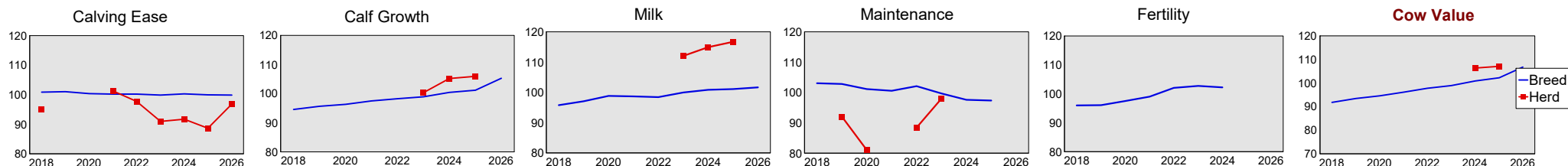
Heifers born in 2025

Total: 10



# 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.



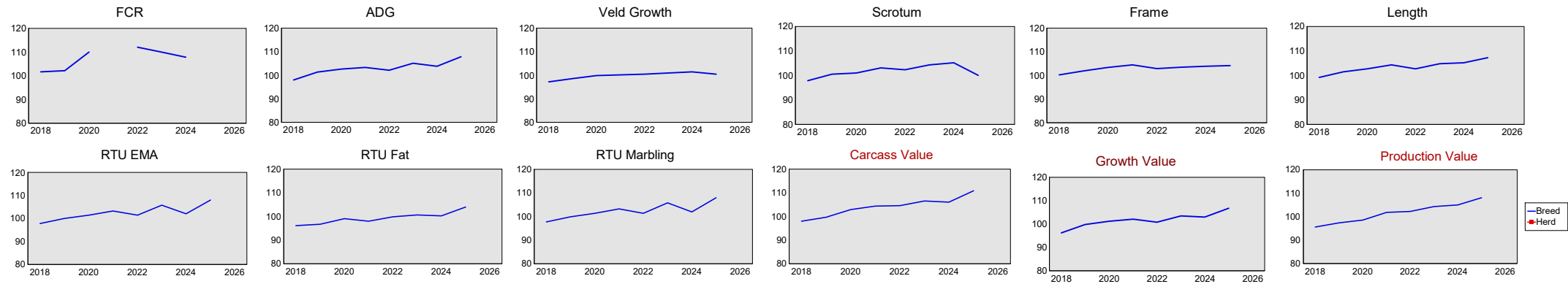
## Herd

| 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 |     | Mainte-nance | Heifer Fert. |           | Cow Fert. |     | Longevity |      | Ferti-lity |           |
|            | Number       | Dir EBV |         |            | Number         | EBV  |             | Number         | EBV   |                 | Number        | EBV |              | Number       | EBV       | Number    | EBV | Number    | EBV  |            |           |
| 2018       | 1            | 1.22    | 0.81    | 95         |                |      |             |                |       |                 |               |     |              |              |           |           |     |           |      |            |           |
| 2019       |              |         |         |            |                |      |             |                |       |                 |               | 1   | 73           | 92           |           |           |     | 1         | 26.8 |            |           |
| 2020       |              |         |         |            |                |      |             |                |       |                 |               | 1   | 91           | 81           |           |           |     |           |      |            |           |
| 2021       | 4            | 1.23    | 0.41    | 101        |                |      |             |                |       |                 |               |     |              |              |           |           |     | 3         | 27.0 |            |           |
| 2022       | 4            | 1.30    | 0.63    | 98         |                |      |             |                |       | 3               | 81.8          | 4   | 75           | 88           |           |           |     | 3         | 36.3 |            |           |
| 2023       | 1            | 2.23    | 0.50    | 91         | 3              | 33.9 | 100         | 3              | 10.36 | 112             |               | 1   | 65           | 98           |           |           |     |           |      |            |           |
| 2024       | 18           | 1.86    | 0.66    | 92         | 10             | 36.2 | 105         | 10             | 11.33 | 115             |               |     |              |              |           |           |     |           |      | 106        |           |
| 2025       | 20           | 1.84    | 0.87    | 89         | 12             | 36.6 | 106         | 12             | 11.90 | 117             |               |     |              |              |           |           |     |           |      | 107        |           |
| 2026       | 9            | 1.59    | 0.50    | 97         |                |      |             |                |       |                 |               |     |              |              |           |           |     |           |      |            |           |

## 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 |     | Mainte-nance | Heifer Fert. |           | Cow Fert. |      | Longevity |      | Ferti- lity |        |           |
|            | Number       | Dir EBV |         |            | Number         | EBV  |             | Number         | EBV  | Number          | EBV         | Number        | EBV |              | Number       | EBV       | Number    | EBV  | Number    | EBV  |             | Number |           |
| 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 |                  |                 |               |
| 2018          |        |     |      |        |     |      |             |     |      |         |     |      |        |     |      |         |     |      |               |     |      |                  |      |          |      |                  |                 |               |
| 2019          |        |     |      |        |     |      |             |     |      |         |     |      |        |     |      |         |     |      |               |     |      |                  |      |          |      |                  |                 |               |
| 2020          |        |     |      |        |     |      |             |     |      |         |     |      |        |     |      |         |     |      |               |     |      |                  |      |          |      |                  |                 |               |
| 2021          |        |     |      |        |     |      |             |     |      |         |     |      |        |     |      |         |     |      |               |     |      |                  |      |          |      |                  |                 |               |
| 2022          |        |     |      |        |     |      |             |     |      |         |     |      |        |     |      |         |     |      |               |     |      |                  |      |          |      |                  |                 |               |
| 2023          |        |     |      |        |     |      |             |     |      |         |     |      |        |     |      |         |     |      |               |     |      |                  |      |          |      |                  |                 |               |
| 2024          |        |     |      |        |     |      |             |     |      |         |     |      |        |     |      |         |     |      |               |     |      |                  |      |          |      |                  |                 |               |
| 2025          |        |     |      |        |     |      |             |     |      |         |     |      |        |     |      |         |     |      |               |     |      |                  |      |          |      |                  |                 |               |
| 2026          |        |     |      |        |     |      |             |     |      |         |     |      |        |     |      |         |     |      |               |     |      |                  |      |          |      |                  |                 |               |

## Breed

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

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

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

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

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

Sires

| Bull                    |         |                   |         | Selection Values |               |            |          |             |           |              |             | Birth     |             |          | Wean           |             |         |          |           | Grwth & Adaptation |        |     |             |      | Fertility  |         |             |           | Frame     |             | Carcass |      |       |          | Progeny |             |                   |
|-------------------------|---------|-------------------|---------|------------------|---------------|------------|----------|-------------|-----------|--------------|-------------|-----------|-------------|----------|----------------|-------------|---------|----------|-----------|--------------------|--------|-----|-------------|------|------------|---------|-------------|-----------|-----------|-------------|---------|------|-------|----------|---------|-------------|-------------------|
| Index<br>EBV<br>Acc     | Genomic | Sire ID<br>Dam ID | 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 Thckn | Scrotum | Heifer Fert | Cow Fert. | Longevity | Frame score | Length  | EMA  | Fat   | Marbling | Dress % | Nr measured |                   |
| Birth                   |         |                   |         |                  |               |            |          |             |           |              |             |           |             |          |                |             |         |          |           |                    |        |     |             |      |            |         |             |           |           |             |         |      |       |          |         | Wean        |                   |
| ID                      |         |                   |         |                  |               |            |          |             |           |              |             |           |             |          |                |             |         |          |           |                    |        |     |             |      |            |         |             |           |           |             |         |      |       |          |         | Grwth Test  | Dght&clv (Weaned) |
| 1867                    |         | 8066              |         | 88               | 99            | 115        | 112      | 73          | 96        | 104          | 96          | 105       | 89          | 100      | 79             | 87          | 99      | 115      | 110       | 118                | 105    | 107 | 125         | 104  | 91         | 101     | 95          | 71        | 82        | 94          | 100     | 105  | 108   | 125      | 105     | 41          | 28                |
| Black                   |         | 2397              |         | 82               | 85            | 73         | 74       | 51          | 66        | 30           | 59          | 35        | 51          | 1.59     | 1.0            | 45          | 33      | 11.5     | 18.7      | 182                | 70     | 242 | 149         | -108 | 0.30       | 20.8    | -1.9        | 1.7       | 22        | 0           | 49      | 3.24 | 2.74  | 2.81     | 0.79    | 1           | 12                |
| S A V ANGUS VALLEY 1867 |         |                   |         |                  |               |            |          |             |           |              |             |           |             |          |                |             |         |          |           |                    |        |     |             |      |            |         |             |           |           |             |         |      |       |          |         |             |                   |
| 241G                    |         | 4021AAN           |         | 106              | 109           | 117        | 88       | 110         | 118       | 117          | 119         | 115       | 111         | 105      | 110            | 111         | 109     | 117      | 114       | 114                | 111    | 119 | 113         | 117  | 76         | 107     | 98          | 103       | 116       | 108         | 115     | 111  | 101   | 116      | 111     | 7           |                   |
| Black                   |         | C773              |         | 79               | 77            | 76         | 76       | 77          | 69        | 76           | 70          | 76        | 81          | 1.17     | -2.7           | 75          | 38      | 11.8     | 20.5      | 173                | 76     | 290 | 115         | -130 | -0.25      | 23.7    | -3.2        | -2.6      | 41        | 1           | 61      | 3.85 | 1.99  | 2.03     | 0.89    |             |                   |
| PINE VIEW MOGUL G241    |         |                   |         |                  |               |            |          |             |           |              |             |           |             |          |                |             |         |          |           |                    |        |     |             |      |            |         |             |           |           |             |         |      |       |          |         |             |                   |
| 6846                    |         | 0256              |         | 91               | 114           | 113        | 103      | 115         | 122       | 119          | 123         | 122       | 101         | 108      | 86             | 96          | 114     | 113      | 113       | 122                | 117    | 120 | 108         | 107  | 55         | 101     | 103         | 115       | 111       | 53          | 87      | 117  | 123   | 136      | 120     | 218         | 185               |
| Black                   |         | 4136              |         | 92               | 97            | 82         | 80       | 63          | 76        | 72           | 75          | 84        | 68          | 0.86     | 0.2            | 56          | 40      | 10.7     | 20.6      | 196                | 81     | 292 | 100         | -112 | -0.96      | 20.8    | -5.5        | -4.2      | 39        | -4          | 39      | 4.47 | 4.64  | 3.78     | 1.06    | 30          | 20                |
| S A V RAINFALL 6846     |         |                   |         |                  |               |            |          |             |           |              |             |           |             |          |                |             |         |          |           |                    |        |     |             |      |            |         |             |           |           |             |         |      |       |          |         |             |                   |
| 7C                      |         | 1145              |         | 110              | 96            | 101        | 121      | 82          | 100       |              |             | 100       | 78          | 109      | 97             | 79          | 96      | 101      | 99        | 97                 | 100    | 98  | 93          | 93   | 89         | 74      | 104         | 86        | 79        | 99          | 93      | 87   | 116   | 100      | 91      | 6           | 3                 |
| Black                   |         | WMC7A             |         | 50               | 52            | 32         | 33       | 30          | 37        |              |             | 29        | 37          | 0.77     | -1.1           | 34          | 31      | 6.9      | 15.1      | 127                | 65     | 212 | 56          | -87  | 0.22       | 9.1     | -6.0        | -0.4      | 21        | 0           | 43      | 1.55 | 3.72  | 0.70     | 0.52    |             | 1                 |
| GF HOLE IN ONE 7C       |         |                   |         |                  |               |            |          |             |           |              |             |           |             |          |                |             |         |          |           |                    |        |     |             |      |            |         |             |           |           |             |         |      |       |          |         |             |                   |
| 86G                     |         | 4202              |         | 96               | 126           | 96         | 92       | 112         | 126       | 118          | 126         | 129       | 111         | 94       | 102            | 108         | 126     | 96       | 106       | 114                | 124    | 115 | 110         | 114  | 90         | 114     | 90          | 98        | 127       | 109         | 121     | 128  | 106   | 120      | 127     | 66          | 48                |
| Black                   |         | 303D              |         | 87               | 92            | 79         | 79       | 78          | 76        | 76           | 76          | 76        | 80          | 2.18     | -1.7           | 72          | 47      | 5.5      | 19.3      | 172                | 88     | 275 | 106         | -123 | 0.27       | 26.8    | 0.4         | -2.0      | 48        | 1           | 66      | 5.44 | 2.55  | 2.38     | 1.20    |             | 3                 |
| PEAK DOT TRUST 86G      |         |                   |         |                  |               |            |          |             |           |              |             |           |             |          |                |             |         |          |           |                    |        |     |             |      |            |         |             |           |           |             |         |      |       |          |         |             |                   |
| 9164                    |         | 5682              |         | 93               | 116           | 101        | 92       | 72          | 104       | 81           | 99          | 105       | 113         | 98       | 97             | 108         | 116     | 101      | 106       | 112                | 103    | 85  | 89          | 79   | 91         | 107     | 92          | 90        | 69        | 92          | 98      | 111  | 101   | 98       | 122     | 24          | 21                |
| Black                   |         | 7463              |         | 76               | 82            | 66         | 67       | 53          | 63        | 42           | 59          | 47        | 83          | 1.84     | -1.1           | 71          | 42      | 7.0      | 18.6      | 168                | 68     | 159 | 44          | -63  | 0.28       | 23.5    | -0.4        | -0.9      | 16        | -1          | 48      | 3.86 | 1.88  | 0.52     | 1.11    |             | 4                 |
| S A V BRUISER 9164      |         |                   |         |                  |               |            |          |             |           |              |             |           |             |          |                |             |         |          |           |                    |        |     |             |      |            |         |             |           |           |             |         |      |       |          |         |             |                   |
| ACM 170004              |         | 1418/665          |         | 102              | 120           | 110        | 70       | 114         | 123       | 118          | 123         | 103       | 130         | 109      | 111            | 132         | 120     | 110      | 113       | 110                | 113    | 114 | 56          | 115  | 86         | 76      | 119         | 127       | 90        | 123         | 105     | 105  | 91    | 83       | 104     | 83          | 58                |
| Black                   |         | ACM 130024        |         | 85               | 92            | 71         | 72       | 52          | 68        | 36           | 62          | 28        | 105         | 0.78     | -2.8           | 102         | 44      | 9.9      | 21.2      | 160                | 78     | 270 | -50         | -126 | 0.11       | 9.8     | -13.2       | -5.9      | 27        | 2           | 53      | 3.28 | 0.74  | -0.77    | 0.76    | 4           | 7                 |
| QUEBEC 1704             |         |                   |         |                  |               |            |          |             |           |              |             |           |             |          |                |             |         |          |           |                    |        |     |             |      |            |         |             |           |           |             |         |      |       |          |         |             |                   |
| DE 160021               |         | DE 130280         |         | 84               | 120           | 102        | 78       | 92          | 108       | 109          | 108         | 108       | 131         | 91       | 97             | 123         | 120     | 102      | 108       | 107                | 115    | 104 | 100         | 113  | 77         | 100     | 105         | 88        | 92        | 114         | 115     | 124  | 67    | 100      | 119     | 120         | 89                |
| Black                   |         | DE 130033         |         | 92               | 94            | 82         | 84       | 61          | 75        | 46           | 69          | 58        | 107         | 2.47     | -1.1           | 91          | 44      | 7.2      | 19.3      | 152                | 80     | 233 | 77          | -122 | -0.19      | 20.7    | -6.8        | -0.6      | 28        | 1           | 61      | 5.13 | -2.15 | 0.69     | 1.04    |             | 25                |
| FULL POWER              |         |                   |         |                  |               |            |          |             |           |              |             |           |             |          |                |             |         |          |           |                    |        |     |             |      |            |         |             |           |           |             |         |      |       |          |         |             |                   |
| DE 190006               |         | 5615C             |         | 92               | 95            | 102        | 97       | 92          | 89        | 114          | 93          | 118       | 99          | 109      | 80             | 102         | 95      | 102      | 100       | 96                 | 108    | 116 | 83          | 109  | 100        | 93      | 97          | 96        | 92        | 84          | 105     | 110  | 96    | 135      | 109     | 115         | 39                |
| Black                   |         | DE 150021         |         | 83               | 88            | 55         | 43       | 46          | 60        | 40           | 56          | 51        | 65          | 0.75     | 0.9            | 64          | 31      | 7.1      | 15.1      | 123                | 72     | 277 | 29          | -115 | 0.61       | 17.2    | -3.0        | -1.7      | 28        | -1          | 53      | 3.72 | 1.28  | 3.67     | 0.86    | 1           |                   |
| SATION                  |         |                   |         |                  |               |            |          |             |           |              |             |           |             |          |                |             |         |          |           |                    |        |     |             |      |            |         |             |           |           |             |         |      |       |          |         |             |                   |
| JS02                    |         | 8064              |         | 96               | 86            | 124        | 128      | 107         | 104       | 97           | 102         | 93        | 85          | 104      | 77             | 71          | 86      | 124      | 111       | 123                | 93     | 99  | 89          | 100  | 78         | 127     | 103         | 84        | 119       | 56          | 73      | 102  | 126   | 120      | 105     | 79          | 45                |
| Black                   |         | 0252              |         | 92               | 92            | 88         | 89       | 84          | 80        | 83           | 81          | 84        | 46          | 1.30     | 1.3            | 25          | 27      | 14.3     | 18.4      | 199                | 59     | 212 | 47          | -99  | -0.17      | 32.7    | -5.9        | -0.1      | 43        | -3          | 28      | 3.02 | 5.05  | 2.42     | 0.78    | 10          | 20                |
| SAC CONVERSATION        |         |                   |         |                  |               |            |          |             |           |              |             |           |             |          |                |             |         |          |           |                    |        |     |             |      |            |         |             |           |           |             |         |      |       |          |         |             |                   |
| 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                |
| RESOLUTION 669          |         |                   |         |                  |               |            |          |             |           |              |             |           |             |          |                |             |         |          |           |                    |        |     |             |      |            |         |             |           |           |             |         |      |       |          |         |             |                   |
| KCM 210159              |         | KCM 160069        |         | 82               | 112           | 123        | 85       | 115         | 117       | 112          | 117         | 112       | 114         | 97       | 86             | 113         | 112     | 123      | 119       | 120                | 118    | 112 | 103         | 107  | 90         | 99      | 107         | 115       | 108       | 103         | 108     | 109  | 112   | 109      | 110     | 26          | 14                |
| Black                   |         | KCM 120053        |         | 74               | 80            | 59         | 57       | 43          | 58        | 20           | 50          | 22        | 84          | 1.88     | 0.1            | 78          | 40      | 13.9     | 22.5      | 190                | 82     | 264 | 85          | -113 | 0.25       | 20.1    | -7.4        | -4.3      | 37        | 0           | 56      | 3.69 | 3.26  | 1.48     | 0.89    |             |                   |
| GAMEPLAN 1159           |         |                   |         |                  |               |            |          |             |           |              |             |           |             |          |                |             |         |          |           |                    |        |     |             |      |            |         |             |           |           |             |         |      |       |          |         |             |                   |
| PN 170051               |         | 0035              |         | 97               | 111           | 119        | 91       | 101         | 117       | 116          | 117         | 124       | 106         | 99       | 101            | 107         | 111     | 119      | 116       | 119                | 117    | 119 | 95          | 114  | 67         | 117     | 114         | 92        | 98        | 95          | 111     | 139  | 116   | 115      | 139     | 13          | 12                |
| Black                   |         | WB 110412         |         | 74               | 78            | 66         | 66       | 53          | 61        | 57           | 60          | 62        | 73          | 1.75     | -1.6           | 71          | 39      | 12.6     | 21.4      | 187                | 81     | 291 | 64          | -125 | -0.54      | 28.3    | -11.0       | -1.2      | 31        | 0           | 58      | 6.54 | 3.72  | 1.97     | 1.42    | 2           | 1                 |
| MATRIX 17051            |         |                   |         |                  |               |            |          |             |           |              |             |           |             |          |                |             |         |          |           |                    |        |     |             |      |            |         |             |           |           |             |         |      |       |          |         |             |                   |
| PN 180015               |         | WB 000022         |         | 89               | 108           | 99         | 78       | 79          | 93        | 102          | 93          | 104       | 116         | 82       | 102            | 123         | 108     | 99       | 102       | 97                 | 106    | 105 | 99          | 109  | 75         | 111     | 57          | 83        | 88        | 114         | 104     | 101  | 80    | 115      | 99      | 1           |                   |
| Black                   |         | WB 100240         |         | 64               | 61            | 61         | 62       | 48          | 53        | 50           | 52          | 56        | 88          | 3.32     | -1.7           | 91          | 38      | 6.3      | 16.8      | 126                | 71     | 237 | 75          | -115 | -0.28      | 25.3    | 1.6         | 0.1       | 26        | 1           | 53      | 2.89 | -0.57 | 1.96     | 0.66    |             |                   |
| DUSTER 18015            |         |                   |         |                  |               |            |          |             |           |              |             |           |             |          |                |             |         |          |           |                    |        |     |             |      |            |         |             |           |           |             |         |      |       |          |         |             |                   |

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 Thckn | Scrotum | Heifer Fert | Cow Fert. | Longevity | Frame score | Length  | EMA  | Fat   | Marbling | Dress % | Nr measured |                   |     |
| Birth                    |                                                                                   |                   |         |                  |               |            |          |             |           |              |             |           |             |          |                |             |         |          |           |                    |        |     |             |      |            |         |             |           |           |             |         |      |       |          |         | Wean        |                   |     |
|                          |                                                                                   |                   |         |                  |               |            |          |             |           |              |             |           |             |          |                |             |         |          |           |                    |        |     |             |      |            |         |             |           |           |             |         |      |       |          |         | Grwth Test  | Dght&clv (Weaned) |     |
| PN 200042                |                                                                                   | 1676              |         | 95               | 94            | 145        | 85       | 97          | 107       | 119          | 109         | 119       | 107         | 109      | 97             | 111         | 94      | 145      | 128       | 124                | 101    | 117 | 97          | 115  | 82         | 101     | 102         | 90        | 101       | 108         | 112     | 121  | 114   | 123      | 122     | 4           | 1                 |     |
| Black                    |                                                                                   | WB 110412         |         | 66               | 65            | 59         | 58       | 41          | 52        | 32           | 48          | 40        | 75          | 0.77     | -1.2           | 76          | 30      | 20.9     | 24.1      | 200                | 66     | 280 | 68          | -126 | -0.02      | 21.1    | -5.4        | -0.9      | 33        | 1           | 58      | 4.86 | 3.53  | 2.68     | 1.11    |             |                   |     |
| MUSGRAVE 20042           |                                                                                   |                   |         |                  |               |            |          |             |           |              |             |           | 35          | 72       | 62             | 58          | 65      | 59       |           | 61                 | 56     | 40  | 32          | 23   | 43         | 44      | 41          | 23        | 58        | 42          | 39      | 38   | 41    | 37       | 40      | 1           | 1                 |     |
| PN 210129                |                                                                                   | 6846              |         | 89               | 110           | 130        | 84       | 107         | 117       | 128          | 121         | 124       | 112         | 100      | 96             | 114         | 110     | 130      | 123       | 123                | 114    | 123 | 103         | 117  | 64         | 97      | 102         | 107       | 105       | 87          | 105     | 133  | 117   | 133      | 133     | 1           |                   |     |
| Black                    |                                                                                   | WB 110412         |         | 68               | 64            | 59         | 61       | 45          | 53        | 48           | 52          | 56        | 82          | 1.63     | -0.9           | 80          | 39      | 16.0     | 23.5      | 197                | 78     | 306 | 86          | -129 | -0.67      | 19.1    | -5.3        | -3.1      | 35        | -1          | 53      | 5.92 | 3.94  | 3.48     | 1.31    |             |                   |     |
| MAGNUM 21129             |                                                                                   |                   |         |                  |               |            |          |             |           |              |             |           | 41          | 74       | 65             | 61          | 64      | 59       |           | 61                 | 60     | 57  | 25          | 37   | 60         | 58      | 47          | 26        | 62        | 59          | 55      | 54   | 58    | 54       | 56      |             |                   |     |
| PN 220002                |                                                                                   | SOO403Y           |         | 113              | 96            | 106        | 94       | 92          | 98        | 96           | 97          | 97        | 97          | 104      | 116            | 106         | 96      | 106      | 103       | 99                 | 100    | 99  | 110         | 97   | 79         | 101     | 103         | 92        | 91        | 88          | 94      | 97   | 95    | 91       | 96      | 8           | 4                 |     |
| Black                    |                                                                                   | PN 180014         |         | 65               | 65            | 54         | 55       | 41          | 51        | 33           | 47          | 40        | 62          | 1.30     | -3.3           | 69          | 31      | 8.5      | 16.1      | 131                | 66     | 213 | 107         | -94  | -0.14      | 21.0    | -5.9        | -1.2      | 28        | -1          | 45      | 2.46 | 1.25  | -0.04    | 0.61    |             |                   |     |
| IMAX 22002               |                                                                                   |                   |         |                  |               |            |          |             |           |              |             |           | 41          | 73       | 61             | 55          | 65      | 54       |           | 58                 | 51     | 42  | 25          | 23   | 44         | 45      | 42          | 23        | 59        | 43          | 39      | 38   | 42    | 37       | 40      |             |                   |     |
| PN 220069                |                                                                                   | 6846              |         | 90               | 114           | 129        | 86       | 109         | 123       | 128          | 125         | 124       | 109         | 100      | 95             | 111         | 114     | 129      | 124       | 127                | 119    | 123 | 103         | 117  | 64         | 97      | 102         | 107       | 108       | 87          | 105     | 133  | 117   | 133      | 133     |             |                   |     |
| Black                    |                                                                                   | WB 110412         |         | 62               | 64            | 59         | 58       | 45          | 52        | 48           | 51          | 56        | 79          | 1.64     | -0.8           | 76          | 41      | 15.7     | 24.0      | 207                | 83     | 306 | 86          | -129 | -0.67      | 19.1    | -5.3        | -3.1      | 37        | -1          | 53      | 5.92 | 3.94  | 3.48     | 1.31    |             |                   |     |
| MAVERICK 22069           |                                                                                   |                   |         |                  |               |            |          |             |           |              |             |           | 41          | 65       | 61             | 58          | 64      | 59       |           | 60                 | 60     | 57  | 25          | 37   | 60         | 58      | 47          | 26        | 61        | 59          | 55      | 54   | 58    | 54       | 56      |             |                   |     |
| R725                     |  | 18962396          |         | 93               | 115           | 94         | 91       | 116         | 113       | 102          | 111         | 110       | 110         | 92       | 100            | 110         | 115     | 94       | 101       | 103                | 116    | 105 | 92          | 99   | 92         | 103     | 106         | 101       | 121       | 99          | 103     | 100  | 113   | 121      | 102     | 11          | 4                 |     |
| Black                    |                                                                                   | H647              |         | 80               | 78            | 75         | 75       | 76          | 69        | 74           | 70          | 75        | 80          | 2.42     | -1.5           | 74          | 41      | 4.8      | 16.9      | 143                | 81     | 238 | 55          | -98  | 0.32       | 21.7    | -7.0        | -2.3      | 44        | 0           | 51      | 2.78 | 3.45  | 2.53     | 0.72    |             |                   |     |
| TEXAS ICEMAN R725        |                                                                                   |                   |         |                  |               |            |          |             |           |              |             |           | 75          | 83       | 78             | 75          | 78      | 75       |           | 76                 | 75     | 75  | 74          | 74   | 75         | 75      | 75          | 74        | 78        | 75          | 75      | 75   | 75    | 75       | 75      |             |                   |     |
| SOO403Y                  |                                                                                   | 9016              |         | 128              | 85            | 124        | 101      | 99          | 105       | 91           | 101         | 93        | 85          | 117      | 126            | 96          | 85      | 124      | 111       | 109                | 100    | 93  | 120         | 85   | 83         | 92      | 119         | 101       | 85        | 62          | 86      | 96   | 110   | 68       | 97      | 141         | 117               |     |
| Black                    |                                                                                   | 2039              |         | 91               | 95            | 82         | 82       | 63          | 75        | 41           | 68          | 56        | 46          | 0.05     | -4.5           | 57          | 26      | 14.1     | 18.1      | 157                | 65     | 192 | 136         | -74  | 0.01       | 17.0    | -13.0       | -2.4      | 25        | -3          | 38      | 2.37 | 3.06  | -2.03    | 0.63    | 6           | 28                | 38  |
| SOO LINE LOCOMOTIVE 1403 |                                                                                   |                   |         |                  |               |            |          |             |           |              |             |           | 68          | 97       | 87             | 82          | 95      | 82       |           | 86                 | 82     | 60  | 11          | 19   | 68         | 68      | 69          | 33        | 87        | 63          | 55      | 52   | 60    | 50       | 56      |             |                   |     |
| WB 000022                |                                                                                   | 11788302          |         | 94               | 105           | 69         | 88       | 70          | 78        | 122          | 84          | 112       | 110         | 77       | 102            | 116         | 105     | 69       | 81        | 77                 | 110    | 126 | 96          | 126  | 80         | 129     | 97          | 69        | 77        | 140         | 111     | 100  | 74    | 126      | 98      | 251         | 183               |     |
| Black                    |                                                                                   | WB 940057         |         | 96               | 97            | 94         | 91       | 80          | 83        | 84           | 83          | 93        | 79          | 3.79     | -1.7           | 82          | 36      | -2.9     | 10.1      | 69                 | 74     | 316 | 67          | -145 | -0.09      | 33.4    | -2.8        | 1.9       | 20        | 3           | 58      | 2.83 | -1.36 | 2.91     | 0.64    | 91          | 69                | 193 |
| PAPARAZZI                |                                                                                   |                   |         |                  |               |            |          |             |           |              |             |           | 74          | 98       | 94             | 91          | 97      | 94       |           | 94                 | 96     | 95  | 92          | 72   | 87         | 96      | 85          | 57        | 97        | 95          | 93      | 92   | 94    | 92       | 93      |             |                   |     |
| WB 140069                |                                                                                   | 5T                |         | 74               | 122           | 112        | 72       | 95          | 110       | 143          | 117         | 149       | 131         | 87       | 82             | 129         | 122     | 112      | 115       | 113                | 140    | 132 | 103         | 122  | 92         | 83      | 109         | 88        | 94        | 117         | 130     | 95   | 133   | 89       | 101     | 91          | 51                |     |
| Black                    |                                                                                   | WB 120039         |         | 87               | 92            | 75         | 73       | 58          | 71        | 50           | 67          | 77        | 107         | 2.84     | 0.6            | 98          | 44      | 10.5     | 21.8      | 169                | 103    | 339 | 86          | -138 | 0.31       | 12.9    | -8.6        | -0.6      | 30        | 1           | 73      | 2.31 | 5.88  | -0.27    | 0.71    | 8           | 7                 | 21  |
| DIXIE                    |                                                                                   |                   |         |                  |               |            |          |             |           |              |             |           | 64          | 95       | 81             | 73          | 92      | 75       |           | 80                 | 83     | 77  | 45          | 20   | 78         | 82      | 58          | 34        | 81        | 82          | 75      | 74   | 80    | 74       | 77      |             |                   |     |
| WDW 210015               |                                                                                   | DE 170002         |         | 102              | 98            | 101        | 94       | 69          | 88        | 92           | 87          | 96        | 101         | 100      | 106            | 106         | 98      | 101      | 100       | 97                 | 100    | 94  | 96          | 95   | 92         | 88      | 77          | 70        | 89        | 90          | 93      | 100  | 103   | 93       | 100     | 13          |                   |     |
| Black                    |                                                                                   | WDW 130004        |         | 71               | 68            | 53         | 48       | 40          | 51        | 20           | 45          | 21        | 67          | 1.68     | -2.2           | 69          | 33      | 6.8      | 15.4      | 125                | 65     | 195 | 67          | -90  | 0.34       | 15.3    | 6.6         | 1.8       | 26        | -1          | 43      | 2.75 | 2.19  | 0.10     | 0.68    |             |                   |     |
| DIAMANT                  |                                                                                   |                   |         |                  |               |            |          |             |           |              |             |           | 48          | 83       | 62             | 48          | 68      | 53       |           | 56                 | 31     | 24  | 15          | 15   | 27         | 26      | 43          | 21        | 56        | 25          | 23      | 20   | 22    | 20       | 21      |             |                   |     |

# Breeding Values and Accuracies: Bulls

Inbreeding in red is high

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

| Animal                                  |              |                          |                                  | Selection Value |               |            |           |             |           |              |             |           |              | Birth       |                |              | Wean      |             |           |             |        | Growth & Adaptation |             |            |             |            | Fertility   |             |             |             | Frame    |           | Carcass     |             |             |             |
|-----------------------------------------|--------------|--------------------------|----------------------------------|-----------------|---------------|------------|-----------|-------------|-----------|--------------|-------------|-----------|--------------|-------------|----------------|--------------|-----------|-------------|-----------|-------------|--------|---------------------|-------------|------------|-------------|------------|-------------|-------------|-------------|-------------|----------|-----------|-------------|-------------|-------------|-------------|
| ID                                      | % Inbreeding | Genomic Parentage        | <div>Index<br/>EBV<br/>Acc</div> | Calv. Ease V    | Calf Growth V | Milk Value | Maint. V  | Fertility V | Cow Value | Growth Value | Prod. Value | Carcass V | Cow wt -brth | Birth wt    | Cow-Calf birth | Cow wt -wean | Wean wt   | Wean mat    | Comb mat  | Cow-Calf wn | 12m wt | ADG                 | Yeld growth | FCR        | Skin Thickn | Scrotum    | Heifer Fert | Cow Fert.   | Longevity   | Frame score | Length   | EMA       | Fat         | Marbling    | Dress %     |             |
|                                         |              |                          | Sire ID<br>Dam ID                |                 |               |            |           |             |           |              |             |           |              |             |                |              |           |             |           |             |        |                     |             |            |             |            |             |             |             |             |          |           |             |             |             |             |
| KCM 210159<br>Black<br>GAMEPLAN 1159    | 2            | KCM 160069<br>KCM 120053 |                                  | 82<br>74        | 112<br>80     | 123<br>59  | 85<br>57  | 115<br>43   | 117<br>58 | 112<br>20    | 117<br>50   | 112<br>22 | 114<br>84    | 97<br>1.88  | 86<br>0.1      | 113<br>78    | 112<br>40 | 123<br>13.9 | 119<br>23 | 120<br>190  | 65     | 118<br>82           | 112<br>264  | 103<br>85  | 107<br>-113 | 90<br>0.3  | 99<br>20.1  | 107<br>-7.4 | 115<br>-4.3 | 108<br>37.2 | 103<br>0 | 108<br>56 | 109<br>3.69 | 112<br>3.26 | 109<br>1.48 | 110<br>0.89 |
| PN 220002<br>Black<br>IMAX 22002        |              | SOO403Y<br>PN 180014     |                                  | 113<br>65       | 96<br>65      | 106<br>54  | 94<br>55  | 92<br>41    | 98<br>51  | 96<br>33     | 97<br>47    | 97<br>40  | 97<br>62     | 104<br>1.30 | 116<br>-3.3    | 106<br>69    | 96<br>31  | 106<br>8.5  | 103<br>16 | 99<br>131   | 58     | 100<br>66           | 99<br>213   | 110<br>107 | 97<br>-94   | 79<br>-0.1 | 101<br>21.0 | 103<br>-5.9 | 92<br>-1.2  | 91<br>27.5  | 88<br>-1 | 94<br>45  | 97<br>2.46  | 95<br>1.25  | 91<br>-0.04 | 96<br>0.61  |
| PN 240032<br>Black<br>BLACK LABEL 24032 |              | 7C<br>PN 210103          |                                  | 101<br>49       | 98<br>35      | 103<br>28  | 107<br>36 | 82<br>23    | 96<br>30  |              |             | 100<br>22 | 91<br>55     | 102<br>1.43 | 98<br>-1.2     | 92<br>52     | 98<br>32  | 103<br>7.5  | 101<br>16 | 99<br>131   | 33     | 100<br>65           | 97<br>206   | 96<br>67   | 95<br>-90   | 84<br>0.0  | 92<br>17.2  | 97<br>-2.9  | 85<br>-0.2  | 85<br>24.4  | 99<br>0  | 95<br>45  | 95<br>2.34  | 105<br>2.37 | 109<br>1.48 | 96<br>0.62  |
| PN 240035<br>Black<br>TYSON 24035       |              | 86G<br>PN 180014         |                                  | 95<br>50        | 116<br>56     | 93<br>42   | 91<br>44  | 98<br>30    | 109<br>41 | 109<br>26    | 109<br>38   | 115<br>28 | 108<br>77    | 90<br>2.55  | 103<br>-1.8    | 110<br>74    | 116<br>42 | 93<br>4.6   | 101<br>17 | 103<br>142  | 47     | 112<br>77           | 109<br>253  | 105<br>93  | 111<br>-118 | 82<br>0.0  | 112<br>25.8 | 90<br>0.6   | 91<br>-1.0  | 110<br>38.2 | 110<br>1 | 111<br>58 | 113<br>4.05 | 93<br>0.99  | 117<br>2.16 | 112<br>0.91 |
| PN 240042<br>Black<br>TRIGGER 24042     |              | 86G<br>PN 180014         |                                  | 95<br>50        | 116<br>56     | 93<br>42   | 91<br>44  | 98<br>30    | 109<br>41 | 109<br>26    | 109<br>38   | 115<br>28 | 108<br>77    | 90<br>2.55  | 103<br>-1.8    | 110<br>74    | 116<br>42 | 93<br>4.6   | 101<br>17 | 103<br>142  | 47     | 112<br>77           | 109<br>253  | 105<br>93  | 111<br>-118 | 82<br>0.0  | 112<br>25.8 | 90<br>0.6   | 91<br>-1.0  | 110<br>38.2 | 110<br>1 | 111<br>58 | 113<br>4.05 | 93<br>0.99  | 117<br>2.16 | 112<br>0.91 |
| PN 240043<br>Black<br>TIGER 24043       |              | 86G<br>PN 180014         |                                  | 95<br>50        | 116<br>56     | 93<br>42   | 91<br>44  | 98<br>30    | 109<br>41 | 109<br>26    | 109<br>38   | 115<br>28 | 108<br>77    | 90<br>2.55  | 103<br>-1.8    | 110<br>74    | 116<br>42 | 93<br>4.6   | 101<br>17 | 103<br>142  | 47     | 112<br>77           | 109<br>253  | 105<br>93  | 111<br>-118 | 82<br>0.0  | 112<br>25.8 | 90<br>0.6   | 91<br>-1.0  | 110<br>38.2 | 110<br>1 | 111<br>58 | 113<br>4.05 | 93<br>0.99  | 117<br>2.16 | 112<br>0.91 |
| PN 240064<br>Black<br>GANGSTER 24064    | 2            | KCM 210159<br>WDW 210033 |                                  | 80<br>58        | 110<br>53     | 113<br>43  | 84<br>45  | 107<br>32   | 108<br>42 |              |             | 98<br>19  | 116<br>87    | 91<br>2.53  | 90<br>-0.3     | 116<br>81    | 110<br>39 | 113<br>10.8 | 112<br>20 | 111<br>165  | 47     | 111<br>76           | 98<br>208   | 101<br>80  | 98<br>-97   | 87<br>0.1  | 97<br>19.3  | 110<br>-8.9 | 98<br>-2.0  | 106<br>35.8 | 99<br>0  | 100<br>49 | 102<br>3.01 | 96<br>1.30  | 103<br>0.92 | 102<br>0.72 |
| PN 240073<br>Black<br>MAX 24073         | 1            | KCM 210159<br>WB 110412  |                                  | 85<br>62        | 110<br>66     | 134<br>52  | 77<br>51  | 110<br>38   | 117<br>49 | 125<br>32    | 120<br>46   | 122<br>38 | 117<br>88    | 95<br>2.09  | 95<br>-0.9     | 121<br>89    | 110<br>39 | 134<br>17.3 | 126<br>24 | 123<br>197  | 56     | 115<br>79           | 120<br>295  | 99<br>76   | 118<br>-131 | 81<br>-0.1 | 97<br>19.1  | 103<br>-5.7 | 107<br>-3.2 | 109<br>37.5 | 114<br>1 | 117<br>63 | 131<br>5.77 | 112<br>3.24 | 119<br>2.34 | 131<br>1.27 |
| PN 240181<br>Black<br>INDIANA 24181     | 1            | KCM 210159<br>PN 180013  |                                  | 83<br>58        | 123<br>62     | 112<br>45  | 72<br>47  | 95<br>32    | 115<br>45 | 112<br>26    | 115<br>41   | 116<br>30 | 127<br>102   | 87<br>2.83  | 100<br>-1.5    | 129<br>99    | 123<br>45 | 112<br>10.5 | 116<br>22 | 114<br>172  | 51     | 121<br>85           | 113<br>267  | 97<br>68   | 112<br>-120 | 84<br>0.0  | 108<br>24.1 | 92<br>-0.6  | 99<br>-2.1  | 98<br>31.6  | 115<br>1 | 115<br>61 | 112<br>3.93 | 96<br>1.34  | 112<br>1.76 | 111<br>0.90 |
| PN 240183<br>Black<br>ROCKY 24183       | 1            | KCM 210159<br>PN 200120  |                                  | 84<br>56        | 112<br>62     | 111<br>44  | 82<br>46  | 101<br>29   | 107<br>44 | 117<br>20    | 109<br>39   | 120<br>26 | 117<br>88    | 96<br>2.00  | 93<br>-0.7     | 117<br>84    | 112<br>39 | 111<br>10.1 | 111<br>20 | 110<br>161  | 51     | 117<br>82           | 115<br>275  | 102<br>84  | 111<br>-119 | 86<br>0.1  | 98<br>19.5  | 103<br>-5.5 | 100<br>-2.3 | 100<br>32.8 | 109<br>1 | 112<br>59 | 104<br>3.17 | 109<br>2.96 | 105<br>1.16 | 105<br>0.79 |
| PN 250008<br>Black<br>MAGIC 25008       | 2            | PN 220002<br>PN 220075   |                                  | 103<br>46       | 102<br>46     | 117<br>40  | 90<br>40  | 100<br>31   | 108<br>37 | 112<br>29    | 108<br>35   | 110<br>34 | 103<br>70    | 103<br>1.33 | 106<br>-2.2    | 109<br>72    | 102<br>34 | 117<br>12.1 | 112<br>20 | 111<br>164  | 42     | 106<br>71           | 111<br>259  | 107<br>96  | 107<br>-112 | 71<br>-0.4 | 99<br>20.1  | 103<br>-5.6 | 99<br>-2.2  | 98<br>31.7  | 87<br>-1 | 100<br>49 | 115<br>4.19 | 106<br>2.59 | 112<br>1.72 | 115<br>0.96 |
| PN 250015<br>Black<br>25015             | 1            | KCM 210159<br>WDW 200008 |                                  | 83<br>59        | 114<br>53     | 109<br>41  | 86<br>44  | 95<br>31    | 108<br>41 |              |             | 107<br>20 | 113<br>83    | 91<br>2.45  | 91<br>-0.5     | 114<br>79    | 114<br>41 | 109<br>9.4  | 111<br>20 | 111<br>166  | 46     | 114<br>79           | 104<br>232  | 101<br>81  | 105<br>-109 | 87<br>0.2  | 97<br>19.2  | 98<br>-3.3  | 92<br>-1.2  | 99<br>31.9  | 103<br>0 | 107<br>55 | 109<br>3.70 | 96<br>1.31  | 103<br>0.94 | 108<br>0.85 |

# Breeding Values and Accuracies: Bulls

Inbreeding in red is high

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

| Animal         |              |                   |                                  | Selection Value |               |            |          |             |           |              |             |           |              | Birth    |                |              | Wean    |          |          |             |        | Growth & Adaptation |             |      |             |         | Fertility   |           |           |             | Frame  |      | Carcass |          |         |  |
|----------------|--------------|-------------------|----------------------------------|-----------------|---------------|------------|----------|-------------|-----------|--------------|-------------|-----------|--------------|----------|----------------|--------------|---------|----------|----------|-------------|--------|---------------------|-------------|------|-------------|---------|-------------|-----------|-----------|-------------|--------|------|---------|----------|---------|--|
| ID             | % Inbreeding | Genomic Parentage | <div>Index<br/>EBV<br/>Acc</div> | Calv. Ease V    | Calf Growth V | Milk Value | Maint. V | Fertility V | Cow Value | Growth Value | Prod. Value | Carcass V | Cow wt -brth | Birth wt | Cow-Calf birth | Cow wt -wean | Wean wt | Wean mat | Comb mat | Cow-Calf wn | 12m wt | ADG                 | Yeld growth | FCR  | Skin Thickn | Scrotum | Heifer Fert | Cow Fert. | Longevity | Frame score | Length | EMA  | Fat     | Marbling | Dress % |  |
|                |              |                   | Sire ID<br>Dam ID                |                 |               |            |          |             |           |              |             |           |              |          |                |              |         |          |          |             |        |                     |             |      |             |         |             |           |           |             |        |      |         |          |         |  |
| PN 250021      | 86G          |                   |                                  | 97              | 112           | 108        | 95       | 101         | 114       |              |             | 123       | 102          | 98       | 100            | 104          | 112     | 108      | 109      | 114         | 114    | 115                 | 101         | 113  | 86          | 100     | 95          | 95        | 108       | 111         | 117    | 125  | 109     | 119      | 125     |  |
| Black          | PN 230008    |                   |                                  | 53              | 64            | 37         | 40       | 25          | 41        |              |             | 20        | 69           | 1.87     | -1.5           | 66           | 40      | 9.2      | 19       | 171         | 78     | 275                 | 82          | -122 | 0.1         | 20.4    | -2.0        | -1.6      | 36.9      | 1           | 62     | 5.17 | 2.91    | 2.34     | 1.16    |  |
| MATT 25021     |              |                   |                                  |                 |               |            |          |             |           |              |             |           | 17           | 68       | 47             | 40           | 64      | 37       |          | 47          | 23     | 21                  | 12          | 12   | 21          | 22      | 23          | 11        | 41        | 22          | 20     | 20   | 21      | 20       |         |  |
| PN 250028      | KCM 210159   |                   |                                  | 84              | 112           | 127        | 86       | 111         | 118       | 120          | 119         | 118       | 112          | 98       | 89             | 112          | 112     | 127      | 122      | 123         | 117    | 118                 | 103         | 112  | 77          | 98      | 104         | 111       | 106       | 95          | 107    | 121  | 115     | 121      | 122     |  |
| Black          | 3            | PN 220138         |                                  | 56              | 51            | 42         | 40       | 31          | 40        | 26           | 37          | 30        | 81           | 1.84     | -0.2           | 77           | 40      | 15.0     | 23       | 198         | 81     | 285                 | 85          | -121 | -0.2        | 19.6    | -6.3        | -3.7      | 36.1      | 0           | 54     | 4.81 | 3.60    | 2.48     | 1.10    |  |
| GAMEBOY 25028  |              |                   |                                  |                 |               |            |          |             |           |              |             |           | 24           | 67       | 50             | 40           | 51      | 42       | 44       |             | 34     | 30                  | 14          | 20   | 32          | 31      | 32          | 18        | 44        | 32          | 30     | 29   | 31      | 29       | 30      |  |
| PN 250082      | KCM 210159   |                   |                                  | 89              | 100           | 116        | 108      | 97          | 104       |              |             | 104       | 92           | 102      | 82             | 90           | 100     | 116      | 111      | 117         | 105    | 102                 | 110         | 99   | 88          | 101     | 102         | 97        | 95        | 94          | 98     | 105  | 111     | 112      | 106     |  |
| Black          | 2            | PN 190055         |                                  | 57              | 62            | 44         | 46       | 28          | 44        |              |             | 16        | 56           | 1.40     | 0.6            | 49           | 34      | 11.6     | 19       | 181         | 70     | 226                 | 105         | -98  | 0.2         | 20.9    | -5.4        | -1.8      | 30.1      | 0           | 48     | 3.24 | 3.16    | 1.72     | 0.80    |  |
| MOON 25082     |              |                   |                                  |                 |               |            |          |             |           |              |             |           | 16           | 68       | 52             | 46           | 62      | 44       | 51       | 26          | 17     | 10                  | 12          | 18   | 18          | 26      | 16          | 42        | 18        | 16          | 15     | 17   | 15      | 16       |         |  |
| PN 250083      | KCM 210159   |                   |                                  | 90              | 107           | 125        | 86       | 111         | 114       | 120          | 116         | 118       | 112          | 104      | 94             | 112          | 107     | 125      | 119      | 119         | 112    | 118                 | 103         | 112  | 77          | 98      | 104         | 111       | 107       | 95          | 107    | 121  | 115     | 121      | 122     |  |
| Black          | 3            | PN 210057         |                                  | 57              | 51            | 42         | 40       | 31          | 40        | 26           | 37          | 30        | 81           | 1.26     | -0.8           | 77           | 37      | 14.5     | 22       | 185         | 76     | 285                 | 85          | -121 | -0.2        | 19.6    | -6.3        | -3.7      | 36.3      | 0           | 54     | 4.81 | 3.60    | 2.48     | 1.10    |  |
| 25083          |              |                   |                                  |                 |               |            |          |             |           |              |             |           | 24           | 68       | 50             | 40           | 51      | 42       | 44       |             | 34     | 30                  | 14          | 20   | 32          | 31      | 32          | 18        | 44        | 32          | 30     | 29   | 31      | 29       | 30      |  |
| PN 250147      | KCM 210159   |                   |                                  | 86              | 101           | 121        | 91       | 101         | 102       | 115          | 104         | 115       | 105          | 100      | 88             | 107          | 101     | 121      | 114      | 113         | 108    | 114                 | 107         | 111  | 86          | 98      | 103         | 100       | 99        | 105         | 109    | 118  | 111     | 118      | 119     |  |
| Black          | 2            | PN 190029         |                                  | 57              | 63            | 46         | 46       | 30          | 45        | 20           | 40          | 23        | 73           | 1.60     | -0.1           | 71           | 34      | 13.2     | 20       | 170         | 72     | 270                 | 99          | -119 | 0.1         | 19.4    | -5.6        | -2.2      | 32.1      | 0           | 56     | 4.55 | 3.12    | 2.24     | 1.04    |  |
| GAMEDAY 25147  |              |                   |                                  |                 |               |            |          |             |           |              |             |           | 21           | 68       | 52             | 46           | 63      | 46       | 52       | 31          | 24     | 13                  | 15          | 25   | 25          | 28      | 18          | 44        | 25        | 23          | 22     | 24   | 22      | 23       |         |  |
| PN 250195      | 241G         |                   |                                  | 100             | 113           | 102        | 90       | 97          | 111       |              |             | 106       | 109          | 98       | 105            | 110          | 113     | 102      | 106      | 107         | 110    | 106                 | 109         | 109  | 81          | 103     | 97          | 93        | 103       | 104         | 108    | 108  | 90      | 107      | 106     |  |
| Black          | WDW 200032   |                   |                                  | 52              | 38            | 34         | 38       | 26          | 33        |              |             | 18        | 78           | 1.85     | -2.1           | 74           | 40      | 7.4      | 18       | 154         | 74     | 239                 | 102         | -115 | -0.1        | 22.0    | -2.8        | -1.3      | 34.4      | 0           | 56     | 3.53 | 0.61    | 1.28     | 0.80    |  |
| JUNGLE 25195   |              |                   |                                  |                 |               |            |          |             |           |              |             |           | 36           | 65       | 46             | 38           | 38      | 34       | 37       |             | 23     | 18                  | 10          | 10   | 21          | 21      | 25          | 12        | 40        | 20          | 18     | 16   | 19      | 16       | 18      |  |
| PN 250196      | KCM 210159   |                   |                                  | 83              | 112           | 119        | 81       | 106         | 112       |              |             | 118       | 117          | 95       | 92             | 118          | 112     | 119      | 117      | 116         | 118    | 116                 | 103         | 112  | 82          | 98      | 104         | 106       | 103       | 102         | 109    | 112  | 112     | 113      | 113     |  |
| Black          | 2            | PN 230088         |                                  | 52              | 46            | 37         | 44       | 27          | 37        |              |             | 22        | 89           | 2.09     | -0.5           | 84           | 40      | 12.8     | 22       | 177         | 82     | 279                 | 85          | -120 | 0.0         | 19.5    | -6.0        | -3.0      | 34.5      | 0           | 56     | 3.93 | 3.28    | 1.82     | 0.93    |  |
| 25196          |              |                   |                                  |                 |               |            |          |             |           |              |             |           | 18           | 64       | 48             | 44           | 46      | 37       | 42       |             | 26     | 22                  | 12          | 14   | 23          | 23      | 26          | 16        | 38        | 23          | 21     | 21   | 22      | 21       | 22      |  |
| PN 260003      | KCM 210159   |                   |                                  | 85              | 111           | 116        | 80       | 97          | 107       | 108          | 107         | 110       | 117          | 90       | 97             | 120          | 111     | 116      | 114      | 112         | 112    | 109                 | 100         | 109  | 83          | 106     | 96          | 99        | 98        | 110         | 108    | 106  | 96      | 112      | 106     |  |
| Black          | 1            | PN 180013         |                                  | 57              | 51            | 44         | 47       | 32          | 42        | 26           | 39          | 30        | 89           | 2.54     | -1.1           | 87           | 39      | 11.6     | 21       | 166         | 77     | 253                 | 78          | -115 | 0.0         | 23.0    | -2.5        | -2.1      | 31.7      | 1           | 55     | 3.41 | 1.34    | 1.73     | 0.80    |  |
| ISTANBUL 26003 |              |                   |                                  |                 |               |            |          |             |           |              |             |           | 25           | 67       | 53             | 47           | 51      | 44       | 47       |             | 35     | 31                  | 25          | 22   | 31          | 32      | 32          | 20        | 45        | 32          | 30     | 29   | 31      | 29       | 30      |  |
| PN 260016      | PN 220002    |                   |                                  | 104             | 100           | 117        | 90       | 100         | 107       | 112          | 107         | 110       | 103          | 105      | 107            | 109          | 100     | 117      | 111      | 110         | 105    | 111                 | 107         | 107  | 71          | 99      | 103         | 99        | 98        | 87          | 100    | 115  | 106     | 112      | 115     |  |
| Black          | 2            | PN 220075         |                                  | 53              | 46            | 40         | 40       | 31          | 38        | 29           | 36          | 34        | 70           | 1.18     | -2.3           | 72           | 34      | 12.0     | 19       | 161         | 70     | 259                 | 96          | -112 | -0.4        | 20.1    | -5.6        | -2.2      | 31.5      | -1          | 49     | 4.19 | 2.59    | 1.72     | 0.96    |  |
| MAGIC 26016    |              |                   |                                  |                 |               |            |          |             |           |              |             |           | 29           | 62       | 48             | 40           | 46      | 40       | 42       |             | 39     | 35                  | 18          | 22   | 37          | 37      | 32          | 18        | 42        | 37          | 34     | 33   | 36      | 33       | 34      |  |
| PN 260023      | KCM 210159   |                   |                                  | 89              | 110           | 111        | 88       | 116         | 112       |              |             | 106       | 110          | 101      | 93             | 111          | 110     | 111      | 111      | 111         | 112    | 108                 | 86          | 103  | 91          | 93      | 112         | 125       | 99        | 102         | 102    | 108  | 107     | 108      | 108     |  |
| Black          | 1            | ACM 210042        |                                  | 56              | 53            | 41         | 44       | 28          | 40        |              |             | 16        | 80           | 1.52     | -0.6           | 75           | 38      | 10.2     | 20       | 165         | 77     | 248                 | 37          | -105 | 0.3         | 17.5    | -9.9        | -5.7      | 32.0      | 0           | 51     | 3.53 | 2.72    | 1.41     | 0.84    |  |
| MILAN 26023    |              |                   |                                  |                 |               |            |          |             |           |              |             |           | 17           | 68       | 51             | 44           | 53      | 41       | 46       |             | 25     | 20                  | 9           | 14   | 23          | 23      | 26          | 17        | 41        | 22          | 20     | 15   | 16      | 15       | 16      |  |
| PN 260033      | 241G         |                   |                                  | 102             | 101           | 123        | 91       | 100         | 110       | 110          |             | 111       | 107          | 107      | 104            | 107          | 101     | 123      | 116      | 115         | 104    | 110                 | 106         | 109  | 79          | 107     | 98          | 95        | 105       | 102         | 108    | 112  | 107     | 115      | 112     |  |
| Black          | PN 220104    |                   |                                  | 47              | 28            | 28         | 34       | 19          | 27        |              |             | 14        | 75           | 1.01     | -1.9           | 70           | 34      | 13.8     | 21       | 176         | 69     | 256                 | 94          | -115 | -0.1        | 23.4    | -3.1        | -1.6      | 35.3      | 0           | 56     | 3.91 | 2.72    | 1.98     | 0.91    |  |
| DISCO 26033    |              |                   |                                  |                 |               |            |          |             |           |              |             |           | 12           | 61       | 41             | 34           | 28      | 28       | 30       |             | 18     | 14                  | 10          | 9    | 14          | 15      | 15          | 9         | 33        | 14          | 13     | 13   | 14      | 13       | 14      |  |
| PN 260044      | PN 220002    |                   |                                  | 101             | 104           | 100        | 90       | 83          | 97        | 97           | 95          | 99        | 105          | 97       | 107            | 110          | 104     | 100      | 101      | 99          | 103    | 97                  | 105         | 100  | 82          | 98      | 96          | 80        | 90        | 96          | 100    | 103  | 88      | 94       | 101     |  |
| Black          | 1            | WDW 200008        |                                  | 49              | 47            | 39         | 44       | 30          | 38        | 22           | 35          | 26        | 72           | 1.89     | -2.3           | 74           | 35      | 6.5      | 16       | 131         | 68     | 207                 | 92          | -100 | 0.0         | 19.6    | -2.6        | 0.4       | 26.9      | 0           | 49     | 3.09 | 0.30    | 0.18     | 0.71    |  |
| DUDE 26044     |              |                   |                                  |                 |               |            |          |             |           |              |             |           | 41           | 53       | 47             | 44           | 47      | 39       | 43       |             | 33     | 27                  | 15          | 15   | 30          | 30      | 32          | 16        | 42        | 29          | 26     | 25   | 28      | 24       | 26      |  |

# Breeding Values and Accuracies: Bulls

Inbreeding in red is high

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

| Animal      |              |                   |                                  | Selection Value |        |              |               |            |          |             |           |              |             | Birth     |              |          | Wean           |              |         |          |          | Growth & Adaptation |        |     |             |      | Fertility   |         |             |           | Frame     |             | Carcass |      |      |          |         |
|-------------|--------------|-------------------|----------------------------------|-----------------|--------|--------------|---------------|------------|----------|-------------|-----------|--------------|-------------|-----------|--------------|----------|----------------|--------------|---------|----------|----------|---------------------|--------|-----|-------------|------|-------------|---------|-------------|-----------|-----------|-------------|---------|------|------|----------|---------|
| ID          | % Inbreeding | Genomic Parentage | <div>Index<br/>EBV<br/>Acc</div> | Sire ID         | Dam ID | Calv. Ease V | Calf Growth V | Milk Value | Maint. V | Fertility V | Cow Value | Growth Value | Prod. Value | Carcass V | Cow wt -brth | Birth wt | Cow-Calf birth | Cow wt -wean | Wean wt | Wean mat | Comb mat | Cow-Calf wn         | 12m wt | ADG | Veld growth | FCR  | Skin Thickn | Scrotum | Heifer Fert | Cow Fert. | Longevity | Frame score | Length  | EMA  | Fat  | Marbling | Dress % |
|             |              |                   |                                  |                 |        |              |               |            |          |             |           |              |             |           |              |          |                |              |         |          |          |                     |        |     |             |      |             |         |             |           |           |             |         |      |      |          |         |
| PN 260045   |              | PN 220002         |                                  |                 |        | 101          | 104           | 100        | 90       | 83          | 97        | 97           | 95          | 99        | 105          | 97       | 107            | 110          | 104     | 100      | 101      | 99                  | 103    | 97  | 105         | 100  | 82          | 98      | 96          | 80        | 90        | 96          | 100     | 103  | 88   | 94       | 101     |
| Black       | 1            | WDW 200008        |                                  |                 |        | 49           | 47            | 39         | 44       | 30          | 38        | 22           | 35          | 26        | 72           | 1.89     | -2.3           | 74           | 35      | 6.5      | 16       | 131                 | 68     | 207 | 92          | -100 | 0.0         | 19.6    | -2.6        | 0.4       | 26.9      | 0           | 49      | 3.09 | 0.30 | 0.18     | 0.71    |
| DAX 26045   |              |                   |                                  |                 |        |              |               |            |          |             |           |              |             |           | 41           | 53       | 47             | 44           | 47      | 39       |          | 43                  | 33     | 27  | 15          | 15   | 30          | 30      | 32          | 16        | 42        | 29          | 26      | 25   | 28   | 24       | 26      |
| PN 260052   |              | KCM 210159        |                                  |                 |        | 89           | 107           | 106        | 87       | 98          | 102       | 105          | 102         | 107       | 109          | 94       | 96             | 112          | 107     | 106      | 106      | 105                 | 108    | 108 | 102         | 107  | 82          | 104     | 98          | 99        | 99        | 107         | 105     | 104  | 96   | 112      | 103     |
| Black       | 1            | PN 180014         |                                  |                 |        | 58           | 52            | 46         | 47       | 32          | 42        | 26           | 39          | 30        | 78           | 2.19     | -1.0           | 77           | 37      | 8.6      | 18       | 148                 | 73     | 247 | 83          | -113 | 0.0         | 22.4    | -3.3        | -2.1      | 32.4      | 1           | 53      | 3.17 | 1.35 | 1.71     | 0.75    |
| 26052       |              |                   |                                  |                 |        |              |               |            |          |             |           |              |             |           | 25           | 68       | 53             | 47           | 52      | 46       |          | 48                  | 35     | 31  | 25          | 22   | 31          | 32      | 32          | 20        | 44        | 32          | 30      | 29   | 31   | 29       | 30      |
| PN 260055   |              | PN 220002         |                                  |                 |        | 104          | 98            | 113        | 96       | 91          | 102       | 107          | 102         | 105       | 96           | 100      | 106            | 103          | 98      | 113      | 108      | 108                 | 104    | 106 | 102         | 104  | 80          | 93      | 103         | 92        | 90        | 99          | 102     | 108  | 104  | 105      | 108     |
| Black       | 1            | PN 230008         |                                  |                 |        | 53           | 45            | 38         | 42       | 27          | 37        | 23           | 34          | 28        | 60           | 1.64     | -2.2           | 65           | 33      | 10.8     | 18       | 155                 | 69     | 241 | 84          | -107 | -0.1        | 17.3    | -5.5        | -1.2      | 27.3      | 0           | 50      | 3.52 | 2.27 | 1.12     | 0.83    |
| MAMBA 26055 |              |                   |                                  |                 |        |              |               |            |          |             |           |              |             |           | 26           | 63       | 48             | 42           | 45      | 38       |          | 42                  | 34     | 29  | 17          | 16   | 30          | 31      | 26          | 16        | 39        | 30          | 28      | 27   | 29   | 27       | 28      |
| PN 260056   |              | 241G              |                                  |                 |        | 98           | 105           | 107        | 90       | 97          | 104       |              |             | 112       | 108          | 104      | 101            | 109          | 105     | 107      | 106      | 105                 | 107    | 112 | 102         | 112  | 84          | 101     | 95          | 93        | 103       | 101         | 110     | 110  | 95   | 116      | 109     |
| Black       |              | WDW 240032        |                                  |                 |        | 49           | 30            | 22         | 22       | 20          | 26        |              |             | 16        | 77           | 1.28     | -1.6           | 74           | 36      | 8.7      | 18       | 148                 | 72     | 264 | 84          | -120 | 0.0         | 20.7    | -2.2        | -1.2      | 34.3      | 0           | 57      | 3.78 | 1.15 | 2.03     | 0.86    |
| DINGO 26056 |              |                   |                                  |                 |        |              |               |            |          |             |           |              |             |           | 21           | 65       | 38             | 22           | 30      | 22       |          | 25                  | 17     | 16  | 6           | 9    | 18          | 18      | 18          | 8         | 33        | 17          | 16      | 15   | 17   | 15       | 16      |
| PN 260057   |              | PN 220002         |                                  |                 |        | 105          | 94            | 104        | 92       | 99          | 95        | 90           | 92          | 92        | 106          | 104      | 108            | 108          | 94      | 104      | 101      | 96                  | 95     | 92  | 103         | 92   | 82          | 97      | 111         | 103       | 88        | 91          | 94      | 98   | 90   | 96       | 96      |
| Black       | 1            | WDW 200035        |                                  |                 |        | 57           | 48            | 40         | 45       | 30          | 40        | 20           | 36          | 26        | 74           | 1.27     | -2.4           | 71           | 30      | 7.9      | 15       | 122                 | 60     | 186 | 87          | -87  | 0.0         | 19.1    | -9.6        | -2.7      | 26.2      | -1          | 44      | 2.56 | 0.64 | 0.36     | 0.62    |
| AXEL 26057  |              |                   |                                  |                 |        |              |               |            |          |             |           |              |             |           | 39           | 67       | 52             | 45           | 48      | 40       |          | 44                  | 32     | 27  | 15          | 14   | 29          | 29      | 32          | 16        | 41        | 28          | 25      | 24   | 27   | 24       | 26      |

# Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

| Animal          |              |                   |                     | Selection Values  |              |               |            |          |             |           |              |             |           | Birth         |          |                | Wean         |          |          |          |             | Growth & Adaptability |     |             |      |            | Fertility |             |           |           | Frame       |        | Carcass |       |          |         |
|-----------------|--------------|-------------------|---------------------|-------------------|--------------|---------------|------------|----------|-------------|-----------|--------------|-------------|-----------|---------------|----------|----------------|--------------|----------|----------|----------|-------------|-----------------------|-----|-------------|------|------------|-----------|-------------|-----------|-----------|-------------|--------|---------|-------|----------|---------|
| ID              | % Inbreeding | Genomic Parentage | Index<br>EBV<br>Acc | Sire ID<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 % |
|                 |              |                   |                     |                   |              |               |            |          |             |           |              |             |           |               |          |                |              |          |          |          |             |                       |     |             |      |            |           |             |           |           |             |        |         |       |          |         |
| ACM 160009      |              | 9164              |                     |                   | 102          | 93            | 110        | 116      | 80          | 96        | 80           | 91          | 97        | 88            | 108      | 91             | 83           | 93       | 110      | 104      | 110         | 95                    | 86  | 101         | 83   | 83         | 110       | 93          | 85        | 84        | 84          | 91     | 103     | 113   | 105      | 104     |
| Black 1         |              | E                 |                     | 100022            | 74           | 70            | 67         | 75       | 39          | 58        | 30           | 52          | 32        | 50            | 0.85     | -0.4           | 40           | 30       | 10       | 17       | 162         | 60                    | 164 | 79          | -71  | 0.0        | 25.0      | -1.0        | -0.2      | 24.0      | -1          | 42     | 3.07    | 3.37  | 1.17     | 0.77    |
| LUCILLE 1609    |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 30            | 77       | 74             | 75           | 70       | 67       |          | 71          | 41                    | 34  | 27          | 26   | 33         | 35        | 37          | 26        | 55        | 35          | 33     | 31      | 33    | 32       | 32      |
| PN 180013       |              | WB 000022         |                     |                   | 91           | 112           | 109        | 74       | 79          | 101       | 103          | 100         | 107       | 121           | 81       | 105            | 127          | 112      | 109      | 110      | 105         | 108                   | 107 | 98          | 110  | 75         | 112       | 86          | 83        | 88        | 116         | 107    | 103     | 80    | 115      | 101     |
| Black 3         |              | WB                |                     | 100240            | 70           | 63            | 66         | 74       | 48          | 57        | 50           | 56          | 56        | 93            | 3.43     | -2.1           | 96           | 40       | 9        | 20       | 148         | 73                    | 243 | 71          | -117 | -0.3       | 25.8      | 2.4         | 0.0       | 26.3      | 1           | 55     | 3.12    | -0.57 | 1.98     | 0.71    |
| IVY 18013       |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 45            | 70       | 71             | 74           | 63       | 66       |          | 68          | 61                    | 58  | 48          | 41   | 57         | 60        | 50          | 32        | 63        | 59          | 56     | 55      | 58    | 55       | 56      |
| PN 180014       |              | WB 000022         |                     |                   | 94           | 105           | 90         | 90       | 82          | 91        | 99           | 91          | 101       | 105           | 86       | 103            | 111          | 105      | 90       | 95       | 93          | 101                   | 103 | 101         | 107  | 74         | 110       | 89          | 83        | 91        | 111         | 101    | 99      | 80    | 115      | 96      |
| Black 3         |              | WB                |                     | 100240            | 70           | 66            | 70         | 74       | 49          | 58        | 50           | 56          | 56        | 73            | 2.91     | -1.9           | 76           | 36       | 4        | 14       | 114         | 66                    | 230 | 80          | -113 | -0.3       | 24.7      | 0.8         | 0.1       | 27.5      | 1           | 50     | 2.65    | -0.56 | 1.95     | 0.62    |
| IRIS 18014      |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 45            | 71       | 71             | 74           | 66       | 70       |          | 70          | 61                    | 58  | 48          | 41   | 57         | 60        | 50          | 32        | 64        | 59          | 56     | 55      | 58    | 55       | 56      |
| PN 190029       |              | 1867              |                     |                   | 88           | 97            | 118        | 92       | 86          | 94        | 119          | 98          | 114       | 102           | 99       | 91             | 106          | 97       | 118      | 111      | 108         | 103                   | 116 | 112         | 115  | 81         | 96        | 99          | 85        | 89        | 106         | 109    | 125     | 110   | 127      | 125     |
| Black 4         |              | WB                |                     | 110412            | 67           | 65            | 69         | 72       | 41          | 56        | 34           | 52          | 42        | 68            | 1.71     | -0.4           | 69           | 32       | 12       | 19       | 157         | 68                    | 276 | 113         | -125 | 0.0        | 18.7      | -4.0        | -0.2      | 26.8      | 0           | 56     | 5.18    | 2.99  | 2.98     | 1.15    |
| MATRIARCH 19029 |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 35            | 68       | 68             | 72           | 65       | 69       |          | 69          | 54                    | 41  | 24          | 26   | 44         | 43        | 38          | 24        | 62        | 44          | 40     | 40      | 43    | 40       | 42      |
| PN 190030       |              | 1867              |                     |                   | 87           | 101           | 136        | 86       | 86          | 105       | 121          | 108         | 117       | 107           | 98       | 92             | 110          | 101      | 136      | 124      | 123         | 108                   | 118 | 113         | 117  | 80         | 100       | 99          | 87        | 89        | 107         | 111    | 128     | 108   | 134      | 127     |
| Black 4         |              | WB                |                     | 110412            | 70           | 61            | 62         | 69       | 41          | 54        | 34           | 50          | 42        | 76            | 1.80     | -0.5           | 75           | 34       | 18       | 23       | 198         | 73                    | 287 | 116         | -129 | -0.1       | 20.6      | -3.7        | -0.4      | 26.6      | 1           | 58     | 5.45    | 2.84  | 3.56     | 1.20    |
| MATRIARCH 19030 |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 35            | 71       | 70             | 69           | 61       | 62       |          | 64          | 54                    | 41  | 24          | 26   | 44         | 43        | 38          | 24        | 62        | 44          | 40     | 40      | 43    | 40       | 42      |
| PN 190055       |              | 1867              |                     |                   | 98           | 94            | 107        | 129      | 76          | 96        | 91           | 93          | 99        | 75            | 107      | 78             | 71           | 94       | 107      | 103      | 114         | 97                    | 95  | 114         | 93   | 87         | 105       | 95          | 78        | 82        | 88          | 94     | 102     | 110   | 115      | 103     |
| Black 3         |              | ACM 160009        |                     |                   | 67           | 60            | 62         | 71       | 35          | 52        | 21           | 46          | 24        | 33            | 1.01     | 1.1            | 25           | 30       | 9        | 16       | 173         | 62                    | 199 | 117         | -88  | 0.2        | 22.6      | -2.0        | 0.7       | 22.7      | -1          | 44     | 3.02    | 3.06  | 1.98     | 0.75    |
| LUCILLE 19055   |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 21            | 68       | 68             | 71           | 60       | 62       |          | 64          | 41                    | 25  | 16          | 17   | 27         | 27        | 30          | 18        | 56        | 26          | 24     | 23      | 25    | 23       | 24      |
| PN 200120       |              | WB 140069         |                     |                   | 84           | 112           | 101        | 81       | 88          | 99        | 121          | 103         | 125       | 118           | 89       | 96             | 120          | 112      | 101      | 105      | 102         | 118                   | 117 | 102         | 115  | 83         | 96        | 100         | 85        | 92        | 114         | 115    | 96      | 107   | 102      | 98      |
| Black 1         |              | PN 180014         |                     |                   | 63           | 61            | 63         | 72       | 38          | 53        | 36           | 50          | 48        | 90            | 2.66     | -1.0           | 87           | 40       | 7        | 18       | 140         | 83                    | 283 | 85          | -125 | 0.0        | 18.7      | -4.2        | -0.3      | 28.5      | 1           | 61     | 2.42    | 2.66  | 0.84     | 0.65    |
| IRIS 20120      |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 39            | 65       | 66             | 72           | 61       | 63       |          | 65          | 52                    | 48  | 33          | 23   | 48         | 50        | 38          | 23        | 52        | 50          | 47     | 46      | 49    | 46       | 48      |
| WDW 200008      |              | DE 160021         |                     |                   | 90           | 112           | 93         | 87       | 74          | 95        | 99           | 94          | 101       | 112           | 91       | 99             | 114          | 112      | 93       | 99       | 99          | 106                   | 96  | 100         | 103  | 84         | 95        | 89          | 69        | 88        | 103         | 106    | 109     | 80    | 96       | 106     |
| Black 2         |              | WDW 130022        |                     |                   | 73           | 68            | 57         | 68       | 44          | 56        | 28           | 50          | 34        | 82            | 2.48     | -1.4           | 79           | 40       | 5        | 16       | 130         | 71                    | 201 | 78          | -105 | 0.1        | 18.2      | 0.7         | 2.0       | 26.3      | 0           | 54     | 3.71    | -0.65 | 0.40     | 0.81    |
| DUETT           |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 72            | 77       | 71             | 68           | 68       | 57       |          | 64          | 41                    | 36  | 18          | 19   | 41         | 41        | 49          | 24        | 59        | 39          | 34     | 31      | 36    | 32       | 34      |
| WDW 200032      |              | DE 160021         |                     |                   | 97           | 113           | 88         | 92       | 85          | 100       | 94           | 98          | 98        | 108           | 95       | 102            | 109          | 113      | 88       | 96       | 97          | 104                   | 92  | 104         | 99   | 86         | 100       | 96          | 84        | 90        | 101         | 102    | 104     | 79    | 98       | 101     |
| Black 1         |              | SV 090115         |                     |                   | 75           | 73            | 65         | 73       | 44          | 59        | 28           | 53          | 34        | 76            | 2.08     | -1.7           | 73           | 40       | 3        | 15       | 126         | 69                    | 189 | 90          | -98  | 0.1        | 20.3      | -2.4        | 0.0       | 27.2      | 0           | 51     | 3.20    | -0.77 | 0.54     | 0.71    |
| JESICA11        |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 72            | 78       | 74             | 73           | 73       | 65       |          | 70          | 44                    | 36  | 19          | 19   | 41         | 41        | 48          | 24        | 59        | 39          | 34     | 32      | 37    | 32       | 34      |
| WDW 200035      |              | DE 160021         |                     |                   | 96           | 93            | 102        | 90       | 105         | 92        | 84           | 88          | 88        | 114           | 103      | 100            | 109          | 93       | 102      | 99       | 94          | 91                    | 85  | 96          | 88   | 86         | 92        | 119         | 114       | 86        | 94          | 94     | 98      | 85    | 101      | 96      |
| Black 1         |              | WDW 160009        |                     |                   | 73           | 69            | 59         | 71       | 43          | 57        | 26           | 51          | 32        | 85            | 1.40     | -1.5           | 74           | 30       | 7        | 15       | 116         | 56                    | 159 | 67          | -78  | 0.1        | 17.1      | -13.2       | -4.1      | 24.9      | 0           | 44     | 2.65    | 0.04  | 0.77     | 0.62    |
| ALMA            |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 67            | 77       | 72             | 71           | 69       | 59       |          | 66          | 37                    | 33  | 17          | 18   | 39         | 37        | 49          | 22        | 57        | 36          | 31     | 30      | 34    | 30       | 32      |
| ACM 210042      |              | ACM 170004        |                     |                   | 99           | 105           | 99         | 92       | 116         | 107       | 106          | 107         | 100       | 107           | 107      | 100            | 108          | 105      | 99       | 101      | 100         | 105                   | 104 | 69          | 98   | 91         | 88        | 117         | 136       | 90        | 101         | 96     | 106     | 103   | 108      | 106     |
| Black 1         |              | ACM 170054        |                     |                   | 68           | 69            | 57         | 69       | 37          | 54        | 28           | 49          | 23        | 76            | 0.98     | -1.5           | 72           | 36       | 6        | 16       | 135         | 70                    | 232 | -10         | -97  | 0.3        | 15.0      | -12.4       | -7.0      | 26.9      | 0           | 46     | 3.37    | 2.19  | 1.35     | 0.80    |
| HOSTESS 2142    |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 24            | 74       | 67             | 69           | 69       | 57       |          | 65          | 37                    | 34  | 14          | 22   | 40         | 38        | 32          | 23        | 56        | 37          | 33     | 22      | 24    | 22       | 23      |
| PN 210057       |              | 6846              |                     |                   | 95           | 107           | 128        | 86       | 107         | 116       | 128          | 120         | 124       | 109           | 105      | 99             | 111          | 107      | 128      | 121      | 121         | 110                   | 123 | 103         | 117  | 64         | 97        | 102         | 107       | 105       | 87          | 105    | 133     | 117   | 133      | 133     |
| Black 3         |              | WB 110412         |                     |                   | 67           | 64            | 59         | 58       | 44          | 53        | 48           | 52          | 56        | 79            | 1.21     | -1.4           | 76           | 37       | 15       | 23       | 191         | 75                    | 306 | 86          | -129 | -0.7       | 19.1      | -5.3        | -3.1      | 35.6      | -1          | 53     | 5.92    | 3.94  | 3.48     | 1.31    |
| MATRIARCH 21057 |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 41            | 69       | 64             | 58           | 64       | 59       |          | 60          | 60                    | 57  | 25          | 37   | 60         | 58        | 47          | 26        | 59        | 59          | 55     | 54      | 58    | 54       | 56      |

# 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 % |
|                 |              |                   |                     |                  |        |              |               |            |          |             |           |              |             |           |               |          |                |              |          |          |          |                       |        |     |             |      |              |         |             |           |           |             |         |      |       |          |         |
| PN 210103       |              | PN 180015         |                     | ACM 160009       |        | 94           | 100           | 105        | 94       | 80          | 92        | 91           | 90          | 100       | 105           | 97       | 98             | 106          | 100      | 105      | 103      | 101                   | 99     | 96  | 100         | 96   | 79           | 111     | 90          | 84        | 87        | 99          | 98      | 102  | 97    | 110      | 101     |
| Black 1         |              |                   |                     |                  |        | 63           | 47            | 45         | 64       | 31          | 44        | 29           | 41          | 32        | 72            | 1.96     | -1.2           | 69           | 33       | 8        | 17       | 137                   | 64     | 201 | 77          | -94  | -0.1         | 25.2    | 0.3         | -0.1      | 25.4      | 0           | 47      | 2.98 | 1.40  | 1.57     | 0.71    |
| LUCILLE 21103   |              |                   |                     |                  |        |              |               |            |          |             |           |              |             |           | 27            | 69       | 63             | 64           | 47       | 45       |          | 52                    | 37     | 33  | 27          | 24   | 33           | 35      | 31          | 20        | 42        | 34          | 33      | 32   | 33    | 32       | 32      |
| WDW 210033      |              | DE 160021         |                     | WDW 160004       |        | 81           | 107           | 103        | 82       | 93          | 96        | 83           | 91          | 85        | 118           | 85       | 94             | 118          | 107      | 103      | 104      | 101                   | 103    | 83  | 99          | 89   | 83           | 96      | 113         | 81        | 93        | 94          | 92      | 95   | 80    | 96       | 93      |
| Black 1         |              |                   |                     |                  |        | 72           | 70            | 61         | 70       | 44          | 57        | 26           | 51          | 32        | 90            | 3.01     | -0.7           | 85           | 37       | 8        | 18       | 136                   | 68     | 152 | 75          | -80  | 0.0          | 18.5    | -10.5       | 0.3       | 28.6      | 0           | 43      | 2.33 | -0.67 | 0.37     | 0.55    |
| WDW 210033      |              |                   |                     |                  |        |              |               |            |          |             |           |              |             |           | 56            | 76       | 71             | 70           | 70       | 61       |          | 67                    | 38     | 33  | 18          | 18   | 40           | 38      | 49          | 24        | 58        | 36          | 32      | 30   | 34    | 30       | 32      |
| WDW 210052      |              | DE 160021         |                     | WDW 160019       |        | 83           | 107           | 114        | 84       | 88          | 100       | 93           | 97          | 97        | 117           | 93       | 92             | 115          | 107      | 114      | 112      | 109                   | 107    | 91  | 99          | 95   | 86           | 95      | 98          | 92        | 87        | 100         | 102     | 108  | 82    | 98       | 105     |
| Black 2         |              |                   |                     |                  |        | 69           | 69            | 65         | 73       | 40          | 57        | 26           | 51          | 32        | 88            | 2.29     | -0.5           | 81           | 37       | 11       | 20       | 160                   | 72     | 183 | 74          | -91  | 0.1          | 18.4    | -3.5        | -1.2      | 25.6      | 0           | 51      | 3.60 | -0.33 | 0.51     | 0.79    |
| venus           |              |                   |                     |                  |        |              |               |            |          |             |           |              |             |           | 56            | 74       | 70             | 73           | 69       | 65       |          | 69                    | 37     | 33  | 17          | 18   | 39           | 38      | 39          | 23        | 57        | 37          | 32      | 30   | 35    | 31       | 32      |
| PN 220075       |              | 6846              |                     | WB 110412        |        | 93           | 108           | 129        | 86       | 107         | 117       | 128          | 120         | 124       | 109           | 103      | 97             | 111          | 108      | 129      | 122      | 122                   | 112    | 123 | 103         | 117  | 64           | 97      | 102         | 107       | 105       | 87          | 105     | 133  | 117   | 133      | 133     |
| Black 3         |              |                   |                     |                  |        | 65           | 64            | 59         | 58       | 45          | 53        | 48           | 52          | 56        | 79            | 1.35     | -1.1           | 76           | 38       | 16       | 23       | 195                   | 76     | 306 | 86          | -129 | -0.7         | 19.1    | -5.3        | -3.1      | 35.4      | -1          | 53      | 5.92 | 3.94  | 3.48     | 1.31    |
| MATRIARCH 22075 |              |                   |                     |                  |        |              |               |            |          |             |           |              |             |           | 41            | 67       | 62             | 58           | 64       | 59       |          | 60                    | 60     | 57  | 25          | 37   | 60           | 58      | 47          | 26        | 61        | 59          | 55      | 54   | 58    | 54       | 56      |
| PN 220077       |              | 6846              |                     | WB 110412        |        | 91           | 108           | 127        | 93       | 104         | 116       | 128          | 119         | 124       | 103           | 102      | 92             | 105          | 108      | 127      | 121      | 124                   | 112    | 123 | 103         | 117  | 64           | 97      | 102         | 107       | 100       | 87          | 105     | 133  | 117   | 133      | 133     |
| Black 3         |              |                   |                     |                  |        | 66           | 65            | 64         | 70       | 45          | 55        | 48           | 54          | 56        | 70            | 1.42     | -0.5           | 67           | 37       | 15       | 23       | 200                   | 76     | 306 | 85          | -129 | -0.7         | 19.2    | -5.2        | -3.1      | 32.8      | -1          | 53      | 5.94 | 3.94  | 3.48     | 1.32    |
| MATRIARCH 22077 |              |                   |                     |                  |        |              |               |            |          |             |           |              |             |           | 41            | 68       | 67             | 70           | 65       | 64       |          | 66                    | 60     | 57  | 25          | 37   | 60           | 58      | 47          | 26        | 61        | 59          | 55      | 54   | 58    | 54       | 56      |
| PN 220079       |              | PN 170051         |                     | PN 180013        |        | 91           | 113           | 113        | 91       | 91          | 111       | 109          | 111         | 115       | 104           | 88       | 99             | 108          | 113      | 113      | 113      | 117                   | 114    | 112 | 97          | 112  | 71           | 114     | 101         | 88        | 94        | 105         | 108     | 120  | 98    | 115      | 119     |
| Black 3         |              |                   |                     |                  |        | 64           | 53            | 55         | 69       | 37          | 49        | 38           | 47          | 42        | 72            | 2.81     | -1.3           | 72           | 40       | 11       | 21       | 179                   | 79     | 264 | 70          | -120 | -0.4         | 26.8    | -4.6        | -0.6      | 29.1      | 0           | 55      | 4.75 | 1.57  | 1.97     | 1.05    |
| IVY 22079       |              |                   |                     |                  |        |              |               |            |          |             |           |              |             |           | 35            | 69       | 65             | 69           | 53       | 55       |          | 59                    | 45     | 42  | 29          | 32   | 43           | 44      | 37          | 24        | 51        | 44          | 41      | 41   | 43    | 41       | 42      |
| PN 220087       |              | 6846              |                     | WB 110412        |        | 89           | 110           | 133        | 83       | 107         | 118       | 129          | 121         | 125       | 113           | 101      | 95             | 115          | 110      | 133      | 125      | 125                   | 114    | 124 | 102         | 117  | 64           | 97      | 101         | 107       | 105       | 88          | 106     | 133  | 117   | 133      | 134     |
| Black 3         |              |                   |                     |                  |        | 65           | 65            | 64         | 70       | 45          | 55        | 48           | 54          | 56        | 83            | 1.56     | -0.9           | 81           | 39       | 17       | 24       | 202                   | 79     | 308 | 84          | -130 | -0.7         | 19.3    | -4.9        | -3.1      | 35.3      | -1          | 54      | 6.01 | 3.94  | 3.48     | 1.33    |
| MATRIARCH 22087 |              |                   |                     |                  |        |              |               |            |          |             |           |              |             |           | 41            | 67       | 66             | 70           | 65       | 64       |          | 66                    | 60     | 57  | 25          | 37   | 60           | 58      | 47          | 26        | 61        | 59          | 55      | 54   | 58    | 54       | 56      |
| PN 220104       |              | PN 200042         |                     | ACM 160009       |        | 99           | 93            | 129        | 94       | 89          | 100       | 100          | 99          | 107       | 103           | 110      | 98             | 103          | 93       | 129      | 117      | 115                   | 97     | 101 | 99          | 100  | 83           | 106     | 98          | 87        | 94        | 97          | 102     | 112  | 113   | 114      | 113     |
| Black 1         |              |                   |                     |                  |        | 63           | 51            | 53         | 65       | 30          | 46        | 22           | 41          | 26        | 70            | 0.72     | -1.2           | 65           | 30       | 16       | 20       | 176                   | 62     | 223 | 73          | -100 | 0.0          | 23.1    | -3.1        | -0.6      | 29.2      | 0           | 50      | 3.96 | 3.45  | 1.92     | 0.93    |
| LUCILLE 22104   |              |                   |                     |                  |        |              |               |            |          |             |           |              |             |           | 23            | 69       | 63             | 65           | 51       | 53       |          | 56                    | 35     | 26  | 21          | 17   | 27           | 28      | 28          | 17        | 45        | 27          | 25      | 25   | 26    | 24       | 26      |
| PN 220138       |              | 6846              |                     | WB 110412        |        | 90           | 109           | 130        | 86       | 107         | 117       | 128          | 120         | 124       | 109           | 101      | 94             | 111          | 109      | 130      | 123      | 123                   | 113    | 123 | 103         | 117  | 64           | 97      | 102         | 107       | 105       | 87          | 105     | 133  | 117   | 133      | 133     |
| Black 3         |              |                   |                     |                  |        | 65           | 64            | 59         | 58       | 44          | 52        | 48           | 51          | 56        | 79            | 1.50     | -0.8           | 76           | 38       | 16       | 23       | 199                   | 78     | 306 | 86          | -129 | -0.7         | 19.1    | -5.3        | -3.1      | 35.2      | -1          | 53      | 5.92 | 3.94  | 3.48     | 1.31    |
| MATRIARCH 22138 |              |                   |                     |                  |        |              |               |            |          |             |           |              |             |           | 41            | 67       | 62             | 58           | 64       | 59       |          | 60                    | 60     | 57  | 25          | 37   | 60           | 58      | 47          | 26        | 60        | 59          | 55      | 54   | 58    | 54       | 56      |
| PN 220145       |              | WB 140069         |                     | PN 190030        |        | 78           | 111           | 124        | 79       | 91          | 107       | 132          | 112         | 133       | 119           | 93       | 87             | 120          | 111      | 124      | 120      | 118                   | 124    | 125 | 108         | 120  | 86           | 92      | 104         | 87        | 92        | 112         | 121     | 111  | 121   | 111      | 114     |
| Black 2         |              |                   |                     |                  |        | 56           | 55            | 49         | 50       | 36          | 44        | 30           | 41          | 44        | 91            | 2.32     | 0.1            | 87           | 39       | 14       | 23       | 183                   | 88     | 313 | 101         | -134 | 0.1          | 16.8    | -6.2        | -0.5      | 28.0      | 1           | 66      | 3.88 | 4.36  | 1.65     | 0.95    |
| MATRIARCH 22145 |              |                   |                     |                  |        |              |               |            |          |             |           |              |             |           | 37            | 59       | 53             | 50           | 55       | 49       |          | 51                    | 50     | 44  | 26          | 16   | 45           | 46      | 35          | 21        | 51        | 46          | 43      | 42   | 45    | 42       | 44      |
| PN 230008       |              | 7C                |                     | WB 110412        |        | 99           | 98            | 122        | 98       | 91          | 104       | 118          | 106         | 114       | 94            | 101      | 98             | 100          | 98       | 122      | 114      | 114                   | 104    | 114 | 94          | 111  | 81           | 84      | 102         | 92        | 90        | 111         | 109     | 118  | 112   | 119      | 119     |
| Black           |              |                   |                     |                  |        | 58           | 63            | 54         | 64       | 35          | 49        | 32           | 46          | 40        | 59            | 1.51     | -1.2           | 61           | 33       | 13       | 20       | 172                   | 69     | 269 | 61          | -119 | -0.1         | 13.6    | -5.2        | -1.2      | 27.0      | 1           | 56      | 4.57 | 3.29  | 2.28     | 1.05    |
| MATRIARCH 23008 |              |                   |                     |                  |        |              |               |            |          |             |           |              |             |           | 33            | 60       | 60             | 64           | 63       | 54       |          | 60                    | 44     | 40  | 23          | 24   | 40           | 42      | 32          | 21        | 53        | 42          | 39      | 39   | 41    | 39       | 40      |
| PN 230088       |              | PN 210129         |                     | PN 200120        |        | 86           | 111           | 116        | 77       | 98          | 107       | 124          | 111         | 124       | 121           | 94       | 98             | 123          | 111      | 116      | 114      | 111                   | 117    | 120 | 103         | 116  | 73           | 96      | 101         | 96        | 99        | 100         | 110     | 114  | 112   | 117      | 116     |
| Black 3         |              |                   |                     |                  |        | 51           | 44            | 43         | 67       | 29          | 41        | 30           | 39          | 37        | 93            | 2.17     | -1.2           | 91           | 39       | 12       | 21       | 163                   | 81     | 294 | 85          | -127 | -0.3         | 18.9    | -4.7        | -1.7      | 31.9      | 0           | 57      | 4.17 | 3.30  | 2.15     | 0.98    |
| IRIS 23088      |              |                   |                     |                  |        |              |               |            |          |             |           |              |             |           | 28            | 53       | 56             | 67           | 44       | 43       |          | 51                    | 40     | 37  | 21          | 22   | 38           | 39      | 30          | 17        | 41        | 39          | 36      | 36   | 38    | 36       | 37      |

# 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 %           |
|                                       |              |                          |                     |                   |              |               |            |           |             |           |              |             |           |                 |                   |                   |                 |                 |                 |                 |                  |                       |                  |                  |                   |                  |                   |                   |                   |                   |                |                 |                   |                   |                   |                   |
| PN 230154<br>Black<br>LUCILLE 23154   |              | 7C<br>PN 190055          |                     |                   | 104<br>42    | 95<br>40      | 104<br>35  | 125<br>39 | 79<br>23    | 98<br>32  |              |             | 100<br>19 | 76<br>35<br>14  | 108<br>0.89<br>47 | 88<br>-0.1<br>41  | 75<br>30<br>39  | 95<br>31<br>40  | 104<br>8<br>35  | 101<br>16<br>38 | 106<br>149<br>38 | 98<br>64<br>27        | 97<br>205<br>19  | 103<br>87<br>10  | 93<br>-88<br>9    | 88<br>0.2<br>18  | 90<br>15.9<br>21  | 99<br>-4.0<br>18  | 82<br>0.2<br>10   | 80<br>21.8<br>42  | 93<br>-1<br>21 | 93<br>44<br>18  | 95<br>2.36<br>18  | 111<br>3.20<br>20 | 112<br>1.69<br>18 | 97<br>0.63<br>19  |
| PN 240002<br>Black<br>MATRIARCH 24002 | 1            | R725<br>PN 190029        |                     |                   | 88<br>49     | 109<br>41     | 106<br>35  | 91<br>37  | 101<br>24   | 106<br>33 |              |             | 112<br>21 | 106<br>74<br>18 | 92<br>2.40<br>62  | 94<br>-0.7<br>44  | 108<br>72<br>37 | 109<br>38<br>41 | 106<br>9<br>35  | 107<br>18<br>38 | 108<br>157<br>38 | 113<br>77<br>27       | 111<br>257<br>22 | 102<br>84<br>13  | 107<br>-112<br>13 | 86<br>0.1<br>23  | 99<br>20.2<br>23  | 103<br>-5.5<br>20 | 93<br>-1.2<br>12  | 105<br>35.5<br>39 | 103<br>0<br>23 | 106<br>54<br>21 | 112<br>3.98<br>20 | 111<br>3.22<br>22 | 124<br>2.75<br>20 | 113<br>0.94<br>21 |
| PN 240026<br>Black<br>SHELLY 24026    | 1            | JS02<br>WDW 210052       |                     |                   | 88<br>62     | 100<br>66     | 119<br>51  | 102<br>54 | 97<br>32    | 103<br>49 | 95<br>26     | 101<br>44   | 95<br>36  | 103<br>71<br>47 | 97<br>1.93<br>70  | 86<br>0.1<br>58   | 95<br>56<br>54  | 100<br>33<br>66 | 119<br>13<br>51 | 113<br>19<br>57 | 116<br>179<br>57 | 103<br>68<br>39       | 95<br>200<br>37  | 94<br>59<br>10   | 98<br>-96<br>14   | 82<br>0.0<br>43  | 112<br>25.7<br>40 | 100<br>-4.5<br>32 | 88<br>-0.6<br>16  | 103<br>34.1<br>48 | 79<br>-2<br>40 | 89<br>40<br>35  | 106<br>3.33<br>33 | 104<br>2.36<br>38 | 109<br>1.47<br>34 | 106<br>0.79<br>36 |
| PN 240027<br>Black<br>SHAKIRA 24027   | 3            | 6846<br>WDW 200035       |                     |                   | 94<br>64     | 102<br>68     | 108<br>51  | 99<br>53  | 110<br>39   | 106<br>51 | 100<br>38    | 104<br>48   | 103<br>46 | 105<br>73<br>42 | 105<br>1.13<br>71 | 92<br>-0.5<br>59  | 100<br>62<br>53 | 102<br>34<br>68 | 108<br>9<br>51  | 106<br>18<br>57 | 108<br>155<br>57 | 102<br>67<br>48       | 102<br>223<br>46 | 103<br>85<br>13  | 97<br>-95<br>30   | 70<br>-0.4<br>49 | 96<br>18.7<br>48  | 112<br>-9.8<br>44 | 114<br>-4.2<br>20 | 99<br>31.9<br>52  | 73<br>-2<br>48 | 89<br>41<br>44  | 106<br>3.41<br>44 | 104<br>2.34<br>47 | 118<br>2.26<br>43 | 107<br>0.81<br>46 |
| PN 240075<br>Black<br>LUCILLE 24075   | 2            | PN 220002<br>PN 190055   |                     |                   | 105<br>54    | 93<br>57      | 107<br>42  | 112<br>45 | 85<br>27    | 96<br>41  | 92<br>20     | 94<br>37    | 96<br>23  | 84<br>46<br>23  | 105<br>1.16<br>64 | 99<br>-1.3<br>50  | 87<br>45<br>45  | 93<br>30<br>57  | 107<br>9<br>42  | 102<br>16<br>48 | 106<br>150<br>48 | 97<br>63<br>33        | 96<br>204<br>24  | 113<br>114<br>15 | 94<br>-90<br>14   | 83<br>0.0<br>26  | 102<br>21.6<br>26 | 100<br>-4.2<br>26 | 85<br>-0.2<br>14  | 87<br>25.6<br>42  | 87<br>-1<br>25 | 93<br>43<br>23  | 98<br>2.59<br>22  | 103<br>2.16<br>24 | 103<br>0.96<br>22 | 98<br>0.65<br>23  |
| PN 240102<br>Black<br>LUCILLE 24102   | 2            | PN 220002<br>ACM 160009  |                     |                   | 108<br>57    | 94<br>61      | 108<br>44  | 104<br>47 | 87<br>29    | 97<br>44  | 87<br>22     | 94<br>40    | 96<br>26  | 93<br>57<br>25  | 107<br>1.01<br>67 | 105<br>-2.1<br>53 | 95<br>55<br>47  | 94<br>31<br>61  | 108<br>9<br>44  | 103<br>16<br>51 | 104<br>144<br>51 | 97<br>62<br>33        | 92<br>187<br>27  | 106<br>94<br>18  | 90<br>-82<br>17   | 81<br>-0.1<br>27 | 105<br>22.9<br>29 | 99<br>-3.6<br>28  | 89<br>-0.7<br>17  | 88<br>26.2<br>42  | 85<br>-1<br>28 | 92<br>43<br>26  | 99<br>2.69<br>25  | 104<br>2.31<br>27 | 98<br>0.56<br>24  | 99<br>0.67<br>26  |
| PN 240139<br>Black<br>MATRIARCH 24139 | 3            | KCM 210159<br>PN 210057  |                     |                   | 89<br>57     | 108<br>51     | 125<br>42  | 86<br>40  | 111<br>31   | 115<br>40 | 120<br>26    | 117<br>37   | 118<br>30 | 112<br>81<br>24 | 103<br>1.37<br>67 | 94<br>-0.7<br>50  | 112<br>77<br>40 | 108<br>38<br>51 | 125<br>15<br>42 | 119<br>22<br>44 | 119<br>187<br>44 | 113<br>77<br>34       | 118<br>285<br>30 | 103<br>85<br>14  | 112<br>-121<br>20 | 77<br>-0.2<br>32 | 98<br>19.6<br>31  | 104<br>-6.3<br>32 | 111<br>-3.7<br>18 | 107<br>36.3<br>43 | 95<br>0<br>32  | 107<br>54<br>30 | 121<br>4.81<br>29 | 115<br>3.60<br>31 | 121<br>2.48<br>29 | 122<br>1.10<br>30 |
| PN 240177<br>Black<br>JUSTINE 24177   | 2            | WDW 210015<br>WDW 200032 |                     |                   | 98<br>59     | 107<br>50     | 94<br>42   | 93<br>44  | 77<br>30    | 96<br>41  |              |             | 97<br>20  | 104<br>72<br>43 | 95<br>2.07<br>69  | 103<br>-1.8<br>53 | 107<br>71<br>44 | 107<br>37<br>50 | 94<br>5<br>42   | 98<br>16<br>45  | 98<br>129<br>45  | 103<br>68<br>27       | 93<br>192<br>22  | 100<br>78<br>12  | 97<br>-94<br>12   | 89<br>0.2<br>24  | 94<br>17.8<br>24  | 86<br>2.1<br>32   | 77<br>0.9<br>16   | 90<br>26.9<br>42  | 95<br>0<br>23  | 97<br>47<br>21  | 102<br>2.98<br>19 | 91<br>0.71<br>21  | 95<br>0.32<br>19  | 101<br>0.70<br>20 |
| PN 240179<br>Black<br>MATRIARCH 24179 | 2            | KCM 210159<br>PN 190029  |                     |                   | 85<br>57     | 93<br>62      | 124<br>46  | 97<br>46  | 102<br>30   | 97<br>44  | 112<br>20    | 99<br>39    | 108<br>23 | 98<br>63<br>21  | 100<br>1.59<br>67 | 84<br>0.5<br>52   | 100<br>62<br>46 | 93<br>30<br>62  | 124<br>14<br>46 | 114<br>19<br>51 | 113<br>169<br>51 | 102<br>67<br>31       | 111<br>260<br>24 | 110<br>106<br>13 | 109<br>-115<br>15 | 85<br>0.1<br>25  | 96<br>18.6<br>25  | 106<br>-7.0<br>28 | 100<br>-2.2<br>18 | 99<br>32.1<br>44  | 101<br>0<br>25 | 104<br>52<br>23 | 112<br>3.97<br>22 | 111<br>3.13<br>24 | 118<br>2.20<br>22 | 113<br>0.93<br>23 |
| WDW 240006<br>Black<br>JESICA         | 4            | DE 190006<br>WDW 200032  |                     |                   | 92<br>62     | 102<br>57     | 94<br>43   | 95<br>42  | 88<br>32    | 92<br>43  | 104<br>24    | 93<br>39    | 108<br>30 | 103<br>70<br>41 | 104<br>1.25<br>73 | 92<br>-0.6<br>54  | 105<br>68<br>42 | 102<br>35<br>57 | 94<br>5<br>43   | 97<br>15<br>47  | 95<br>121<br>47  | 103<br>68<br>33       | 104<br>233<br>31 | 94<br>59<br>13   | 104<br>-107<br>17 | 93<br>0.4<br>35  | 96<br>18.8<br>34  | 97<br>-2.7<br>35  | 90<br>-0.9<br>16  | 91<br>27.8<br>45  | 92<br>-1<br>34 | 103<br>52<br>30 | 107<br>3.46<br>29 | 87<br>0.26<br>32  | 116<br>2.10<br>29 | 105<br>0.78<br>30 |
| WDW 240032<br>Black<br>DUETT          | 3            | DE 190006<br>WDW 200008  |                     |                   | 88<br>64     | 103<br>56     | 97<br>40   | 92<br>40  | 83<br>32    | 90<br>43  | 106<br>24    | 92<br>39    | 109<br>30 | 106<br>73<br>41 | 101<br>1.52<br>73 | 91<br>-0.4<br>55  | 108<br>72<br>40 | 103<br>35<br>56 | 97<br>6<br>40   | 99<br>15<br>45  | 97<br>125<br>45  | 104<br>69<br>32       | 106<br>239<br>31 | 92<br>53<br>12   | 106<br>-111<br>17 | 92<br>0.3<br>35  | 94<br>17.7<br>34  | 93<br>-1.2<br>35  | 82<br>0.1<br>16   | 90<br>27.3<br>45  | 94<br>0<br>34  | 105<br>53<br>30 | 110<br>3.71<br>29 | 88<br>0.32<br>32  | 116<br>2.04<br>29 | 108<br>0.83<br>30 |
| PN 250009<br>Black<br>HAZEL 25009     | 3            | PN 220069<br>ACM 210042  |                     |                   | 94<br>46     | 110<br>47     | 114<br>41  | 89<br>45  | 113<br>30   | 115<br>38 | 117<br>28    | 116<br>36   | 112<br>30 | 108<br>77<br>24 | 103<br>1.31<br>49 | 98<br>-1.2<br>45  | 110<br>74<br>45 | 110<br>38<br>47 | 114<br>11<br>41 | 113<br>20<br>44 | 114<br>172<br>44 | 112<br>77<br>35       | 114<br>269<br>33 | 86<br>38<br>14   | 108<br>-113<br>22 | 77<br>-0.2<br>36 | 92<br>17.1<br>35  | 110<br>-8.8<br>29 | 121<br>-5.1<br>18 | 99<br>31.9<br>43  | 94<br>0<br>35  | 100<br>49<br>32 | 119<br>4.65<br>29 | 110<br>3.06<br>31 | 120<br>2.41<br>29 | 119<br>1.06<br>30 |

# 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 % |     |
|                 |              |                   |                     |                   |              |               |            |          |             |           |              |             |           |               |          |                |              |          |          |          |             |                       |     |             |      |            |           |             |           |           |             |        |         |      |          |         |     |
| PN 250022       |              | PN 220002         |                     | PN 220104         | 106          | 95            | 117        | 93       | 91          | 100       | 98           | 99          | 102       | 101           | 107      | 108            | 105          | 95       | 117      | 110      | 107         | 99                    | 100 | 104         | 99   | 81         | 104       | 100         | 90        | 93        | 93          | 99     | 104     | 104  | 103      | 104     |     |
| Black           | 2            |                   |                     |                   | 53           | 56            | 39         | 43       | 26          | 40        | 20           | 36          | 24        | 67            | 0.98     | -2.3           | 68           | 31       | 12       | 18       | 153         | 64                    | 219 | 89          | -97  | -0.1       | 22.2      | -4.4        | -0.9      | 28.6      | -1          | 48     | 3.19    | 2.35 | 0.94     | 0.77    |     |
| MARTHA 25022    |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 23            | 65       | 49             | 43           | 56       | 39       |          | 46          | 31                    | 25  | 16          | 14   | 26         | 27        | 25          | 14        | 38        | 26          | 23     | 23      | 25   | 22       | 24      |     |
| PN 250023       |              | PN 220002         |                     | PN 190030         | 102          | 101           | 119        | 87       | 89          | 103       | 110          | 104         | 109       | 106           | 103      | 107            | 112          | 101      | 119      | 113      | 110         | 106                   | 110 | 110         | 109  | 80         | 102       | 99          | 89        | 90        | 100         | 106    | 114     | 102  | 113      | 113     |     |
| Black           | 2            |                   |                     |                   | 56           | 58            | 42         | 44       | 30          | 42        | 24           | 38          | 28        | 74            | 1.37     | -2.2           | 77           | 34       | 13       | 20       | 162         | 71                    | 256 | 107         | -115 | -0.1       | 21.3      | -4.0        | -0.8      | 27.3      | 0           | 54     | 4.11    | 2.04 | 1.77     | 0.94    |     |
| MATRIARCH 25023 |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 27            | 66       | 51             | 44           | 58       | 42       |          | 48          | 37                    | 29  | 17          | 17   | 31         | 31        | 29          | 16        | 44        | 31          | 28     | 27      | 30   | 27       | 28      |     |
| PN 250037       |              | KCM 210159        |                     | PN 210103         | 85           | 108           | 114        | 89       | 97          | 106       |              |             | 106       | 109           | 94       | 90             | 109          | 108      | 114      | 112      | 113         | 111                   | 104 | 101         | 102  | 85         | 105       | 98          | 100       | 97        | 101         | 103    | 106     | 104  | 110      | 106     |     |
| Black           | 1            |                   |                     |                   | 56           | 46            | 37         | 43       | 27          | 38        |              |             | 20        | 78            | 2.21     | -0.4           | 74           | 38       | 11       | 20       | 170         | 76                    | 232 | 81          | -103 | 0.1        | 22.6      | -3.5        | -2.2      | 31.1      | 0           | 51     | 3.34    | 2.33 | 1.52     | 0.80    |     |
| LUCILLE 25037   |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 18            | 68       | 50             | 43           | 46       | 37       |          | 42          | 25                    | 20  | 15          | 15   | 20         | 21        | 26          | 16        | 38        | 21          | 20     | 19      | 20   | 19       | 20      |     |
| PN 250064       |              | KCM 210159        |                     | ACM 160009        | 92           | 102           | 116        | 100      | 98          | 106       |              |             | 102       | 101           | 104      | 89             | 98           | 102      | 116      | 111      | 115         | 106                   | 98  | 103         | 95   | 86         | 104       | 101         | 100       | 96        | 93          | 98     | 104     | 112  | 107      | 106     |     |
| Black           | 1            |                   |                     |                   | 59           | 65            | 45         | 47       | 29          | 45        |              |             | 20        | 67            | 1.29     | -0.2           | 59           | 35       | 12       | 19       | 176         | 70                    | 210 | 85          | -91  | 0.1        | 22.2      | -4.7        | -2.3      | 30.5      | -1          | 47     | 3.21    | 3.32 | 1.31     | 0.79    |     |
| LUCILLE 25064   |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 19            | 71       | 54             | 47           | 65       | 45       |          | 52          | 26                    | 20  | 14          | 15   | 20         | 21        | 28          | 18        | 42        | 21          | 20     | 19      | 20   | 19       | 20      |     |
| PN 250101       |              | KCM 210159        |                     | WDW 210033        | 82           | 110           | 112        | 83       | 103         | 106       |              |             | 98        | 117           | 93       | 91             | 116          | 110      | 112      | 111      | 110         | 111                   | 98  | 101         | 99   | 87         | 98        | 110         | 98        | 100       | 99          | 101    | 102     | 96   | 103      | 101     |     |
| Black           | 2            |                   |                     |                   | 59           | 65            | 43         | 45       | 31          | 45        |              |             | 19        | 88            | 2.33     | -0.4           | 82           | 39       | 11       | 20       | 162         | 75                    | 209 | 79          | -97  | 0.1        | 19.4      | -8.8        | -2.0      | 32.8      | 0           | 50     | 2.98    | 1.30 | 0.92     | 0.71    |     |
| BLACKIE 25101   |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 30            | 71       | 53             | 45           | 65       | 43       |          | 51          | 25                    | 20  | 10          | 12   | 23         | 22        | 32          | 18        | 43        | 22          | 19     | 18      | 20   | 18       | 19      |     |
| PN 250136       |              | KCM 210159        |                     | WDW 210052        | 79           | 116           | 118        | 82       | 100         | 112       |              |             | 107       | 119           | 92       | 89             | 117          | 116      | 118      | 117      | 117         | 118                   | 104 | 99          | 103  | 88         | 99        | 100         | 104       | 98        | 105         | 109    | 111     | 97   | 104      | 110     |     |
| Black           | 2            |                   |                     |                   | 58           | 65            | 45         | 46       | 30          | 45        |              |             | 19        | 91            | 2.43     | -0.2           | 84           | 42       | 12       | 22       | 182         | 82                    | 231 | 74          | -105 | 0.2        | 19.9      | -4.4        | -2.8      | 31.5      | 0           | 56     | 3.85    | 1.46 | 1.00     | 0.88    |     |
| VIOLA 25136     |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 30            | 70       | 53             | 46           | 65       | 45       |          | 52          | 25                    | 20  | 10          | 12   | 23         | 22        | 29          | 17        | 43        | 22          | 19     | 18      | 20   | 18       | 19      |     |
| PN 250153       |              | KCM 210159        |                     | PN 220077         | 85           | 108           | 126        | 91       | 109         | 115       | 120          | 117         | 119       | 106           | 99       | 87             | 107          | 108      | 126      | 120      | 123         | 114                   | 118 | 103         | 112  | 77         | 98        | 104         | 111       | 104       | 96          | 107    | 121     | 115  | 121      | 122     |     |
| Black           | 3            |                   |                     |                   | 57           | 61            | 44         | 45       | 31          | 44        | 26           | 40          | 30        | 74            | 1.70     | 0.0            | 70           | 38       | 15       | 22       | 197         | 78                    | 286 | 85          | -121 | -0.2       | 19.7      | -6.2        | -3.7      | 35.0      | 0           | 55     | 4.86    | 3.60 | 2.48     | 1.11    |     |
| MATRIARCH 25153 |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 24            | 68       | 52             | 45           | 61       | 44       |          | 50          | 34                    | 30  | 14          | 20   | 32         | 31        | 32          | 18        | 44        | 32          | 30     | 29      | 31   | 29       | 30      |     |
| PN 250159       |              | KCM 210159        |                     | PN 220087         | 83           | 116           | 127        | 82       | 110         | 120       | 122          | 122         | 121       | 116           | 97       | 91             | 116          | 116      | 127      | 123      | 124         | 120                   | 119 | 101         | 113  | 77         | 99        | 103         | 111       | 106       | 98          | 109    | 123     | 115  | 121      | 124     |     |
| Black           | 3            |                   |                     |                   | 57           | 61            | 44         | 45       | 31          | 44        | 26           | 40          | 30        | 87            | 1.96     | -0.4           | 83           | 41       | 15       | 24       | 201         | 84                    | 291 | 81          | -123 | -0.2       | 20.1      | -5.5        | -3.7      | 36.1      | 0           | 56     | 5.03    | 3.59 | 2.49     | 1.14    |     |
| MATRIARCH 25159 |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 24            | 68       | 52             | 45           | 61       | 44       |          | 50          | 34                    | 30  | 14          | 20   | 32         | 31        | 32          | 18        | 44        | 32          | 30     | 29      | 31   | 29       | 30      |     |
| PN 250173       |              | KCM 210159        |                     | PN 200120         | 84           | 110           | 112        | 83       | 102         | 106       | 114          | 108         | 116       | 115           | 96       | 92             | 116          | 110      | 112      | 111      | 110         | 116                   | 113 | 104         | 110  | 86         | 96        | 105         | 100       | 100       | 106         | 109    | 100     | 109  | 105      | 105     | 102 |
| Black           | 1            |                   |                     |                   | 56           | 61            | 44         | 46       | 29          | 44        | 20           | 39          | 26        | 86            | 2.05     | -0.5           | 82           | 39       | 10       | 20       | 161         | 81                    | 268 | 89          | -117 | 0.1        | 18.9      | -6.5        | -2.3      | 32.9      | 0           | 56     | 2.84    | 2.96 | 1.14     | 0.73    |     |
| IRIS 25173      |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 23            | 67       | 51             | 46           | 61       | 44       |          | 50          | 31                    | 27  | 17          | 14   | 27         | 28        | 28          | 17        | 41        | 28          | 26     | 25      | 27   | 25       | 26      |     |
| PN 260041       |              | 241G              |                     | PN 190030         | 95           | 106           | 127        | 87       | 98          | 113       |              |             | 116       | 109           | 100      | 100            | 111          | 106      | 127      | 120      | 120         | 111                   | 119 | 113         | 117  | 78         | 104       | 98          | 95        | 102       | 108         | 113    | 119     | 105  | 125      | 119     |     |
| Black           |              |                   |                     |                   | 51           | 33            | 32         | 36       | 24          | 31        |              |             | 21        | 78            | 1.66     | -1.5           | 75           | 37       | 15       | 22       | 189         | 76                    | 288 | 115         | -129 | -0.2       | 22.2      | -3.4        | -1.5      | 34.0      | 1           | 59     | 4.65    | 2.42 | 2.80     | 1.05    |     |
| MATRIARCH 26041 |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 18            | 63       | 45             | 36           | 33       | 32       |          | 34          | 27                    | 21  | 12          | 13   | 23         | 22        | 20          | 12        | 40        | 22          | 21     | 20      | 22   | 20       | 21      |     |
| PN 260059       |              | PN 220002         |                     | WDW 240006        | 102          | 99            | 100        | 94       | 90          | 95        | 100          | 95          | 102       | 100           | 104      | 104            | 106          | 99       | 100      | 100      | 97          | 102                   | 101 | 102         | 101  | 86         | 99        | 100         | 91        | 91        | 90          | 99     | 102     | 91   | 104      | 101     |     |
| Black           | 1            |                   |                     |                   | 45           | 43            | 35         | 35       | 26          | 34        | 20           | 31          | 25        | 66            | 1.28     | -1.9           | 69           | 33       | 7        | 15       | 126         | 67                    | 223 | 83          | -101 | 0.1        | 19.9      | -4.3        | -1.0      | 27.7      | -1          | 48     | 2.96    | 0.75 | 1.03     | 0.70    |     |
| JESSICA 26059   |              |                   |                     |                   |              |               |            |          |             |           |              |             |           | 29            | 52       | 41             | 35           | 43       | 35       |          | 38          | 30                    | 26  | 14          | 14   | 28         | 28        | 27          | 14        | 37        | 27          | 25     | 24      | 26   | 24       | 25      |     |

# Selection List on Cow Value

## Bulls 2 years and older

| ID<br><div>Sorted on ID</div> | Name       | Sire ID           | Dam ID     | % Inbreeding | Horned / Polled | Myostatin<br>nt821<br>F94L | Genomic test | Calving Ease Value<br>Acc | Calf Growth Value<br>Acc | Milk Value<br>Acc | Maint. Value<br>Acc | Fertility Value<br>Acc | Cow Value<br>Acc | Growth Value<br>Acc | Prod Value<br>Acc |     |    |     |    |     |    |     |    |     |    |  |
|-------------------------------|------------|-------------------|------------|--------------|-----------------|----------------------------|--------------|---------------------------|--------------------------|-------------------|---------------------|------------------------|------------------|---------------------|-------------------|-----|----|-----|----|-----|----|-----|----|-----|----|--|
|                               |            |                   |            |              |                 |                            |              | ★★★★★                     |                          |                   |                     |                        |                  |                     |                   |     |    |     |    |     |    |     |    |     |    |  |
| 1                             | KCM 210159 | GAMEPLAN 1159     | KCM 160069 | KCM 120053   | 2.5             |                            |              | 82                        | 74                       | 112               | 80                  | 123                    | 59               | 85                  | 57                | 115 | 43 | 117 | 58 | 112 | 20 | 117 | 50 | 112 | 22 |  |
| 2                             | PN 240073  | MAX 24073         | KCM 210159 | WB 110412    | 1.4             |                            |              | 85                        | 62                       | 110               | 66                  | 134                    | 52               | 77                  | 51                | 110 | 38 | 117 | 49 | 125 | 32 | 120 | 46 | 122 | 38 |  |
| 3                             | PN 240181  | INDIANA 24181     | KCM 210159 | PN 180013    | 0.9             |                            |              | 83                        | 58                       | 123               | 62                  | 112                    | 45               | 72                  | 47                | 95  | 32 | 115 | 45 | 112 | 26 | 115 | 41 | 116 | 30 |  |
|                               |            |                   |            |              |                 |                            |              | ★★★★☆                     |                          |                   |                     |                        |                  |                     |                   |     |    |     |    |     |    |     |    |     |    |  |
| 1                             | PN 240035  | TYSON 24035       | 86G        | PN 180014    | 0.4             |                            |              | 95                        | 50                       | 116               | 56                  | 93                     | 42               | 91                  | 44                | 98  | 30 | 109 | 41 | 109 | 26 | 109 | 38 | 115 | 28 |  |
| 2                             | PN 240042  | TRIGGER 24042     | 86G        | PN 180014    | 0.4             |                            |              | 95                        | 50                       | 116               | 56                  | 93                     | 42               | 91                  | 44                | 98  | 30 | 109 | 41 | 109 | 26 | 109 | 38 | 115 | 28 |  |
| 3                             | PN 240043  | TIGER 24043       | 86G        | PN 180014    | 0.4             |                            |              | 95                        | 50                       | 116               | 56                  | 93                     | 42               | 91                  | 44                | 98  | 30 | 109 | 41 | 109 | 26 | 109 | 38 | 115 | 28 |  |
| 4                             | PN 240064  | GANGSTER 24064    | KCM 210159 | WDW 210033   | 2.2             |                            |              | 80                        | 58                       | 110               | 53                  | 113                    | 43               | 84                  | 45                | 107 | 32 | 108 | 42 |     |    |     |    | 98  | 19 |  |
| 5                             | PN 240183  | ROCKY 24183       | KCM 210159 | PN 200120    | 0.9             |                            |              | 84                        | 56                       | 112               | 62                  | 111                    | 44               | 82                  | 46                | 101 | 29 | 107 | 44 | 117 | 20 | 109 | 39 | 120 | 26 |  |
|                               |            |                   |            |              |                 |                            |              | ★★★★                      |                          |                   |                     |                        |                  |                     |                   |     |    |     |    |     |    |     |    |     |    |  |
| 1                             | PN 220002  | IMAX 22002        | SOO403Y    | PN 180014    | 0.4             |                            |              | 113                       | 65                       | 96                | 65                  | 106                    | 54               | 94                  | 55                | 92  | 41 | 98  | 51 | 96  | 33 | 97  | 47 | 97  | 40 |  |
| 2                             | PN 240032  | BLACK LABEL 24032 | 7C         | PN 210103    | 0.2             |                            |              | 101                       | 49                       | 98                | 35                  | 103                    | 28               | 107                 | 36                | 82  | 23 | 96  | 30 |     |    |     |    | 100 | 22 |  |

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        |     |    |     |    |     |    |     |    |     |    |  |
|              |            |                 |            |              |                 |           |              | ★★★★               |                   |            |              |                 |           |              |            |     |    |     |    |     |    |     |    |     |    |  |
| 1            | PN 210057  | MATRIARCH 21057 | 6846       | WB 110412    | 3.4             |           |              | 95                 | 67                | 107        | 64           | 128             | 59        | 86           | 58         | 107 | 44 | 116 | 53 | 128 | 48 | 120 | 52 | 124 | 56 |  |
| 2            | PN 220075  | MATRIARCH 22075 | 6846       | WB 110412    | 3.4             |           |              | 93                 | 65                | 108        | 64           | 129             | 59        | 86           | 58         | 107 | 45 | 117 | 53 | 128 | 48 | 120 | 52 | 124 | 56 |  |
| 3            | PN 220077  | MATRIARCH 22077 | 6846       | WB 110412    | 3.4             |           |              | 91                 | 66                | 108        | 65           | 127             | 64        | 93           | 70         | 104 | 45 | 116 | 55 | 128 | 48 | 119 | 54 | 124 | 56 |  |
| 4            | PN 220079  | IVY 22079       | PN 170051  | PN 180013    | 3.0             |           |              | 91                 | 64                | 113        | 53           | 113             | 55        | 91           | 69         | 91  | 37 | 111 | 49 | 109 | 38 | 111 | 47 | 115 | 42 |  |
| 5            | PN 220087  | MATRIARCH 22087 | 6846       | WB 110412    | 3.4             |           |              | 89                 | 65                | 110        | 65           | 133             | 64        | 83           | 70         | 107 | 45 | 118 | 55 | 129 | 48 | 121 | 54 | 125 | 56 |  |
| 6            | PN 220138  | MATRIARCH 22138 | 6846       | WB 110412    | 3.4             |           |              | 90                 | 65                | 109        | 64           | 130             | 59        | 86           | 58         | 107 | 44 | 117 | 52 | 128 | 48 | 120 | 51 | 124 | 56 |  |
| 7            | PN 240139  | MATRIARCH 24139 | KCM 210159 | PN 210057    | 2.7             |           |              | 89                 | 57                | 108        | 51           | 125             | 42        | 86           | 40         | 111 | 31 | 115 | 40 | 120 | 26 | 117 | 37 | 118 | 30 |  |
|              |            |                 |            |              |                 |           |              | ★★★★☆              |                   |            |              |                 |           |              |            |     |    |     |    |     |    |     |    |     |    |  |
| 1            | ACM 210042 | HOSTESS 2142    | ACM 170004 | ACM 170054   | 0.9             |           |              | 99                 | 68                | 105        | 69           | 99              | 57        | 92           | 69         | 116 | 37 | 107 | 54 | 106 | 28 | 107 | 49 | 100 | 23 |  |
| 2            | PN 180013  | IVY 18013       | WB 000022  | WB 100240    | 3.0             |           |              | 91                 | 70                | 112        | 63           | 109             | 66        | 74           | 74         | 79  | 48 | 101 | 57 | 103 | 50 | 100 | 56 | 107 | 56 |  |
| 3            | PN 190030  | MATRIARCH 19030 | 1867       | WB 110412    | 3.6             |           |              | 87                 | 70                | 101        | 61           | 136             | 62        | 86           | 69         | 86  | 41 | 105 | 54 | 121 | 34 | 108 | 50 | 117 | 42 |  |
| 4            | PN 220104  | LUCILLE 22104   | PN 200042  | ACM 160009   | 1.1             |           |              | 99                 | 63                | 93         | 51           | 129             | 53        | 94           | 65         | 89  | 30 | 100 | 46 | 100 | 22 | 99  | 41 | 107 | 26 |  |
| 5            | PN 220145  | MATRIARCH 22145 | WB 140069  | PN 190030    | 2.1             |           |              | 78                 | 56                | 111        | 55           | 124             | 49        | 79           | 50         | 91  | 36 | 107 | 44 | 132 | 30 | 112 | 41 | 133 | 44 |  |
| 6            | PN 230008  | MATRIARCH 23008 | 7C         | WB 110412    | 0.4             |           |              | 99                 | 58                | 98         | 63           | 122             | 54        | 98           | 64         | 91  | 35 | 104 | 49 | 118 | 32 | 106 | 46 | 114 | 40 |  |
| 7            | PN 230088  | IRIS 23088      | PN 210129  | PN 200120    | 2.6             |           |              | 86                 | 51                | 111        | 44           | 116             | 43        | 77           | 67         | 98  | 29 | 107 | 41 | 124 | 30 | 111 | 39 | 124 | 37 |  |
| 8            | PN 240002  | MATRIARCH 24002 | R725       | PN 190029    | 0.7             |           |              | 88                 | 49                | 109        | 41           | 106             | 35        | 91           | 37         | 101 | 24 | 106 | 33 |     |    |     |    | 112 | 21 |  |
| 9            | PN 240026  | SHELLY 24026    | JS02       | WDW 210052   | 1.2             |           |              | 88                 | 62                | 100        | 66           | 119             | 51        | 102          | 54         | 97  | 32 | 103 | 49 | 95  | 26 | 101 | 44 | 95  | 36 |  |
| 10           | PN 240027  | SHAKIRA 24027   | 6846       | WDW 200035   | 2.6             |           |              | 94                 | 64                | 102        | 68           | 108             | 51        | 99           | 53         | 110 | 39 | 106 | 51 | 100 | 38 | 104 | 48 | 103 | 46 |  |
| 11           | WDW 200032 | JESICA11        | DE 160021  | SV 090115    | 1.5             |           |              | 97                 | 75                | 113        | 73           | 88              | 65        | 92           | 73         | 85  | 44 | 100 | 59 | 94  | 28 | 98  | 53 | 98  | 34 |  |
| 12           | WDW 210052 | venus           | DE 160021  | WDW 160019   | 1.5             |           |              | 83                 | 69                | 107        | 69           | 114             | 65        | 84           | 73         | 88  | 40 | 100 | 57 | 93  | 26 | 97  | 51 | 97  | 32 |  |
|              |            |                 |            |              |                 |           |              | ★★★★               |                   |            |              |                 |           |              |            |     |    |     |    |     |    |     |    |     |    |  |
| 1            | ACM 160009 | LUCILLE 1609    | 9164       | E 100022     | 1.5             |           |              | 102                | 74                | 93         | 70           | 110             | 67        | 116          | 75         | 80  | 39 | 96  | 58 | 80  | 30 | 91  | 52 | 97  | 32 |  |
| 2            | PN 180014  | IRIS 18014      | WB 000022  | WB 100240    | 3.0             |           |              | 94                 | 70                | 105        | 66           | 90              | 70        | 90           | 74         | 82  | 49 | 91  | 58 | 99  | 50 | 91  | 56 | 101 | 56 |  |
| 3            | PN 190029  | MATRIARCH 19029 | 1867       | WB 110412    | 3.6             |           |              | 88                 | 67                | 97         | 65           | 118             | 69        | 92           | 72         | 86  | 41 | 94  | 56 | 119 | 34 | 98  | 52 | 114 | 42 |  |
| 4            | PN 190055  | LUCILLE 19055   | 1867       | ACM 160009   | 3.1             |           |              | 98                 | 67                | 94         | 60           | 107             | 62        | 129          | 71         | 76  | 35 | 96  | 52 | 91  | 21 | 93  | 46 | 99  | 24 |  |
| 5            | PN 200120  | IRIS 20120      | WB 140069  | PN 180014    | 0.8             |           |              | 84                 | 63                | 112        | 61           | 101             | 63        | 81           | 72         | 88  | 38 | 99  | 53 | 121 | 36 | 103 | 50 | 125 | 48 |  |

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        |       |  |
|              |                           |            |            |              |                 |           |              |                    |                   |            |              |                 |           |              |            |       |  |
|              |                           |            |            |              |                 |           |              |                    |                   |            |              |                 |           |              |            |       |  |
| 6            | PN 210103 LUCILLE 21103   | PN 180015  | ACM 160009 | 1.1          |                 |           |              | 9463               | 10047             | 10545      | 9464         | 8031            | 9244      | 9129         | 9041       | 10032 |  |
| 7            | PN 230154 LUCILLE 23154   | 7C         | PN 190055  | 0.3          |                 |           |              | 10442              | 9540              | 10435      | 12539        | 7923            | 9832      |              |            | 10019 |  |
| 8            | PN 240075 LUCILLE 24075   | PN 220002  | PN 190055  | 1.8          |                 |           |              | 10554              | 9357              | 10742      | 11245        | 8527            | 9641      | 9220         | 9437       | 9623  |  |
| 9            | PN 240102 LUCILLE 24102   | PN 220002  | ACM 160009 | 2.3          |                 |           |              | 10857              | 9461              | 10844      | 10447        | 8729            | 9744      | 8722         | 9440       | 9626  |  |
| 10           | PN 240177 JUSTINE 24177   | WDW 210015 | WDW 200032 | 1.9          |                 |           |              | 9859               | 10750             | 9442       | 9344         | 7730            | 9641      |              |            | 9720  |  |
| 11           | PN 240179 MATRIARCH 24179 | KCM 210159 | PN 190029  | 2.0          |                 |           |              | 8557               | 9362              | 12446      | 9746         | 10230           | 9744      | 11220        | 9939       | 10823 |  |
| 12           | WDW 200008 DUETT          | DE 160021  | WDW 130022 | 2.4          |                 |           |              | 9073               | 11268             | 9357       | 8768         | 7444            | 9556      | 9928         | 9450       | 10134 |  |
| 13           | WDW 200035 ALMA           | DE 160021  | WDW 160009 | 0.6          |                 |           |              | 9673               | 9369              | 10259      | 9071         | 10543           | 9257      | 8426         | 8851       | 8832  |  |
| 14           | WDW 210033 WDW 210033     | DE 160021  | WDW 160004 | 0.7          |                 |           |              | 8172               | 10770             | 10361      | 8270         | 9344            | 9657      | 8326         | 9151       | 8532  |  |
| 15           | WDW 240006 JESICA         | DE 190006  | WDW 200032 | 3.6          |                 |           |              | 9262               | 10257             | 9443       | 9542         | 8832            | 9243      | 10424        | 9339       | 10830 |  |
| 16           | WDW 240032 DUETT          | DE 190006  | WDW 200008 | 3.5          |                 |           |              | 8864               | 10356             | 9740       | 9240         | 8332            | 9043      | 10624        | 9239       | 10930 |  |

# Selection List on Cow Value

## Bull calves younger than 2 years

| ID<br><div>Sorted on ID</div> | Name      | Sire ID        | Dam ID     | % Inbreeding | Horned / Polled | Myostatin<br>n1821<br>F94L | Genomic test | Calving Ease 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                             | PN 250021 | MATT 25021     | 86G        | PN 230008    | 0.4             |                            |              | 97                        | 53                       | 112               | 64                  | 108                    | 37               | 95  | 40                  | 101               | 25                   | 114 | 41 |  |  |  |  | 123 | 20 |     |    |     |    |
| 2                             | PN 250028 | GAMEBOY 25028  | KCM 210159 | PN 220138    | 2.7             |                            |              | 84                        | 56                       | 112               | 51                  | 127                    | 42               | 86  | 40                  | 111               | 31                   | 118 | 40 |  |  |  |  | 120 | 26 | 119 | 37 | 118 | 30 |
| 3                             | PN 250083 | 25083          | KCM 210159 | PN 210057    | 2.7             |                            |              | 90                        | 57                       | 107               | 51                  | 125                    | 42               | 86  | 40                  | 111               | 31                   | 114 | 40 |  |  |  |  | 120 | 26 | 116 | 37 | 118 | 30 |
| 4                             | PN 250195 | JUNGLE 25195   | 241G       | WDW 200032   | 0.3             |                            |              | 100                       | 52                       | 113               | 38                  | 102                    | 34               | 90  | 38                  | 97                | 26                   | 111 | 33 |  |  |  |  |     |    |     |    | 106 | 18 |
| 5                             | PN 250196 | 25196          | KCM 210159 | PN 230088    | 1.8             |                            |              | 83                        | 52                       | 112               | 46                  | 119                    | 37               | 81  | 44                  | 106               | 27                   | 112 | 37 |  |  |  |  |     |    |     |    | 118 | 22 |
| 6                             | PN 260023 | MILAN 26023    | KCM 210159 | ACM 210042   | 0.9             |                            |              | 89                        | 56                       | 110               | 53                  | 111                    | 41               | 88  | 44                  | 116               | 28                   | 112 | 40 |  |  |  |  |     |    |     |    | 106 | 16 |
| 7                             | PN 260033 | DISCO 26033    | 241G       | PN 220104    | 0.2             |                            |              | 102                       | 47                       | 101               | 28                  | 123                    | 28               | 91  | 34                  | 100               | 19                   | 110 | 27 |  |  |  |  |     |    |     |    | 111 | 14 |
|                               |           |                |            |              |                 |                            |              | ★★★★☆                     |                          |                   |                     |                        |                  |     |                     |                   |                      |     |    |  |  |  |  |     |    |     |    |     |    |
| 1                             | PN 250008 | MAGIC 25008    | PN 220002  | PN 220075    | 2.1             |                            |              | 103                       | 46                       | 102               | 46                  | 117                    | 40               | 90  | 40                  | 100               | 31                   | 108 | 37 |  |  |  |  | 112 | 29 | 108 | 35 | 110 | 34 |
| 2                             | PN 250015 | 25015          | KCM 210159 | WDW 200008   | 1.3             |                            |              | 83                        | 59                       | 114               | 53                  | 109                    | 41               | 86  | 44                  | 95                | 31                   | 108 | 41 |  |  |  |  |     |    |     |    | 107 | 20 |
| 3                             | PN 250082 | MOON 25082     | KCM 210159 | PN 190055    | 1.9             |                            |              | 89                        | 57                       | 100               | 62                  | 116                    | 44               | 108 | 46                  | 97                | 28                   | 104 | 44 |  |  |  |  |     |    |     |    | 104 | 16 |
| 4                             | PN 250147 | GAMEDAY 25147  | KCM 210159 | PN 190029    | 2.0             |                            |              | 86                        | 57                       | 101               | 63                  | 121                    | 46               | 91  | 46                  | 101               | 30                   | 102 | 45 |  |  |  |  | 115 | 20 | 104 | 40 | 115 | 23 |
| 5                             | PN 260003 | ISTANBUL 26003 | KCM 210159 | PN 180013    | 0.9             |                            |              | 85                        | 57                       | 111               | 51                  | 116                    | 44               | 80  | 47                  | 97                | 32                   | 107 | 42 |  |  |  |  | 108 | 26 | 107 | 39 | 110 | 30 |
| 6                             | PN 260016 | MAGIC 26016    | PN 220002  | PN 220075    | 2.1             |                            |              | 104                       | 53                       | 100               | 46                  | 117                    | 40               | 90  | 40                  | 100               | 31                   | 107 | 38 |  |  |  |  | 112 | 29 | 107 | 36 | 110 | 34 |
| 7                             | PN 260052 | 26052          | KCM 210159 | PN 180014    | 0.9             |                            |              | 89                        | 58                       | 107               | 52                  | 106                    | 46               | 87  | 47                  | 98                | 32                   | 102 | 42 |  |  |  |  | 105 | 26 | 102 | 39 | 107 | 30 |
| 8                             | PN 260055 | MAMBA 26055    | PN 220002  | PN 230008    | 1.4             |                            |              | 104                       | 53                       | 98                | 45                  | 113                    | 38               | 96  | 42                  | 91                | 27                   | 102 | 37 |  |  |  |  | 107 | 23 | 102 | 34 | 105 | 28 |
| 9                             | PN 260056 | DINGO 26056    | 241G       | WDW 240032   | 0.3             |                            |              | 98                        | 49                       | 105               | 30                  | 107                    | 22               | 90  | 22                  | 97                | 20                   | 104 | 26 |  |  |  |  |     |    |     |    | 112 | 16 |
|                               |           |                |            |              |                 |                            |              | ★★★★                      |                          |                   |                     |                        |                  |     |                     |                   |                      |     |    |  |  |  |  |     |    |     |    |     |    |
| 1                             | PN 260044 | DUDE 26044     | PN 220002  | WDW 200008   | 1.2             |                            |              | 101                       | 49                       | 104               | 47                  | 100                    | 39               | 90  | 44                  | 83                | 30                   | 97  | 38 |  |  |  |  | 97  | 22 | 95  | 35 | 99  | 26 |
| 2                             | PN 260045 | DAX 26045      | PN 220002  | WDW 200008   | 1.2             |                            |              | 101                       | 49                       | 104               | 47                  | 100                    | 39               | 90  | 44                  | 83                | 30                   | 97  | 38 |  |  |  |  | 97  | 22 | 95  | 35 | 99  | 26 |
| 3                             | PN 260057 | AXEL 26057     | PN 220002  | WDW 200035   | 1.0             |                            |              | 105                       | 57                       | 94                | 48                  | 104                    | 40               | 92  | 45                  | 99                | 30                   | 95  | 40 |  |  |  |  | 90  | 20 | 92  | 36 | 92  | 26 |

Selection List on Cow Value  
Heifers 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<br>Ease<br>Value<br>Acc | Calf<br>Growth<br>Value<br>Acc | Milk<br>Value<br>Acc | Maint.<br>Value<br>Acc | Fertility<br>Value<br>Acc | Cow<br>Value<br>Acc |       | Growth<br>Value<br>Acc | Prod<br>Value<br>Acc | Carcass<br>Value<br>Acc |
|--------------------|-----------|-----------------|------------|--------------|-----------------|----------------------------|--------------|---------------------------------|--------------------------------|----------------------|------------------------|---------------------------|---------------------|-------|------------------------|----------------------|-------------------------|
|                    |           |                 |            |              |                 |                            |              |                                 |                                |                      |                        |                           |                     |       |                        |                      |                         |
|                    |           |                 |            |              |                 |                            |              |                                 |                                |                      |                        |                           |                     | ★★★★★ |                        |                      |                         |
| 1                  | PN 250159 | MATRIARCH 25159 | KCM 210159 | PN 220087    | 2.7             |                            |              | 8357                            | 11661                          | 12744                | 8245                   | 11031                     | 12044               |       | 12226                  | 12240                | 12130                   |
|                    |           |                 |            |              |                 |                            |              |                                 |                                |                      |                        |                           |                     | ★★★★★ |                        |                      |                         |
| 1                  | PN 250009 | HAZEL 25009     | PN 220069  | ACM 210042   | 2.8             |                            |              | 9446                            | 11047                          | 11441                | 8945                   | 11330                     | 11538               |       | 11728                  | 11636                | 11230                   |
| 2                  | PN 250136 | VIOLA 25136     | KCM 210159 | WDW 210052   | 2.3             |                            |              | 7958                            | 11665                          | 11845                | 8246                   | 10030                     | 11245               |       |                        |                      | 10719                   |
| 3                  | PN 250153 | MATRIARCH 25153 | KCM 210159 | PN 220077    | 2.7             |                            |              | 8557                            | 10861                          | 12644                | 9145                   | 10931                     | 11544               |       | 12026                  | 11740                | 11930                   |
| 4                  | PN 260041 | MATRIARCH 26041 | 241G       | PN 190030    | 0.3             |                            |              | 9551                            | 10633                          | 12732                | 8736                   | 9824                      | 11331               |       |                        |                      | 11621                   |
|                    |           |                 |            |              |                 |                            |              |                                 |                                |                      |                        |                           |                     | ★★★★★ |                        |                      |                         |
| 1                  | PN 250022 | MARTHA 25022    | PN 220002  | PN 220104    | 1.8             |                            |              | 10653                           | 9556                           | 11739                | 9343                   | 9126                      | 10040               |       | 9820                   | 9936                 | 10224                   |
| 2                  | PN 250023 | MATRIARCH 25023 | PN 220002  | PN 190030    | 2.0             |                            |              | 10256                           | 10158                          | 11942                | 8744                   | 8930                      | 10342               |       | 11024                  | 10438                | 10928                   |
| 3                  | PN 250037 | LUCILLE 25037   | KCM 210159 | PN 210103    | 1.0             |                            |              | 8556                            | 10846                          | 11437                | 8943                   | 9727                      | 10638               |       |                        |                      | 10620                   |
| 4                  | PN 250064 | LUCILLE 25064   | KCM 210159 | ACM 160009   | 1.1             |                            |              | 9259                            | 10265                          | 11645                | 10047                  | 9829                      | 10645               |       |                        |                      | 10220                   |
| 5                  | PN 250101 | BLACKIE 25101   | KCM 210159 | WDW 210033   | 2.2             |                            |              | 8259                            | 11065                          | 11243                | 8345                   | 10331                     | 10645               |       |                        |                      | 9819                    |
| 6                  | PN 250173 | IRIS 25173      | KCM 210159 | PN 200120    | 0.9             |                            |              | 8456                            | 11061                          | 11244                | 8346                   | 10229                     | 10644               |       | 11420                  | 10839                | 11626                   |
|                    |           |                 |            |              |                 |                            |              |                                 |                                |                      |                        |                           |                     | ★★★★  |                        |                      |                         |
| 1                  | PN 260059 | JESSICA 26059   | PN 220002  | WDW 240006   | 1.1             |                            |              | 10245                           | 9943                           | 10035                | 9435                   | 9026                      | 9534                |       | 10020                  | 9531                 | 10225                   |

