

# BEEFMASTER

## GENOMIC BREEDING VALUE REPORT

September 2026



### CREATIVE BEEFMASTERS

Herd Number: 707949

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**BEEFMASTER**  
CATTLE BREEDERS' SOCIETY OF SA  
BEESTELERSGENOOTSAP VAN SA



# EBVs, EBVi's and GEBVs

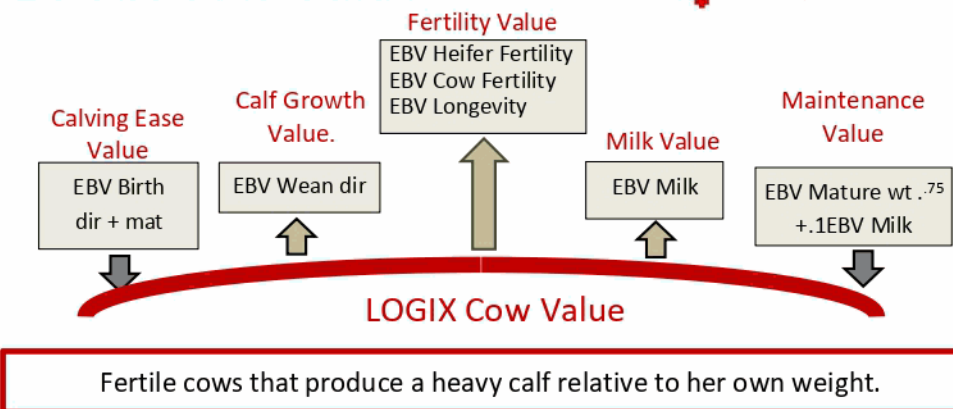
**EBVi (Breeding Value Index):** Genetic potential relative to the average (100) of the live (active) animals in the breed. Roughly 50% of the animals have values between 90 and 110. Values above 100, depending on the trait, tend to be in the more favourable direction.

**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 Carcass Value



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

### LOGIX Production Value



80% LOGIX Cow Value +  
20% LOGIX Growth Value

## How to use the Cow Value

Selection values should be compatible with your selection goal.

### AVERAGE ANIMALS

(NO GROWTH EXTREMES)

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

### GROWERS

(GOOD ENVIRONMENT)

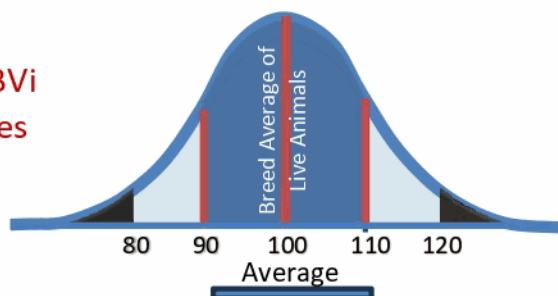
- WeanerCalf / Growth Value > 120
  - Cow Value and Fertility Value average to high
- Growers are usually heavier at birth (lower Calving Ease Value), and maturity (lower Maintenance Value).

### 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 | Weaner Calf 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        |

# Contemporary Groups

The correct composition of contemporary groups is one of the cornerstones of BLUP breeding value estimation. Breeding values are estimated from the differences between animals exposed to the same environment, **as these differences are caused by genetics**. The following aspects are important:

## 1. Animals at the same time, place and treatment

A contemporary group is a comparable group of animals measured at the same time in the same environment. It is therefore a comparable group of animals that were together on the same farm or camp in the same year and season. If there are animals in the group that were treated differently, they should be given a separate treatment code because their performance is influenced by other environmental influences than the rest of the group. Examples of possible different treatments are when some animals received supplements or creep feed, sale or show animals, embryo donors, sick or foster calves or even purchased cows and calves. If bull and heifer calves or older cows and young heifers were in the same camp, they should be placed in the same group – corrections for sex, age and first calving of cows are automatically made during breeding value estimation.

## 2. Progeny of at least two sires, of which one is a link sire

The progeny of different sires needs to be compared in the same group in order to determine the sires' genetic merit relative to each other. At least one sire should be a link sire with progeny in other herds. Genetic links between herds are used to determine the position of sires in the breed. All sires are good link sires. Smaller herds could artificially inseminate some cows or allow some cows to be covered by another herd's bull.

## 3. Larger groups stabilise Breeding Values

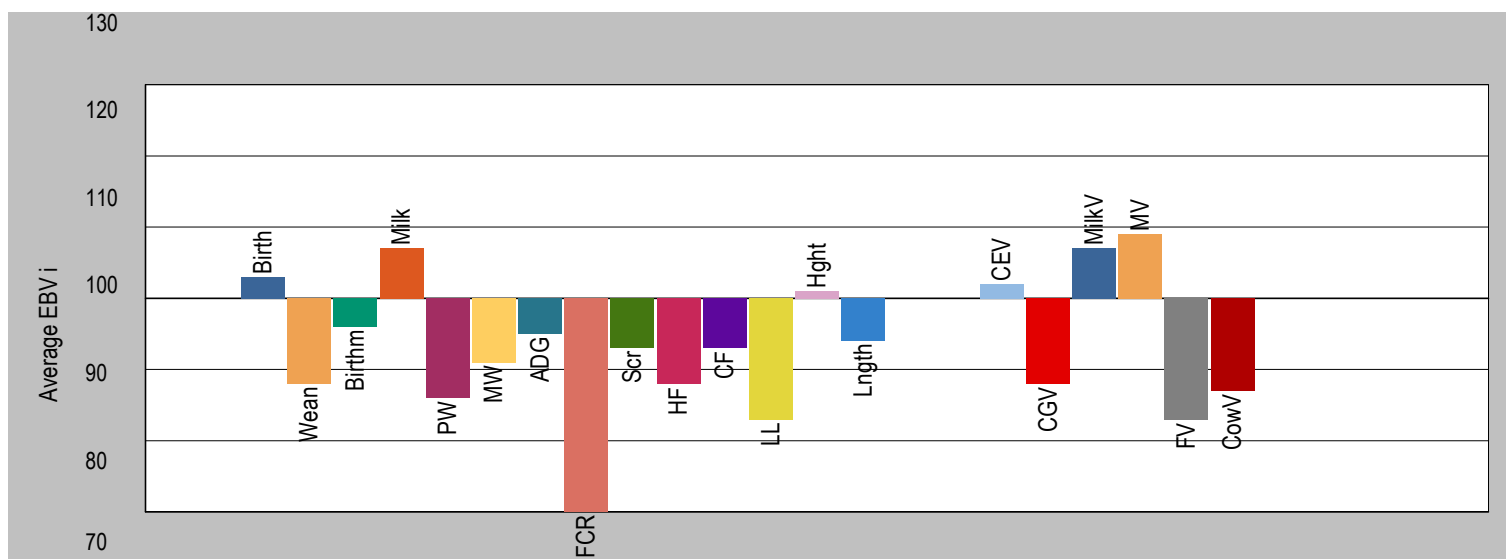
Larger groups result in more accurate and stable breeding values, as the mean and distribution of the group can be more accurately determined and are thus more representative. Groups should preferably have more than 5 animals. Weigh all the animals in the same group on the same day, as corrections for age differences are made during genetic evaluation. The use of breeding seasons rather than through the year calving will also increase contemporary group size. Groups with less than 3 animals are not included in breeding value estimation. An accidental mistake in a small group affects the animal itself, its family, all the other animals in the group and their families. The effect could be much less in large groups.

## 4. Measure all animals in the contemporary group

Weigh ALL the animals in the contemporary group, the good as well as the poor performers. Weigh animals before they are culled, so their parents can be penalized for their poor breeding.



## Herd and Breed Averages



### Breeding Values:

|         |                       |        |                  |
|---------|-----------------------|--------|------------------|
| Birth:  | Birth weight          | Scr:   | Scrotal circumf. |
| Wean:   | Weaning weight        | HF:    | Heifer Fertility |
| Birthm: | Birth maternal        | CF:    | Cow Fertility    |
| Milk:   | Milk                  | LL:    | Longevity        |
| PW:     | Post-wean weight      | Hght:  | Height           |
| MW:     | Mature weight         | Lngth: | Length           |
| ADG:    | Average Daily Gain    | EMA:   | Eye Muscle Area  |
| FCR:    | Feed Conversion Ratio | RMV:   | Carcass Value    |
|         |                       | Marb:  | Marbling         |

### Selection Values:

|          |                       |
|----------|-----------------------|
| CEV:     | Calving Ease Value    |
| CGV:     | Calf Growth Value     |
| MilkV:   | Milk Value            |
| MV:      | Maintenance Value     |
| FV:      | Fertility Value       |
| CowV:    | Cow Value (CV)        |
| GrowthV: | Growth Value (GV)     |
| ProdV:   | Production Value (PV) |

|                 | Trait            | EBV Herd | EBV Index | EBV Breed |
|-----------------|------------------|----------|-----------|-----------|
| Prewean Growth  | Birth Weight     | 0.11     | 103       | 0.34      |
|                 | Wean Weight      | 5.4      | 88        | 12.1      |
|                 | Birth Mat.       | 0.12     | 96        | -0.05     |
|                 | Milk (Wn.Mat.)   | 0.5      | 107       | -1.4      |
| Postwean Growth | Postwean Wt      | 8.5      | 86        | 19.0      |
|                 | Mature Weight    | -3       | 91        | 7         |
|                 | ADG              | 56       | 95        | 72        |
|                 | FCR              | 19       | 47        | -39       |
| Fertility       | Scrotal Circumf. | 7.0      | 93        | 11.1      |
|                 | Heifer Fertility | 1.5      | 88        | -7.5      |
|                 | Cow Fertility    | -2.7     | 93        | -4.1      |
|                 | Longevity        | 4.1      | 83        | 14.8      |
| Frame           | Height           | 2        | 101       | 1         |
|                 | Length           | 7        | 94        | 13        |
| Carcass         | EMA              |          |           | 0.85      |
|                 | Fat              |          |           | 0.11      |
|                 | Marbling         |          |           | 0.30      |

| Selection Value  | Ave. Herd |
|------------------|-----------|
| Calving Ease     | 102       |
| Calf Growth      | 88        |
| Milk             | 107       |
| Maintenance      | 109       |
| Fertility        | 83        |
| Cow Value        | 87        |
| Growth Value     |           |
| Production Value |           |
| Carcass Value    |           |

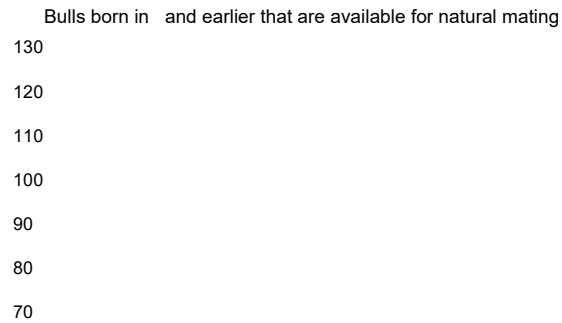
- Average of live animals in the breed: 100
- Above 100: **more favourable**,
- Below 100: **less favourable**

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

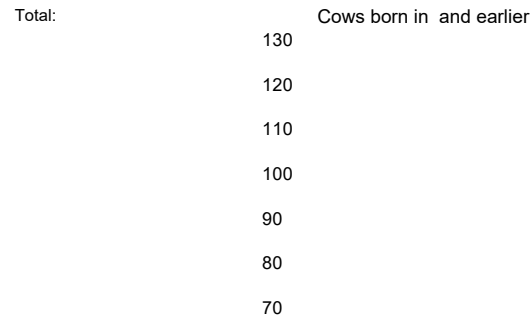
|               |                                                                  |
|---------------|------------------------------------------------------------------|
| Calving ease: | Smaller calf at birth - easier calving                           |
| Calf growth:  | Heavier calves at wean due to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

# Genetic Windows

## Bulls on the farm



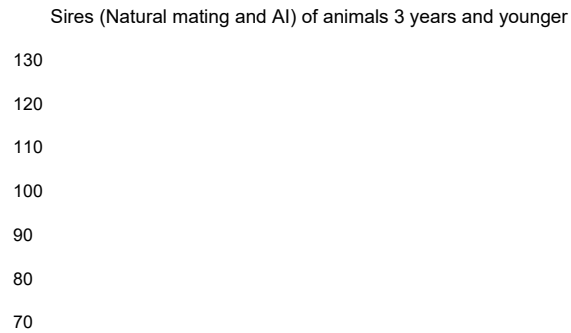
## Animals available for breeding



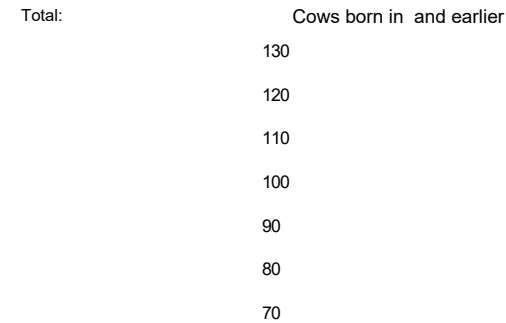
## Cow Herd

Total:

## Sires of young animals



## Results of previous selection decisions

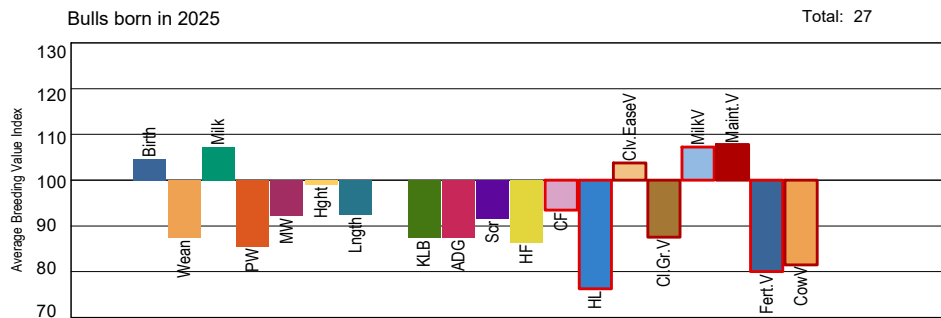


## Cows older than 6 years

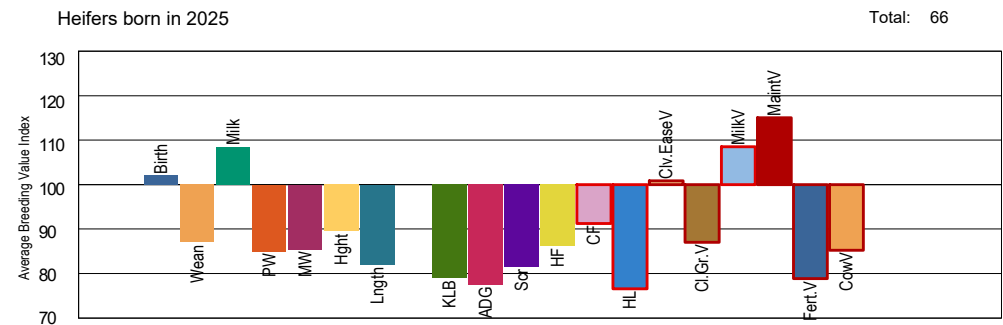
Total:

## Selection possibilities

### Bull calves



### Heifer calves

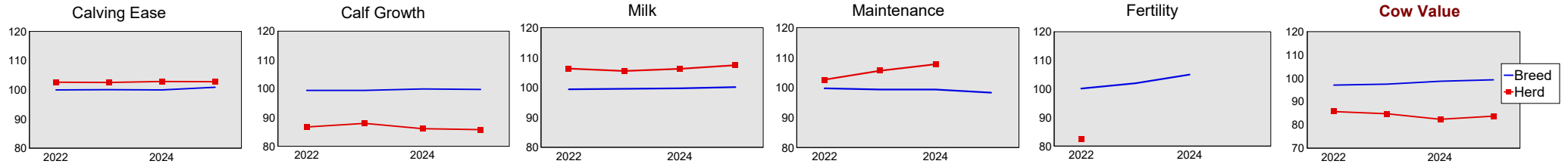


## Summary of Cow Herd

|                        |          |                   | Selection Values (SV) |            |      |        |           |           |              |            | Calf Weight  |             | Dam        |               | Growth & Efficiency |               |     |         | Fertiity         |                  |               |           | Frame  |        |    |
|------------------------|----------|-------------------|-----------------------|------------|------|--------|-----------|-----------|--------------|------------|--------------|-------------|------------|---------------|---------------------|---------------|-----|---------|------------------|------------------|---------------|-----------|--------|--------|----|
| Birth Year             | No. Cows | Average Cow Value | Calving Ease          | Calf Grwth | Milk | Maint. | Fertility | Cow Value | Growth Value | Prod Value | Birth Weight | Wean Weight | Birth Mat. | Milk (Wn.Mat) | Postwn Weight       | Mature Weight | ADG | Kleiber | Scrotal Circumf. | Heifer Fertility | Cow Fertility | Longevity | Height | Length |    |
| Cows in Breed Average: |          |                   | 100                   | 99         | 100  | 101    | 100       | 100       | 99           | 100        | 100          | 99          | 100        | 99            | 100                 | 99            | 99  | 99      | 99               | 99               | 100           | 100       | 100    | 99     | 99 |
| 2014                   | 14       | ★★★☆☆             | 98                    | 88         | 104  | 107    | 88        | 84        |              |            | 101          | 88          | 93         | 104           | 86                  | 91            | 85  | 86      | 87               | 88               | 95            | 93        | 95     | 88     |    |
| 2015                   | 7        | ★★★               | 111                   | 83         | 106  | 114    | 89        | 74        |              |            | 110          | 83          | 101        | 106           | 82                  | 88            |     |         |                  | 88               | 94            | 95        |        |        |    |
| 2016                   | 8        | ★★★☆☆             | 102                   | 90         | 105  | 101    | 87        | 84        |              |            | 102          | 90          | 97         | 105           | 88                  | 98            |     |         |                  | 86               | 89            | 94        |        |        |    |
| 2017                   | 16       | ★★★★              | 102                   | 89         | 107  | 111    | 93        | 95        |              |            | 103          | 89          | 95         | 107           | 87                  | 88            | 86  | 89      | 87               | 98               | 96            | 91        | 96     | 88     |    |
| 2018                   | 7        | ★★★★              | 105                   | 92         | 112  | 103    | 92        | 98        |              |            | 104          | 92          | 101        | 112           | 91                  | 96            | 94  | 92      | 96               | 92               | 95            | 95        | 106    | 99     |    |
| 2019                   | 12       | ★★★★              | 97                    | 90         | 115  | 104    | 91        | 94        |              |            | 98           | 90          | 96         | 115           | 88                  | 96            | 84  | 83      | 88               | 92               | 96            | 93        | 98     | 90     |    |
| 2020                   | 17       | ★★★☆☆             | 99                    | 89         | 105  | 112    | 86        | 83        |              |            | 99           | 89          | 98         | 105           | 87                  | 89            | 86  | 86      | 90               | 88               | 93            | 89        | 98     | 91     |    |
| 2021                   | 13       | ★★★★              | 106                   | 84         | 113  | 112    | 88        | 97        |              |            | 108          | 84          | 93         | 113           | 83                  | 88            | 78  | 80      | 82               | 97               | 92            | 86        | 89     | 81     |    |
| 2022                   | 17       | ★★★★              | 101                   | 88         | 106  | 112    | 90        | 91        |              |            | 103          | 88          | 94         | 106           | 86                  | 88            | 67  | 69      | 74               | 97               | 95            | 88        | 79     | 71     |    |
| 2023                   | 73       | ★★★☆☆             | 100                   | 87         | 106  | 112    | 79        | 82        |              |            | 101          | 87          | 96         | 106           | 85                  | 88            | 82  | 83      | 87               | 87               | 92            | 77        | 92     | 86     |    |
| 2024                   | 91       | ★★★☆☆             | 102                   | 86         | 107  | 112    | 78        | 83        |              |            | 103          | 86          | 95         | 107           | 83                  | 88            | 79  | 80      | 85               | 86               | 91            | 76        | 90     | 83     |    |
| 2025                   | 66       | ★★★☆☆             | 101                   | 87         | 108  | 115    | 79        | 85        |              |            | 102          | 87          | 95         | 108           | 85                  | 85            | 78  | 79      | 82               | 86               | 91            | 77        | 90     | 82     |    |
| Cows in Herd Average:  |          |                   | 102                   | 88         | 108  | 110    | 87        | 88        |              |            | 103          | 88          | 96         | 108           | 86                  | 90            | 82  | 83      | 86               | 90               | 93            | 88        | 93     | 86     |    |

# 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.



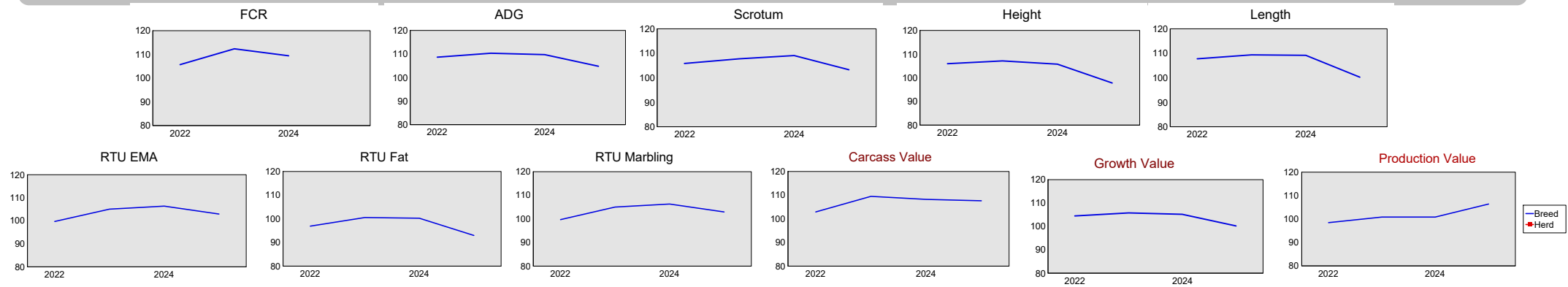
## Herd

| Birth Year | Calving Ease |      |            |         | Calf Growth |                |             | Milk           |        |                 | Maintenance |               |        |              | Fertility    |        |           |        |           |        | Cow Value |             |     |        |     |
|------------|--------------|------|------------|---------|-------------|----------------|-------------|----------------|--------|-----------------|-------------|---------------|--------|--------------|--------------|--------|-----------|--------|-----------|--------|-----------|-------------|-----|--------|-----|
|            | Birth Weight |      | Calv. Ease | Dir EBV | Mat EBV     | Weaning Weight | Calf Growth | Milk (Wn.Mat.) |        | Postwean Weight |             | Mature Weight |        | Maine- nance | Heifer Fert. |        | Cow Fert. |        | Longevity |        |           | Ferti- lity |     |        |     |
|            | Number       | EBV  |            |         |             | Number         |             | EBV            | Number | EBV             | Number      | EBV           | Number |              | EBV          | Number | EBV       | Number | EBV       | Number |           |             | EBV | Number | EBV |
| 2022       | 193          | 0.02 | 0.14       | 103     |             | 142            | 4.4         | 87             |        | 142             | 0.35        | 106           | 60     | 11.2         |              | 103    | 25        | 3.4    |           |        | 15        | 3.0         | 83  |        | 86  |
| 2023       | 181          | 0.06 | 0.11       | 102     |             | 179            | 5.1         | 88             |        | 179             | 0.13        | 105           | 106    | 10.0         |              | 106    |           |        |           |        |           |             |     |        | 85  |
| 2024       | 168          | 0.02 | 0.14       | 103     |             | 168            | 4.1         | 86             |        | 168             | 0.34        | 106           | 109    | 8.0          |              | 108    |           |        |           |        |           |             |     |        | 82  |
| 2025       | 137          | 0.03 | 0.12       | 103     |             | 134            | 3.9         | 86             |        | 134             | 0.68        | 107           |        |              |              |        |           |        |           |        |           |             |     |        | 84  |
|            |              |      |            |         |             |                |             |                |        |                 |             |               |        |              |              |        |           |        |           |        |           |             |     |        |     |

## Breed

| Birth Year | Calving Ease |      |            |         | Calf Growth |                |             | Milk           |      |                 | Maintenance   |        |             |              |           |     | Fertility |     |           |        |      |        |       |     | Cow Value |     |
|------------|--------------|------|------------|---------|-------------|----------------|-------------|----------------|------|-----------------|---------------|--------|-------------|--------------|-----------|-----|-----------|-----|-----------|--------|------|--------|-------|-----|-----------|-----|
|            | Birth Weight |      | Calv. Ease | Dir EBV | Mat EBV     | Weaning Weight | Calf Growth | Milk (Wn.Mat.) | Milk | Postwean Weight | Mature Weight |        | Maintenance | Heifer Fert. | Cow Fert. |     | Longevity |     | Fertility |        |      |        |       |     |           |     |
|            | Number       | EBV  |            |         |             | Number         |             | EBV            |      | Number          | EBV           | Number |             | EBV          | Number    | EBV | Number    | EBV |           | Number | EBV  | Number | EBV   |     |           |     |
| 2016       | 13219        | 0.14 | 0.07       | 102     |             | 12679          | 9.1         | 95             |      | 12679           | -1.48         | 100    | 8440        | 15.3         | 1794      | 3   | 102       |     | 3547      | -3.4   | 2382 | -3.3   | 17317 | 7.0 | 92        | 91  |
| 2017       | 13995        | 0.13 | 0.10       | 101     |             | 13543          | 9.5         | 95             |      | 13543           | -1.37         | 100    | 9155        | 16.1         | 1876      | 5   | 102       |     | 3705      | -3.9   | 2610 | -3.3   | 17744 | 7.7 | 93        | 92  |
| 2018       | 14638        | 0.19 | 0.05       | 101     |             | 14085          | 10.0        | 96             |      | 14085           | -1.34         | 100    | 9471        | 16.9         | 2043      | 6   | 101       |     | 3752      | -4.9   | 2671 | -3.5   | 18478 | 8.4 | 96        | 93  |
| 2019       | 14156        | 0.27 | 0.02       | 100     |             | 13892          | 10.8        | 98             |      | 13892           | -1.52         | 100    | 9219        | 18.0         | 2528      | 6   | 101       |     | 4491      | -5.8   | 3152 | -3.8   | 18218 | 9.0 | 97        | 94  |
| 2020       | 15148        | 0.25 | 0.00       | 101     |             | 15376          | 10.8        | 98             |      | 15376           | -1.55         | 99     | 10390       | 17.9         | 2588      | 6   | 100       |     | 4524      | -5.8   | 3018 | -3.8   | 19306 | 9.7 | 97        | 94  |
| 2021       | 16009        | 0.27 | 0.04       | 100     |             | 16004          | 10.8        | 98             |      | 16004           | -1.35         | 100    | 10852       | 18.0         | 2635      | 6   | 100       |     | 4750      | -5.2   | 2794 | -3.8   | 18490 | 8.9 | 97        | 95  |
| 2022       | 17601        | 0.32 | -0.01      | 100     |             | 16942          | 11.8        | 99             |      | 16942           | -1.58         | 99     | 11576       | 19.5         | 2295      | 8   | 100       |     | 4355      | -6.7   | 1065 | -4.2   | 8636  | 9.8 | 100       | 97  |
| 2023       | 18573        | 0.32 | -0.02      | 100     |             | 18307          | 11.8        | 99             |      | 18307           | -1.53         | 100    | 11750       | 19.7         | 741       | 11  | 99        |     | 2183      | -7.2   | 100  | -4.8   |       |     | 102       | 98  |
| 2024       | 18117        | 0.35 | -0.05      | 100     |             | 16963          | 12.1        | 100            |      | 16963           | -1.48         | 100    | 9904        | 20.0         | 3         | 6   | 99        |     | 166       | -7.7   |      |        |       |     | 105       | 99  |
| 2025       | 17947        | 0.27 | -0.03      | 101     |             | 15468          | 12.0        | 100            |      | 15468           | -1.38         | 100    | 2468        | 22.0         |           |     | 98        |     |           |        |      |        |       |     |           | 99  |
| 2026       | 5644         | 0.19 | 0.00       | 102     |             | 192            | 13.1        | 102            |      | 192             | -1.95         | 98     |             |              |           |     |           |     |           |        |      |        |       |     |           | 100 |

# Genetic Trends for Growth Test Traits



## Herd

| Birth Year | Growth |     |      |        |     |      |         |     |      | Frame  |     |      |        |     |      | Carcass    |     |      |     |      |          | Selection Values |               |              |            |
|------------|--------|-----|------|--------|-----|------|---------|-----|------|--------|-----|------|--------|-----|------|------------|-----|------|-----|------|----------|------------------|---------------|--------------|------------|
|            | FCR    |     |      | ADG    |     |      | Scrotum |     |      | Height |     |      | Length |     |      | EMA        |     |      | Fat |      | Marbling |                  | Carcass Value | Growth Value | Prod Value |
|            | Number | EBV | EBVi | Number | EBV | EBVi | Number  | EBV | EBVi | Number | EBV | EBVi | Number | EBV | EBVi | RTU Number | EBV | EBVi | EBV | EBVi | EBV      | EBVi             |               |              |            |
| 2022       |        |     |      |        |     |      |         |     |      |        |     |      |        |     |      |            |     |      |     |      |          |                  |               |              |            |
| 2023       |        |     |      |        |     |      |         |     |      |        |     |      |        |     |      |            |     |      |     |      |          |                  |               |              |            |
| 2024       |        |     |      |        |     |      |         |     |      |        |     |      |        |     |      |            |     |      |     |      |          |                  |               |              |            |
| 2025       |        |     |      |        |     |      |         |     |      |        |     |      |        |     |      |            |     |      |     |      |          |                  |               |              |            |

## Breed

| Birth Year | Growth |     |      |        |     |      |         |      | Frame |        |     |      |        |     | Carcass |        |      |      |       |      | Selection Values |          |     |              |              |            |
|------------|--------|-----|------|--------|-----|------|---------|------|-------|--------|-----|------|--------|-----|---------|--------|------|------|-------|------|------------------|----------|-----|--------------|--------------|------------|
|            | FCR    |     |      | ADG    |     |      | Scrotum |      |       | Height |     |      | Length |     |         | RTU    |      | EMA  |       | Fat  |                  | Marbling |     | Cracss Value | Growth Value | Prod Value |
|            | Number | EBV | EBVi | Number | EBV | EBVi | Number  | EBV  | EBVi  | Number | EBV | EBVi | Number | EBV | EBVi    | Number | EBV  | EBVi | EBV   | EBVi | EBV              | EBVi     |     |              |              |            |
| 2017       | 62     | -38 | 100  | 1015   | 76  | 101  | 979     | 12.8 | 103   | 953    | 4   | 105  | 953    | 15  | 102     | 101    | 0.00 | 91   | 0.00  | 98   | 0.00             | 95       | 93  | 97           | 91           |            |
| 2018       | 16     | -50 | 110  | 835    | 94  | 106  | 830     | 14.6 | 106   | 830    | 6   | 107  | 830    | 18  | 105     | 33     | 1.18 | 103  | 0.28  | 103  | 0.55             | 104      | 108 | 102          | 93           |            |
| 2019       | 13     | -43 | 103  | 772    | 95  | 106  | 773     | 14.5 | 106   | 767    | 6   | 108  | 766    | 19  | 106     | 32     | 0.58 | 97   | -0.14 | 96   | 0.44             | 102      | 100 | 101          | 94           |            |
| 2020       | 15     | -50 | 110  | 1035   | 102 | 108  | 1026    | 15.8 | 108   | 960    | 6   | 108  | 960    | 21  | 108     | 60     | 1.56 | 107  | -0.22 | 94   | 0.67             | 107      | 109 | 104          | 96           |            |
| 2021       | 20     | -40 | 101  | 1162   | 102 | 108  | 1151    | 15.5 | 108   | 1048   | 5   | 107  | 1048   | 21  | 108     | 148    | 1.41 | 106  | -0.20 | 95   | 0.46             | 103      | 106 | 104          | 97           |            |
| 2022       | 20     | -45 | 106  | 1222   | 104 | 109  | 1266    | 14.4 | 106   | 1115   | 5   | 106  | 1115   | 21  | 108     | 147    | 1.11 | 103  | -0.08 | 97   | 0.28             | 100      | 103 | 104          | 99           |            |
| 2023       | 10     | -52 | 112  | 1270   | 110 | 110  | 1263    | 15.5 | 108   | 1127   | 5   | 107  | 1127   | 22  | 109     | 250    | 1.52 | 107  | 0.14  | 101  | 0.58             | 105      | 109 | 106          | 101          |            |
| 2024       | 11     | -49 | 109  | 918    | 108 | 110  | 945     | 16.3 | 109   | 790    | 5   | 106  | 790    | 22  | 109     | 127    | 1.57 | 107  | 0.12  | 100  | 0.66             | 106      | 108 | 105          | 101          |            |
| 2025       |        |     |      | 54     | 90  | 105  | 58      | 13.0 | 103   | 58     | 0   | 98   | 58     | 14  | 100     | 25     | 1.70 | 109  | -0.30 | 93   | 0.47             | 103      | 108 | 100          | 106          |            |
| 2026       |        |     |      |        |     |      |         |      |       |        |     |      |        |     |         |        |      |      |       |      |                  |          |     |              |              |            |

Sires

| Bull         |                                                                                               |           |        | Selection Values |                  |            |              |                 |           |              | Calf       |           | Dam      |            | Growth    |            |               |     | Fertility |         |                  |               | Frame       |        | Carcass |      |      | Measured Progeny |                  |                 |
|--------------|-----------------------------------------------------------------------------------------------|-----------|--------|------------------|------------------|------------|--------------|-----------------|-----------|--------------|------------|-----------|----------|------------|-----------|------------|---------------|-----|-----------|---------|------------------|---------------|-------------|--------|---------|------|------|------------------|------------------|-----------------|
| ID           | Index<br>EBV<br>Acc                                                                           | Sire ID   | Dam ID | Calv. Ease Value | Calf Grwth Value | Milk Value | Maint. Value | Fertility Value | Cow Value | Growth Value | Prod Value | Birth Dir | Wean Dir | Birth Mat. | Wean Mat. | Post wn wt | Mature weight | ADG | FCR       | Scrotal | Heifer Fertility | Cow Fertility | Long-evi ty | Height | Length  | EMA  | Fat  | Marbling         | Birth Grwth Test | Wean Dgt/Calvs. |
|              |                                                                                               |           |        | Name             |                  |            |              |                 |           |              |            |           |          |            |           |            |               |     |           |         |                  |               |             |        |         |      |      |                  |                  |                 |
| BC 151003    |                                                                                               | X 130039  |        | 114              | 83               | 91         |              | 96              |           |              |            | 113       | 83       | 96         | 91        | 79         |               |     |           | 107     | 96               | 92            |             |        |         |      |      |                  | 2                | 2               |
| BC151003     |                                                                                               |           |        | 53               | 60               | 31         |              | 26              |           |              |            | -0.76     | 2.3      | 0.10       | -3.9      | 3.0        |               |     |           | -13.0   | -3.2             | 9.5           |             |        |         |      |      |                  |                  |                 |
|              |                                                                                               |           |        |                  |                  |            |              |                 |           |              |            | 60        | 60       | 30         | 31        | 30         |               |     |           | 25      | 6                | 46            |             |        |         |      |      |                  |                  |                 |
| BC 161142    |  PB 120049   | BC 141179 |        | 96               | 124              | 82         | 88           | 111             | 107       | 112          | 104        | 93        | 124      | 108        | 82        | 116        | 113           | 116 | 111       | 119     | 103              | 117           | 107         | 107    | 111     | 116  | 101  | 114              | 8                | 9               |
| BMAMBC161142 |                                                                                               |           |        | 84               | 86               | 81         | 78           | 80              | 75        | 78           | 76         | 0.91      | 25.8     | -0.39      | -6.5      | 31.2       | 22            | 129 | -51       | 21.9    | -10.1            | -7.4          | 18.9        | 6      | 24      | 2.47 | 0.15 | 1.07             |                  |                 |
|              |                                                                                               |           |        |                  |                  |            |              |                 |           |              |            | 85        | 86       | 80         | 81        | 82         | 78            | 77  | 77        | 78      | 79               | 77            | 83          | 78     | 77      | 77   | 77   | 77               |                  |                 |
| BC 171516    |  X 090138    | X 077077  |        | 99               | 133              | 82         | 85           | 111             | 115       | 111          | 112        | 97        | 133      | 108        | 82        | 129        | 117           | 121 | 120       | 111     | 110              | 109           | 108         | 123    | 123     | 123  | 103  | 120              | 1                | 1               |
| BC171516     |                                                                                               |           |        | 81               | 82               | 79         | 77           | 78              | 73        | 76           | 74         | 0.61      | 31.2     | -0.37      | -6.3      | 41.8       | 26            | 149 | -60       | 17.2    | -15.0            | -5.8          | 19.9        | 15     | 35      | 3.10 | 0.29 | 1.44             |                  |                 |
|              |                                                                                               |           |        |                  |                  |            |              |                 |           |              |            | 82        | 82       | 79         | 79        | 80         | 77            | 77  | 76        | 77      | 77               | 76            | 80          | 77     | 77      | 76   | 76   | 76               |                  |                 |
| BC 181001    | TG 160084                                                                                     | X 060211  |        | 119              | 104              | 75         | 93           | 104             | 95        |              |            | 117       | 104      | 99         | 75        | 104        | 107           | 94  |           | 104     | 97               | 105           | 108         | 101    | 97      |      |      |                  | 1                | 1               |
| BC181001     |                                                                                               |           |        | 63               | 68               | 51         | 14           | 36              | 44        |              |            | -1.06     | 14.5     | -0.03      | -8.5      | 21.9       | 15            | 51  |           | 13.4    | -4.8             | -5.0          | 20.0        | 2      | 11      |      |      |                  |                  |                 |
|              |                                                                                               |           |        |                  |                  |            |              |                 |           |              |            | 67        | 68       | 49         | 51        | 49         | 14            | 18  |           | 33      | 33               | 18            | 57          | 23     | 21      |      |      |                  |                  |                 |
| BC 201007    | BC 171560                                                                                     | BC 121304 |        | 93               | 124              | 98         |              | 104             |           |              |            | 98        | 124      | 88         | 98        | 121        |               |     |           | 86      |                  | 118           |             |        |         |      |      |                  | 3                | 3               |
| BC201007     |                                                                                               |           |        | 55               | 61               | 32         |              | 19              |           |              |            | 0.53      | 26.0     | 0.44       | -1.9      | 35.2       |               |     |           | 3.5     |                  | 26.1          |             |        |         |      |      |                  |                  |                 |
|              |                                                                                               |           |        |                  |                  |            |              |                 |           |              |            | 62        | 61       | 31         | 32        | 35         |               |     |           | 7       |                  | 48            |             |        |         |      |      |                  |                  |                 |
| BC 201022    | BC 171146                                                                                     | BC 171121 |        | 96               | 95               | 102        | 110          | 103             | 102       |              |            | 93        | 95       | 112        | 102       | 92         | 92            | 92  |           | 100     | 108              | 100           | 102         | 91     | 89      |      |      |                  | 1                | 1               |
| BC201022     |                                                                                               |           |        | 60               | 64               | 44         | 18           | 33              | 42        |              |            | 0.94      | 9.4      | -0.52      | -0.7      | 13.2       | -2            | 41  |           | 10.9    | -14.0            | -4.0          | 15.8        | -4     | 3       |      |      |                  |                  |                 |
|              |                                                                                               |           |        |                  |                  |            |              |                 |           |              |            | 65        | 64       | 43         | 44        | 43         | 18            | 16  |           | 19      | 37               | 17            | 46          | 20     | 19      |      |      |                  |                  |                 |
| BC 201023    | TG 160084                                                                                     | BC 141054 |        | 122              | 99               | 80         | 94           | 92              | 87        |              |            | 119       | 99       | 99         | 80        | 96         | 105           | 95  |           | 106     | 74               | 100           | 105         | 103    | 100     |      |      |                  | 2                | 2               |
| BC201023     |                                                                                               |           |        | 63               | 68               | 47         | 10           | 33              | 42        |              |            | -1.27     | 11.5     | -0.03      | -7.0      | 16.1       | 13            | 53  |           | 14.3    | 12.5             | -4.1          | 17.7        | 3      | 13      |      |      |                  |                  |                 |
|              |                                                                                               |           |        |                  |                  |            |              |                 |           |              |            | 68        | 68       | 45         | 47        | 46         | 10            | 18  |           | 33      | 31               | 18            | 51          | 23     | 21      |      |      |                  |                  |                 |
| BC 201024    | BC 171540                                                                                     | BC 162001 |        | 94               | 121              | 94         |              | 106             |           |              |            | 94        | 121      | 100        | 94        | 117        |               |     |           | 93      |                  | 114           |             |        |         |      |      |                  | 1                | 1               |
| BC201024     |                                                                                               |           |        | 57               | 62               | 44         |              | 21              |           |              |            | 0.83      | 24.0     | -0.06      | -3.1      | 32.3       |               |     |           | -2.1    |                  | 23.6          |             |        |         |      |      |                  |                  |                 |
|              |                                                                                               |           |        |                  |                  |            |              |                 |           |              |            | 62        | 62       | 41         | 44        | 35         |               |     |           | 12      |                  | 46            |             |        |         |      |      |                  |                  |                 |
| BC 201027    | BC 171174                                                                                     | X 080002  |        | 85               | 116              | 85         | 89           | 98              | 88        |              |            | 83        | 116      | 111        | 85        | 113        | 111           | 106 |           | 101     | 91               | 98            | 106         | 113    | 109     |      |      |                  | 1                | 1               |
| BC201027     |                                                                                               |           |        | 61               | 65               | 48         | 14           | 35              | 42        |              |            | 1.77      | 21.5     | -0.50      | -5.6      | 29.3       | 20            | 96  |           | 12.0    | -0.7             | -3.7          | 18.2        | 9      | 22      |      |      |                  |                  |                 |
|              |                                                                                               |           |        |                  |                  |            |              |                 |           |              |            | 65        | 65       | 46         | 48        | 42         | 14            | 10  |           | 12      | 36               | 20            | 50          | 11     | 11      |      |      |                  |                  |                 |
| BC 201033    |  BC 171088 | BC 171239 |        | 81               | 125              | 102        | 76           | 107             | 103       | 133          | 105        | 78        | 125      | 122        | 102       | 128        | 128           | 143 | 143       | 114     | 110              | 103           | 105         | 125    | 120     | 123  | 105  | 120              | 15               | 15              |
| BC201033     |                                                                                               |           |        | 91               | 92               | 88         | 87           | 87              | 82        | 87           | 83         | 2.19      | 26.6     | -0.92      | -0.8      | 40.4       | 39            | 229 | -86       | 19.0    | -15.0            | -4.7          | 18.1        | 16     | 32      | 3.10 | 0.42 | 1.42             | 7                | 3               |
|              |                                                                                               |           |        |                  |                  |            |              |                 |           |              |            | 92        | 92       | 88         | 88        | 88         | 87            | 88  | 85        | 89      | 88               | 86            | 88          | 90     | 89      | 85   | 85   | 85               |                  |                 |
| BC 201107    | BC 171536                                                                                     | BC 141131 |        | 93               | 113              | 106        | 91           | 112             | 113       | 107          | 109        | 97        | 113      | 90         | 106       | 112        | 107           | 107 |           | 108     | 114              | 107           | 108         | 117    | 115     |      |      |                  | 2                | 2               |
| BC201107     |                                                                                               |           |        | 65               | 69               | 52         | 22           | 37              | 46        | 22           | 41         | 0.60      | 19.7     | 0.34       | 0.4       | 28.7       | 16            | 98  |           | 15.4    | -18.4            | -5.5          | 20.0        | 11     | 28      |      |      |                  |                  |                 |
|              |                                                                                               |           |        |                  |                  |            |              |                 |           |              |            | 69        | 69       | 49         | 52        | 50         | 22            | 38  |           | 42      | 39               | 20            | 51          | 42     | 41      |      |      |                  |                  |                 |

Sires

| Bull      |                     |                                                                                                                                                                                         | Selection Values |                  |            |              |                 |           |              | Calf       |           | Dam      |            | Growth    |            |               |     | Fertility |         |                  |               | Frame       |        | Carcass |      |       | Measured Progeny |                  |                |
|-----------|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|------------------|------------|--------------|-----------------|-----------|--------------|------------|-----------|----------|------------|-----------|------------|---------------|-----|-----------|---------|------------------|---------------|-------------|--------|---------|------|-------|------------------|------------------|----------------|
| ID        | Index<br>EBV<br>Acc | Sire ID<br>Dam ID                                                                                                                                                                       | Calv. Ease Value | Calf Grwth Value | Milk Value | Maint. Value | Fertility Value | Cow Value | Growth Value | Prod Value | Birth Dir | Wean Dir | Birth Mat. | Wean Mat. | Post wn wt | Mature weight | ADG | FCR       | Scrotal | Heifer Fertility | Cow Fertility | Long-evi ty | Height | Length  | EMA  | Fat   | Marbling         | Birth Grwth Test | Wean Dgt/Calvs |
|           |                     |                                                                                                                                                                                         | Name             |                  |            |              |                 |           |              |            |           |          |            |           |            |               |     |           |         |                  |               |             |        |         |      |       |                  |                  |                |
| BC 201509 |                     | BC 141089<br>BC 141547                                                                                                                                                                  | 116              | 102              | 97         | 86           | 101             | 98        |              |            | 118       | 102      | 88         | 97        | 102        | 114           |     |           |         | 94               | 98            | 111         |        |         |      |       |                  | 5                | 5              |
| BC201509  |                     |                                                                                                                                                                                         | 67               | 71               | 52         | 16           | 32              | 45        |              |            | -1.13     | 13.0     | 0.41       | -2.4      | 20.8       | 23            |     |           |         | -2.4             | -3.6          | 21.5        |        |         |      |       |                  |                  |                |
|           |                     |                                                                                                                                                                                         |                  |                  |            |              |                 |           |              |            | 72        | 71       | 50         | 52        | 46         | 16            |     |           |         | 32               | 11            | 52          |        |         |      |       |                  |                  |                |
| BC 211052 |                     | BC 181001<br>BC 141336                                                                                                                                                                  | 112              | 105              | 85         | 91           | 105             | 98        |              |            | 114       | 105      | 92         | 85        | 106        | 109           | 98  |           | 105     | 101              | 102           | 109         | 109    | 102     |      |       |                  | 1                | 1              |
| BC211052  |                     |                                                                                                                                                                                         | 56               | 61               | 40         | 7            | 23              | 36        |              |            | -0.79     | 14.9     | 0.28       | -5.7      | 24.1       | 17            | 65  |           | 13.8    | -7.9             | -4.4          | 20.5        | 7      | 15      |      |       |                  |                  |                |
|           |                     |                                                                                                                                                                                         |                  |                  |            |              |                 |           |              |            | 61        | 61       | 39         | 40        | 36         | 7             | 9   |           | 17      | 17               | 9             | 44          | 11     | 11      |      |       |                  |                  |                |
| BC 211066 |                     | BC 161135<br>BC 171028                                                                                                                                                                  | 94               | 104              | 89         | 90           | 89              | 78        |              |            | 95        | 104      | 99         | 89        | 99         | 109           |     |           |         | 81               | 92            | 101         |        |         |      |       |                  | 4                | 4              |
| BC211066  |                     |                                                                                                                                                                                         | 59               | 65               | 35         | 12           | 28              | 38        |              |            | 0.77      | 14.2     | 0.00       | -4.4      | 18.2       | 18            |     |           |         | 7.5              | -2.5          | 15.2        |        |         |      |       |                  |                  |                |
|           |                     |                                                                                                                                                                                         |                  |                  |            |              |                 |           |              |            | 66        | 65       | 35         | 35        | 36         | 12            |     |           |         | 26               | 13            | 44          |        |         |      |       |                  |                  |                |
| BC 211086 |                     |  BC 141092                                                                                             | 108              | 110              | 102        | 92           | 94              | 103       | 115          | 102        | 116       | 110      | 74         | 102       | 113        | 106           | 118 | 109       | 112     | 91               | 107           | 90          | 106    | 112     | 115  | 110   | 106              | 1                | 1              |
| BC211086  |                     |                                                                                                                                                                                         | 79               | 80               | 77         | 75           | 76              | 71        | 74           | 72         | -0.97     | 17.8     | 0.99       | -0.9      | 29.3       | 14            | 137 | -48       | 18.0    | -0.7             | -5.5          | 8.7         | 5      | 24      | 2.35 | 0.66  | 0.65             |                  |                |
|           |                     |                                                                                                                                                                                         |                  |                  |            |              |                 |           |              |            | 80        | 80       | 77         | 77        | 77         | 75            | 74  |           | 75      | 76               | 75            | 78          | 75     | 75      | 74   | 74    | 74               |                  |                |
| CM 190201 |                     |  120105<br> CM 150244 | 107              | 121              | 92         | 89           | 111             | 116       | 109          | 112        | 105       | 121      | 102        | 92        | 116        | 110           | 117 | 114       | 126     | 104              | 121           | 101         | 118    | 115     | 115  | 97    | 112              | 5                | 5              |
| CM19201   |                     |                                                                                                                                                                                         | 87               | 86               | 84         | 82           | 83              | 77        | 81           | 78         | -0.11     | 24.1     | -0.15      | -3.7      | 31.2       | 19            | 132 | -54       | 26.1    | -10.5            | -8.3          | 15.5        | 12     | 28      | 2.31 | -0.10 | 0.96             |                  |                |
|           |                     |                                                                                                                                                                                         |                  |                  |            |              |                 |           |              |            | 88        | 86       | 84         | 84        | 85         | 82            | 81  | 81        | 81      | 83               | 81            | 85          | 81     | 81      | 81   | 81    | 81               |                  |                |

# Breeding Values and Accuracies: Bulls

Green: >120 High  
White: 80-120 Average  
Orange: <80 Low

Inbreeding in red is high

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

| Animal                                |              |                   |  | Selection Values |                     |  |        |          |             |           |              | Birth       |               | Wean         |           |           |          | Growth    |                          |             | Fertility |     |               |                   | Frame              |                   | Carcass           |                 |                 |     |          |  |
|---------------------------------------|--------------|-------------------|--|------------------|---------------------|--|--------|----------|-------------|-----------|--------------|-------------|---------------|--------------|-----------|-----------|----------|-----------|--------------------------|-------------|-----------|-----|---------------|-------------------|--------------------|-------------------|-------------------|-----------------|-----------------|-----|----------|--|
| Index<br>EBV<br>Acc                   | % Inbreeding | Sire ID<br>Dam ID |  | Calv. Ease V     | Calf Growth V       |  | Milk V | Maint. V | Fertility V | Cow Value | Growth Value | Prod. Value | Carcass Value | Birth wt dir | Birth mat | Mature wt | Wean wt  | Wean mat  | Cow-Calf<br>Ratio (Wean) | Postwean wt | ADG       | FCR | Scrotal Circ. | Heifer Fertility  | Cow Fertility      | Longevity         | Height            | Length          | EMA             | Fat | Marbling |  |
| ID<br>Number<br>Name                  |              |                   |  |                  |                     |  |        |          |             |           |              |             |               |              |           |           |          |           |                          |             |           |     |               |                   |                    |                   |                   |                 |                 |     |          |  |
| BC 181201<br>88522511<br>BMAMBC181201 |              |                   |  | BC               | 141057              |  |        |          |             |           |              |             |               | 104<br>57    | 97<br>62  | 99<br>43  | 96<br>6  | 100<br>28 | 95<br>38                 |             |           |     |               | 96<br>8.6<br>7    | 109<br>-14.2<br>28 | 100<br>-4.1<br>16 | 95<br>11.5<br>41  | 104<br>4<br>7   | 101<br>15<br>7  |     |          |  |
| BC 211052<br>93080141<br>BC211052     |              |                   |  | BC               | 181001<br>BC 141336 |  |        |          |             |           |              |             |               | 112<br>56    | 105<br>61 | 85<br>40  | 91<br>7  | 105<br>23 | 98<br>36                 |             |           |     |               | 105<br>13.8<br>17 | 101<br>-7.9<br>17  | 102<br>-4.4<br>9  | 109<br>20.5<br>44 | 109<br>7<br>11  | 102<br>15<br>11 |     |          |  |
| BC 211528<br>93091239<br>BC211528     |              |                   |  | X                | 120171              |  |        |          |             |           |              |             |               | 97<br>54     | 98<br>58  | 102<br>41 | 99<br>6  | 84<br>28  | 84<br>36                 |             |           |     |               |                   | 95<br>-3.9<br>31   | 91<br>-2.3<br>16  | 80<br>2.3<br>37   |                 |                 |     |          |  |
| X 220027<br>94841863<br>X220027       |              |                   |  | BC               | 151520              |  |        |          |             |           |              |             |               | 110<br>51    | 94<br>55  | 106<br>41 |          | 81<br>14  |                          |             |           |     |               |                   | 78<br>9.8<br>11    |                   | 86<br>6.3<br>29   |                 |                 |     |          |  |
| X 220117<br>94842689<br>X220117       |              |                   |  | BC               | 141138              |  |        |          |             |           |              |             |               | 97<br>53     | 84<br>36  | 110<br>41 | 112<br>8 | 82<br>25  | 82<br>31                 |             |           |     |               |                   | 100<br>-7.6<br>29  | 87<br>-1.4<br>17  | 75<br>-0.5<br>29  |                 |                 |     |          |  |
| X 230004<br>96778857<br>X230004       |              |                   |  | BC               | 201022<br>BC 121311 |  |        |          |             |           |              |             |               | 111<br>55    | 82<br>59  | 104<br>43 | 105<br>9 | 100<br>21 | 93<br>36                 |             |           |     |               | 94<br>7.9<br>10   | 101<br>-8.6<br>19  | 94<br>-2.8<br>8   | 106<br>18.4<br>36 | 96<br>-1<br>10  | 88<br>2<br>9    |     |          |  |
| X 230005<br>96778865<br>X230005       |              |                   |  | BC               | 201509<br>BC 151155 |  |        |          |             |           |              |             |               | 120<br>59    | 91<br>62  | 94<br>47  | 94<br>8  | 86<br>26  | 83<br>39                 |             |           |     |               |                   | 68<br>17.4<br>27   | 92<br>-2.5<br>11  | 105<br>17.6<br>40 |                 |                 |     |          |  |
| X 230019<br>96778972<br>X230019       |              |                   |  | BC               | 161142<br>BC 201510 |  |        |          |             |           |              |             |               | 105<br>56    | 110<br>62 | 95<br>41  | 91<br>8  | 101<br>28 | 102<br>37                |             |           |     |               |                   | 92<br>-1.1<br>29   | 104<br>-4.9<br>13 | 107<br>19.0<br>41 |                 |                 |     |          |  |
| X 230022<br>96779004<br>X230022       |              |                   |  | BC               | 201033<br>BC 201100 |  |        |          |             |           |              |             |               | 101<br>59    | 101<br>64 | 111<br>45 | 86<br>17 | 95<br>30  | 95<br>41                 |             |           |     |               | 105<br>14.2<br>35 | 95<br>-3.6<br>36   | 91<br>-2.3<br>17  | 104<br>17.1<br>38 | 116<br>11<br>36 | 110<br>23<br>34 |     |          |  |
| X 230034<br>96779129<br>X230034       |              |                   |  | CM               | 190201<br>BC 161537 |  |        |          |             |           |              |             |               | 104<br>59    | 107<br>61 | 99<br>45  | 95<br>13 | 104<br>31 | 105<br>40                |             |           |     |               | 109<br>16.1<br>6  | 92<br>-1.2<br>35   | 112<br>-6.6<br>15 | 104<br>17.0<br>42 | 110<br>7<br>5   | 104<br>17<br>5  |     |          |  |
| X 230043<br>96779210<br>X230043       |              |                   |  | BC               | 201007<br>BC 141334 |  |        |          |             |           |              |             |               | 106<br>54    | 100<br>59 | 88<br>41  |          | 100<br>18 |                          |             |           |     |               | 93<br>-2.0<br>12  |                    | 117<br>25.5<br>38 |                   |                 |                 |     |          |  |
| X 230046<br>96779244<br>X230046       |              |                   |  | BC               | 181602              |  |        |          |             |           |              |             |               | 98<br>51     | 94<br>56  | 103<br>37 |          | 90<br>19  |                          |             |           |     |               |                   | 85<br>4.0<br>13    | 103<br>-4.7<br>13 | 89<br>7.8<br>30   |                 |                 |     |          |  |

# Breeding Values and Accuracies: Bulls

Green: >120 High  
White: 80-120 Average  
Orange: <80 Low

Inbreeding in red is high

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

| Animal               |              |          |           | Selection Values |               |        |          |             |           |              |             | Birth         |              | Wean       |           |           |           | Growth                |             |          | Fertility |               |                  |               | Frame     |           | Carcass |         |     |          |  |
|----------------------|--------------|----------|-----------|------------------|---------------|--------|----------|-------------|-----------|--------------|-------------|---------------|--------------|------------|-----------|-----------|-----------|-----------------------|-------------|----------|-----------|---------------|------------------|---------------|-----------|-----------|---------|---------|-----|----------|--|
| Index<br>EBV<br>Acc  | % Inbreeding | Sire ID  | Dam ID    | Calv. Ease V     | Calv Growth V | Milk V | Maint. V | Fertility V | Cow Value | Growth Value | Prod. Value | Carcass Value | Birth wt dir | Birth mat  | Mature wt | Wean wt   | Wean mat  | Cow-Calf Ratio (Wean) | Postwean wt | ADG      | FCR       | Scrotal Circ. | Heifer Fertility | Cow Fertility | Longevity | Height    | Length  | EMA     | Fat | Marbling |  |
| ID<br>Number<br>Name |              |          |           |                  |               |        |          |             |           |              |             |               |              |            |           |           |           |                       |             |          |           |               |                  |               |           |           |         |         |     |          |  |
| X 230050             | BC 161142    | 96779277 | BC 201057 | 9555             | 10062         | 9340   | 1028     | 10427       | 9637      |              |             |               | 960.6561     | 960.1036   | 9638      | 10012.162 | 93-3.340  | 942837                | 9615.836    |          |           |               | 98-6.129         | 106-5.213     | 10518.140 |           |         |         |     |          |  |
| X 230051             | BC 201033    | 96779285 | BC 201092 | 8357             | 11162         | 10841  | 8717     | 9629        | 9339      |              |             |               | 831.7762     | 106-0.2938 | 1122017   | 11118.562 | 1080.741  | 1116840               | 11228.444   | 11412431 |           |               | 10312.635        | 95-3.935      | 92-2.515  | 10316.836 | 114936  | 1061934 |     |          |  |
| X 230053             | CM 190201    | 96779301 | BC 181596 | 11059            | 10661         | 10746  | 9113     | 10331       | 11040     |              |             |               | 106-0.2063   | 107-0.3343 | 1071513   | 10615.661 | 1070.746  | 1086040               | 10321.243   | 107996   |           |               | 11318.87         | 900.035       | 111-6.217 | 10618.541 | 115107  | 110237  |     |          |  |
| X 230054             | BC 201509    | 96779319 | BC 191098 | 11257            | 9362          | 10644  | 9810     | 9928        | 9938      |              |             |               | 114-0.8762   | 880.4241   | 100710    | 938.062   | 1060.244  | 953139                | 9414.134    |          |           |               | 92-1.629         | 97-3.516      | 10819.538 |           |         |         |     |          |  |
| X 230057             | BC 141115    | 96779343 | X230057   | 10153            | 8657          | 9741   |          | 7626        |           |              |             |               | 104-0.0157   | 890.3839   |           | 863.757   | 97-2.241  |                       | 846.829     |          |           |               | 7114.927         | 90-2.016      | 844.635   |           |         |         |     |          |  |
| X 230066             | BC 171516    | 96779418 | BC 201046 | 10054            | 10959         | 9738   |          | 9924        |           |              |             |               | 1010.2460    | 970.0735   |           | 10917.159 | 97-2.438  | 1035033               | 10724.433   |          |           |               | 98-5.724         | 97-3.511      | 10417.137 |           |         |         |     |          |  |
| X 230072             | CM 190201    | 96779475 | BC 171575 | 10259            | 10062         | 10847  | 9419     | 10932       | 10742     |              |             |               | 1010.2963    | 102-0.1245 | 1041119   | 10012.362 | 1080.847  | 1035043               | 9716.842    | 101765   |           |               | 10715.16         | 110-15.235    | 108-5.819 | 10518.142 | 10755   | 102155  |     |          |  |
| X 230080             | BC 161142    | 96779558 | BC 201029 | 10156            | 9862          | 9041   | 989      | 10228       | 9138      |              |             |               | 970.5761     | 110-0.4638 | 10089     | 9810.962  | 90-4.241  | 881337                | 9212.936    |          |           |               | 98-5.830         | 101-4.214     | 10719.241 |           |         |         |     |          |  |
| X 230084             | BC 201107    | 96779590 | BC 201035 | 10256            | 10261         | 10742  | 9711     | 10528       | 10738     |              |             |               | 1030.0961    | 940.1739   | 10011     | 10213.461 | 1070.742  | 1075838               | 10119.938   | 955319   |           |               | 9810.021         | 99-6.331      | 108-5.615 | 10518.237 | 108621  | 1021521 |     |          |  |
| X 230089             | BC 201024    | 96779640 | BC 153008 | 10155            | 10859         | 10345  |          | 10519       |           |              |             |               | 990.4459     | 104-0.2340 |           | 10816.959 | 103-0.545 | 1034935               | 10624.030   |          |           |               | 95-3.717         |               | 11624.838 |           |         |         |     |          |  |
| X 230091             | BC 201027    | 96779665 | BC 151557 | 9858             | 9562          | 9047   | 1047     | 10230       | 9139      |              |             |               | 960.6962     | 108-0.3744 | 9527      | 959.562   | 90-4.347  | 871139                | 9414.034    | 86215    |           |               | 884.26           | 102-8.731     | 101-4.317 | 10316.842 | 96-15   | 8935    |     |          |  |
| X 230104             | CM 190201    | 96779764 | BC 171572 | 10559            | 11462         | 10746  | 8819     | 11032       | 11741     |              |             |               | 105-0.0963   | 960.1044   | 1112019   | 11420.262 | 1070.646  | 1147442               | 11026.842   | 1141255  |           |               | 12022.56         | 104-10.735    | 115-7.119 | 10417.442 | 125165  | 120325  |     |          |  |

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Inbreeding in red is high

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| Animal              |              |           |        | Selection Values |               |        |          |             |           |              |             | Birth         |              | Wean      |           |         |          | Growth                |             |      | Fertility |               |                  |               | Frame     |        | Carcass |     |     |          |  |
|---------------------|--------------|-----------|--------|------------------|---------------|--------|----------|-------------|-----------|--------------|-------------|---------------|--------------|-----------|-----------|---------|----------|-----------------------|-------------|------|-----------|---------------|------------------|---------------|-----------|--------|---------|-----|-----|----------|--|
| Index<br>EBV<br>Acc | % Inbreeding | Sire ID   | Dam ID | Calv. Ease V     | Calf Growth V | Milk V | Maint. V | Fertility V | Cow Value | Growth Value | Prod. Value | Carcass Value | Birth wt dir | Birth mat | Mature wt | Wean wt | Wean mat | Cow-Calf Ratio (Wean) | Postwean wt | ADG  | FCR       | Scrotal Circ. | Heifer Fertility | Cow Fertility | Longevity | Height | Length  | EMA | Fat | Marbling |  |
| ID Number<br>Name   |              |           |        |                  |               |        |          |             |           |              |             |               |              |           |           |         |          |                       |             |      |           |               |                  |               |           |        |         |     |     |          |  |
| X 230112            |              | CM 190201 |        | 105              | 105           | 86     | 98       | 100         | 96        |              |             |               | 105          | 98        | 101       | 105     | 86       | 92                    |             | 102  | 96        |               | 104              | 92            | 105       | 103    | 105     | 98  |     |          |  |
| 96779830            |              | BC 161517 |        | 58               | 62            | 47     | 20       | 31          | 41        |              |             |               | -0.07        | 0.03      | 8         | 15.2    | -5.2     | 24                    |             | 20.3 | 57        |               | 13.7             | -1.0          | -5.1      | 16.6   | 4       | 11  |     |          |  |
| X230112             |              |           |        |                  |               |        |          |             |           |              |             |               | 62           | 44        | 20        | 62      | 47       | 43                    |             | 40   | 5         |               | 6                | 33            | 17        | 43     | 5       | 5   |     |          |  |
| X 230118            |              | BC 201007 |        | 104              | 108           | 108    |          | 99          |           |              |             |               | 105          | 95        |           | 108     | 108      | 104                   |             | 105  |           |               |                  | 85            |           | 113    |         |     |     |          |  |
| 96779897            |              | BC 181310 |        | 51               | 57            | 36     |          | 17          |           |              |             |               | -0.05        | 0.15      |           | 16.6    | 0.9      | 52                    |             | 23.2 |           |               |                  | 4.5           |           | 23.0   |         |     |     |          |  |
| X230118             |              |           |        |                  |               |        |          |             |           |              |             |               | 57           | 32        |           | 57      | 36       | 32                    |             | 29   |           |               |                  | 12            |           | 36     |         |     |     |          |  |
| X 230141            |              | BC 201007 |        | 99               | 102           | 108    |          | 94          |           |              |             |               | 102          | 90        |           | 102     | 108      | 104                   |             | 101  |           |               |                  | 79            | 93        | 112    |         |     |     |          |  |
| 96780119            |              | BC 181524 |        | 55               | 59            | 40     |          | 20          |           |              |             |               | 0.15         | 0.34      |           | 13.4    | 1.0      | 51                    |             | 19.6 |           |               |                  | 8.7           | -2.6      | 22.5   |         |     |     |          |  |
| X230141             |              |           |        |                  |               |        |          |             |           |              |             |               | 60           | 37        |           | 59      | 40       | 34                    |             | 31   |           |               |                  | 17            | 5         | 38     |         |     |     |          |  |
| X 230147            |              | BC 201107 |        | 95               | 108           | 111    | 89       | 100         | 102       |              |             |               | 97           | 93        | 110       | 108     | 111      | 111                   |             | 107  | 104       |               | 106              | 94            | 100       | 107    | 118     | 113 |     |          |  |
| 96780168            |              | BC 171508 |        | 58               | 62            | 46     | 17       | 24          | 39        |              |             |               | 0.57         | 0.20      | 18        | 16.8    | 1.7      | 69                    |             | 24.3 | 86        |               | 14.4             | -2.8          | -4.0      | 19.0   | 12      | 26  |     |          |  |
| X230147             |              |           |        |                  |               |        |          |             |           |              |             |               | 62           | 42        | 17        | 62      | 46       | 42                    |             | 38   | 19        |               | 21               | 23            | 10        | 40     | 21      | 21  |     |          |  |
| X 230185            |              | BC 201509 |        | 100              | 98            | 109    | 91       | 89          | 88        |              |             |               | 104          | 87        | 107       | 98      | 109      | 101                   |             | 96   |           |               |                  | 70            | 97        | 105    |         |     |     |          |  |
| 96780515            |              | BC 141028 |        | 59               | 63            | 48     | 8        | 30          | 40        |              |             |               | -0.03        | 0.47      | 15        | 10.9    | 1.2      | 44                    |             | 16.2 |           |               |                  | 16.3          | -3.5      | 17.8   |         |     |     |          |  |
| X230185             |              |           |        |                  |               |        |          |             |           |              |             |               | 63           | 45        | 8         | 63      | 48       | 40                    |             | 36   |           |               |                  | 33            | 16        | 42     |         |     |     |          |  |
| X 241013            |              | BC 151003 |        | 108              | 88            | 101    |          | 91          |           |              |             |               | 107          | 99        |           | 88      | 101      | 88                    |             | 84   |           |               |                  | 96            | 94        | 91     |         |     |     |          |  |
| 98407091            |              | BC 211069 |        | 53               | 59            | 32     |          | 25          |           |              |             |               | -0.24        | -0.01     |           | 5.3     | -1.3     | 13                    |             | 6.7  |           |               |                  | -4.3          | -2.9      | 9.0    |         |     |     |          |  |
| X241013             |              |           |        |                  |               |        |          |             |           |              |             |               | 59           | 30        |           | 59      | 32       | 31                    |             | 28   |           |               |                  | 28            | 10        | 36     |         |     |     |          |  |
| X 241016            |              | BC 141131 |        | 106              | 92            | 105    | 102      | 90          | 91        |              |             |               | 110          | 86        | 96        | 92      | 105      | 95                    |             | 93   | 85        |               | 88               | 96            | 98        | 86     | 99      | 91  |     |          |  |
| 98407125            |              |           |        | 53               | 57            | 42     | 12       | 27          | 36        |              |             |               | -0.47        | 0.49      | 3         | 7.5     | -0.1     | 31                    |             | 13.3 | 18        |               | 4.2              | -4.0          | -3.7      | 5.9    | 1       | 5   |     |          |  |
| X241016             |              |           |        |                  |               |        |          |             |           |              |             |               | 57           | 39        | 12        | 57      | 42       | 37                    |             | 33   | 10        |               | 11               | 28            | 17        | 36     | 11      | 11  |     |          |  |
| X 241027            |              | BC 191083 |        | 100              | 95            | 114    | 93       | 88          | 89        |              |             |               | 101          | 96        | 104       | 95      | 114      | 102                   |             | 92   |           |               |                  | 89            | 97        | 89     |         |     |     |          |  |
| 98407224            |              |           |        | 51               | 55            | 36     | 8        | 23          | 33        |              |             |               | 0.23         | 0.11      | 12        | 9.1     | 2.5      | 48                    |             | 12.7 |           |               |                  | 1.2           | -3.5      | 7.8    |         |     |     |          |  |
| X241027             |              |           |        |                  |               |        |          |             |           |              |             |               | 56           | 33        | 8         | 55      | 36       | 33                    |             | 25   |           |               |                  | 25            | 14        | 30     |         |     |     |          |  |
| X 241032            |              | BC 191098 |        | 91               | 96            | 109    | 103      | 84          | 86        |              |             |               | 93           | 97        | 95        | 96      | 109      | 104                   |             | 94   |           |               |                  | 83            | 96        | 86     |         |     |     |          |  |
| 98407463            |              |           |        | 51               | 56            | 36     | 8        | 22          | 33        |              |             |               | 0.91         | 0.07      | 2         | 9.8     | 1.2      | 52                    |             | 14.5 |           |               |                  | 6.2           | -3.2      | 6.2    |         |     |     |          |  |
| X241032             |              |           |        |                  |               |        |          |             |           |              |             |               | 56           | 33        | 8         | 56      | 36       | 33                    |             | 26   |           |               |                  | 24            | 15        | 28     |         |     |     |          |  |
| X 241035            |              | BC 201016 |        | 103              | 79            | 100    |          | 83          |           |              |             |               | 104          | 95        |           | 79      | 100      | 82                    |             | 76   |           |               |                  | 87            | 95        | 80     |         |     |     |          |  |
| 98407430            |              |           |        | 49               | 55            | 32     |          | 21          |           |              |             |               | -0.02        | 0.15      |           | -0.3    | -1.4     | -1                    |             | 0.7  |           |               |                  | 2.8           | -3.2      | 2.4    |         |     |     |          |  |
| X241035             |              |           |        |                  |               |        |          |             |           |              |             |               | 55           | 29        |           | 55      | 32       | 29                    |             | 26   |           |               |                  | 25            | 11        | 28     |         |     |     |          |  |
| X 241046            |              | BC 211088 |        | 79               | 111           | 117    |          | 85          |           |              |             |               | 82           | 95        |           | 111     | 117      | 121                   |             | 109  |           |               |                  | 87            | 101       | 80     |         |     |     |          |  |
| 98407323            |              |           |        | 49               | 54            | 28     |          | 21          |           |              |             |               | 1.82         | 0.13      |           | 18.5    | 3.4      | 90                    |             | 25.9 |           |               |                  | 2.9           | -4.2      | 2.7    |         |     |     |          |  |
| X241046             |              |           |        |                  |               |        |          |             |           |              |             |               | 55           | 27        |           | 54      | 28       | 28                    |             | 26   |           |               |                  | 25            | 11        | 28     |         |     |     |          |  |
| X 241048            |              | BC 211066 |        | 104              | 98            | 91     | 92       | 94          | 84        |              |             |               | 102          | 103       | 107       | 98      | 91       | 86                    |             | 94   | 100       |               | 100              | 90            | 97        | 99     | 112     | 104 |     |          |  |
| 98407307            |              | BC 171002 |        | 57               | 62            | 43     | 15       | 29          | 39        |              |             |               | 0.17         | -0.17     | 15        | 11.0    | -3.9     | 10                    |             | 14.4 | 71        |               | 10.9             | 0.1           | -3.5      | 14.1   | 8       | 17  |     |          |  |
| X241048             |              |           |        |                  |               |        |          |             |           |              |             |               | 62           | 39        | 15        | 62      | 43       | 40                    |             | 36   | 10        |               | 11               | 30            | 17        | 40     | 11      | 11  |     |          |  |

# Breeding Values and Accuracies: Bulls

Green: >120 High  
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| Animal                          |              |                        |        | Selection Values |               |           |           |             |           |              |             | Birth         |                    | Wean               |           |                 |                   | Growth                |                 |                   | Fertility    |               |                  |                  | Frame             |                   | Carcass        |                |     |          |  |
|---------------------------------|--------------|------------------------|--------|------------------|---------------|-----------|-----------|-------------|-----------|--------------|-------------|---------------|--------------------|--------------------|-----------|-----------------|-------------------|-----------------------|-----------------|-------------------|--------------|---------------|------------------|------------------|-------------------|-------------------|----------------|----------------|-----|----------|--|
| Index<br>EBV<br>Acc             | % Inbreeding | Sire ID                | Dam ID | Calv. Ease V     | Calf Growth V | Milk V    | Maint. V  | Fertility V | Cow Value | Growth Value | Prod. Value | Carcass Value | Birth wt dir       | Birth mat          | Mature wt | Wean wt         | Wean mat          | Cow-Calf Ratio (Wean) | Postwean wt     | ADG               | FCR          | Scrotal Circ. | Heifer Fertility | Cow Fertility    | Longevity         | Height            | Length         | EMA            | Fat | Marbling |  |
|                                 |              |                        |        |                  |               |           |           |             |           |              |             |               |                    |                    |           |                 |                   |                       |                 |                   |              |               |                  |                  |                   |                   |                |                |     |          |  |
| X 241052<br>98407265<br>X241052 |              | BC 211010              |        | 108<br>48        | 86<br>54      | 103<br>26 |           | 84<br>18    |           |              |             |               | 109<br>-0.40<br>54 | 94<br>0.18<br>25   |           | 86<br>3.9<br>54 | 103<br>-0.5<br>26 |                       | 84<br>6.8<br>24 |                   |              |               | 91<br>-0.7<br>22 | 91<br>-2.4<br>6  | 82<br>3.5<br>25   |                   |                |                |     |          |  |
| X 241058<br>98407539<br>X241058 |              | BC 191038              |        | 103<br>50        | 84<br>55      | 105<br>36 |           | 82<br>22    |           |              |             |               | 105<br>-0.04<br>55 | 94<br>0.16<br>33   |           | 84<br>2.7<br>55 | 105<br>-0.1<br>36 |                       | 83<br>5.9<br>28 |                   |              |               | 86<br>3.7<br>24  | 88<br>-1.7<br>13 | 85<br>5.6<br>30   |                   |                |                |     |          |  |
| X 241059<br>98407554<br>X241059 |              | BC 201060              |        | 97<br>49         | 88<br>55      | 120<br>31 | 110<br>7  | 78<br>21    | 86<br>31  |              |             |               | 96<br>0.64<br>55   | 101<br>-0.10<br>29 |           | 91<br>-3<br>7   | 88<br>4.9<br>55   | 120<br>4.1<br>31      | 106<br>55<br>31 | 84<br>6.7<br>27   |              |               | 81<br>7.4<br>25  | 90<br>-2.0<br>11 | 80<br>2.4<br>28   |                   |                |                |     |          |  |
| X 241061<br>98407562<br>X241061 |              | BC 211066<br>BC 151608 |        | 95<br>56         | 107<br>60     | 110<br>44 | 84<br>6   | 98<br>22    | 96<br>36  |              |             |               | 94<br>0.81<br>60   | 103<br>-0.18<br>40 |           | 116<br>25<br>6  | 107<br>15.9<br>60 | 110<br>1.3<br>44      | 106<br>56<br>37 | 103<br>21.4<br>30 |              |               | 86<br>3.3<br>20  | 98<br>-3.8<br>9  | 110<br>21.0<br>38 |                   |                |                |     |          |  |
| X 241064<br>98407596<br>X241064 |              | BC 201023<br>BC 141334 |        | 121<br>56        | 89<br>60      | 77<br>44  | 105<br>5  | 93<br>23    | 84<br>36  |              |             |               | 122<br>-1.50<br>60 | 90<br>0.34<br>41   |           | 95<br>1<br>5    | 89<br>5.6<br>60   | 77<br>-7.9<br>44      | 69<br>-32<br>36 | 87<br>9.2<br>34   | 80<br>0<br>9 |               | 91<br>5.8<br>17  | 86<br>3.7<br>19  | 89<br>-1.9<br>10  | 110<br>20.7<br>39 | 93<br>-3<br>11 | 84<br>-2<br>11 |     |          |  |
| X 241069<br>98407638<br>X241069 |              | BC 151560              |        | 110<br>51        | 74<br>54      | 108<br>37 |           |             |           |              |             |               | 113<br>-0.74<br>55 | 86<br>0.49<br>36   |           |                 | 74<br>-2.9<br>54  | 108<br>0.9<br>37      |                 | 73<br>-1.5<br>6   |              |               |                  |                  | 80<br>2.4<br>28   |                   |                |                |     |          |  |
| X 241072<br>98407661<br>X241072 |              | BC 211086<br>BC 171541 |        | 115<br>55        | 88<br>60      | 95<br>42  | 116<br>16 | 95<br>27    | 98<br>38  |              |             |               | 118<br>-1.13<br>60 | 85<br>0.53<br>38   |           | 86<br>-9<br>16  | 88<br>5.4<br>60   | 95<br>-2.9<br>42      | 87<br>10<br>39  | 89<br>10.8<br>28  |              |               | 93<br>-1.7<br>28 | 98<br>-3.7<br>15 | 98<br>13.7<br>37  |                   |                |                |     |          |  |
| X 241073<br>98407679<br>X241073 |              | BC 141301              |        | 102<br>49        | 79<br>54      | 112<br>37 |           |             |           |              |             |               | 106<br>-0.17<br>54 | 87<br>0.45<br>33   |           |                 | 79<br>0.2<br>54   | 112<br>1.8<br>37      |                 | 79<br>2.6<br>24   |              |               |                  |                  | 90<br>8.6<br>30   |                   |                |                |     |          |  |
| X 241087<br>98407844<br>X241087 |              | BC 141338              |        | 110<br>48        | 79<br>54      | 107<br>36 |           |             |           |              |             |               | 113<br>-0.78<br>53 | 86<br>0.50<br>32   |           |                 | 79<br>-0.2<br>54  | 107<br>0.5<br>36      |                 | 78<br>1.8<br>8    |              |               |                  |                  | 82<br>3.5<br>26   |                   |                |                |     |          |  |
| X 241092<br>98407802<br>X241092 |              | BC 161540              |        | 104<br>51        | 95<br>57      | 96<br>40  | 94<br>19  | 83<br>24    | 78<br>36  |              |             |               | 106<br>-0.15<br>55 | 93<br>0.22<br>37   |           | 104<br>12<br>19 | 95<br>9.5<br>57   | 96<br>-2.4<br>40      | 89<br>15<br>39  | 94<br>14.3<br>26  |              |               | 89<br>1.2<br>25  | 89<br>-1.8<br>13 | 86<br>5.9<br>34   |                   |                |                |     |          |  |
| X 241105<br>98407984<br>X241105 |              | BC 211515              |        | 108<br>49        | 82<br>55      | 118<br>32 |           | 83<br>19    |           |              |             |               | 108<br>-0.35<br>55 | 97<br>0.08<br>30   |           |                 | 82<br>1.5<br>55   | 118<br>3.8<br>32      |                 | 81<br>4.5<br>26   |              |               | 84<br>4.8<br>24  | 94<br>-2.8<br>6  | 84<br>4.7<br>26   |                   |                |                |     |          |  |
| X 241106<br>98407992<br>X241106 |              | BC 201055              |        | 96<br>51         | 93<br>55      | 92<br>34  |           | 81<br>21    |           |              |             |               | 95<br>0.74<br>56   | 102<br>-0.13<br>32 |           |                 | 93<br>7.8<br>55   | 92<br>-3.7<br>34      | 87<br>12<br>31  | 89<br>10.4<br>27  |              |               | 77<br>10.3<br>25 | 95<br>-3.0<br>11 | 84<br>4.7<br>28   |                   |                |                |     |          |  |

# Breeding Values and Accuracies: Bulls

Green: >120    High  
White: 80-120 Average  
Orange: <80    Low

Inbreeding in red is high

Value <80    Value >120

Breeding values with an accuracy < 5% are not printed

| Animal                            |              |                        |        | Selection Values |               |           |          |             |           |              |             | Birth         |                    | Wean               |                 |                   |                   | Growth                |                   |                 | Fertility |               |                  |                   | Frame             |                   | Carcass           |                  |                 |                 |  |  |  |
|-----------------------------------|--------------|------------------------|--------|------------------|---------------|-----------|----------|-------------|-----------|--------------|-------------|---------------|--------------------|--------------------|-----------------|-------------------|-------------------|-----------------------|-------------------|-----------------|-----------|---------------|------------------|-------------------|-------------------|-------------------|-------------------|------------------|-----------------|-----------------|--|--|--|
| Index<br>EBV<br>Acc               | % Inbreeding | Sire ID                | Dam ID | Calv. Ease V     | Calf Growth V | Milk V    | Maint. V | Fertility V | Cow Value | Growth Value | Prod. Value | Carcass Value | Birth wt dir       | Birth mat          | Mature wt       | Wean wt           | Wean mat          | Cow-Calf Ratio (Wean) | Postwean wt       | ADG             | FCR       | Scrotal Circ. | Heifer Fertility | Cow Fertility     | Longevity         | Height            | Length            | EMA              | Fat             | Marbling        |  |  |  |
| ID<br>Number<br>Name              |              |                        |        | Calv. Ease V     | Calf Growth V | Milk V    | Maint. V | Fertility V | Cow Value | Growth Value | Prod. Value | Carcass Value | Birth wt dir       | Birth mat          | Mature wt       | Wean wt           | Wean mat          | Cow-Calf Ratio (Wean) | Postwean wt       | ADG             | FCR       | Scrotal Circ. | Heifer Fertility | Cow Fertility     | Longevity         | Height            | Length            | EMA              | Fat             | Marbling        |  |  |  |
| X 241108<br>98408016<br>X241108   |              | BC 201023<br>BC 141015 |        | 105<br>59        | 98<br>63      | 91<br>48  | 93<br>11 | 83<br>32    | 77<br>41  |              |             |               | 103<br>0.06<br>63  | 103<br>-0.18<br>45 | 106<br>14<br>11 | 98<br>10.8<br>63  | 91<br>-4.0<br>48  | 86<br>9<br>41         | 94<br>14.6<br>38  | 95<br>55<br>9   |           |               |                  |                   | 102<br>12.4<br>17 | 67<br>18.2<br>34  | 94<br>-2.8<br>19  | 98<br>13.7<br>43 | 104<br>4<br>12  | 100<br>14<br>11 |  |  |  |
| X 241112<br>98408057<br>X241112   |              | BC 161562              |        | 101<br>50        | 88<br>54      | 102<br>38 |          |             |           |              |             |               | 106<br>-0.15<br>54 | 85<br>0.54<br>34   |                 | 88<br>5.1<br>54   | 102<br>-0.9<br>38 |                       | 85<br>7.1<br>22   |                 |           |               |                  |                   | 82<br>6.3<br>11   |                   | 91<br>9.4<br>31   |                  |                 |                 |  |  |  |
| X 241123<br>98408149<br>X241123   |              | BC 181577              |        | 113<br>51        | 99<br>56      | 95<br>38  |          | 91<br>22    |           |              |             |               | 113<br>-0.77<br>56 | 94<br>0.16<br>35   |                 | 99<br>11.3<br>56  | 95<br>-2.9<br>38  |                       | 96<br>16.0<br>12  |                 |           |               |                  |                   | 94<br>-2.9<br>23  | 99<br>-3.9<br>13  | 88<br>7.4<br>30   |                  |                 |                 |  |  |  |
| X 241132<br>98408339<br>X241132   |              | BC 211052<br>BC 141098 |        | 104<br>58        | 104<br>62     | 83<br>46  | 97<br>9  | 96<br>30    | 89<br>39  |              |             |               | 105<br>-0.05<br>62 | 97<br>0.07<br>43   | 101<br>9<br>9   | 104<br>14.2<br>62 | 83<br>-6.2<br>46  | 88<br>13<br>39        | 104<br>21.9<br>34 | 91<br>38<br>7   |           |               |                  | 94<br>7.7<br>10   | 88<br>2.0<br>30   | 98<br>-3.6<br>18  | 105<br>18.1<br>41 | 100<br>2<br>8    | 92<br>6<br>8    |                 |  |  |  |
| X 241134<br>98408313<br>X241134   |              | BC 211066<br>BC 171147 |        | 93<br>56         | 114<br>61     | 101<br>42 | 83<br>16 | 89<br>28    | 90<br>39  |              |             |               | 94<br>0.83<br>61   | 98<br>0.03<br>39   | 117<br>27<br>16 | 114<br>20.3<br>61 | 101<br>-1.0<br>42 | 106<br>57<br>40       | 111<br>27.7<br>35 | 109<br>104<br>9 |           |               |                  | 113<br>18.6<br>10 | 79<br>8.8<br>30   | 93<br>-2.6<br>17  | 103<br>16.5<br>38 | 125<br>16<br>10  | 119<br>31<br>10 |                 |  |  |  |
| X 241154<br>98408446<br>X241154   |              | BC 201046              |        | 99<br>49         | 90<br>54      | 106<br>33 |          | 76<br>19    |           |              |             |               | 102<br>0.21<br>55  | 92<br>0.27<br>30   |                 | 90<br>6.1<br>54   | 106<br>0.4<br>33  |                       | 88<br>9.7<br>12   |                 |           |               |                  |                   | 82<br>7.0<br>23   | 89<br>-1.8<br>11  | 75<br>-0.5<br>23  |                  |                 |                 |  |  |  |
| X 241158<br>98408487<br>X241158   |              | BC 211066<br>BC 141028 |        | 87<br>58         | 101<br>62     | 105<br>44 | 89<br>7  | 83<br>29    | 77<br>38  |              |             |               | 90<br>1.17<br>62   | 93<br>0.21<br>42   | 109<br>18<br>7  | 101<br>12.9<br>62 | 105<br>0.0<br>44  | 100<br>42<br>38       | 95<br>15.5<br>34  |                 |           |               |                  |                   | 61<br>23.0<br>32  | 96<br>-3.3<br>16  | 100<br>14.8<br>40 |                  |                 |                 |  |  |  |
| X 251001<br>6020216369<br>X251001 |              | BC 211515              |        | 105<br>49        | 93<br>55      | 112<br>32 |          | 79<br>17    |           |              |             |               | 105<br>-0.07<br>55 | 97<br>0.07<br>30   |                 | 93<br>8.1<br>55   | 112<br>1.9<br>32  |                       | 92<br>12.5<br>15  |                 |           |               |                  |                   | 79<br>8.9<br>24   | 98<br>-3.6<br>6   | 76<br>0.1<br>22   |                  |                 |                 |  |  |  |
| X 251002<br>6020216377<br>X251002 |              | BC 211524              |        | 100<br>49        | 93<br>55      | 107<br>31 | 103<br>7 | 84<br>19    | 87<br>31  |              |             |               | 103<br>0.12<br>55  | 91<br>0.31<br>29   | 95<br>2<br>7    | 93<br>8.3<br>55   | 107<br>0.5<br>31  | 99<br>40<br>31        | 91<br>11.7<br>14  |                 |           |               |                  |                   | 91<br>-0.3<br>25  | 102<br>-4.5<br>10 | 74<br>-1.5<br>22  |                  |                 |                 |  |  |  |
| X 251008<br>6020208515<br>X251008 |              | X 220067               |        | 102<br>47        | 84<br>51      | 104<br>28 |          | 83<br>17    |           |              |             |               | 104<br>-0.01<br>53 | 93<br>0.22<br>27   |                 | 84<br>2.7<br>51   | 104<br>-0.3<br>28 |                       | 82<br>4.9<br>13   |                 |           |               |                  |                   | 95<br>-3.6<br>24  | 95<br>-3.1<br>7   | 75<br>-0.7<br>21  |                  |                 |                 |  |  |  |
| X 251012<br>6020208523<br>X251012 |              | X 220008               |        | 111<br>47        | 80<br>51      | 107<br>27 |          | 83<br>17    |           |              |             |               | 111<br>-0.55<br>53 | 96<br>0.12<br>25   |                 | 80<br>0.8<br>51   | 107<br>0.6<br>27  | 88<br>14<br>27        | 78<br>2.2<br>13   |                 |           |               |                  |                   | 95<br>-3.5<br>24  | 92<br>-2.4<br>7   | 76<br>0.1<br>19   |                  |                 |                 |  |  |  |
| X 251023<br>6020208580<br>X251023 |              | X 220051               |        | 83<br>47         | 102<br>51     | 119<br>27 |          | 81<br>17    |           |              |             |               | 85<br>1.59<br>53   | 100<br>-0.07<br>26 |                 | 102<br>13.2<br>51 | 119<br>3.9<br>27  |                       | 98<br>17.4<br>13  |                 |           |               |                  |                   | 87<br>3.1<br>24   | 95<br>-3.2<br>8   | 76<br>-0.3<br>20  |                  |                 |                 |  |  |  |

Green: >120 High  
White: 80-120 Average  
Orange: <80 Low

Breeding values with an accuracy < 5% are not printed

LOGIX Beefmaster Genomic Analysis, SA Stud Book, September 2026 16 CREATIVE BEEFMASTERS 707949

# Breeding Values and Accuracies: Bulls

Green: >120 High  
White: 80-120 Average  
Orange: <80 Low

Inbreeding in red is high

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

| Animal                            |              |         |        | Selection Values |               |           |          |             |           |              |             |               | Birth              |                    | Wean      |                  |                   |                       | Growth           |                 |               | Fertility     |                   |                   |                  | Frame            |               | Carcass      |     |          |
|-----------------------------------|--------------|---------|--------|------------------|---------------|-----------|----------|-------------|-----------|--------------|-------------|---------------|--------------------|--------------------|-----------|------------------|-------------------|-----------------------|------------------|-----------------|---------------|---------------|-------------------|-------------------|------------------|------------------|---------------|--------------|-----|----------|
| Index<br>EBV<br>Acc               | % Inbreeding | Sire ID | Dam ID | Calv. Ease V     | Calf Growth V | Milk V    | Maint. V | Fertility V | Cow Value | Growth Value | Prod. Value | Carcass Value | Birth wt dir       | Birth mat          | Mature wt | Wean wt          | Wean mat          | Cow-Calf Ratio (Wean) | Postwean wt      | ADG             | FCR           | Scrotal Circ. | Heifer Fertility  | Cow Fertility     | Longevity        | Height           | Length        | EMA          | Fat | Marbling |
|                                   |              |         |        |                  |               |           |          |             |           |              |             |               |                    |                    |           |                  |                   |                       |                  |                 |               |               |                   |                   |                  |                  |               |              |     |          |
| X 251084<br>6020209059<br>X251084 |              | BC      | 141171 | 102<br>53        | 92<br>57      | 106<br>41 |          | 83<br>25    |           |              |             |               | 105<br>-0.06<br>57 | 91<br>0.31<br>39   |           | 92<br>7.7<br>57  | 106<br>0.2<br>41  |                       | 89<br>10.5<br>16 |                 |               |               | 89<br>1.4<br>28   | 104<br>-4.8<br>15 | 71<br>-2.9<br>32 |                  |               |              |     |          |
| X 251093<br>6020209133<br>X251093 |              | BC      | 151608 | 108<br>51        | 95<br>55      | 116<br>40 |          | 86<br>16    |           |              |             |               | 107<br>-0.27<br>55 | 98<br>0.03<br>37   |           | 95<br>9.2<br>55  | 116<br>3.0<br>40  |                       | 94<br>14.6<br>10 |                 |               |               | 88<br>2.3<br>16   | 96<br>-3.2<br>5   | 87<br>6.6<br>28  |                  |               |              |     |          |
| X 251094<br>6020209141<br>X251094 |              | BC      | 141547 | 106<br>53        | 93<br>56      | 113<br>41 |          | 82<br>18    |           |              |             |               | 107<br>-0.23<br>57 | 96<br>0.12<br>39   |           | 93<br>8.0<br>56  | 113<br>2.1<br>41  |                       | 92<br>12.5<br>18 |                 |               |               | 84<br>5.2<br>20   |                   | 82<br>3.3<br>31  |                  |               |              |     |          |
| X 251105<br>6020209240<br>X251105 |              | BC      | 181193 | 97<br>51         | 98<br>56      | 124<br>37 |          | 75<br>21    |           |              |             |               | 98<br>0.54<br>56   | 100<br>-0.04<br>34 |           | 98<br>11.0<br>56 | 124<br>5.4<br>37  | 112<br>71<br>32       | 96<br>15.7<br>14 |                 |               |               | 77<br>10.4<br>24  | 99<br>-3.9<br>13  | 69<br>-4.7<br>26 |                  |               |              |     |          |
| X 251115<br>6020209349<br>X251115 |              | BC      | 141138 | 99<br>53         | 82<br>57      | 111<br>42 | 112<br>8 | 82<br>26    | 82<br>36  |              |             |               | 101<br>0.25<br>57  | 94<br>0.18<br>40   |           | 90<br>-5<br>8    | 82<br>1.6<br>57   | 111<br>1.6<br>42      | 92<br>23<br>36   | 80<br>3.4<br>16 |               |               | 101<br>-8.4<br>29 | 86<br>-1.2<br>17  | 75<br>-0.5<br>32 |                  |               |              |     |          |
| X 251133<br>6020209471<br>X251133 |              | BC      | 151560 | 105<br>51        | 82<br>28      | 104<br>36 |          |             |           |              |             |               | 108<br>-0.37<br>55 | 87<br>0.45<br>36   |           | 82<br>2.0<br>28  | 104<br>-0.2<br>36 |                       | 81<br>4.4<br>6   |                 |               |               |                   |                   | 80<br>2.4<br>25  |                  |               |              |     |          |
| X 251135<br>6020209497<br>X251135 |              | BC      | 201089 | 103<br>49        | 83<br>29      | 100<br>28 |          | 75<br>18    |           |              |             |               | 102<br>0.16<br>55  | 101<br>-0.08<br>30 |           | 83<br>2.5<br>29  | 100<br>-1.3<br>28 |                       | 81<br>4.3<br>12  |                 |               |               | 84<br>4.7<br>23   | 85<br>-1.0<br>11  | 75<br>-0.9<br>19 |                  |               |              |     |          |
| X 251158<br>6020209695<br>X251158 |              | BC      | 121306 | 107<br>50        | 94<br>54      | 104<br>38 |          | 80<br>17    |           |              |             |               | 106<br>-0.14<br>54 | 102<br>-0.11<br>34 |           | 94<br>8.4<br>54  | 104<br>-0.2<br>38 |                       | 91<br>12.1<br>10 |                 |               |               | 77<br>10.5<br>19  | 94<br>-2.9<br>5   | 83<br>4.1<br>27  |                  |               |              |     |          |
| X 251160<br>6020209711<br>X251160 |              | BC      | 141025 | 117<br>53        | 62<br>57      | 109<br>40 |          | 71<br>24    |           |              |             |               | 118<br>-1.14<br>57 | 91<br>0.29<br>37   |           | 62<br>-9.9<br>57 | 109<br>1.0<br>40  |                       | 62<br>-10.6<br>8 |                 |               |               | 83<br>5.7<br>26   | 80<br>-0.1<br>15  | 72<br>-2.8<br>31 |                  |               |              |     |          |
| X 251165<br>6020209760<br>X251165 |              | BC      | 201076 | 103<br>50        | 90<br>55      | 107<br>34 | 105<br>7 | 72<br>20    | 77<br>32  |              |             |               | 101<br>0.21<br>55  | 102<br>-0.12<br>31 |           | 94<br>0<br>7     | 90<br>6.6<br>55   | 107<br>0.6<br>34      | 97<br>34<br>32   | 88<br>9.8<br>16 | 87<br>23<br>5 |               | 93<br>7.0<br>5    | 78<br>9.6<br>25   | 84<br>-0.8<br>11 | 75<br>-1.0<br>24 | 100<br>1<br>5 | 94<br>7<br>5 |     |          |

# Breeding Values and Accuracies: Cows

Green: >120 High  
White: 80-120 Average  
Orange: <80 Low

Inbreeding in red is high

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

| Animal                            |              |         |        | Selection Values |               |           |           |             |           |              |             | Birth         |                    | Wean               |                 |                   |                   | Growth                |                   |                 | Fertility      |                  |                    |                   | Frame             |                 | Carcass         |     |     |          |
|-----------------------------------|--------------|---------|--------|------------------|---------------|-----------|-----------|-------------|-----------|--------------|-------------|---------------|--------------------|--------------------|-----------------|-------------------|-------------------|-----------------------|-------------------|-----------------|----------------|------------------|--------------------|-------------------|-------------------|-----------------|-----------------|-----|-----|----------|
| Index<br>EBV<br>Acc               | % Inbreeding | Sire ID | Dam ID | Calv. Ease V     | Calf Growth V | Milk V    | Maint. V  | Fertility V | Cow Value | Growth Value | Prod. Value | Carcass Value | Birth wt dir       | Birth mat          | Mature wt       | Wean wt           | Wean mat          | Cow-Calf Ratio (Wean) | Postwean wt       | ADG             | FCR            | Scrotal Circ.    | Heifer Fertility   | Cow Fertility     | Longevity         | Height          | Length          | EMA | Fat | Marbling |
| ID<br>Number<br>Name              |              |         |        |                  |               |           |           |             |           |              |             |               |                    |                    |                 |                   |                   |                       |                   |                 |                |                  |                    |                   |                   |                 |                 |     |     |          |
| BC 141007<br>81282501<br>BC141007 | X            | 080029  |        | 113<br>74        | 79<br>71      | 89<br>77  | 129<br>16 | 88<br>49    | 88<br>54  |              |             |               | 109<br>-0.43<br>74 | 106<br>-0.29<br>73 | 71<br>-26<br>16 | 79<br>-0.2<br>71  | 89<br>-4.6<br>77  | 76<br>-16<br>55       | 76<br>0.6<br>36   | 64<br>-57<br>16 | 47<br>19<br>11 | 66<br>-8.3<br>17 | 99<br>-6.6<br>56   | 96<br>-3.3<br>33  | 80<br>2.4<br>59   | 69<br>-16<br>18 | 62<br>-22<br>17 |     |     |          |
| BC 141014<br>81282584<br>BC141014 | X            | 060046  |        | 106<br>73        | 81<br>73      | 114<br>82 |           | 94<br>49    |           |              |             |               | 107<br>-0.27<br>73 | 93<br>0.22<br>73   |                 | 81<br>1.2<br>73   | 114<br>2.4<br>82  | 95<br>30<br>52        | 79<br>2.5<br>36   |                 |                |                  | 95<br>-3.6<br>57   | 103<br>-4.7<br>31 | 91<br>9.0<br>58   |                 |                 |     |     |          |
| BC 141015<br>81282592<br>BC141015 | X            | 050176  |        | 96<br>75         | 91<br>75      | 102<br>81 | 98<br>18  | 71<br>51    | 67<br>57  |              |             |               | 95<br>0.76<br>75   | 104<br>-0.22<br>73 | 99<br>6<br>18   | 91<br>6.9<br>75   | 102<br>-0.9<br>81 | 90<br>19<br>58        | 88<br>9.6<br>41   | 88<br>27<br>5   |                | 92<br>6.5<br>5   | 62<br>22.2<br>60   | 86<br>-1.2<br>33  | 85<br>5.7<br>60   | 96<br>-1<br>6   | 91<br>5<br>5    |     |     |          |
| BC 141028<br>81282709<br>BC141028 | X            | 060040  |        | 81<br>72         | 93<br>70      | 124<br>77 |           | 73<br>48    |           |              |             |               | 87<br>1.41<br>72   | 87<br>0.45<br>72   |                 | 93<br>8.3<br>70   | 124<br>5.4<br>77  | 112<br>71<br>50       | 89<br>10.4<br>36  | 91<br>40<br>5   |                | 94<br>7.5<br>6   | 46<br>35.1<br>58   | 97<br>-3.4<br>30  | 91<br>9.1<br>57   | 105<br>4<br>6   | 99<br>12<br>6   |     |     |          |
| BC 141057<br>81195901<br>BC141057 | X            | 080037  |        | 109<br>75        | 94<br>74      | 99<br>82  | 98<br>13  | 103<br>49   | 98<br>55  |              |             |               | 107<br>-0.29<br>75 | 100<br>-0.07<br>74 | 99<br>6<br>13   | 94<br>8.6<br>74   | 99<br>-1.7<br>82  | 91<br>21<br>56        | 91<br>12.3<br>35  | 90<br>35<br>12  |                | 93<br>6.9<br>14  | 116<br>-19.8<br>55 | 100<br>-4.2<br>33 | 96<br>12.0<br>59  | 100<br>1<br>13  | 94<br>8<br>13   |     |     |          |
| BC 141098<br>81284010<br>BC141098 | X            | 080136  |        | 95<br>74         | 104<br>73     | 80<br>81  | 106<br>15 | 84<br>50    | 79<br>55  |              |             |               | 94<br>0.81<br>74   | 102<br>-0.15<br>73 | 94<br>1<br>15   | 104<br>14.5<br>73 | 80<br>-7.0<br>81  | 89<br>15<br>56        | 101<br>20.1<br>36 | 83<br>11<br>11  | 78<br>-15<br>5 | 83<br>1.7<br>12  | 74<br>13.1<br>57   | 95<br>-3.0<br>34  | 94<br>11.2<br>58  | 92<br>-3<br>12  | 83<br>-3<br>12  |     |     |          |
| BC 141115<br>81284093<br>BC141115 | X            | 050125  |        | 94<br>73         | 86<br>72      | 90<br>79  |           | 74<br>48    |           |              |             |               | 99<br>0.46<br>73   | 86<br>0.51<br>73   |                 | 86<br>3.8<br>72   | 90<br>-4.1<br>79  | 79<br>-7<br>51        | 81<br>4.7<br>34   |                 |                |                  | 60<br>23.7<br>54   | 92<br>-2.5<br>32  | 87<br>6.7<br>58   |                 |                 |     |     |          |
| BC 141138<br>81284226<br>BC141138 | X            | 100008  |        | 87<br>74         | 86<br>73      | 114<br>81 | 104<br>11 | 94<br>50    | 87<br>55  |              |             |               | 90<br>1.16<br>74   | 95<br>0.14<br>74   | 94<br>1<br>11   | 86<br>4.3<br>73   | 114<br>2.7<br>81  | 98<br>38<br>55        | 84<br>6.6<br>32   |                 |                |                  | 119<br>-22.0<br>58 | 85<br>-1.0<br>34  | 89<br>8.1<br>58   |                 |                 |     |     |          |
| BC 141164<br>81835753<br>BC141164 | X            | 050106  |        | 92<br>73         | 81<br>72      | 99<br>80  |           | 90<br>47    |           |              |             |               | 97<br>0.61<br>73   | 86<br>0.48<br>73   |                 | 81<br>1.1<br>72   | 99<br>-1.6<br>80  | 84<br>4<br>51         | 78<br>1.7<br>32   |                 |                |                  | 97<br>-4.8<br>53   | 98<br>-3.7<br>30  | 85<br>5.3<br>58   |                 |                 |     |     |          |
| BC 141171<br>81845562<br>BC141171 | X            | 080066  |        | 91<br>74         | 93<br>71      | 117<br>79 |           | 97<br>48    |           |              |             |               | 94<br>0.82<br>74   | 92<br>0.27<br>73   |                 | 93<br>7.8<br>71   | 117<br>3.4<br>79  | 109<br>62<br>50       | 89<br>10.4<br>30  |                 |                |                  | 101<br>-8.1<br>56  | 115<br>-7.1<br>31 | 80<br>2.4<br>58   |                 |                 |     |     |          |
| BC 141301<br>91572495<br>1301     |              |         |        | 96<br>56         | 87<br>55      | 111<br>72 |           |             |           |              |             |               | 103<br>0.10<br>55  | 80<br>0.73<br>61   |                 | 87<br>4.7<br>55   | 111<br>1.5<br>72  |                       | 86<br>8.4<br>22   |                 |                |                  |                    |                   | 105<br>18.1<br>45 |                 |                 |     |     |          |
| BC 141334<br>91572487<br>1334     |              |         |        | 112<br>57        | 80<br>56      | 77<br>73  |           | 93<br>25    |           |              |             |               | 115<br>-0.94<br>56 | 85<br>0.53<br>62   |                 | 80<br>0.6<br>56   | 77<br>-7.7<br>73  |                       | 79<br>2.7<br>19   |                 |                |                  | 96<br>-4.7<br>23   | 78<br>0.3<br>6    | 109<br>20.5<br>47 |                 |                 |     |     |          |

# Breeding Values and Accuracies: Cows

Green: >120 High  
White: 80-120 Average  
Orange: <80 Low

Inbreeding in red is high

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

| Animal                            |              |         |        | Selection Values |               |           |           |             |           |              |             |               | Birth              |                    | Wean      |                 |                   |                       | Growth           |                  |                   | Fertility     |                  |                    |                   | Frame             |               | Carcass        |     |          |  |
|-----------------------------------|--------------|---------|--------|------------------|---------------|-----------|-----------|-------------|-----------|--------------|-------------|---------------|--------------------|--------------------|-----------|-----------------|-------------------|-----------------------|------------------|------------------|-------------------|---------------|------------------|--------------------|-------------------|-------------------|---------------|----------------|-----|----------|--|
| Index<br>EBV<br>Acc               | % Inbreeding | Sire ID | Dam ID | Calv. Ease V     | Calf Growth V | Milk V    | Maint. V  | Fertility V | Cow Value | Growth Value | Prod. Value | Carcass Value | Birth wt dir       | Birth mat          | Mature wt | Wean wt         | Wean mat          | Cow-Calf Ratio (Wean) | Postwean wt      | ADG              | FCR               | Scrotal Circ. | Heifer Fertility | Cow Fertility      | Longevity         | Height            | Length        | EMA            | Fat | Marbling |  |
| ID Number<br>Name                 |              |         |        |                  |               |           |           |             |           |              |             |               |                    |                    |           |                 |                   |                       |                  |                  |                   |               |                  |                    |                   |                   |               |                |     |          |  |
| BC 141338<br>91572537<br>1338     |              |         |        | 99<br>53         | 89<br>52      | 105<br>68 |           |             |           |              |             |               | 104<br>-0.02<br>52 | 83<br>0.62<br>57   |           | 89<br>5.9<br>52 | 105<br>0.1<br>68  |                       | 88<br>9.7<br>16  |                  |                   |               |                  | 103<br>16.6<br>44  |                   |                   |               |                |     |          |  |
| BC 141547<br>85426252<br>BC141547 |              |         |        | X                | 10013         | 107<br>72 | 89<br>66  | 129<br>80   |           | 96<br>35     |             |               | 107<br>-0.25<br>72 | 98<br>0.03<br>72   |           | 89<br>6.0<br>66 | 129<br>6.8<br>80  | 110<br>65<br>49       |                  | 90<br>11.5<br>35 | 95<br>52<br>7     |               | 94<br>7.8<br>8   | 92<br>-1.5<br>41   | 98<br>-3.6<br>9   | 102<br>16.1<br>55 | 106<br>5<br>9 | 100<br>13<br>8 |     |          |  |
| BC 151004<br>83469767<br>BC151004 |              |         |        | X                | 070051        | 118<br>73 | 70<br>69  | 109<br>75   |           | 104<br>46    |             |               | 119<br>-1.24<br>73 | 91<br>0.29<br>72   |           |                 | 70<br>-5.3<br>69  | 109<br>1.0<br>75      | 80<br>-5<br>49   |                  | 69<br>-5.2<br>38  |               |                  | 112<br>-16.5<br>51 | 117<br>-7.5<br>30 | 85<br>5.2<br>57   |               |                |     |          |  |
| BC 151046<br>83472530<br>BC151046 |              |         |        | X                | 120055        | 87<br>72  | 108<br>70 | 112<br>78   |           | 89<br>45     |             |               | 87<br>1.39<br>72   | 104<br>-0.21<br>70 |           |                 | 108<br>16.5<br>70 | 112<br>2.0<br>78      | 112<br>69<br>50  |                  | 107<br>24.4<br>34 |               |                  | 97<br>-5.1<br>53   | 92<br>-2.5<br>27  | 88<br>7.1<br>56   |               |                |     |          |  |
| BC 151155<br>83493437<br>BC151155 |              |         |        | X                | 073033        | 112<br>68 | 83<br>68  | 96<br>76    |           | 68<br>39     |             |               | 111<br>-0.62<br>69 | 97<br>0.08<br>66   |           |                 | 83<br>2.0<br>68   | 96<br>-2.5<br>76      | 79<br>-8<br>48   |                  | 80<br>3.6<br>26   |               |                  | 43<br>37.2<br>45   | 86<br>-1.3<br>19  | 93<br>10.4<br>53  |               |                |     |          |  |
| BC 151501<br>83494120<br>BC151501 |              |         |        | X                | 088103        | 120<br>70 | 77<br>70  | 95<br>78    | 114<br>11 | 74<br>44     | 74<br>52    |               | 118<br>-1.18<br>70 | 97<br>0.05<br>69   |           | 88<br>-6<br>11  | 77<br>-1.1<br>70  | 95<br>-2.8<br>78      | 73<br>-21<br>53  |                  | 76<br>0.6<br>28   |               |                  | 69<br>16.6<br>54   | 76<br>0.8<br>23   | 94<br>10.9<br>54  |               |                |     |          |  |
| BC 151520<br>85426534<br>BC151520 |              |         |        |                  |               | 116<br>64 | 78<br>63  | 125<br>79   |           | 89<br>27     |             |               | 112<br>-0.63<br>63 | 106<br>-0.30<br>69 |           |                 | 78<br>-0.4<br>63  | 125<br>5.6<br>79      |                  |                  | 78<br>2.4<br>20   |               |                  | 86<br>3.7<br>23    | 88<br>-1.6<br>6   | 102<br>16.2<br>52 |               |                |     |          |  |
| BC 151557<br>83498154<br>BC151557 |              |         |        | X                | 077080        | 112<br>72 | 80<br>70  | 90<br>78    |           | 102<br>44    |             |               | 110<br>-0.46<br>72 | 103<br>-0.19<br>71 |           |                 | 80<br>0.5<br>70   | 90<br>-4.1<br>78      | 74<br>-19<br>50  |                  | 78<br>2.0<br>28   |               |                  | 109<br>-14.8<br>50 | 106<br>-5.2<br>27 | 92<br>9.5<br>55   |               |                |     |          |  |
| BC 153008<br>88247739<br>BC153008 |              |         |        |                  |               | 115<br>60 | 87<br>59  | 114<br>75   |           | 100<br>29    |             |               | 111<br>-0.58<br>59 | 107<br>-0.32<br>65 |           |                 | 87<br>4.6<br>59   | 114<br>2.6<br>75      | 98<br>37<br>45   |                  | 86<br>8.3<br>24   |               |                  | 100<br>-7.1<br>31  | 91<br>-2.2<br>6   | 111<br>21.8<br>49 |               |                |     |          |  |
| BC 161010<br>85085967<br>BC161010 |              |         |        | BC               | 131166        | 108<br>71 | 87<br>67  | 104<br>74   | 89<br>30  | 91<br>41     | 81<br>53    |               | 107<br>-0.22<br>71 | 102<br>-0.13<br>69 |           | 109<br>18<br>30 | 87<br>4.9<br>67   | 104<br>-0.2<br>74     | 85<br>7<br>57    |                  | 84<br>7.0<br>26   |               |                  | 105<br>-11.4<br>47 | 86<br>-1.3<br>21  | 91<br>9.5<br>54   |               |                |     |          |  |
| BC 161021<br>85087054<br>BC161021 |              |         |        | X                | 040161        | 119<br>72 | 85<br>69  | 82<br>77    | 114<br>23 | 96<br>46     | 89<br>54    |               | 117<br>-1.10<br>72 | 100<br>-0.04<br>70 |           | 89<br>-5<br>23  | 85<br>3.2<br>69   | 82<br>-6.5<br>77      | 70<br>-29<br>56  |                  | 79<br>2.8<br>34   |               |                  | 102<br>-9.3<br>52  | 103<br>-4.7<br>29 | 87<br>7.0<br>56   |               |                |     |          |  |
| BC 161032<br>85088565<br>BC161032 |              |         |        | BC               | 131183        | 74<br>69  | 109<br>68 | 131<br>76   | 99<br>30  | 84<br>39     | 99<br>53    |               | 74<br>2.47<br>69   | 105<br>-0.24<br>67 |           | 98<br>5<br>30   | 109<br>17.5<br>68 | 131<br>7.3<br>76      | 135<br>126<br>58 |                  | 107<br>24.4<br>28 |               |                  | 68<br>17.4<br>47   | 98<br>-3.6<br>17  | 96<br>12.1<br>52  |               |                |     |          |  |

# Breeding Values and Accuracies: Cows

Green: >120 High  
White: 80-120 Average  
Orange: <80 Low

Inbreeding in red is high

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

| Animal                                |              |           |        | Selection Values |               |           |           |             |           |              |             | Birth         |                    | Wean               |                 |                  |                   | Growth                |             |                  | Fertility      |                |                    |                    | Frame             |                 | Carcass       |                |                  |                  |                  |
|---------------------------------------|--------------|-----------|--------|------------------|---------------|-----------|-----------|-------------|-----------|--------------|-------------|---------------|--------------------|--------------------|-----------------|------------------|-------------------|-----------------------|-------------|------------------|----------------|----------------|--------------------|--------------------|-------------------|-----------------|---------------|----------------|------------------|------------------|------------------|
| Index<br>EBV<br>Acc                   | % Inbreeding | Sire ID   | Dam ID | Calv. Ease V     | Calf Growth V | Milk V    | Maint. V  | Fertility V | Cow Value | Growth Value | Prod. Value | Carcass Value | Birth wt dir       | Birth mat          | Mature wt       | Wean wt          | Wean mat          | Cow-Calf Ratio (Wean) | Postwean wt | ADG              | FCR            | Scrotal Circ.  | Heifer Fertility   | Cow Fertility      | Longevity         | Height          | Length        | EMA            | Fat              | Marbling         |                  |
| ID<br>Number<br>Name                  |              |           |        |                  |               |           |           |             |           |              |             |               |                    |                    |                 |                  |                   |                       |             |                  |                |                |                    |                    |                   |                 |               |                |                  |                  |                  |
| BC 161054<br>85090835<br>BC161054     |              | BC 141109 |        | 108<br>71        | 86<br>70      | 118<br>77 | 93<br>28  | 74<br>45    | 78<br>55  |              |             |               | 109<br>-0.38<br>71 | 94<br>0.17<br>69   | 104<br>11<br>28 | 86<br>4.2<br>70  | 118<br>3.7<br>77  | 97<br>35<br>58        |             | 84<br>7.0<br>40  |                |                | 65<br>19.6<br>56   | 82<br>-0.4<br>25   | 92<br>9.6<br>53   |                 |               |                |                  |                  |                  |
| BC 161101<br>85118701<br>BC161101     |              | BC 141166 |        | 95<br>71         | 96<br>71      | 103<br>79 | 97<br>22  | 90<br>46    | 85<br>54  |              |             |               | 94<br>0.83<br>71   | 103<br>-0.16<br>70 | 100<br>7<br>22  | 96<br>9.7<br>71  | 103<br>-0.7<br>79 | 96<br>33<br>57        |             | 95<br>15.2<br>32 |                |                | 78<br>9.4<br>54    | 98<br>-3.7<br>31   | 100<br>15.1<br>53 |                 |               |                |                  |                  |                  |
| BC 161517<br>85758852<br>BMAFBC161517 |              | X 088015  |        | 109<br>61        | 84<br>68      | 82<br>76  | 115<br>60 | 84<br>41    | 75<br>57  |              |             |               | 111<br>-0.56<br>60 | 92<br>0.28<br>66   | 88<br>-6<br>60  | 84<br>2.6<br>68  | 82<br>-6.6<br>76  | 69<br>-32<br>68       |             | 81<br>4.1<br>25  |                |                | 81<br>7.8<br>45    | 88<br>-1.7<br>25   | 94<br>11.1<br>52  |                 |               |                |                  |                  |                  |
| BC 161526<br>85862696<br>BMAFBC161526 |              | X 088062  |        | 95<br>63         | 85<br>69      | 121<br>77 | 102<br>38 | 82<br>42    | 83<br>54  |              |             |               | 101<br>0.28<br>62  | 83<br>0.62<br>67   | 95<br>2<br>38   | 85<br>3.2<br>69  | 121<br>4.5<br>77  | 101<br>45<br>61       |             | 85<br>7.7<br>28  |                |                | 85<br>4.0<br>52    | 76<br>0.8<br>22    | 99<br>14.2<br>52  |                 |               |                |                  |                  |                  |
| BC 161540<br>85862746<br>BMAFBC161540 |              | X 088103  |        | 105<br>64        | 87<br>70      | 101<br>78 | 95<br>38  | 91<br>43    | 80<br>55  |              |             |               | 106<br>-0.16<br>63 | 94<br>0.19<br>68   | 103<br>11<br>38 | 87<br>4.4<br>70  | 101<br>-1.3<br>78 | 83<br>3<br>62         |             | 85<br>7.3<br>28  |                |                | 104<br>-10.4<br>50 | 83<br>-0.7<br>25   | 96<br>12.1<br>54  |                 |               |                |                  |                  |                  |
| BC 171002<br>87111316<br>BMAFBC171002 |              | X 040080  |        | 121<br>68        | 87<br>69      | 94<br>75  | 102<br>24 | 95<br>46    | 91<br>53  |              | 84<br>6     |               | 117<br>-1.10<br>69 | 104<br>-0.21<br>66 | 96<br>3<br>24   | 87<br>4.5<br>69  | 94<br>-3.1<br>75  | 80<br>-4<br>56        |             | 86<br>8.5<br>43  | 92<br>45<br>21 | 87<br>-25<br>9 | 91<br>6.0<br>22    | 103<br>-9.9<br>54  | 99<br>-3.9<br>30  | 88<br>7.6<br>55 | 99<br>1<br>22 | 91<br>4<br>22  | 83<br>-0.84<br>6 | 91<br>-0.40<br>6 | 103<br>0.46<br>5 |
| BC 171007<br>87111415<br>BMAFBC171007 |              | X 040085  |        | 121<br>69        | 73<br>68      | 84<br>75  | 137<br>24 | 82<br>47    | 85<br>53  |              |             |               | 123<br>-1.55<br>70 | 87<br>0.47<br>67   | 59<br>-39<br>24 | 73<br>-3.3<br>68 | 84<br>-5.8<br>75  | 69<br>-31<br>56       |             | 70<br>-4.6<br>38 | 69<br>-39<br>7 | 63<br>1<br>5   | 76<br>-2.5<br>7    | 89<br>0.7<br>57    | 83<br>-0.8<br>32  | 87<br>6.9<br>53 | 85<br>-8<br>8 | 75<br>-11<br>7 |                  |                  |                  |
| BC 171010<br>87111548<br>BC171010     |              | BC 141026 |        | 102<br>67        | 88<br>67      | 113<br>74 | 122<br>32 | 96<br>41    | 107<br>53 |              |             |               | 101<br>0.25<br>68  | 102<br>-0.15<br>64 | 78<br>-18<br>32 | 88<br>5.2<br>67  | 113<br>2.4<br>74  | 108<br>60<br>58       |             | 85<br>7.3<br>30  |                |                | 99<br>-6.6<br>53   | 102<br>-4.5<br>21  | 92<br>9.8<br>50   |                 |               |                |                  |                  |                  |
| BC 171048<br>87111696<br>BC171048     |              | X 073245  |        | 93<br>67         | 97<br>67      | 79<br>74  | 118<br>63 | 100<br>43   | 91<br>58  |              |             |               | 98<br>0.50<br>68   | 86<br>0.51<br>65   | 86<br>-9<br>63  | 97<br>10.6<br>67 | 79<br>-7.3<br>74  | 83<br>2<br>68         |             | 91<br>12.0<br>33 |                |                | 93<br>-1.7<br>53   | 110<br>-6.1<br>28  | 98<br>13.3<br>48  |                 |               |                |                  |                  |                  |
| BC 171071<br>87111860<br>BC171071     |              | X 130064  |        | 85<br>67         | 98<br>66      | 93<br>71  | 132<br>63 | 88<br>42    | 94<br>57  |              |             |               | 88<br>1.34<br>68   | 94<br>0.18<br>64   | 66<br>-32<br>63 | 98<br>10.7<br>66 | 93<br>-3.3<br>71  | 107<br>59<br>67       |             | 94<br>14.2<br>30 |                |                | 95<br>-3.5<br>53   | 96<br>-3.3<br>24   | 83<br>4.4<br>50   |                 |               |                |                  |                  |                  |
| BC 171120<br>87127239<br>BC171120     |              | BC 141223 |        | 94<br>69         | 92<br>68      | 108<br>75 | 89<br>32  | 96<br>45    | 84<br>54  |              |             |               | 95<br>0.77<br>69   | 98<br>0.03<br>67   | 109<br>18<br>32 | 92<br>7.6<br>68  | 108<br>0.8<br>75  | 93<br>25<br>58        |             | 91<br>11.9<br>34 | 86<br>20<br>6  |                | 91<br>5.7<br>6     | 108<br>-13.7<br>54 | 98<br>-3.6<br>31  | 88<br>7.5<br>49 | 100<br>2<br>6 | 93<br>7<br>6   |                  |                  |                  |
| BC 171121<br>87127502<br>BC171121     |              | BC 141167 |        | 107<br>67        | 82<br>68      | 98<br>74  | 128<br>22 | 90<br>45    | 94<br>52  |              |             |               | 109<br>-0.37<br>68 | 92<br>0.25<br>64   | 71<br>-25<br>22 | 82<br>1.7<br>68  | 98<br>-2.0<br>74  | 89<br>16<br>55        |             | 80<br>3.9<br>32  |                |                | 98<br>-5.9<br>53   | 95<br>-3.0<br>30   | 87<br>6.5<br>51   |                 |               |                |                  |                  |                  |

Green: >120 High  
White: 80-120 Average  
Orange: <80 Low

|           |            |
|-----------|------------|
| Value <80 | Value >120 |
|-----------|------------|

| Animal                                |              |           |        | Selection Values |               |           |           |             |           |              |             | Birth         |                    | Wean               |                 |                   |                  | Growth                |                   |                | Fertility |               |                    |                   | Frame              |                   | Carcass          |               |               |          |  |
|---------------------------------------|--------------|-----------|--------|------------------|---------------|-----------|-----------|-------------|-----------|--------------|-------------|---------------|--------------------|--------------------|-----------------|-------------------|------------------|-----------------------|-------------------|----------------|-----------|---------------|--------------------|-------------------|--------------------|-------------------|------------------|---------------|---------------|----------|--|
| Index<br>EBV<br>Acc                   | % Inbreeding | Sire ID   | Dam ID | Calv. Ease V     | Calf Growth V | Milk V    | Maint. V  | Fertility V | Cow Value | Growth Value | Prod. Value | Carcass Value | Birth wt dir       | Birth mat          | Mature wt       | Wean wt           | Wean mat         | Cow-Calf Ratio (Wean) | Postwean wt       | ADG            | FCR       | Scrotal Circ. | Heifer Fertility   | Cow Fertility     | Longevity          | Height            | Length           | EMA           | Fat           | Marbling |  |
| ID<br>Number<br>Name                  |              |           |        |                  |               |           |           |             |           |              |             |               |                    |                    |                 |                   |                  |                       |                   |                |           |               |                    |                   |                    |                   |                  |               |               |          |  |
| BC 171166<br>87136487<br>BC171166     | X            | 110149    |        | 82<br>67         | 93<br>68      | 114<br>74 | 96<br>34  | 81<br>43    | 75<br>53  |              |             |               | 89<br>1.26<br>68   | 84<br>0.58<br>64   | 102<br>9<br>34  | 93<br>8.1<br>68   | 114<br>2.5<br>74 | 102<br>46<br>59       | 90<br>11.7<br>34  |                |           |               | 79<br>9.2<br>51    | 93<br>-2.6<br>30  | 86<br>6.4<br>49    |                   |                  |               |               |          |  |
| BC 171185<br>87138202<br>BC171185     | X            | 120073    |        | 105<br>68        | 82<br>68      | 118<br>75 | 110<br>22 | 87<br>44    | 92<br>52  |              |             |               | 106<br>-0.13<br>69 | 96<br>0.11<br>66   | 91<br>-3<br>22  | 82<br>1.6<br>68   | 118<br>3.6<br>75 | 98<br>37<br>55        | 80<br>3.4<br>35   |                |           |               | 92<br>-1.3<br>54   | 85<br>-1.0<br>31  | 96<br>12.2<br>48   |                   |                  |               |               |          |  |
| BC 171239<br>87219093<br>BC171239     | X            | 090189    |        | 96<br>70         | 91<br>71      | 113<br>75 | 111<br>30 | 89<br>44    | 94<br>54  |              |             |               | 92<br>1.01<br>71   | 125<br>-1.03<br>66 | 90<br>-4<br>30  | 91<br>6.8<br>71   | 113<br>2.2<br>75 | 104<br>51<br>59       | 91<br>12.0<br>46  | 99<br>70<br>31 |           |               |                    | 88<br>4.5<br>35   | 103<br>-10.2<br>53 | 85<br>-1.1<br>30  | 90<br>8.5<br>50  | 97<br>0<br>36 | 90<br>4<br>34 |          |  |
| BC 171505<br>87382354<br>BC171505     | X            | 088090    |        | 113<br>66        | 91<br>67      | 86<br>74  | 121<br>24 | 95<br>42    | 97<br>51  |              |             |               | 112<br>-0.68<br>67 | 97<br>0.08<br>64   | 81<br>-15<br>24 | 91<br>7.0<br>67   | 86<br>-5.4<br>74 | 84<br>4<br>55         | 89<br>10.5<br>30  |                |           |               | 99<br>-6.3<br>47   | 102<br>-4.4<br>27 | 91<br>9.2<br>51    |                   |                  |               |               |          |  |
| BC 171508<br>87399549<br>BC171508     | X            | 088052    |        | 108<br>66        | 88<br>67      | 120<br>74 | 98<br>62  |             |           |              |             |               | 109<br>-0.45<br>67 | 93<br>0.22<br>64   | 99<br>6<br>62   | 88<br>5.2<br>67   | 120<br>4.3<br>74 | 103<br>49<br>68       | 88<br>9.7<br>26   |                |           |               | 80<br>8.5<br>22    |                   | 96<br>12.3<br>50   |                   |                  |               |               |          |  |
| BC 171543<br>87399796<br>BMAFBC171543 | X            | 088055    |        | 101<br>68        | 83<br>67      | 118<br>75 | 123<br>27 | 103<br>44   | 110<br>53 |              |             |               | 105<br>-0.08<br>68 | 87<br>0.46<br>66   | 77<br>-19<br>27 | 83<br>2.4<br>67   | 118<br>3.5<br>75 | 106<br>56<br>56       | 82<br>5.1<br>36   | 86<br>21<br>7  |           |               |                    | 91<br>5.9<br>8    | 108<br>-13.9<br>53 | 104<br>-4.9<br>30 | 98<br>13.7<br>50 | 101<br>2<br>9 | 91<br>4<br>8  |          |  |
| BC 171572<br>87400362<br>BC171572     |              | BC 141548 |        | 96<br>67         | 103<br>68     | 130<br>74 | 95<br>63  | 104<br>44   | 116<br>58 |              |             |               | 98<br>0.47<br>68   | 93<br>0.22<br>65   | 101<br>9<br>63  | 103<br>13.6<br>68 | 130<br>6.9<br>74 | 125<br>101<br>68      | 101<br>19.6<br>30 |                |           |               | 108<br>-13.6<br>52 | 107<br>-5.4<br>30 | 97<br>13.0<br>50   |                   |                  |               |               |          |  |
| BC 171575<br>87400800<br>BMAFBC171575 | X            | 088155    |        | 105<br>68        | 87<br>67      | 115<br>75 | 96<br>63  | 103<br>44   | 98<br>58  |              |             |               | 105<br>-0.10<br>68 | 96<br>0.11<br>66   | 101<br>8<br>63  | 87<br>4.7<br>67   | 115<br>2.7<br>75 | 96<br>33<br>68        | 87<br>9.2<br>32   |                |           |               | 113<br>-17.9<br>52 | 98<br>-3.7<br>30  | 99<br>14.0<br>49   |                   |                  |               |               |          |  |
| BC 171579<br>87400834<br>BC171579     |              | BC 122024 |        | 99<br>70         | 89<br>70      | 122<br>74 | 102<br>32 | 88<br>40    | 93<br>54  |              |             |               | 102<br>0.18<br>71  | 91<br>0.29<br>66   | 95<br>2<br>32   | 89<br>5.5<br>70   | 122<br>4.8<br>74 | 107<br>58<br>59       | 87<br>9.2<br>28   |                |           |               | 101<br>-8.2<br>46  | 87<br>-1.4<br>27  | 87<br>6.9<br>48    |                   |                  |               |               |          |  |
| BC 181005<br>88521497<br>BC181005     | X            | 083064    |        | 102<br>70        | 89<br>71      | 117<br>73 | 102<br>6  | 104<br>42   | 104<br>50 |              |             |               | 106<br>-0.18<br>72 | 85<br>0.55<br>65   | 95<br>2<br>6    | 89<br>6.0<br>71   | 117<br>3.3<br>73 | 103<br>50<br>50       | 90<br>11.5<br>30  |                |           |               | 102<br>-9.2<br>52  | 106<br>-5.2<br>27 | 102<br>16.3<br>48  |                   |                  |               |               |          |  |
| BC 181029<br>89439186<br>BC181029     | X            | 070126    |        | 107<br>67        | 88<br>68      | 112<br>73 |           | 88<br>45    |           |              |             |               | 103<br>0.06<br>68  | 108<br>-0.38<br>65 |                 | 88<br>5.3<br>68   | 112<br>2.1<br>73 |                       | 87<br>8.7<br>40   |                |           |               |                    |                   |                    |                   |                  |               |               |          |  |

Breeding Values and Accuracies: Cows

Green: >120    High

White: 80-120 Average

Orange: <80    Low

Inbreeding in red is high

Value <80Value >120

Breeding values with an accuracy < 5% are not printed

| Animal                                |              |           |        | Selection Values |               |           |          |             |           |              |             |               | Birth              |                    | Wean      |                   |                   |                       | Growth          |                   |                  | Fertility     |                    |                    |                   | Frame             |                   | Carcass       |               |                  |                  |                  |  |  |
|---------------------------------------|--------------|-----------|--------|------------------|---------------|-----------|----------|-------------|-----------|--------------|-------------|---------------|--------------------|--------------------|-----------|-------------------|-------------------|-----------------------|-----------------|-------------------|------------------|---------------|--------------------|--------------------|-------------------|-------------------|-------------------|---------------|---------------|------------------|------------------|------------------|--|--|
| Index<br>EBV<br>Acc                   | % Inbreeding | Sire ID   | Dam ID | Calv. Ease V     | Calf Growth V | Milk V    | Maint. V | Fertility V | Cow Value | Growth Value | Prod. Value | Carcass Value | Birth wt dir       | Birth mat          | Mature wt | Wean wt           | Wean mat          | Cow-Calf Ratio (Wean) | Postwean wt     | ADG               | FCR              | Scrotal Circ. | Heifer Fertility   | Cow Fertility      | Longevity         | Height            | Length            | EMA           | Fat           | Marbling         |                  |                  |  |  |
| ID Number<br>Name                     |              |           |        |                  |               |           |          |             |           |              |             |               |                    |                    |           |                   |                   |                       |                 |                   |                  |               |                    |                    |                   |                   |                   |               |               |                  |                  |                  |  |  |
| BC 181223<br>88522719<br>BC181223     | X            | 130115    |        | 104<br>65        | 89<br>66      | 100<br>71 |          | 82<br>41    |           |              |             |               | 105<br>-0.06<br>66 | 97<br>0.08<br>61   |           | 89<br>5.6<br>66   | 100<br>-1.3<br>71 | 92<br>23<br>47        |                 | 86<br>8.4<br>34   |                  |               | 93<br>-1.8<br>50   | 82<br>-0.5<br>27   | 85<br>5.8<br>47   |                   |                   |               |               |                  |                  |                  |  |  |
| BC 181524<br>88523022<br>BMAFBC181524 | X            | 088005    |        | 101<br>64        | 88<br>56      | 115<br>71 | 109<br>6 | 81<br>31    | 88<br>43  |              |             |               | 103<br>0.13<br>64  | 93<br>0.21<br>62   |           | 92<br>-2<br>6     | 88<br>5.1<br>56   | 115<br>2.8<br>71      | 102<br>46<br>44 |                   | 87<br>8.6<br>30  |               |                    | 69<br>16.8<br>34   | 86<br>-1.3<br>10  | 99<br>14.5<br>48  |                   |               |               |                  |                  |                  |  |  |
| BC 181577<br>88523386<br>BC181577     |              | BC 122021 |        | 109<br>66        | 103<br>66     | 98<br>72  |          | 106<br>39   |           |              |             |               | 108<br>-0.32<br>67 | 101<br>-0.08<br>64 |           | 103<br>14.1<br>66 | 98<br>-2.1<br>72  | 102<br>47<br>46       |                 | 102<br>20.4<br>26 |                  |               | 112<br>-16.7<br>46 | 106<br>-5.2<br>25  | 100<br>14.9<br>47 |                   |                   |               |               |                  |                  |                  |  |  |
| BC 181596<br>88523527<br>BC181596     | X            | 088019    |        | 109<br>65        | 93<br>66      | 124<br>72 | 97<br>6  | 92<br>41    | 103<br>47 |              |             | 90<br>6       | 103<br>0.06<br>66  | 113<br>-0.57<br>63 |           | 100<br>7<br>6     | 93<br>8.1<br>66   | 124<br>5.4<br>72      | 111<br>68<br>48 |                   | 92<br>12.6<br>40 | 94<br>49<br>7 | 102<br>-41<br>8    | 97<br>9.2<br>8     | 77<br>10.3<br>52  | 100<br>-4.2<br>24 | 102<br>15.9<br>47 | 106<br>5<br>9 | 99<br>12<br>8 | 84<br>-0.72<br>7 | 96<br>-0.12<br>6 | 84<br>-0.63<br>6 |  |  |
| BC 191005<br>90126384<br>BC191005     |              | BC 153011 |        | 100<br>61        | 89<br>61      | 102<br>66 |          | 85<br>36    |           |              |             |               | 99<br>0.41<br>62   | 102<br>-0.12<br>56 |           | 89<br>5.5<br>61   | 102<br>-0.9<br>66 |                       |                 | 87<br>8.8<br>24   |                  |               | 79<br>9.3<br>44    | 96<br>-3.3<br>20   | 91<br>9.4<br>43   |                   |                   |               |               |                  |                  |                  |  |  |
| BC 191010<br>90126434<br>BC191010     |              | BC 153016 |        | 117<br>62        | 83<br>61      | 93<br>66  |          | 86<br>36    |           |              |             |               | 117<br>-1.06<br>63 | 93<br>0.21<br>57   |           | 83<br>2.5<br>61   | 93<br>-3.5<br>66  |                       |                 | 83<br>6.1<br>24   |                  |               | 93<br>-2.2<br>44   | 89<br>-1.8<br>21   | 88<br>7.4<br>43   |                   |                   |               |               |                  |                  |                  |  |  |
| BC 191018<br>90126509<br>BC191018     |              | BC 161232 |        | 87<br>62         | 95<br>63      | 139<br>67 |          | 86<br>38    |           |              |             |               | 87<br>1.44<br>64   | 104<br>-0.23<br>57 |           | 95<br>9.0<br>63   | 139<br>9.4<br>67  |                       |                 | 92<br>13.2<br>28  |                  |               | 84<br>5.3<br>48    | 94<br>-2.8<br>23   | 92<br>9.8<br>44   |                   |                   |               |               |                  |                  |                  |  |  |
| BC 191038<br>90126673<br>BC191038     |              | BC 122033 |        | 105<br>63        | 79<br>63      | 104<br>68 |          | 88<br>40    |           |              |             |               | 106<br>-0.19<br>64 | 94<br>0.19<br>59   |           | 79<br>-0.1<br>63  | 104<br>-0.2<br>68 |                       |                 | 76<br>0.5<br>32   |                  |               | 89<br>1.1<br>48    | 89<br>-1.8<br>26   | 95<br>11.8<br>45  |                   |                   |               |               |                  |                  |                  |  |  |
| BC 191041<br>90130220<br>BMAFBC191041 | X            | 10071     |        | 99<br>53         | 88<br>64      | 110<br>68 |          | 83<br>39    |           |              |             |               | 101<br>0.22<br>52  | 92<br>0.27<br>57   |           | 88<br>5.1<br>64   | 110<br>1.3<br>68  |                       |                 | 85<br>7.7<br>25   |                  |               | 81<br>7.4<br>44    | 88<br>-1.6<br>26   | 93<br>10.5<br>46  |                   |                   |               |               |                  |                  |                  |  |  |
| BC 191073<br>90126939<br>BC191073     |              | BC 162001 |        | 106<br>65        | 89<br>65      | 128<br>71 |          | 105<br>34   |           |              |             |               | 108<br>-0.29<br>66 | 93<br>0.21<br>61   |           | 89<br>5.5<br>65   | 128<br>6.4<br>71  | 112<br>70<br>46       |                 | 91<br>11.8<br>28  |                  |               | 109<br>-14.4<br>44 | 109<br>-5.9<br>12  | 97<br>12.8<br>45  |                   |                   |               |               |                  |                  |                  |  |  |
| BC 191077<br>90126970<br>BC191077     |              | BC 141138 |        | 94<br>65         | 89<br>65      | 107<br>69 | 105<br>8 | 87<br>42    | 83<br>47  |              |             |               | 93<br>0.93<br>66   | 104<br>-0.21<br>60 |           | 94<br>0<br>8      | 89<br>5.9<br>65   | 107<br>0.6<br>69      | 95<br>31<br>47  |                   | 86<br>8.3<br>30  |               |                    | 103<br>-10.2<br>51 | 83<br>-0.7<br>30  | 87<br>6.8<br>46   |                   |               |               |                  |                  |                  |  |  |
| BC 191083<br>90127028<br>BC191083     |              | BC 131166 |        | 95<br>64         | 98<br>64      | 129<br>69 | 87<br>15 | 101<br>41   | 104<br>48 |              |             |               | 96<br>0.68<br>65   | 98<br>0.02<br>60   |           | 111<br>19<br>15   | 98<br>10.8<br>64  | 129<br>6.8<br>69      | 115<br>77<br>49 |                   | 96<br>15.8<br>28 |               |                    | 100<br>-7.6<br>51  | 102<br>-4.6<br>28 | 102<br>16.0<br>45 |                   |               |               |                  |                  |                  |  |  |

# Breeding Values and Accuracies: Cows

Green: >120    High  
White: 80-120 Average  
Orange: <80    Low

| Inbreeding in red is high         |              |         |        |                  |               |           |           |             |           | Value <80    |             | Value >120    |                    | Breeding values with an accuracy < 5% are not printed |           |                   |                  |                       |                 |                   |                  |               |                  |                  |                    |                   |                  |               |               |          |  |  |  |
|-----------------------------------|--------------|---------|--------|------------------|---------------|-----------|-----------|-------------|-----------|--------------|-------------|---------------|--------------------|-------------------------------------------------------|-----------|-------------------|------------------|-----------------------|-----------------|-------------------|------------------|---------------|------------------|------------------|--------------------|-------------------|------------------|---------------|---------------|----------|--|--|--|
| Animal                            |              |         |        | Selection Values |               |           |           |             |           |              | Birth       |               | Wean               |                                                       |           |                   | Growth           |                       |                 | Fertility         |                  |               |                  | Frame            |                    | Carcass           |                  |               |               |          |  |  |  |
| Index<br>EBV<br>Acc               | % Inbreeding | Sire ID | Dam ID | Calv. Ease V     | Calf Growth V | Milk V    | Maint. V  | Fertility V | Cow Value | Growth Value | Prod. Value | Carcass Value | Birth wt dir       | Birth mat                                             | Mature wt | Wean wt           | Wean mat         | Cow-Calf Ratio (Wean) | Postwean wt     | ADG               | FCR              | Scrotal Circ. | Heifer Fertility | Cow Fertility    | Longevity          | Height            | Length           | EMA           | Fat           | Marbling |  |  |  |
| ID<br>Number<br>Name              |              |         |        |                  |               |           |           |             |           |              |             |               |                    |                                                       |           |                   |                  |                       |                 |                   |                  |               |                  |                  |                    |                   |                  |               |               |          |  |  |  |
| BC 191094<br>90127093<br>BC191094 | X            | 120096  |        | 84<br>64         | 110<br>65     | 109<br>68 |           | 96<br>42    |           |              |             |               | 89<br>1.25<br>66   | 90<br>0.35<br>59                                      |           | 110<br>17.9<br>65 | 109<br>1.0<br>68 | 112<br>70<br>46       |                 | 107<br>24.3<br>30 |                  |               |                  | 98<br>-5.6<br>51 | 109<br>-5.8<br>30  | 88<br>7.1<br>44   |                  |               |               |          |  |  |  |
| BC 191097<br>90127119<br>BC191097 | X            | 083064  |        | 94<br>64         | 88<br>65      | 116<br>69 | 104<br>17 | 97<br>41    | 94<br>48  |              |             |               | 95<br>0.78<br>65   | 99<br>-0.02<br>59                                     |           | 95<br>1<br>17     | 88<br>5.1<br>65  | 116<br>3.1<br>69      | 101<br>45<br>50 |                   | 86<br>7.9<br>28  |               |                  |                  | 96<br>-4.5<br>50   | 101<br>-4.2<br>28 | 96<br>12.5<br>44 |               |               |          |  |  |  |
| BC 191098<br>90127127<br>BC191098 | BC           | 161101  |        | 97<br>64         | 89<br>65      | 116<br>69 | 110<br>16 | 93<br>40    | 97<br>48  |              |             |               | 100<br>0.36<br>66  | 93<br>0.22<br>59                                      |           | 91<br>-3<br>16    | 89<br>5.5<br>65  | 116<br>3.1<br>69      | 104<br>51<br>50 |                   | 86<br>8.4<br>30  |               |                  |                  | 89<br>1.5<br>48    | 99<br>-3.8<br>30  | 96<br>12.6<br>42 |               |               |          |  |  |  |
| BC 191523<br>90128539<br>BC191523 | BC           | 151543  |        | 83<br>64         | 88<br>63      | 131<br>67 | 112<br>6  | 81<br>39    | 90<br>45  |              |             |               | 88<br>1.30<br>65   | 89<br>0.36<br>59                                      |           | 89<br>-6<br>6     | 88<br>4.9<br>63  | 131<br>7.2<br>67      | 116<br>81<br>45 |                   | 85<br>7.3<br>34  | 84<br>13<br>5 |                  | 88<br>4.2<br>5   | 81<br>7.7<br>47    | 88<br>-1.7<br>27  | 89<br>7.7<br>42  | 98<br>0<br>5  | 90<br>4<br>5  |          |  |  |  |
| BC 201005<br>91612101<br>BC201005 | BC           | 171206  |        | 108<br>60        | 97<br>61      | 102<br>62 | 108<br>15 | 80<br>38    | 91<br>45  |              |             |               | 108<br>-0.36<br>62 | 96<br>0.11<br>52                                      |           | 93<br>-1<br>15    | 97<br>10.1<br>61 | 102<br>-0.8<br>62     | 100<br>41<br>46 |                   | 93<br>13.4<br>30 | 92<br>45<br>5 |                  | 95<br>8.3<br>5   | 79<br>8.7<br>50    | 93<br>-2.6<br>25  | 84<br>4.8<br>40  | 104<br>4<br>5 | 98<br>12<br>5 |          |  |  |  |
| BC 201019<br>91612226<br>BC201019 | BC           | 161104  |        | 88<br>60         | 97<br>61      | 109<br>62 | 114<br>8  | 84<br>38    | 91<br>43  |              |             |               | 91<br>1.05<br>62   | 91<br>0.29<br>53                                      |           | 88<br>-7<br>8     | 97<br>10.4<br>61 | 109<br>1.2<br>62      | 109<br>63<br>44 |                   | 96<br>15.7<br>25 |               |                  |                  | 84<br>5.4<br>50    | 104<br>-4.9<br>24 | 76<br>0.1<br>40  |               |               |          |  |  |  |
| BC 201029<br>91612309<br>BC201029 | BC           | 131166  |        | 116<br>61        | 76<br>62      | 91<br>65  | 115<br>15 | 89<br>38    | 81<br>45  |              |             |               | 112<br>-0.68<br>62 | 106<br>-0.30<br>56                                    |           | 88<br>-6<br>15    | 76<br>-1.7<br>62 | 91<br>-4.0<br>65      | 68<br>-32<br>47 |                   | 74<br>-1.0<br>28 |               |                  |                  | 91<br>-0.6<br>48   | 86<br>-1.3<br>24  | 99<br>14.0<br>42 |               |               |          |  |  |  |
| BC 201035<br>91612366<br>BC201035 | BC           | 121306  |        | 112<br>60        | 91<br>61      | 107<br>64 |           | 93<br>36    |           |              |             |               | 111<br>-0.60<br>62 | 98<br>0.03<br>54                                      |           |                   | 91<br>7.0<br>61  | 107<br>0.5<br>64      |                 |                   | 88<br>10.0<br>27 |               |                  |                  | 82<br>6.7<br>47    | 109<br>-5.9<br>21 | 93<br>10.5<br>39 |               |               |          |  |  |  |
| BC 201037<br>91612374<br>BC201037 | BC           | 141301  |        | 96<br>49         | 89<br>54      | 108<br>37 |           |             |           |              |             |               | 100<br>0.34<br>54  | 89<br>0.39<br>33                                      |           |                   | 89<br>6.0<br>54  | 108<br>0.8<br>37      |                 |                   | 89<br>10.3<br>25 |               |                  |                  |                    |                   | 89<br>7.7<br>30  |               |               |          |  |  |  |
| BC 201042<br>91613836<br>BC201042 | BC           | 131304  |        | 101<br>62        | 85<br>60      | 109<br>63 |           | 103<br>36   |           |              |             |               | 100<br>0.35<br>63  | 103<br>-0.18<br>57                                    |           |                   | 85<br>3.7<br>60  | 109<br>1.1<br>63      |                 |                   | 83<br>5.7<br>25  |               |                  |                  | 124<br>-26.1<br>46 | 100<br>-4.1<br>24 | 88<br>7.4<br>37  |               |               |          |  |  |  |
| BC 201046<br>91613869<br>BC201046 | BC           | 141332  |        | 96<br>58         | 91<br>59      | 109<br>62 |           | 82<br>35    |           |              |             |               | 100<br>0.33<br>60  | 88<br>0.43<br>52                                      |           |                   | 91<br>6.8<br>59  | 109<br>1.1<br>62      |                 |                   | 91<br>11.7<br>26 |               |                  |                  | 84<br>5.4<br>46    | 87<br>-1.5<br>21  | 90<br>8.3<br>38  |               |               |          |  |  |  |
| BC 201054<br>91612440<br>BC201054 | BC           | 171202  |        | 101<br>61        | 75<br>62      | 101<br>63 | 103<br>32 | 79<br>38    | 64<br>48  |              |             |               | 101<br>0.26<br>63  | 99<br>0.00<br>54                                      |           | 96<br>2<br>32     | 75<br>-2.4<br>62 | 101<br>-1.1<br>63     | 74<br>-20<br>52 |                   | 73<br>-2.2<br>27 |               |                  |                  | 85<br>3.9<br>49    | 86<br>-1.3<br>26  | 82<br>3.4<br>40  |               |               |          |  |  |  |

# Breeding Values and Accuracies: Cows

Green: >120 High  
White: 80-120 Average  
Orange: <80 Low

Inbreeding in red is high

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

| Animal                            |              |                   | Selection Values |               |           |           |             |           |              |             | Birth         |                    | Wean               |                 |                   |                   | Growth                |             |                   | Fertility     |               |                  |                    | Frame             |                  | Carcass       |               |     |          |  |
|-----------------------------------|--------------|-------------------|------------------|---------------|-----------|-----------|-------------|-----------|--------------|-------------|---------------|--------------------|--------------------|-----------------|-------------------|-------------------|-----------------------|-------------|-------------------|---------------|---------------|------------------|--------------------|-------------------|------------------|---------------|---------------|-----|----------|--|
| Index<br>EBV<br>Acc               | % Inbreeding | Sire ID<br>Dam ID | Calv. Ease V     | Calf Growth V | Milk V    | Maint. V  | Fertility V | Cow Value | Growth Value | Prod. Value | Carcass Value | Birth wt dir       | Birth mat          | Mature wt       | Wean wt           | Wean mat          | Cow-Calf Ratio (Wean) | Postwean wt | ADG               | FCR           | Scrotal Circ. | Heifer Fertility | Cow Fertility      | Longevity         | Height           | Length        | EMA           | Fat | Marbling |  |
| ID<br>Number<br>Name              |              |                   |                  |               |           |           |             |           |              |             |               |                    |                    |                 |                   |                   |                       |             |                   |               |               |                  |                    |                   |                  |               |               |     |          |  |
| BC 201055<br>91612457<br>BC201055 |              | BC 141098         | 95<br>62         | 96<br>64      | 77<br>65  | 115<br>8  | 85<br>39    | 77<br>45  |              |             |               | 94<br>0.87<br>64   | 106<br>-0.28<br>56 | 88<br>-7<br>8   | 96<br>9.9<br>64   | 77<br>-7.8<br>65  | 80<br>-6<br>46        |             | 92<br>12.9<br>32  | 78<br>-7<br>6 |               | 82<br>0.7<br>6   | 76<br>11.6<br>51   | 99<br>-3.9<br>23  | 91<br>9.0<br>43  | 89<br>-5<br>6 | 81<br>-5<br>6 |     |          |  |
| BC 201057<br>91613893<br>BC201057 |              | BC 121303         | 92<br>57         | 85<br>58      | 99<br>61  |           | 92<br>35    |           |              |             |               | 98<br>0.52<br>59   | 83<br>0.61<br>50   |                 | 85<br>3.7<br>58   | 99<br>-1.8<br>61  |                       |             | 84<br>6.5<br>26   |               |               |                  | 90<br>0.6<br>46    | 97<br>-3.6<br>21  | 95<br>11.8<br>38 |               |               |     |          |  |
| BC 201067<br>91612549<br>BC201067 |              | X 113169          | 81<br>61         | 103<br>63     | 137<br>65 |           | 79<br>38    |           |              |             |               | 84<br>1.69<br>63   | 96<br>0.10<br>56   |                 | 103<br>13.7<br>63 | 137<br>8.9<br>65  |                       |             | 102<br>20.4<br>30 |               |               |                  | 77<br>10.4<br>48   | 84<br>-0.8<br>23  | 92<br>9.7<br>43  |               |               |     |          |  |
| BC 201089<br>91612739<br>BC201089 |              | BC 161182         | 108<br>59        | 81<br>58      | 93<br>57  |           | 80<br>35    |           |              |             |               | 106<br>-0.14<br>61 | 103<br>-0.18<br>54 |                 | 81<br>1.3<br>58   | 93<br>-3.4<br>57  |                       |             | 79<br>2.5<br>26   |               |               |                  | 87<br>2.6<br>46    | 82<br>-0.4<br>21  | 88<br>7.3<br>38  |               |               |     |          |  |
| BC 201099<br>91612812<br>BC201099 |              | BC 131306         | 87<br>57         | 104<br>58     | 107<br>61 |           | 86<br>35    |           |              |             |               | 89<br>1.21<br>59   | 96<br>0.12<br>50   |                 | 104<br>14.6<br>58 | 107<br>0.6<br>61  |                       |             | 100<br>19.1<br>26 |               |               |                  | 75<br>12.4<br>46   | 99<br>-3.8<br>21  | 94<br>11.1<br>38 |               |               |     |          |  |
| BC 201100<br>91612820<br>BC201100 |              | X 120150          | 95<br>61         | 86<br>63      | 128<br>64 | 101<br>6  | 79<br>40    | 85<br>44  |              |             |               | 94<br>0.80<br>63   | 103<br>-0.16<br>55 | 96<br>2<br>6    | 86<br>4.1<br>63   | 128<br>6.4<br>64  | 109<br>63<br>44       |             | 82<br>4.8<br>34   | 88<br>29<br>6 |               | 93<br>7.1<br>7   | 81<br>7.5<br>51    | 80<br>0.0<br>27   | 92<br>10.1<br>43 | 102<br>2<br>7 | 95<br>9<br>7  |     |          |  |
| BC 201112<br>91611921<br>BC201112 |              | BC 171071         | 81<br>51         | 98<br>56      | 101<br>37 | 123<br>32 | 82<br>23    | 87<br>37  |              |             |               | 82<br>1.81<br>56   | 100<br>-0.07<br>35 | 79<br>-17<br>32 | 98<br>10.7<br>56  | 101<br>-1.1<br>37 | 107<br>59<br>42       |             | 92<br>13.1<br>26  |               |               |                  | 86<br>3.5<br>26    | 94<br>-2.9<br>12  | 79<br>2.1<br>32  |               |               |     |          |  |
| BC 201113<br>91612937<br>BC201113 |              | BC 161101         | 99<br>62         | 84<br>63      | 102<br>65 | 118<br>16 | 83<br>39    | 84<br>46  |              |             |               | 96<br>0.66<br>64   | 109<br>-0.41<br>56 | 84<br>-11<br>16 | 84<br>3.0<br>63   | 102<br>-0.8<br>65 | 89<br>17<br>48        |             | 82<br>5.4<br>29   |               |               |                  | 83<br>6.1<br>50    | 91<br>-2.4<br>26  | 88<br>7.6<br>41  |               |               |     |          |  |
| BC 201505<br>91613299<br>BC201505 |              | BC 171509         | 121<br>63        | 76<br>62      | 105<br>63 |           | 102<br>39   |           |              |             |               | 118<br>-1.15<br>65 | 102<br>-0.15<br>58 |                 | 76<br>-1.7<br>62  | 105<br>-0.1<br>63 |                       |             | 74<br>-0.7<br>26  |               |               |                  | 125<br>-27.3<br>50 | 100<br>-4.2<br>27 | 86<br>6.0<br>41  |               |               |     |          |  |
| BC 211001<br>93079630<br>BC211001 |              | BC 181304         | 119<br>53        | 78<br>55      | 116<br>54 |           | 89<br>30    |           |              |             |               | 121<br>-1.44<br>56 | 87<br>0.47<br>44   |                 | 78<br>-0.6<br>55  | 116<br>3.0<br>54  |                       |             | 76<br>0.4<br>24   |               |               |                  | 100<br>-7.3<br>45  | 91<br>-2.4<br>12  | 87<br>6.9<br>34  |               |               |     |          |  |
| BC 211008<br>93079697<br>BC211008 |              | BC 181097         | 100<br>58        | 79<br>60      | 127<br>58 |           | 81<br>35    |           |              |             |               | 100<br>0.37<br>60  | 100<br>-0.07<br>49 |                 | 79<br>0.1<br>60   | 127<br>6.1<br>58  |                       |             | 78<br>2.3<br>26   |               |               |                  | 93<br>-2.2<br>48   | 81<br>-0.2<br>19  | 85<br>5.6<br>37  |               |               |     |          |  |
| BC 211023<br>93079838<br>BC211023 |              | BC 181029         | 111<br>59        | 93<br>60      | 107<br>58 |           | 82<br>36    |           |              |             |               | 111<br>-0.61<br>61 | 94<br>0.18<br>50   |                 | 93<br>8.3<br>60   | 107<br>0.6<br>58  |                       |             | 91<br>12.2<br>33  |               |               |                  | 77<br>10.6<br>49   | 96<br>-3.2<br>21  | 86<br>6.3<br>39  |               |               |     |          |  |

Green: >120 High  
White: 80-120 Average  
Orange: <80 Low

Breeding values with an accuracy < 5% are not printed

| Animal                            |                      |              |                   | Selection Values |               |           |           |             |           |              |             |               | Birth              |                    | Wean            |                  |                   |                       | Growth           |               |     | Fertility     |                  |                    |                   | Frame            |                 | Carcass       |               |          |  |  |
|-----------------------------------|----------------------|--------------|-------------------|------------------|---------------|-----------|-----------|-------------|-----------|--------------|-------------|---------------|--------------------|--------------------|-----------------|------------------|-------------------|-----------------------|------------------|---------------|-----|---------------|------------------|--------------------|-------------------|------------------|-----------------|---------------|---------------|----------|--|--|
| Index<br>EBV<br>Acc               | ID<br>Number<br>Name | % Inbreeding | Sire ID<br>Dam ID | Calv. Ease V     | Calf Growth V | Milk V    | Maint. V  | Fertility V | Cow Value | Growth Value | Prod. Value | Carcass Value | Birth wt dir       | Birth mat          | Mature wt       | Wean wt          | Wean mat          | Cow-Calf Ratio (Wean) | Postwean wt      | ADG           | FCR | Scrotal Circ. | Heifer Fertility | Cow Fertility      | Longevity         | Height           | Length          | EMA           | Fat           | Marbling |  |  |
|                                   |                      |              |                   |                  |               |           |           |             |           |              |             |               |                    |                    |                 |                  |                   |                       |                  |               |     |               |                  |                    |                   |                  |                 |               |               |          |  |  |
| BC 211026<br>93079861<br>BC211026 |                      |              | BC 141098         | 109<br>60        | 91<br>62      | 95<br>60  | 115<br>8  | 80<br>39    | 86<br>43  |              |             |               | 114<br>-0.81<br>62 | 81<br>0.71<br>52   | 88<br>-7<br>8   | 91<br>7.1<br>62  | 95<br>-2.8<br>60  | 90<br>18<br>43        | 90<br>11.1<br>31 | 78<br>-7<br>6 |     |               |                  | 82<br>0.7<br>6     | 78<br>9.6<br>51   | 92<br>-2.5<br>23 | 84<br>5.0<br>42 | 89<br>-5<br>6 | 81<br>-5<br>6 |          |  |  |
| BC 211038<br>93080000<br>BC211038 |                      |              | BC 181127         | 121<br>57        | 85<br>59      | 111<br>56 |           | 86<br>36    |           |              |             |               | 120<br>-1.29<br>60 | 96<br>0.09<br>47   |                 | 85<br>3.2<br>59  | 111<br>1.6<br>56  | 93<br>27<br>40        | 82<br>5.2<br>28  |               |     |               |                  | 101<br>-8.5<br>49  | 90<br>-2.0<br>20  | 80<br>2.6<br>38  |                 |               |               |          |  |  |
| BC 211045<br>93080075<br>BC211045 |                      |              | BC 181309         | 111<br>56        | 72<br>57      | 103<br>57 |           | 86<br>31    |           |              |             |               | 113<br>-0.74<br>58 | 91<br>0.32<br>47   |                 | 72<br>-4.0<br>57 | 103<br>-0.5<br>57 |                       | 71<br>-3.3<br>26 |               |     |               |                  | 103<br>-9.9<br>45  | 82<br>-0.4<br>12  | 87<br>6.5<br>35  |                 |               |               |          |  |  |
| BC 211123<br>93080885<br>BC211123 |                      |              | BC 171185         | 99<br>59         | 80<br>60      | 116<br>58 | 118<br>11 | 88<br>36    | 92<br>42  |              |             |               | 100<br>0.37<br>61  | 97<br>0.06<br>50   | 83<br>-12<br>11 | 80<br>0.7<br>60  | 116<br>3.0<br>58  | 98<br>36<br>43        | 78<br>2.0<br>30  |               |     |               |                  | 106<br>-12.4<br>49 | 85<br>-1.0<br>21  | 86<br>6.3<br>38  |                 |               |               |          |  |  |
| BC 211127<br>93080620<br>BC211127 |                      |              | BC 141342         | 107<br>55        | 78<br>56      | 104<br>55 |           | 88<br>32    |           |              |             |               | 108<br>-0.34<br>58 | 93<br>0.24<br>46   |                 | 78<br>-0.4<br>56 | 104<br>-0.3<br>55 |                       | 77<br>1.5<br>22  |               |     |               |                  | 104<br>-10.3<br>45 | 85<br>-1.1<br>12  | 87<br>6.8<br>38  |                 |               |               |          |  |  |
| BC 211508<br>93081214<br>BC211508 |                      |              | BC 171575         | 109<br>59        | 90<br>60      | 103<br>58 | 106<br>32 | 95<br>36    | 96<br>46  |              |             |               | 107<br>-0.22<br>61 | 104<br>-0.20<br>50 | 94<br>0<br>32   | 90<br>6.2<br>60  | 103<br>-0.5<br>58 | 93<br>25<br>50        | 89<br>10.5<br>28 |               |     |               |                  | 104<br>-10.2<br>49 | 102<br>-4.5<br>21 | 86<br>6.2<br>38  |                 |               |               |          |  |  |
| BC 211515<br>93081271<br>BC211515 |                      |              | BC 141547         | 107<br>60        | 84<br>60      | 131<br>60 |           | 89<br>33    |           |              |             |               | 106<br>-0.13<br>62 | 100<br>-0.05<br>52 |                 | 84<br>3.0<br>60  | 131<br>7.2<br>60  |                       | 85<br>7.7<br>30  |               |     |               |                  | 86<br>3.5<br>48    | 100<br>-4.0<br>12 | 90<br>8.7<br>38  |                 |               |               |          |  |  |
| BC 211523<br>93081313<br>BC211523 |                      |              | BC 151510         | 103<br>58        | 86<br>59      | 110<br>58 |           | 80<br>33    |           |              |             |               | 107<br>-0.24<br>60 | 87<br>0.45<br>50   |                 | 86<br>3.8<br>59  | 110<br>1.4<br>58  |                       | 84<br>6.8<br>26  |               |     |               |                  | 85<br>4.4<br>46    | 86<br>-1.2<br>12  | 86<br>5.8<br>40  |                 |               |               |          |  |  |
| BC 211524<br>93081347<br>BC211524 |                      |              | BC 171543         | 100<br>59        | 82<br>60      | 122<br>59 | 120<br>13 | 99<br>35    | 106<br>43 |              |             |               | 104<br>0.02<br>61  | 87<br>0.45<br>50   | 80<br>-15<br>13 | 82<br>1.5<br>60  | 122<br>4.6<br>59  | 106<br>56<br>44       | 80<br>3.9<br>30  |               |     |               |                  | 110<br>-15.5<br>49 | 107<br>-5.5<br>21 | 84<br>5.1<br>36  |                 |               |               |          |  |  |
| BC 211529<br>93081354<br>BC211529 |                      |              | BC 171572         | 87<br>59         | 99<br>60      | 126<br>58 | 100<br>32 | 100<br>36   | 106<br>46 |              |             |               | 92<br>0.97<br>61   | 86<br>0.50<br>50   | 97<br>3<br>32   | 99<br>11.5<br>60 | 126<br>6.0<br>58  | 121<br>92<br>50       | 98<br>17.5<br>27 |               |     |               |                  | 109<br>-14.5<br>49 | 105<br>-5.0<br>21 | 90<br>8.4<br>39  |                 |               |               |          |  |  |
| X 220005<br>94841665<br>X220005   |                      |              | BC 122109         | 108<br>55        | 80<br>58      | 114<br>52 |           |             |           |              |             |               | 109<br>-0.42<br>58 | 92<br>0.26<br>46   |                 | 80<br>0.6<br>58  | 114<br>2.4<br>52  |                       | 79<br>2.8<br>24  |               |     |               |                  | 96<br>-4.0<br>46   |                   | 89<br>8.1<br>38  |                 |               |               |          |  |  |
| X 220008<br>94841699<br>X220008   |                      |              | BC 191083         | 102<br>54        | 97<br>58      | 102<br>49 | 96<br>8   | 96<br>31    | 92<br>38  |              |             |               | 101<br>0.22<br>58  | 100<br>-0.07<br>42 | 102<br>9<br>8   | 97<br>10.3<br>58 | 102<br>-0.9<br>49 | 96<br>32<br>38        | 93<br>13.5<br>26 |               |     |               |                  | 100<br>-7.8<br>48  | 101<br>-4.4<br>14 | 91<br>9.0<br>30  |                 |               |               |          |  |  |

# Breeding Values and Accuracies: Cows

Green: >120 High  
White: 80-120 Average  
Orange: <80 Low

Inbreeding in red is high

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

| Animal                          |              |                   | Selection Values |               |           |           |             |           |              |             | Birth         |                    | Wean               |                |                  |                   | Growth                |                  |               | Fertility |                 |                    |                   | Frame           |                | Carcass        |     |     |          |  |
|---------------------------------|--------------|-------------------|------------------|---------------|-----------|-----------|-------------|-----------|--------------|-------------|---------------|--------------------|--------------------|----------------|------------------|-------------------|-----------------------|------------------|---------------|-----------|-----------------|--------------------|-------------------|-----------------|----------------|----------------|-----|-----|----------|--|
| Index<br>EBV<br>Acc             | % Inbreeding | Sire ID<br>Dam ID | Calv. Ease V     | Calf Growth V | Milk V    | Maint. V  | Fertility V | Cow Value | Growth Value | Prod. Value | Carcass Value | Birth wt dir       | Birth mat          | Mature wt      | Wean wt          | Wean mat          | Cow-Calf Ratio (Wean) | Postwean wt      | ADG           | FCR       | Scrotal Circ.   | Heifer Fertility   | Cow Fertility     | Longevity       | Height         | Length         | EMA | Fat | Marbling |  |
| ID<br>Number<br>Name            |              |                   |                  |               |           |           |             |           |              |             |               |                    |                    |                |                  |                   |                       |                  |               |           |                 |                    |                   |                 |                |                |     |     |          |  |
| X 220015<br>94841756<br>X220015 |              | BC 151081         | 112<br>55        | 84<br>57      | 98<br>51  |           |             |           |              |             |               | 111<br>-0.60<br>58 | 98<br>0.04<br>44   |                | 84<br>3.0<br>57  | 98<br>-2.0<br>51  |                       | 83<br>5.7<br>25  |               |           |                 | 113<br>-18.0<br>46 | 92<br>10.0<br>32  |                 |                |                |     |     |          |  |
| X 220018<br>94841780<br>X220018 |              | BC 191514         | 94<br>54         | 92<br>57      | 133<br>45 |           | 89<br>29    |           |              |             |               | 96<br>0.68<br>58   | 97<br>0.07<br>39   |                | 92<br>7.4<br>57  | 133<br>8.0<br>45  |                       | 91<br>12.4<br>27 |               |           |                 | 94<br>-2.5<br>48   | 98<br>-3.6<br>6   | 85<br>5.6<br>33 |                |                |     |     |          |  |
| X 220023<br>94841822<br>X220023 |              | BC 191539         | 120<br>54        | 87<br>58      | 78<br>49  |           | 93<br>31    |           |              |             |               | 118<br>-1.16<br>58 | 99<br>-0.01<br>42  |                | 87<br>4.7<br>58  | 78<br>-7.7<br>49  |                       | 85<br>7.5<br>26  |               |           |                 | 107<br>-13.1<br>48 | 96<br>-3.3<br>15  | 85<br>5.8<br>30 |                |                |     |     |          |  |
| X 220048<br>94842051<br>X220048 |              | BC 161219         | 94<br>53         | 86<br>56      | 94<br>48  |           |             |           |              |             |               | 97<br>0.61<br>56   | 92<br>0.26<br>41   |                | 86<br>3.9<br>56  | 94<br>-3.2<br>48  |                       | 84<br>6.7<br>24  |               |           |                 | 98<br>-6.0<br>45   | 92<br>9.6<br>34   |                 |                |                |     |     |          |  |
| X 220051<br>94842085<br>X220051 |              | BC 171509         | 95<br>55         | 90<br>58      | 137<br>49 |           | 92<br>31    |           |              |             |               | 97<br>0.55<br>58   | 94<br>0.18<br>43   |                | 90<br>6.3<br>58  | 137<br>9.0<br>49  |                       | 87<br>9.2<br>26  |               |           |                 | 102<br>-9.0<br>47  | 94<br>-2.9<br>14  | 89<br>8.0<br>32 |                |                |     |     |          |  |
| X 220054<br>94842093<br>X220054 |              | BC 161526         | 108<br>55        | 86<br>59      | 111<br>51 | 111<br>19 | 88<br>31    | 94<br>41  |              |             |               | 110<br>-0.52<br>58 | 89<br>0.36<br>44   | 91<br>-3<br>19 | 86<br>4.1<br>59  | 111<br>1.7<br>51  | 97<br>34<br>43        | 86<br>8.0<br>26  |               |           |                 | 97<br>-5.3<br>49   | 88<br>-1.7<br>11  | 89<br>8.0<br>33 |                |                |     |     |          |  |
| X 220067<br>94842226<br>X220067 |              | BC 151534         | 96<br>57         | 92<br>59      | 99<br>52  |           | 97<br>32    |           |              |             |               | 99<br>0.43<br>60   | 92<br>0.26<br>46   |                | 92<br>7.5<br>59  | 99<br>-1.8<br>52  |                       | 89<br>10.8<br>26 |               |           |                 | 105<br>-11.0<br>49 | 105<br>-5.0<br>13 | 88<br>7.1<br>34 |                |                |     |     |          |  |
| X 220076<br>94842309<br>X220076 |              | BC 153008         | 100<br>55        | 99<br>57      | 115<br>51 |           | 89<br>28    |           |              |             |               | 99<br>0.42<br>58   | 103<br>-0.18<br>44 |                | 99<br>11.7<br>57 | 115<br>2.9<br>51  |                       | 99<br>18.2<br>25 |               |           |                 | 86<br>3.4<br>46    | 95<br>11.7<br>35  |                 |                |                |     |     |          |  |
| X 220089<br>94842424<br>X220089 |              | X 113009          | 96<br>52         | 79<br>56      | 104<br>41 |           | 82<br>19    |           |              |             |               | 99<br>0.42<br>56   | 92<br>0.25<br>38   |                | 79<br>-0.3<br>56 | 104<br>-0.2<br>41 |                       | 77<br>1.5<br>15  |               |           |                 | 89<br>1.5<br>17    | 86<br>-1.3<br>7   | 85<br>5.6<br>32 |                |                |     |     |          |  |
| X 220090<br>94842432<br>X220090 |              | BC 141131         | 94<br>57         | 91<br>60      | 113<br>52 | 109<br>12 | 94<br>34    | 96<br>41  |              |             |               | 99<br>0.45<br>60   | 86<br>0.51<br>46   | 92<br>-2<br>12 | 91<br>6.9<br>60  | 113<br>2.3<br>52  | 104<br>50<br>41       | 88<br>10.0<br>34 | 80<br>0<br>10 |           | 83<br>1.7<br>11 | 101<br>-8.1<br>50  | 101<br>-4.2<br>17 | 88<br>7.1<br>36 | 93<br>-2<br>11 | 85<br>-1<br>11 |     |     |          |  |
| X 220095<br>94842481<br>X220095 |              | BC 151509         | 106<br>56        | 81<br>59      | 84<br>51  |           | 98<br>32    |           |              |             |               | 108<br>-0.36<br>59 | 89<br>0.38<br>44   |                | 81<br>1.2<br>59  | 84<br>-5.9<br>51  |                       | 79<br>2.8<br>26  |               |           |                 | 108<br>-13.4<br>49 | 100<br>-4.0<br>14 | 91<br>9.2<br>34 |                |                |     |     |          |  |
| X 220106<br>94842580<br>X220106 |              | BC 191038         | 98<br>54         | 90<br>58      | 108<br>49 |           | 81<br>31    |           |              |             |               | 100<br>0.32<br>58  | 92<br>0.25<br>42   |                | 90<br>6.5<br>58  | 108<br>0.9<br>49  |                       | 86<br>8.2<br>28  |               |           |                 | 77<br>10.5<br>47   | 91<br>-2.3<br>13  | 88<br>7.5<br>34 |                |                |     |     |          |  |

Green: >120 High  
White: 80-120 Average  
Orange: <80 Low

|           |            |
|-----------|------------|
| Value <80 | Value >120 |
|-----------|------------|

Breeding values with an accuracy < 5% are not printed

| Animal                          |              |         |        | Selection Values |               |           |           |             |           |              |             |               | Birth              |                    | Wean            |                   |                   |                       | Growth      |                  |                | Fertility     |                  |                    |                   | Frame            |                | Carcass        |     |          |  |
|---------------------------------|--------------|---------|--------|------------------|---------------|-----------|-----------|-------------|-----------|--------------|-------------|---------------|--------------------|--------------------|-----------------|-------------------|-------------------|-----------------------|-------------|------------------|----------------|---------------|------------------|--------------------|-------------------|------------------|----------------|----------------|-----|----------|--|
| Index<br>EBV<br>Acc             | % Inbreeding | Sire ID | Dam ID | Calv. Ease V     | Calf Growth V | Milk V    | Maint. V  | Fertility V | Cow Value | Growth Value | Prod. Value | Carcass Value | Birth wt dir       | Birth mat          | Mature wt       | Wean wt           | Wean mat          | Cow-Calf Ratio (Wean) | Postwean wt | ADG              | FCR            | Scrotal Circ. | Heifer Fertility | Cow Fertility      | Longevity         | Height           | Length         | EMA            | Fat | Marbling |  |
| ID Number<br>Name               |              |         |        |                  |               |           |           |             |           |              |             |               |                    |                    |                 |                   |                   |                       |             |                  |                |               |                  |                    |                   |                  |                |                |     |          |  |
| X 220108<br>94842598<br>X220108 |              | X       | 100238 | 106<br>54        | 71<br>56      | 102<br>42 | 131<br>7  | 83<br>22    | 82<br>35  |              |             |               | 104<br>-0.03<br>58 | 101<br>-0.09<br>40 | 67<br>-30<br>7  | 71<br>-4.8<br>56  | 102<br>-0.9<br>42 | 80<br>-5<br>35        |             | 69<br>-4.6<br>19 | 54<br>-94<br>6 |               | 64<br>-9.2<br>6  | 96<br>-4.0<br>21   | 87<br>-1.5<br>11  | 81<br>3.0<br>34  | 65<br>-19<br>6 | 56<br>-28<br>6 |     |          |  |
| X 220113<br>94842648<br>X220113 |              | BC      | 181005 | 97<br>56         | 94<br>59      | 116<br>50 | 104<br>9  | 95<br>30    | 99<br>39  |              |             |               | 102<br>0.18<br>60  | 86<br>0.52<br>44   | 94<br>1<br>9    | 94<br>8.7<br>59   | 116<br>3.1<br>50  | 108<br>61<br>39       |             | 94<br>14.5<br>26 |                |               |                  | 97<br>-5.3<br>47   | 102<br>-4.5<br>13 | 91<br>8.9<br>31  |                |                |     |          |  |
| X 220157<br>94843034<br>X220157 |              | BC      | 181599 | 89<br>50         | 92<br>55      | 101<br>34 | 119<br>7  | 77<br>21    | 81<br>32  |              |             |               | 94<br>0.84<br>55   | 89<br>0.38<br>31   | 83<br>-12<br>7  | 92<br>7.5<br>55   | 101<br>-1.2<br>34 | 98<br>37<br>32        |             | 90<br>11.3<br>14 |                |               |                  | 80<br>8.5<br>23    | 91<br>-2.2<br>13  | 78<br>1.1<br>26  |                |                |     |          |  |
| X 230002<br>96778832<br>X230002 |              | BC      | 161021 | 116<br>53        | 82<br>57      | 93<br>40  | 120<br>17 | 83<br>25    | 86<br>37  |              |             |               | 116<br>-0.99<br>57 | 96<br>0.12<br>38   | 82<br>-14<br>17 | 82<br>1.8<br>57   | 93<br>-3.3<br>40  | 80<br>-5<br>38        |             | 79<br>2.9<br>30  |                |               |                  | 93<br>-2.2<br>26   | 95<br>-3.0<br>15  | 75<br>-0.8<br>33 |                |                |     |          |  |
| X 230006<br>96778873<br>X230006 |              | BC      | 141547 | 115<br>53        | 89<br>56      | 112<br>41 |           | 82<br>19    |           |              |             |               | 115<br>-0.94<br>57 | 92<br>0.26<br>39   |                 | 89<br>5.5<br>56   | 112<br>1.9<br>41  |                       |             | 89<br>10.2<br>30 |                |               |                  | 86<br>3.8<br>20    |                   | 81<br>2.9<br>32  |                |                |     |          |  |
| X 230007<br>96778881<br>X230007 |              | BC      | 201060 | 98<br>49         | 103<br>55     | 108<br>31 | 99<br>7   | 74<br>21    | 85<br>31  |              |             |               | 98<br>0.47<br>55   | 98<br>0.01<br>29   | 99<br>6<br>7    | 103<br>13.7<br>55 | 108<br>1.0<br>31  | 109<br>63<br>31       |             | 99<br>18.5<br>28 |                |               |                  | 75<br>12.1<br>25   | 94<br>-2.9<br>11  | 73<br>-2.1<br>26 |                |                |     |          |  |
| X 230009<br>96778907<br>X230009 |              | BC      | 151534 | 110<br>53        | 87<br>57      | 100<br>41 |           | 87<br>24    |           |              |             |               | 114<br>-0.81<br>57 | 84<br>0.57<br>38   |                 | 87<br>4.7<br>57   | 100<br>-1.5<br>41 |                       |             | 87<br>8.9<br>26  |                |               |                  | 93<br>-1.9<br>25   | 100<br>-4.1<br>13 | 79<br>1.6<br>34  |                |                |     |          |  |
| X 230023<br>96779012<br>X230023 |              | BC      | 161552 | 114<br>51        | 77<br>56      | 82<br>38  | 133<br>30 | 88<br>23    | 85<br>37  |              |             |               | 116<br>-0.99<br>55 | 89<br>0.38<br>36   | 66<br>-32<br>30 | 77<br>-1.4<br>56  | 82<br>-6.3<br>38  | 69<br>-32<br>41       |             | 76<br>0.7<br>26  |                |               |                  | 105<br>-11.7<br>23 | 93<br>-2.7<br>13  | 79<br>1.6<br>34  |                |                |     |          |  |
| X 230026<br>96779046<br>X230026 |              | BC      | 201089 | 116<br>49        | 78<br>54      | 98<br>31  |           | 75<br>20    |           |              |             |               | 115<br>-0.94<br>55 | 95<br>0.14<br>30   |                 | 78<br>-0.4<br>54  | 98<br>-2.0<br>31  |                       |             | 78<br>2.0<br>26  |                |               |                  | 86<br>3.3<br>23    | 84<br>-0.8<br>11  | 75<br>-0.4<br>27 |                |                |     |          |  |
| X 230027<br>96779053<br>X230027 |              | BC      | 201002 | 112<br>48        | 86<br>54      | 105<br>29 |           | 75<br>21    |           |              |             |               | 113<br>-0.78<br>54 | 92<br>0.26<br>27   |                 | 86<br>4.1<br>54   | 105<br>0.1<br>29  |                       |             | 84<br>6.4<br>26  |                |               |                  | 80<br>8.3<br>23    | 91<br>-2.3<br>11  | 73<br>-1.9<br>28 |                |                |     |          |  |
| X 230030<br>96779087<br>X230030 |              | BC      | 181577 | 112<br>55        | 86<br>59      | 97<br>50  |           | 89<br>22    |           |              |             |               | 112<br>-0.65<br>59 | 95<br>0.13<br>43   |                 | 86<br>4.2<br>59   | 97<br>-2.3<br>50  |                       |             | 88<br>10.1<br>26 |                |               |                  | 102<br>-9.3<br>23  | 93<br>-2.6<br>13  | 84<br>5.0<br>31  |                |                |     |          |  |
| X 230032<br>96779103<br>X230032 |              | BC      | 161010 | 113<br>53        | 75<br>56      | 110<br>39 | 115<br>30 | 81<br>22    | 83<br>38  |              |             |               | 112<br>-0.66<br>57 | 97<br>0.07<br>37   | 86<br>-9<br>30  | 75<br>-2.2<br>56  | 110<br>1.3<br>39  | 85<br>7<br>42         |             | 74<br>-0.9<br>26 |                |               |                  | 97<br>-5.4<br>24   | 84<br>-0.9<br>10  | 78<br>1.0<br>33  |                |                |     |          |  |

# Breeding Values and Accuracies: Cows

Green: >120    High  
White: 80-120 Average  
Orange: <80    Low

| Inbreeding in red is high       |              |         |        |                  |               |           |           |             |           | Value <80    |             | Value >120    |                    | Breeding values with an accuracy < 5% are not printed |                 |                   |                   |                       |                  |     |           |               |                   |                  |                  |        |         |     |     |          |
|---------------------------------|--------------|---------|--------|------------------|---------------|-----------|-----------|-------------|-----------|--------------|-------------|---------------|--------------------|-------------------------------------------------------|-----------------|-------------------|-------------------|-----------------------|------------------|-----|-----------|---------------|-------------------|------------------|------------------|--------|---------|-----|-----|----------|
| Animal                          |              |         |        | Selection Values |               |           |           |             |           |              |             | Birth         |                    | Wean                                                  |                 |                   |                   | Growth                |                  |     | Fertility |               |                   |                  | Frame            |        | Carcass |     |     |          |
| Index<br>EBV<br>Acc             | % Inbreeding | Sire ID | Dam ID | Calv. Ease V     | Calf Growth V | Milk V    | Maint. V  | Fertility V | Cow Value | Growth Value | Prod. Value | Carcass Value | Birth wt dir       | Birth mat                                             | Mature wt       | Wean wt           | Wean mat          | Cow-Calf Ratio (Wean) | Postwean wt      | ADG | FCR       | Scrotal Circ. | Heifer Fertility  | Cow Fertility    | Longevity        | Height | Length  | EMA | Fat | Marbling |
| ID<br>Number<br>Name            |              |         |        |                  |               |           |           |             |           |              |             |               |                    |                                                       |                 |                   |                   |                       |                  |     |           |               |                   |                  |                  |        |         |     |     |          |
| X 230036<br>96779145<br>X230036 |              | BC      | 171121 | 110<br>51        | 83<br>56      | 99<br>38  | 123<br>16 | 80<br>24    | 87<br>35  |              |             |               | 112<br>-0.64<br>56 | 92<br>0.28<br>35                                      | 79<br>-17<br>16 | 83<br>2.5<br>56   | 99<br>-1.7<br>38  | 88<br>14<br>37        | 81<br>4.5<br>27  |     |           |               | 89<br>1.2<br>26   | 92<br>-2.5<br>15 | 75<br>-0.9<br>32 |        |         |     |     |          |
| X 230037<br>96779152<br>X230037 |              | BC      | 151081 | 108<br>51        | 80<br>55      | 106<br>39 |           |             |           |              |             |               | 108<br>-0.35<br>55 | 96<br>0.09<br>36                                      |                 | 80<br>0.5<br>55   | 106<br>0.3<br>39  |                       | 76<br>0.8<br>25  |     |           |               | 101<br>-8.6<br>16 |                  | 84<br>4.7<br>32  |        |         |     |     |          |
| X 230038<br>96779160<br>X230038 |              | BC      | 141138 | 95<br>54         | 97<br>57      | 101<br>42 | 97<br>8   | 82<br>27    | 79<br>36  |              |             |               | 97<br>0.61<br>58   | 94<br>0.16<br>40                                      | 100<br>7<br>8   | 97<br>10.6<br>57  | 101<br>-1.1<br>42 | 96<br>33<br>36        | 92<br>13.1<br>28 |     |           |               | 94<br>-2.7<br>29  | 92<br>-2.4<br>17 | 76<br>0.0<br>35  |        |         |     |     |          |
| X 230039<br>96779178<br>X230039 |              | BC      | 141014 | 104<br>53        | 84<br>57      | 109<br>42 |           | 82<br>26    |           |              |             |               | 105<br>-0.10<br>57 | 94<br>0.17<br>39                                      |                 | 84<br>3.0<br>57   | 109<br>1.1<br>42  | 96<br>32<br>33        | 82<br>5.2<br>32  |     |           |               | 88<br>2.1<br>28   | 96<br>-3.3<br>15 | 76<br>-0.2<br>35 |        |         |     |     |          |
| X 230040<br>96779186<br>X230040 |              | BC      | 181308 | 91<br>47         | 101<br>52     | 107<br>31 |           |             |           |              |             |               | 93<br>0.89<br>52   | 95<br>0.13<br>28                                      |                 | 101<br>12.7<br>52 | 107<br>0.6<br>31  |                       | 97<br>16.6<br>24 |     |           |               | 73<br>13.7<br>11  |                  | 79<br>1.6<br>26  |        |         |     |     |          |
| X 230041<br>96779194<br>X230041 |              | BC      | 141329 | 107<br>48        | 87<br>53      | 107<br>34 |           |             |           |              |             |               | 107<br>-0.26<br>53 | 95<br>0.13<br>30                                      |                 | 87<br>4.6<br>53   | 107<br>0.7<br>34  |                       | 85<br>7.5<br>24  |     |           |               |                   |                  | 82<br>3.8<br>30  |        |         |     |     |          |
| X 230042<br>96779202<br>X230042 |              | BC      | 121302 | 112<br>49        | 72<br>53      | 103<br>36 |           |             |           |              |             |               | 113<br>-0.78<br>54 | 90<br>0.32<br>32                                      |                 | 72<br>-4.3<br>53  | 103<br>-0.5<br>36 |                       | 72<br>-2.4<br>24 |     |           |               |                   |                  | 81<br>2.9<br>30  |        |         |     |     |          |
| X 230044<br>96779228<br>X230044 |              | BC      | 181193 | 90<br>51         | 96<br>56      | 128<br>37 |           | 76<br>22    |           |              |             |               | 90<br>1.16<br>56   | 103<br>-0.19<br>34                                    |                 | 96<br>10.0<br>56  | 128<br>6.5<br>37  | 116<br>80<br>32       | 92<br>13.0<br>26 |     |           |               | 77<br>10.5<br>24  | 99<br>-3.9<br>13 | 69<br>-4.2<br>30 |        |         |     |     |          |
| X 230045<br>96779236<br>X230045 |              | BC      | 171120 | 88<br>52         | 102<br>56     | 103<br>39 | 93<br>16  | 83<br>25    | 78<br>36  |              |             |               | 89<br>1.28<br>57   | 100<br>-0.06<br>36                                    | 105<br>13<br>16 | 102<br>13.0<br>56 | 103<br>-0.6<br>39 | 100<br>43<br>37       | 99<br>17.9<br>29 |     |           |               | 90<br>0.7<br>27   | 97<br>-3.5<br>16 | 76<br>-0.2<br>31 |        |         |     |     |          |
| X 230052<br>96779293<br>X230052 |              | BC      | 201059 | 92<br>49         | 87<br>55      | 107<br>31 | 121<br>6  | 74<br>22    | 80<br>31  |              |             |               | 94<br>0.82<br>55   | 94<br>0.17<br>29                                      | 80<br>-16<br>6  | 87<br>4.7<br>55   | 107<br>0.5<br>31  | 99<br>40<br>31        | 83<br>5.9<br>28  |     |           |               | 80<br>8.1<br>25   | 91<br>-2.2<br>14 | 71<br>-3.2<br>28 |        |         |     |     |          |
| X 230055<br>96779327<br>X230055 |              | BC      | 201016 | 102<br>49        | 78<br>55      | 102<br>32 |           | 80<br>21    |           |              |             |               | 103<br>0.09<br>55  | 96<br>0.12<br>29                                      |                 | 78<br>-0.8<br>55  | 102<br>-1.0<br>32 | 85<br>6<br>29         | 76<br>0.5<br>28  |     |           |               | 88<br>2.2<br>25   | 95<br>-3.0<br>11 | 73<br>-2.0<br>28 |        |         |     |     |          |
| X 230062<br>96779384<br>X230062 |              | BC      | 162001 | 98<br>50         | 88<br>54      | 115<br>38 |           | 87<br>15    |           |              |             |               | 98<br>0.54<br>54   | 102<br>-0.11<br>35                                    |                 | 88<br>5.2<br>54   | 115<br>2.8<br>38  |                       | 87<br>8.8<br>24  |     |           |               | 93<br>-2.0<br>11  |                  | 86<br>5.8<br>31  |        |         |     |     |          |

# Breeding Values and Accuracies: Cows

Green: >120 High  
White: 80-120 Average  
Orange: <80 Low

Inbreeding in red is high

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

| Animal                          |              |                   | Selection Values |               |           |           |             |           |              |             | Birth         |                    | Wean               |           |                 |                   | Growth                |                 |                   | Fertility      |               |                  |                   | Frame            |                  | Carcass        |                |     |          |  |
|---------------------------------|--------------|-------------------|------------------|---------------|-----------|-----------|-------------|-----------|--------------|-------------|---------------|--------------------|--------------------|-----------|-----------------|-------------------|-----------------------|-----------------|-------------------|----------------|---------------|------------------|-------------------|------------------|------------------|----------------|----------------|-----|----------|--|
| Index<br>EBV<br>Acc             | % Inbreeding | Sire ID<br>Dam ID | Calv. Ease V     | Calf Growth V | Milk V    | Maint. V  | Fertility V | Cow Value | Growth Value | Prod. Value | Carcass Value | Birth wt dir       | Birth mat          | Mature wt | Wean wt         | Wean mat          | Cow-Calf Ratio (Wean) | Postwean wt     | ADG               | FCR            | Scrotal Circ. | Heifer Fertility | Cow Fertility     | Longevity        | Height           | Length         | EMA            | Fat | Marbling |  |
| ID<br>Number<br>Name            |              |                   |                  |               |           |           |             |           |              |             |               |                    |                    |           |                 |                   |                       |                 |                   |                |               |                  |                   |                  |                  |                |                |     |          |  |
| X 230064<br>96779400<br>X230064 |              | BC 191032         | 102<br>49        | 80<br>55      | 115<br>32 |           | 80<br>22    |           |              |             |               | 100<br>0.30<br>55  | 102<br>-0.14<br>30 |           | 80<br>0.6<br>55 | 115<br>2.8<br>32  |                       | 77<br>1.6<br>28 |                   |                |               | 91<br>-0.2<br>25 | 95<br>-3.1<br>11  | 72<br>-2.4<br>30 |                  |                |                |     |          |  |
| X 230067<br>96779426<br>X230067 |              | BC 201054         | 94<br>50         | 82<br>55      | 105<br>34 | 111<br>16 | 74<br>22    | 70<br>34  |              |             |               | 94<br>0.80<br>55   | 101<br>-0.08<br>31 |           | 91<br>-3<br>16  | 82<br>1.7<br>55   | 105<br>0.0<br>34      | 87<br>11<br>35  | 78<br>1.8<br>26   |                |               | 82<br>6.7<br>25  | 89<br>-1.8<br>13  | 73<br>-2.1<br>27 |                  |                |                |     |          |  |
| X 230073<br>96779483<br>X230073 |              | BC 151004         | 102<br>53        | 82<br>56      | 108<br>39 |           | 87<br>25    |           |              |             |               | 103<br>0.11<br>57  | 97<br>0.07<br>39   |           |                 | 82<br>1.7<br>56   | 108<br>0.9<br>39      | 93<br>25<br>33  | 80<br>3.4<br>31   |                |               | 95<br>-3.7<br>26 | 104<br>-4.8<br>15 | 75<br>-0.8<br>35 |                  |                |                |     |          |  |
| X 230074<br>96779491<br>X230074 |              | BC 171002         | 102<br>52        | 91<br>56      | 102<br>39 | 113<br>12 | 82<br>25    | 86<br>35  |              |             |               | 100<br>0.31<br>57  | 104<br>-0.20<br>36 |           | 89<br>-6<br>12  | 91<br>6.6<br>56   | 102<br>-0.8<br>39     | 95<br>29<br>36  | 90<br>11.0<br>32  | 83<br>11<br>10 |               | 86<br>2.9<br>11  | 92<br>-0.9<br>27  | 94<br>-2.9<br>15 | 75<br>-0.5<br>34 | 92<br>-3<br>11 | 85<br>-1<br>11 |     |          |  |
| X 230077<br>96779533<br>X230077 |              | BC 181599         | 90<br>50         | 91<br>55      | 100<br>34 | 118<br>7  | 76<br>22    | 79<br>32  |              |             |               | 95<br>0.78<br>55   | 89<br>0.38<br>31   |           | 84<br>-11<br>7  | 91<br>6.9<br>55   | 100<br>-1.3<br>34     | 96<br>32<br>32  | 88<br>9.5<br>26   |                |               | 79<br>8.9<br>23  | 91<br>-2.3<br>13  | 76<br>-0.2<br>30 |                  |                |                |     |          |  |
| X 230078<br>96779525<br>X230078 |              | BC 201070         | 87<br>49         | 95<br>55      | 117<br>32 | 105<br>10 | 77<br>23    | 83<br>32  |              |             |               | 87<br>1.39<br>55   | 103<br>-0.19<br>30 |           | 94<br>0<br>10   | 95<br>9.5<br>55   | 117<br>3.3<br>32      | 111<br>67<br>32 | 91<br>12.1<br>34  |                |               | 91<br>6.2<br>6   | 80<br>8.5<br>26   | 94<br>-2.8<br>12 | 74<br>-1.2<br>30 |                |                |     |          |  |
| X 230082<br>96779574<br>X230082 |              | BC 171123         | 93<br>51         | 98<br>56      | 98<br>38  | 111<br>11 | 81<br>24    | 84<br>34  |              |             |               | 93<br>0.92<br>56   | 102<br>-0.12<br>35 |           | 91<br>-3<br>11  | 98<br>10.9<br>56  | 98<br>-2.0<br>38      | 98<br>38<br>35  | 96<br>15.9<br>27  |                |               | 92<br>-1.1<br>27 | 97<br>-3.5<br>13  | 70<br>-3.7<br>32 |                  |                |                |     |          |  |
| X 230085<br>96779608<br>X230085 |              | BC 141235         | 85<br>53         | 93<br>56      | 120<br>42 | 110<br>7  | 79<br>24    | 87<br>35  |              |             |               | 87<br>1.38<br>57   | 98<br>0.04<br>39   |           | 91<br>-3<br>7   | 93<br>7.8<br>56   | 120<br>4.3<br>42      | 112<br>70<br>35 | 91<br>12.0<br>28  |                |               | 81<br>7.6<br>26  | 95<br>-3.1<br>13  | 77<br>0.5<br>34  |                  |                |                |     |          |  |
| X 230088<br>96779632<br>X230088 |              | BC 141301         | 89<br>49         | 103<br>54     | 101<br>37 |           |             |           |              |             |               | 93<br>0.88<br>54   | 90<br>0.32<br>33   |           |                 | 103<br>13.7<br>54 | 101<br>-1.1<br>37     |                 | 100<br>18.7<br>25 |                |               |                  |                   | 83<br>4.2<br>30  |                  |                |                |     |          |  |
| X 230090<br>96779657<br>X230090 |              | BC 171579         | 98<br>52         | 89<br>57      | 114<br>39 | 111<br>32 | 79<br>22    | 86<br>38  |              |             |               | 100<br>0.34<br>57  | 94<br>0.16<br>36   |           | 90<br>-4<br>32  | 89<br>5.6<br>57   | 114<br>2.5<br>39      | 102<br>47<br>43 | 87<br>8.8<br>26   |                |               | 90<br>0.2<br>23  | 88<br>-1.7<br>13  | 75<br>-0.6<br>31 |                  |                |                |     |          |  |
| X 230092<br>96779673<br>X230092 |              | BC 171007         | 105<br>52        | 84<br>56      | 94<br>39  | 124<br>12 | 76<br>26    | 80<br>35  |              |             |               | 106<br>-0.15<br>57 | 94<br>0.17<br>36   |           | 77<br>-20<br>12 | 84<br>2.7<br>56   | 94<br>-3.0<br>39      | 85<br>7<br>36   | 78<br>1.7<br>30   |                |               | 82<br>6.2<br>28  | 88<br>-1.7<br>16  | 75<br>-0.7<br>33 |                  |                |                |     |          |  |
| X 230093<br>96779681<br>X230093 |              | BC 171122         | 98<br>51         | 82<br>56      | 102<br>37 | 89<br>18  | 77<br>25    | 60<br>36  |              |             |               | 101<br>0.24<br>56  | 90<br>0.32<br>34   |           | 110<br>19<br>18 | 82<br>1.8<br>56   | 102<br>-0.7<br>37     | 78<br>-10<br>37 | 79<br>2.7<br>29   |                |               | 87<br>3.0<br>27  | 89<br>-1.9<br>15  | 75<br>-1.0<br>32 |                  |                |                |     |          |  |

Breeding Values and Accuracies: Cows

Green: >120    High

White: 80-120 Average

Orange: <80    Low

Inbreeding in red is high

Value <80

Value >120

Breeding values with an accuracy < 5% are not printed

| Animal                          |              |                   | Selection Values |               |           |           |             |           |              |             | Birth         |                    | Wean               |                 |                   |                   | Growth                |             |                  | Fertility      |               |                    |                  | Frame            |                 | Carcass        |                 |     |          |
|---------------------------------|--------------|-------------------|------------------|---------------|-----------|-----------|-------------|-----------|--------------|-------------|---------------|--------------------|--------------------|-----------------|-------------------|-------------------|-----------------------|-------------|------------------|----------------|---------------|--------------------|------------------|------------------|-----------------|----------------|-----------------|-----|----------|
| Index<br>EBV<br>Acc             | % Inbreeding | Sire ID<br>Dam ID | Calv. Ease V     | Calf Growth V | Milk V    | Maint. V  | Fertility V | Cow Value | Growth Value | Prod. Value | Carcass Value | Birth wt dir       | Birth mat          | Mature wt       | Wean wt           | Wean mat          | Cow-Calf Ratio (Wean) | Postwean wt | ADG              | FCR            | Scrotal Circ. | Heifer Fertility   | Cow Fertility    | Longevity        | Height          | Length         | EMA             | Fat | Marbling |
| ID<br>Number<br>Name            |              |                   |                  |               |           |           |             |           |              |             |               |                    |                    |                 |                   |                   |                       |             |                  |                |               |                    |                  |                  |                 |                |                 |     |          |
| X 230094<br>96779699<br>X230094 |              | BC 151301         | 112<br>48        | 70<br>53      | 116<br>34 |           |             |           |              |             |               | 112<br>-0.70<br>53 | 93<br>0.22<br>30   |                 | 70<br>-5.5<br>53  | 116<br>3.2<br>34  |                       |             | 68<br>-5.9<br>24 |                |               |                    | 82<br>3.9<br>30  |                  |                 |                |                 |     |          |
| X 230095<br>96779707<br>X230095 |              | BC 171010         | 110<br>51        | 81<br>56      | 109<br>38 | 123<br>32 | 83<br>23    | 93<br>38  |              |             |               | 110<br>-0.46<br>56 | 97<br>0.08<br>35   | 78<br>-18<br>32 | 81<br>1.3<br>56   | 109<br>1.2<br>38  | 96<br>32<br>42        |             | 79<br>2.6<br>26  |                |               | 91<br>-0.6<br>27   | 95<br>-3.0<br>10 | 77<br>0.5<br>32  |                 |                |                 |     |          |
| X 230101<br>96779749<br>X230101 |              | BC 141015         | 98<br>54         | 88<br>58      | 104<br>42 | 107<br>9  | 70<br>27    | 71<br>36  |              |             |               | 97<br>0.56<br>58   | 101<br>-0.10<br>39 | 93<br>0<br>9    | 88<br>5.2<br>58   | 104<br>-0.4<br>42 | 91<br>21<br>36        |             | 83<br>5.7<br>32  |                |               | 70<br>15.8<br>30   | 88<br>-1.7<br>16 | 74<br>-1.4<br>36 |                 |                |                 |     |          |
| X 230102<br>96779756<br>X230102 |              | BC 161549         | 97<br>49         | 85<br>53      | 106<br>34 |           |             |           |              |             |               | 100<br>0.37<br>54  | 91<br>0.29<br>32   |                 | 85<br>3.2<br>53   | 106<br>0.3<br>34  |                       |             | 83<br>6.1<br>24  |                |               | 88<br>2.0<br>11    |                  | 76<br>-0.1<br>31 |                 |                |                 |     |          |
| X 230103<br>96903018<br>X230103 |              | BC 141331         | 115<br>48        | 79<br>53      | 103<br>34 |           |             |           |              |             |               | 114<br>-0.83<br>53 | 98<br>0.04<br>30   |                 | 79<br>-0.3<br>53  | 103<br>-0.5<br>34 |                       |             | 78<br>1.8<br>24  |                |               |                    | 81<br>2.7<br>30  |                  |                 |                |                 |     |          |
| X 230108<br>96779798<br>X230108 |              | BC 171147         | 93<br>51         | 102<br>56     | 113<br>38 | 96<br>15  | 77<br>25    | 85<br>35  |              |             |               | 94<br>0.83<br>56   | 99<br>-0.01<br>35  | 101<br>8<br>15  | 102<br>13.3<br>56 | 113<br>2.3<br>38  | 111<br>68<br>36       |             | 99<br>18.3<br>32 | 94<br>50<br>9  |               | 101<br>11.5<br>10  | 80<br>8.2<br>27  | 90<br>-2.1<br>16 | 79<br>1.8<br>32 | 108<br>6<br>10 | 102<br>15<br>10 |     |          |
| X 230109<br>96779806<br>X230109 |              | BC 131304         | 101<br>48        | 82<br>53      | 109<br>35 |           | 85<br>17    |           |              |             |               | 102<br>0.18<br>53  | 97<br>0.07<br>32   |                 | 82<br>1.7<br>53   | 109<br>1.2<br>35  |                       |             | 84<br>6.5<br>24  |                |               | 99<br>-6.3<br>16   | 87<br>-1.4<br>6  | 82<br>3.9<br>28  |                 |                |                 |     |          |
| X 230110<br>96779814<br>X230110 |              | BC 151560         | 101<br>51        | 85<br>54      | 105<br>37 |           |             |           |              |             |               | 104<br>0.00<br>55  | 89<br>0.38<br>36   |                 | 85<br>3.4<br>54   | 105<br>0.0<br>37  |                       |             | 83<br>6.2<br>24  |                |               |                    | 80<br>2.6<br>32  |                  |                 |                |                 |     |          |
| X 230113<br>96779848<br>X230113 |              | BC 171115         | 101<br>52        | 84<br>56      | 105<br>39 | 126<br>14 | 79<br>25    | 88<br>35  |              |             |               | 102<br>0.14<br>57  | 96<br>0.12<br>36   | 74<br>-23<br>14 | 84<br>3.0<br>56   | 105<br>0.0<br>39  | 97<br>36<br>36        |             | 83<br>6.0<br>30  | 70<br>-37<br>5 |               | 76<br>-2.7<br>5    | 93<br>-1.6<br>27 | 86<br>-1.2<br>16 | 77<br>0.5<br>33 | 82<br>-9<br>5  | 74<br>-12<br>5  |     |          |
| X 230115<br>96779863<br>X230115 |              | BC 201003         | 109<br>48        | 78<br>53      | 103<br>25 |           | 84<br>19    |           |              |             |               | 109<br>-0.40<br>54 | 97<br>0.07<br>27   |                 | 78<br>-0.6<br>53  | 103<br>-0.7<br>25 |                       |             | 78<br>2.2<br>26  |                |               | 105<br>-11.5<br>23 | 93<br>-2.6<br>5  | 71<br>-3.1<br>28 |                 |                |                 |     |          |
| X 230121<br>96779921<br>X230121 |              | BC 141001         | 99<br>51         | 91<br>54      | 98<br>37  |           |             |           |              |             |               | 101<br>0.21<br>55  | 91<br>0.31<br>35   |                 | 91<br>7.1<br>54   | 98<br>-2.1<br>37  |                       |             | 91<br>12.2<br>24 |                |               |                    | 78<br>1.5<br>32  |                  |                 |                |                 |     |          |
| X 230122<br>96779939<br>X230122 |              | BC 161054         | 100<br>53        | 94<br>57      | 107<br>40 | 95<br>14  | 71<br>25    | 74<br>36  |              |             |               | 101<br>0.26<br>57  | 97<br>0.07<br>37   | 102<br>10<br>14 | 94<br>8.7<br>57   | 107<br>0.7<br>40  | 97<br>35<br>37        |             | 89<br>10.3<br>31 |                |               | 69<br>17.1<br>28   | 89<br>-1.9<br>13 | 77<br>0.3<br>33  |                 |                |                 |     |          |

Green: >120 High  
White: 80-120 Average  
Orange: <80 Low

|           |            |
|-----------|------------|
| Value <80 | Value >120 |
|-----------|------------|

| Animal                          |              |           |        | Selection Values |               |           |           |             |           |              | Birth       |               | Wean              |                    |           |                  | Growth            |                       |                  | Fertility        |              |                |                   | Frame            |                  | Carcass       |               |     |     |          |
|---------------------------------|--------------|-----------|--------|------------------|---------------|-----------|-----------|-------------|-----------|--------------|-------------|---------------|-------------------|--------------------|-----------|------------------|-------------------|-----------------------|------------------|------------------|--------------|----------------|-------------------|------------------|------------------|---------------|---------------|-----|-----|----------|
| Index<br>EBV<br>Acc             | % Inbreeding | Sire ID   | Dam ID | Calv. Ease V     | Caif Growth V | Milk V    | Maint. V  | Fertility V | Cow Value | Growth Value | Prod. Value | Carcass Value | Birth wt dir      | Birth mat          | Mature wt | Wean wt          | Wean mat          | Cow-Calf Ratio (Wean) | Postwean wt      | ADG              | FCR          | Scrotal Circ.  | Heifer Fertility  | Cow Fertility    | Longevity        | Height        | Length        | EMA | Fat | Marbling |
|                                 |              |           |        |                  |               |           |           |             |           |              |             |               |                   |                    |           |                  |                   |                       |                  |                  |              |                |                   |                  |                  |               |               |     |     |          |
| X 230125<br>96779962<br>X230125 |              | BC 211087 |        | 101<br>48        | 89<br>54      | 105<br>28 |           | 84<br>17    |           |              |             |               | 102<br>0.14<br>54 | 94<br>0.18<br>26   |           | 89<br>5.9<br>54  | 105<br>-0.1<br>28 |                       | 88<br>9.5<br>26  |                  |              |                | 101<br>-8.0<br>23 |                  | 71<br>-3.1<br>27 |               |               |     |     |          |
| X 230127<br>96779988<br>X230127 |              | BC 181313 |        | 102<br>48        | 98<br>53      | 89<br>34  |           |             |           |              |             |               | 101<br>0.23<br>53 | 102<br>-0.11<br>30 |           | 98<br>10.7<br>53 | 89<br>-4.4<br>34  |                       | 94<br>14.3<br>24 |                  |              |                |                   |                  | 80<br>2.5<br>27  |               |               |     |     |          |
| X 230129<br>96780002<br>X230129 |              | BC 181097 |        | 98<br>51         | 89<br>55      | 111<br>37 |           | 79<br>22    |           |              |             |               | 99<br>0.45<br>56  | 97<br>0.08<br>34   |           | 89<br>5.7<br>55  | 111<br>1.8<br>37  |                       | 87<br>9.3<br>26  |                  |              |                | 88<br>1.6<br>24   | 86<br>-1.2<br>13 | 79<br>2.0<br>30  |               |               |     |     |          |
| X 230132<br>96780036<br>X230132 |              | BC 201508 |        | 101<br>49        | 78<br>55      | 106<br>32 |           | 73<br>19    |           |              |             |               | 101<br>0.28<br>55 | 100<br>-0.07<br>29 |           | 78<br>-0.9<br>55 | 106<br>0.2<br>32  |                       | 74<br>-1.4<br>26 |                  |              |                | 81<br>7.7<br>23   | 85<br>-1.0<br>6  | 74<br>-1.1<br>27 |               |               |     |     |          |
| X 230134<br>96780044<br>X230134 |              | BC 141338 |        | 96<br>49         | 86<br>53      | 109<br>36 |           |             |           |              |             |               | 99<br>0.38<br>54  | 91<br>0.29<br>32   |           | 86<br>4.2<br>53  | 109<br>1.1<br>36  |                       | 86<br>8.2<br>24  |                  |              |                |                   |                  | 82<br>3.5<br>30  |               |               |     |     |          |
| X 230136<br>96780069<br>X230136 |              | BC 141518 |        | 98<br>53         | 90<br>57      | 110<br>40 | 113<br>14 | 82<br>26    | 88<br>36  |              |             |               | 99<br>0.40<br>57  | 96<br>0.11<br>38   |           | 89<br>-6<br>14   | 90<br>6.3<br>57   | 110<br>1.4<br>40      | 101<br>44<br>37  | 90<br>11.0<br>33 | 80<br>0<br>8 | 82<br>0.7<br>9 | 92<br>-1.0<br>28  | 94<br>-2.9<br>14 | 75<br>-0.6<br>36 | 87<br>-6<br>9 | 81<br>-5<br>9 |     |     |          |
| X 230137<br>96780077<br>X230137 |              | BC 153005 |        | 96<br>49         | 94<br>53      | 108<br>36 |           |             |           |              |             |               | 97<br>0.59<br>54  | 96<br>0.10<br>33   |           | 94<br>8.5<br>53  | 108<br>0.9<br>36  |                       | 93<br>13.4<br>25 |                  |              |                |                   |                  | 81<br>2.8<br>30  |               |               |     |     |          |
| X 230143<br>96780135<br>X230143 |              | BC 181185 |        | 89<br>49         | 95<br>55      | 110<br>33 |           | 77<br>22    |           |              |             |               | 93<br>0.93<br>55  | 92<br>0.26<br>30   |           | 95<br>9.0<br>55  | 110<br>1.3<br>33  |                       | 92<br>13.2<br>26 |                  |              |                | 82<br>6.3<br>23   | 93<br>-2.6<br>13 | 73<br>-1.9<br>30 |               |               |     |     |          |
| X 230146<br>96780150<br>X230146 |              | BC 161526 |        | 94<br>51         | 91<br>56      | 112<br>40 | 109<br>19 | 75<br>23    | 82<br>36  |              |             |               | 98<br>0.53<br>55  | 90<br>0.32<br>36   |           | 92<br>-2<br>19   | 91<br>7.0<br>56   | 112<br>1.9<br>40      | 102<br>47<br>38  | 91<br>12.0<br>26 |              |                | 81<br>7.1<br>26   | 84<br>-0.8<br>11 | 80<br>2.5<br>33  |               |               |     |     |          |
| X 230148<br>96780176<br>X230148 |              | BC 201513 |        | 95<br>49         | 82<br>54      | 113<br>28 | 120<br>7  | 74<br>21    | 81<br>31  |              |             |               | 97<br>0.56<br>55  | 95<br>0.13<br>26   |           | 81<br>-15<br>7   | 82<br>1.5<br>54   | 113<br>2.2<br>28      | 98<br>37<br>30   | 78<br>1.7<br>28  |              |                | 82<br>6.5<br>25   | 88<br>-1.7<br>10 | 73<br>-2.0<br>27 |               |               |     |     |          |
| X 230149<br>96780184<br>X230149 |              | BC 201052 |        | 92<br>50         | 91<br>55      | 98<br>31  | 118<br>6  | 81<br>22    | 82<br>32  |              |             |               | 92<br>0.97<br>55  | 99<br>-0.03<br>31  |           | 84<br>-11<br>6   | 91<br>7.1<br>55   | 98<br>-1.9<br>31      | 95<br>29<br>31   | 89<br>10.9<br>26 |              |                | 99<br>-6.4<br>25  | 93<br>-2.7<br>12 | 69<br>-4.7<br>28 |               |               |     |     |          |
| X 230151<br>96780200<br>X230151 |              | BC 151503 |        | 102<br>52        | 78<br>56      | 115<br>39 |           | 72<br>24    |           |              |             |               | 104<br>0.02<br>56 | 93<br>0.23<br>36   |           | 78<br>-0.9<br>56 | 115<br>2.7<br>39  |                       | 75<br>-0.3<br>26 |                  |              |                | 81<br>7.4<br>25   | 80<br>0.0<br>13  | 77<br>0.7<br>34  |               |               |     |     |          |

Breeding Values and Accuracies: Cows

Green: >120 High  
White: 80-120 Average  
Orange: <80 Low

| Inbreeding in red is high |              |         |        |                  |               |           |           |             |           | Value <80    |             | Value >120    |                    | Breeding values with an accuracy < 5% are not printed |                 |                   |                   |                       |                   |     |           |               |                  |                  |                  |        |         |     |     |          |
|---------------------------|--------------|---------|--------|------------------|---------------|-----------|-----------|-------------|-----------|--------------|-------------|---------------|--------------------|-------------------------------------------------------|-----------------|-------------------|-------------------|-----------------------|-------------------|-----|-----------|---------------|------------------|------------------|------------------|--------|---------|-----|-----|----------|
| Animal                    |              |         |        | Selection Values |               |           |           |             |           |              |             | Birth         |                    | Wean                                                  |                 |                   |                   | Growth                |                   |     | Fertility |               |                  |                  | Frame            |        | Carcass |     |     |          |
| Index<br>EBV<br>Acc       | % Inbreeding | Sire ID | Dam ID | Calv. Ease V     | Calf Growth V | Milk V    | Maint. V  | Fertility V | Cow Value | Growth Value | Prod. Value | Carcass Value | Birth wt dir       | Birth mat                                             | Mature wt       | Wean wt           | Wean mat          | Cow-Calf Ratio (Wean) | Postwean wt       | ADG | FCR       | Scrotal Circ. | Heifer Fertility | Cow Fertility    | Longevity        | Height | Length  | EMA | Fat | Marbling |
| ID<br>Number<br>Name      |              |         |        |                  |               |           |           |             |           |              |             |               |                    |                                                       |                 |                   |                   |                       |                   |     |           |               |                  |                  |                  |        |         |     |     |          |
| X 230156                  |              | BC      | 181309 | 100<br>48        | 83<br>53      | 103<br>35 |           | 80<br>14    |           |              |             |               | 100<br>0.31<br>53  | 98<br>0.02<br>31                                      |                 | 83<br>2.1<br>53   | 103<br>-0.5<br>35 |                       | 79<br>2.9<br>24   |     |           |               | 91<br>-0.1<br>11 |                  | 79<br>1.8<br>27  |        |         |     |     |          |
| X 230157                  |              | BC      | 191099 | 90<br>48         | 90<br>54      | 113<br>30 |           | 83<br>21    |           |              |             |               | 92<br>0.96<br>54   | 96<br>0.10<br>27                                      |                 | 90<br>6.2<br>54   | 113<br>2.2<br>30  |                       | 87<br>9.1<br>25   |     |           |               | 95<br>-3.7<br>22 | 95<br>-3.0<br>11 | 74<br>-1.5<br>29 |        |         |     |     |          |
| X 230161                  |              | BC      | 201020 | 102<br>48        | 91<br>54      | 107<br>26 |           | 70<br>19    |           |              |             |               | 103<br>0.10<br>54  | 96<br>0.09<br>26                                      |                 | 91<br>7.1<br>54   | 107<br>0.6<br>26  |                       | 90<br>11.1<br>26  |     |           |               | 75<br>12.0<br>23 | 86<br>-1.2<br>6  | 71<br>-3.2<br>27 |        |         |     |     |          |
| X 230162                  |              | BC      | 201050 | 101<br>49        | 91<br>55      | 108<br>33 | 114<br>16 | 74<br>21    | 85<br>33  |              |             |               | 102<br>0.20<br>55  | 96<br>0.10<br>30                                      | 88<br>-7<br>16  | 91<br>6.9<br>55   | 108<br>0.9<br>33  | 101<br>44<br>35       | 88<br>9.8<br>26   |     |           |               | 77<br>10.2<br>25 | 90<br>-2.1<br>12 | 74<br>-1.0<br>27 |        |         |     |     |          |
| X 230164                  |              | BC      | 201102 | 100<br>46        | 89<br>53      | 107<br>25 |           |             |           |              |             |               | 101<br>0.21<br>53  | 94<br>0.16<br>23                                      |                 | 89<br>5.8<br>53   | 107<br>0.7<br>25  |                       | 87<br>9.3<br>26   |     |           |               | 79<br>8.9<br>23  |                  | 74<br>-1.0<br>26 |        |         |     |     |          |
| X 230168                  |              | BC      | 191103 | 104<br>49        | 82<br>55      | 107<br>31 |           | 72<br>22    |           |              |             |               | 105<br>-0.05<br>55 | 95<br>0.15<br>29                                      |                 | 82<br>1.4<br>55   | 107<br>0.4<br>31  |                       | 79<br>3.1<br>29   |     |           |               | 78<br>10.0<br>25 | 87<br>-1.5<br>12 | 73<br>-1.7<br>30 |        |         |     |     |          |
| X 230171                  |              | BC      | 191523 | 88<br>50         | 95<br>55      | 113<br>35 |           | 75<br>22    |           |              |             |               | 91<br>1.08<br>55   | 94<br>0.17<br>33                                      |                 | 95<br>9.0<br>55   | 113<br>2.3<br>35  | 105<br>55<br>31       | 88<br>10.1<br>29  |     |           |               | 75<br>11.8<br>23 | 93<br>-2.7<br>14 | 76<br>-0.2<br>28 |        |         |     |     |          |
| X 230172                  |              | BC      | 171071 | 96<br>51         | 83<br>56      | 105<br>37 | 132<br>32 | 79<br>23    | 87<br>37  |              |             |               | 98<br>0.53<br>56   | 95<br>0.15<br>35                                      | 66<br>-32<br>32 | 83<br>2.4<br>56   | 105<br>-0.1<br>37 | 100<br>41<br>42       | 81<br>4.7<br>26   |     |           |               | 92<br>-1.1<br>26 | 89<br>-1.9<br>12 | 74<br>-1.4<br>32 |        |         |     |     |          |
| X 230173                  |              | BC      | 191539 | 97<br>50         | 93<br>55      | 110<br>36 |           | 83<br>24    |           |              |             |               | 97<br>0.58<br>55   | 99<br>-0.01<br>33                                     |                 | 93<br>8.3<br>55   | 110<br>1.4<br>36  |                       | 92<br>12.9<br>26  |     |           |               | 94<br>-2.5<br>26 | 95<br>-3.0<br>15 | 76<br>0.2<br>30  |        |         |     |     |          |
| X 230176                  |              | X       | 113029 | 107<br>52        | 76<br>55      | 109<br>41 |           |             |           |              |             |               | 107<br>-0.26<br>56 | 97<br>0.06<br>39                                      |                 | 76<br>-1.9<br>55  | 109<br>1.2<br>41  |                       | 76<br>0.8<br>25   |     |           |               | 91<br>-0.5<br>16 |                  | 80<br>2.1<br>36  |        |         |     |     |          |
| X 230180                  |              | BC      | 181317 | 111<br>47        | 78<br>52      | 107<br>32 |           | 83<br>14    |           |              |             |               | 110<br>-0.52<br>52 | 97<br>0.06<br>28                                      |                 | 78<br>-0.4<br>52  | 107<br>0.5<br>32  |                       | 78<br>1.7<br>24   |     |           |               | 94<br>-2.5<br>11 |                  | 82<br>3.8<br>27  |        |         |     |     |          |
| X 230181                  |              | BC      | 191073 | 92<br>51         | 112<br>56     | 104<br>37 |           | 87<br>19    |           |              |             |               | 93<br>0.88<br>56   | 98<br>0.03<br>34                                      |                 | 112<br>18.8<br>56 | 104<br>-0.4<br>37 |                       | 105<br>23.1<br>26 |     |           |               | 83<br>6.0<br>22  | 109<br>-5.8<br>6 | 79<br>1.9<br>29  |        |         |     |     |          |

# Breeding Values and Accuracies: Cows

Green: >120 High  
White: 80-120 Average  
Orange: <80 Low

Inbreeding in red is high

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

| Animal                          |              |         |        | Selection Values |               |           |           |             |           |              | Birth       |               | Wean               |                   |           |                  | Growth            |                       |                  | Fertility       |                |               |                    | Frame            |                  | Carcass          |                |                |     |          |
|---------------------------------|--------------|---------|--------|------------------|---------------|-----------|-----------|-------------|-----------|--------------|-------------|---------------|--------------------|-------------------|-----------|------------------|-------------------|-----------------------|------------------|-----------------|----------------|---------------|--------------------|------------------|------------------|------------------|----------------|----------------|-----|----------|
| Index<br>EBV<br>Acc             | % Inbreeding | Sire ID | Dam ID | Calv. Ease V     | Calf Growth V | Milk V    | Maint. V  | Fertility V | Cow Value | Growth Value | Prod. Value | Carcass Value | Birth wt dir       | Birth mat         | Mature wt | Wean wt          | Wean mat          | Cow-Calf Ratio (Wean) | Postwean wt      | ADG             | FCR            | Scrotal Circ. | Heifer Fertility   | Cow Fertility    | Longevity        | Height           | Length         | EMA            | Fat | Marbling |
| ID Number<br>Name               |              |         |        |                  |               |           |           |             |           |              |             |               |                    |                   |           |                  |                   |                       |                  |                 |                |               |                    |                  |                  |                  |                |                |     |          |
| X 230183<br>96780499<br>X230183 |              | BC      | 201099 | 94<br>48         | 96<br>54      | 106<br>32 |           | 78<br>20    |           |              |             |               | 95<br>0.73<br>54   | 96<br>0.10<br>29  |           | 96<br>9.5<br>54  | 106<br>0.4<br>32  |                       | 92<br>12.8<br>26 |                 |                |               | 77<br>10.2<br>23   | 94<br>-2.9<br>11 | 78<br>1.2<br>26  |                  |                |                |     |          |
| X 230184<br>96780507<br>X230184 |              | BC      | 201047 | 96<br>49         | 86<br>55      | 110<br>29 |           | 80<br>21    |           |              |             |               | 97<br>0.62<br>55   | 98<br>0.03<br>30  |           | 86<br>3.9<br>55  | 110<br>1.3<br>29  | 99<br>40<br>29        | 86<br>8.3<br>27  |                 |                |               | 104<br>-10.6<br>25 | 85<br>-1.1<br>11 | 71<br>-3.4<br>28 |                  |                |                |     |          |
| X 230187<br>96780531<br>X230187 |              | BC      | 122036 | 107<br>52        | 75<br>56      | 106<br>42 |           | 83<br>21    |           |              |             |               | 108<br>-0.29<br>56 | 95<br>0.15<br>39  |           | 75<br>-2.2<br>56 | 106<br>0.3<br>42  |                       | 73<br>-1.7<br>28 |                 |                |               | 87<br>2.4<br>21    | 90<br>-2.0<br>8  | 85<br>5.7<br>35  |                  |                |                |     |          |
| X 230190<br>96780564<br>X230190 |              | BC      | 191043 | 99<br>50         | 85<br>56      | 103<br>35 |           | 81<br>23    |           |              |             |               | 100<br>0.36<br>55  | 97<br>0.05<br>32  |           | 85<br>3.3<br>56  | 103<br>-0.4<br>35 | 92<br>24<br>31        | 83<br>5.6<br>30  |                 |                |               | 91<br>-0.7<br>25   | 93<br>-2.7<br>14 | 74<br>-1.1<br>31 |                  |                |                |     |          |
| X 241001<br>98408750<br>X241001 |              | BC      | 122021 | 100<br>52        | 81<br>56      | 106<br>41 |           | 84<br>17    |           |              |             |               | 104<br>-0.01<br>56 | 87<br>0.45<br>39  |           | 81<br>1.0<br>56  | 106<br>0.4<br>41  |                       | 79<br>2.5<br>24  |                 |                |               | 97<br>-5.2<br>11   | 90<br>-2.0<br>6  | 80<br>2.5<br>34  |                  |                |                |     |          |
| X 241003<br>98407000<br>X241003 |              | BC      | 122109 | 109<br>52        | 76<br>55      | 104<br>41 |           |             |           |              |             |               | 110<br>-0.52<br>56 | 92<br>0.26<br>38  |           | 76<br>-1.7<br>55 | 104<br>-0.4<br>41 |                       | 74<br>-0.9<br>24 |                 |                |               | 89<br>1.3<br>16    |                  | 79<br>1.7<br>34  |                  |                |                |     |          |
| X 241004<br>98407018<br>X241004 |              | BC      | 191005 | 110<br>50        | 81<br>55      | 104<br>35 |           | 77<br>20    |           |              |             |               | 110<br>-0.50<br>55 | 95<br>0.13<br>31  |           | 81<br>1.3<br>55  | 104<br>-0.4<br>35 |                       | 81<br>4.1<br>26  |                 |                |               | 82<br>7.0<br>22    | 91<br>-2.3<br>10 | 76<br>0.0<br>29  |                  |                |                |     |          |
| X 241006<br>98407034<br>X241006 |              | BC      | 151081 | 115<br>51        | 78<br>55      | 105<br>39 |           |             |           |              |             |               | 116<br>-0.96<br>55 | 93<br>0.23<br>36  |           | 78<br>-0.9<br>55 | 105<br>0.1<br>39  |                       | 78<br>1.6<br>26  |                 |                |               | 104<br>-10.3<br>16 |                  | 83<br>4.3<br>32  |                  |                |                |     |          |
| X 241008<br>98407059<br>X241008 |              | BC      | 141007 | 113<br>53        | 79<br>57      | 96<br>40  | 125<br>8  | 79<br>27    | 83<br>35  |              |             |               | 112<br>-0.66<br>57 | 99<br>0.00<br>39  |           | 76<br>-20<br>8   | 79<br>0.2<br>57   | 96<br>-2.6<br>40      | 81<br>-2<br>35   | 77<br>1.2<br>32 | 69<br>-40<br>8 | 64<br>0<br>5  | 73<br>-4.2<br>9    | 90<br>0.3<br>28  | 92<br>-2.5<br>17 | 72<br>-2.5<br>36 | 78<br>-11<br>9 | 71<br>-14<br>9 |     |          |
| X 241009<br>98407067<br>X241009 |              | BC      | 151520 | 114<br>51        | 81<br>55      | 113<br>41 |           | 79<br>16    |           |              |             |               | 113<br>-0.71<br>55 | 99<br>-0.01<br>37 |           | 81<br>1.2<br>55  | 113<br>2.2<br>41  |                       | 80<br>3.5<br>24  |                 |                |               | 83<br>5.9<br>11    |                  | 81<br>3.0<br>33  |                  |                |                |     |          |
| X 241010<br>98407075<br>X241010 |              | BC      | 171048 | 106<br>51        | 90<br>56      | 90<br>39  | 120<br>32 | 84<br>24    | 86<br>38  |              |             |               | 109<br>-0.41<br>56 | 87<br>0.46<br>35  |           | 82<br>-13<br>32  | 90<br>6.3<br>56   | 90<br>-4.3<br>39      | 86<br>9<br>42    | 87<br>9.3<br>28 |                |               | 88<br>2.0<br>27    | 99<br>-3.8<br>14 | 79<br>1.8<br>31  |                  |                |                |     |          |
| X 241011<br>98407083<br>X241011 |              | BC      | 201035 | 112<br>50        | 83<br>55      | 108<br>34 |           | 81<br>21    |           |              |             |               | 112<br>-0.66<br>55 | 95<br>0.14<br>31  |           | 83<br>2.3<br>55  | 108<br>0.8<br>34  |                       | 82<br>4.9<br>26  |                 |                |               | 84<br>5.1<br>24    | 97<br>-3.5<br>11 | 77<br>0.4<br>27  |                  |                |                |     |          |

# Breeding Values and Accuracies: Cows

Green: >120    High  
White: 80-120 Average  
Orange: <80    Low

| Inbreeding in red is high       |              |                   |              |                  |           |           |             |           |              | Value <80   |               | Value >120         |                    | Breeding values with an accuracy < 5% are not printed |                  |                   |                       |                  |     |     |               |                  |                   |                  |        |        |         |     |          |
|---------------------------------|--------------|-------------------|--------------|------------------|-----------|-----------|-------------|-----------|--------------|-------------|---------------|--------------------|--------------------|-------------------------------------------------------|------------------|-------------------|-----------------------|------------------|-----|-----|---------------|------------------|-------------------|------------------|--------|--------|---------|-----|----------|
| Animal                          |              |                   |              | Selection Values |           |           |             |           |              |             |               | Birth              |                    | Wean                                                  |                  |                   |                       | Growth           |     |     | Fertility     |                  |                   |                  | Frame  |        | Carcass |     |          |
| Index<br>EBV<br>Acc             | % Inbreeding | Sire ID<br>Dam ID | Calv. Ease V | Calf Growth V    | Milk V    | Maint. V  | Fertility V | Cow Value | Growth Value | Prod. Value | Carcass Value | Birth wt dir       | Birth mat          | Mature wt                                             | Wean wt          | Wean mat          | Cow-Calf Ratio (Wean) | Postwean wt      | ADG | FCR | Scrotal Circ. | Heifer Fertility | Cow Fertility     | Longevity        | Height | Length | EMA     | Fat | Marbling |
| ID<br>Number<br>Name            |              |                   |              |                  |           |           |             |           |              |             |               |                    |                    |                                                       |                  |                   |                       |                  |     |     |               |                  |                   |                  |        |        |         |     |          |
| X 241015<br>98407117<br>X241015 |              | BC 211523         | 105<br>49    | 84<br>54         | 107<br>31 |           | 75<br>19    |           |              |             |               | 107<br>-0.28<br>55 | 91<br>0.30<br>29   |                                                       | 84<br>2.6<br>54  | 107<br>0.6<br>31  |                       | 80<br>3.7<br>25  |     |     |               | 83<br>6.0<br>23  | 87<br>-1.5<br>6   | 75<br>-1.0<br>27 |        |        |         |     |          |
| X 241018<br>98407141<br>X241018 |              | BC 171185         | 113<br>52    | 72<br>56         | 114<br>39 | 120<br>11 | 78<br>24    | 85<br>35  |              |             |               | 114<br>-0.81<br>56 | 93<br>0.22<br>36   | 81<br>-15<br>11                                       | 72<br>-3.8<br>56 | 114<br>2.6<br>39  | 88<br>14<br>35        | 70<br>-4.3<br>30 |     |     |               | 89<br>0.9<br>27  | 85<br>-1.0<br>15  | 78<br>1.3<br>31  |        |        |         |     |          |
| X 241019<br>98407158<br>X241019 |              | BC 191217         | 105<br>49    | 80<br>55         | 101<br>31 |           | 67<br>21    |           |              |             |               | 105<br>-0.06<br>55 | 98<br>0.02<br>28   |                                                       | 80<br>0.5<br>55  | 101<br>-1.2<br>31 | 84<br>5<br>30         | 78<br>1.8<br>26  |     |     |               | 83<br>5.7<br>25  | 75<br>1.1<br>10   | 69<br>-4.4<br>29 |        |        |         |     |          |
| X 241020<br>98407166<br>X241020 |              | BC 151503         | 107<br>52    | 92<br>56         | 102<br>39 |           | 72<br>24    |           |              |             |               | 110<br>-0.48<br>56 | 88<br>0.41<br>36   |                                                       | 92<br>7.4<br>56  | 102<br>-0.7<br>39 |                       | 90<br>11.6<br>26 |     |     |               | 75<br>11.8<br>25 | 85<br>-1.0<br>13  | 77<br>0.3<br>34  |        |        |         |     |          |
| X 241021<br>98407174<br>X241021 |              | BC 201017         | 100<br>49    | 93<br>55         | 106<br>31 | 103<br>8  | 75<br>21    | 78<br>32  |              |             |               | 101<br>0.29<br>55  | 96<br>0.10<br>29   | 95<br>1<br>8                                          | 93<br>7.9<br>55  | 106<br>0.2<br>31  | 97<br>36<br>31        | 90<br>11.4<br>28 |     |     |               | 82<br>7.0<br>25  | 93<br>-2.6<br>10  | 70<br>-3.6<br>27 |        |        |         |     |          |
| X 241022<br>98407182<br>X241022 |              | BC 211123         | 102<br>49    | 83<br>55         | 109<br>31 | 117<br>6  | 79<br>21    | 84<br>31  |              |             |               | 103<br>0.11<br>55  | 96<br>0.10<br>29   | 85<br>-10<br>6                                        | 83<br>2.5<br>55  | 109<br>1.1<br>31  | 94<br>29<br>31        | 80<br>3.8<br>27  |     |     |               | 93<br>-1.7<br>25 | 88<br>-1.6<br>11  | 75<br>-1.0<br>27 |        |        |         |     |          |
| X 241025<br>98407208<br>X241025 |              | BC 171051         | 109<br>51    | 81<br>56         | 110<br>37 | 115<br>19 | 70<br>25    | 79<br>36  |              |             |               | 108<br>-0.37<br>56 | 98<br>0.04<br>34   | 87<br>-8<br>19                                        | 81<br>1.1<br>56  | 110<br>1.4<br>37  | 92<br>23<br>37        | 80<br>3.3<br>28  |     |     |               | 80<br>7.9<br>27  | 85<br>-1.1<br>15  | 68<br>-5.1<br>32 |        |        |         |     |          |
| X 241028<br>98407232<br>X241028 |              | BC 201510         | 100<br>50    | 85<br>55         | 116<br>34 |           | 78<br>20    |           |              |             |               | 100<br>0.35<br>55  | 101<br>-0.09<br>31 |                                                       | 85<br>3.4<br>55  | 116<br>3.1<br>34  |                       | 85<br>7.4<br>26  |     |     |               | 85<br>4.5<br>23  | 87<br>-1.4<br>11  | 79<br>1.8<br>27  |        |        |         |     |          |
| X 241029<br>98407240<br>X241029 |              | BC 151534         | 87<br>53     | 87<br>57         | 110<br>41 |           | 86<br>24    |           |              |             |               | 90<br>1.18<br>57   | 95<br>0.13<br>38   |                                                       | 87<br>4.6<br>57  | 110<br>1.5<br>41  |                       | 83<br>5.8<br>26  |     |     |               | 93<br>-2.2<br>25 | 100<br>-4.0<br>13 | 78<br>1.2<br>34  |        |        |         |     |          |
| X 241030<br>98407489<br>X241030 |              | BC 211033         | 116<br>48    | 90<br>53         | 103<br>26 |           | 75<br>19    |           |              |             |               | 116<br>-0.98<br>54 | 93<br>0.20<br>25   |                                                       | 90<br>6.1<br>53  | 103<br>-0.6<br>26 |                       | 88<br>10.0<br>25 |     |     |               | 81<br>7.2<br>23  | 91<br>-2.2<br>6   | 73<br>-1.7<br>27 |        |        |         |     |          |
| X 241034<br>98407448<br>X241034 |              | BC 191073         | 92<br>51     | 84<br>56         | 126<br>37 |           | 87<br>19    |           |              |             |               | 92<br>0.99<br>56   | 101<br>-0.08<br>34 |                                                       | 84<br>2.7<br>56  | 126<br>6.0<br>37  |                       | 85<br>7.4<br>26  |     |     |               | 98<br>-6.1<br>22 | 96<br>-3.3<br>6   | 79<br>1.5<br>29  |        |        |         |     |          |
| X 241036<br>98407414<br>X241036 |              | BC 211511         | 91<br>48     | 99<br>54         | 108<br>28 |           | 81<br>18    |           |              |             |               | 93<br>0.91<br>54   | 95<br>0.13<br>26   |                                                       | 99<br>11.3<br>54 | 108<br>0.7<br>28  |                       | 96<br>16.3<br>26 |     |     |               | 87<br>2.4<br>24  |                   | 71<br>-2.9<br>27 |        |        |         |     |          |

# Breeding Values and Accuracies: Cows

Green: >120    High  
White: 80-120 Average  
Orange: <80    Low

| Inbreeding in red is high       |              |         |        |                  |               |           |           |             |           | Value <80    |             | Value >120    |                    | Breeding values with an accuracy < 5% are not printed |                |                  |                   |                       |                 |                  |                  |                  |                  |                  |                  |                  |                  |     |     |          |  |  |
|---------------------------------|--------------|---------|--------|------------------|---------------|-----------|-----------|-------------|-----------|--------------|-------------|---------------|--------------------|-------------------------------------------------------|----------------|------------------|-------------------|-----------------------|-----------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-----|-----|----------|--|--|
| Animal                          |              |         |        | Selection Values |               |           |           |             |           |              | Birth       |               | Wean               |                                                       |                |                  | Growth            |                       |                 | Fertility        |                  |                  |                  | Frame            |                  | Carcass          |                  |     |     |          |  |  |
| Index<br>EBV<br>Acc             | % Inbreeding | Sire ID | Dam ID | Calv. Ease V     | Calf Growth V | Milk V    | Maint. V  | Fertility V | Cow Value | Growth Value | Prod. Value | Carcass Value | Birth wt dir       | Birth mat                                             | Mature wt      | Wean wt          | Wean mat          | Cow-Calf Ratio (Wean) | Postwean wt     | ADG              | FCR              | Scrotal Circ.    | Heifer Fertility | Cow Fertility    | Longevity        | Height           | Length           | EMA | Fat | Marbling |  |  |
| ID<br>Number<br>Name            |              |         |        |                  |               |           |           |             |           |              |             |               |                    |                                                       |                |                  |                   |                       |                 |                  |                  |                  |                  |                  |                  |                  |                  |     |     |          |  |  |
| X 241038<br>98407406<br>X241038 |              | BC      | 191539 | 94<br>51         | 96<br>55      | 109<br>36 |           | 83<br>24    |           |              |             |               | 94<br>0.79<br>56   | 100<br>-0.06<br>33                                    |                | 96<br>9.7<br>55  | 109<br>1.1<br>36  |                       |                 | 92<br>13.2<br>26 |                  |                  |                  | 92<br>-1.4<br>26 | 96<br>-3.3<br>15 | 76<br>-0.2<br>30 |                  |     |     |          |  |  |
| X 241039<br>98407398<br>X241039 |              | BC      | 211045 | 101<br>48        | 76<br>54      | 110<br>30 |           | 78<br>18    |           |              |             |               | 102<br>0.20<br>54  | 96<br>0.09<br>28                                      |                | 76<br>-1.9<br>54 | 110<br>1.4<br>30  |                       |                 | 74<br>-0.8<br>26 |                  |                  |                  | 94<br>-3.0<br>22 | 84<br>-0.8<br>6  | 75<br>-1.0<br>25 |                  |     |     |          |  |  |
| X 241040<br>98407380<br>X241040 |              | BC      | 211526 | 100<br>49        | 83<br>54      | 99<br>29  |           | 75<br>19    |           |              |             |               | 101<br>0.27<br>55  | 96<br>0.09<br>28                                      |                | 83<br>2.3<br>54  | 99<br>-1.7<br>29  | 89<br>17<br>29        |                 |                  | 82<br>4.9<br>29  |                  |                  |                  | 87<br>2.5<br>24  | 88<br>-1.7<br>5  | 71<br>-3.1<br>29 |     |     |          |  |  |
| X 241041<br>98407372<br>X241041 |              | BC      | 211014 | 105<br>48        | 83<br>54      | 104<br>26 |           | 76<br>19    |           |              |             |               | 105<br>-0.11<br>54 | 97<br>0.08<br>25                                      |                | 83<br>2.5<br>54  | 104<br>-0.4<br>26 | 94<br>28<br>28        |                 |                  | 82<br>5.4<br>28  |                  |                  |                  | 95<br>-3.7<br>25 | 85<br>-1.1<br>7  | 68<br>-4.9<br>26 |     |     |          |  |  |
| X 241042<br>98407364<br>X241042 |              | BC      | 201057 | 96<br>49         | 81<br>54      | 106<br>32 |           | 80<br>20    |           |              |             |               | 99<br>0.43<br>55   | 91<br>0.30<br>29                                      |                | 81<br>1.1<br>54  | 106<br>0.2<br>32  |                       |                 | 78<br>2.3<br>26  |                  |                  |                  | 87<br>2.8<br>23  | 92<br>-2.4<br>11 | 78<br>1.0<br>26  |                  |     |     |          |  |  |
| X 241044<br>98407349<br>X241044 |              | BC      | 201059 | 88<br>49         | 94<br>55      | 104<br>31 | 118<br>6  | 73<br>22    | 80<br>31  |              |             |               | 90<br>1.14<br>55   | 95<br>0.14<br>29                                      | 84<br>-11<br>6 | 94<br>8.6<br>55  | 104<br>-0.2<br>31 | 103<br>48<br>31       |                 |                  | 90<br>11.4<br>28 |                  |                  | 78<br>9.5<br>25  | 92<br>-2.5<br>14 | 70<br>-3.6<br>28 |                  |     |     |          |  |  |
| X 241045<br>98407331<br>X241045 |              | BC      | 211001 | 101<br>48        | 88<br>54      | 111<br>29 |           | 79<br>18    |           |              |             |               | 103<br>0.11<br>54  | 95<br>0.15<br>27                                      |                | 88<br>5.1<br>54  | 111<br>1.7<br>29  |                       |                 | 85<br>7.5<br>25  |                  |                  |                  | 89<br>1.1<br>22  | 91<br>-2.3<br>6  | 75<br>-0.7<br>25 |                  |     |     |          |  |  |
| X 241047<br>98407315<br>X241047 |              | BC      | 181223 | 98<br>51         | 88<br>56      | 105<br>37 |           | 75<br>23    |           |              |             |               | 99<br>0.44<br>56   | 98<br>0.01<br>34                                      |                | 88<br>5.3<br>56  | 105<br>0.1<br>37  | 98<br>37<br>32        |                 |                  | 87<br>8.9<br>29  |                  |                  |                  | 87<br>2.4<br>25  | 85<br>-1.1<br>14 | 74<br>-1.4<br>30 |     |     |          |  |  |
| X 241050<br>98407281<br>X241050 |              | BC      | 171579 | 94<br>52         | 97<br>57      | 111<br>39 | 102<br>32 | 78<br>22    | 84<br>38  |              |             |               | 96<br>0.68<br>57   | 95<br>0.13<br>36                                      |                | 96<br>2<br>32    | 97<br>10.3<br>57  | 111<br>1.6<br>39      | 106<br>56<br>43 |                  |                  | 95<br>15.4<br>26 |                  |                  | 88<br>2.1<br>23  | 90<br>-2.1<br>13 | 75<br>-1.0<br>31 |     |     |          |  |  |
| X 241051<br>98407273<br>X241051 |              | BC      | 121311 | 105<br>49        | 81<br>54      | 108<br>37 |           |             |           |              |             |               | 106<br>-0.16<br>54 | 95<br>0.16<br>33                                      |                | 81<br>0.9<br>54  | 108<br>0.9<br>37  |                       |                 | 79<br>2.7<br>24  |                  |                  |                  |                  |                  |                  | 82<br>3.3<br>30  |     |     |          |  |  |
| X 241053<br>98407257<br>X241053 |              | BC      | 191132 | 95<br>50         | 85<br>55      | 101<br>34 | 124<br>5  | 76<br>23    | 80<br>32  |              |             |               | 98<br>0.52<br>55   | 92<br>0.27<br>31                                      |                | 77<br>-20<br>5   | 85<br>3.3<br>55   | 101<br>-1.2<br>34     | 92<br>24<br>31  |                  |                  | 83<br>6.1<br>30  |                  |                  | 89<br>1.2<br>25  | 88<br>-1.6<br>15 | 72<br>-2.8<br>30 |     |     |          |  |  |
| X 241057<br>98407521<br>X241057 |              | BC      | 201002 | 95<br>48         | 90<br>54      | 111<br>29 |           | 75<br>21    |           |              |             |               | 95<br>0.72<br>54   | 100<br>-0.05<br>27                                    |                | 90<br>6.3<br>54  | 111<br>1.8<br>29  |                       |                 | 86<br>8.3<br>26  |                  |                  |                  | 79<br>8.7<br>23  | 92<br>-2.4<br>11 | 72<br>-2.3<br>28 |                  |     |     |          |  |  |

Green: >120 High  
White: 80-120 Average  
Orange: <80 Low

Breeding values with an accuracy < 5% are not printed

| Animal                          |           |              |                   | Selection Values |               |           |           |             |           |              |             |               | Birth              |                    | Wean          |                  |                   |                       | Growth           |                  |     | Fertility     |                  |                   |                  | Frame            |        | Carcass |     |          |  |  |
|---------------------------------|-----------|--------------|-------------------|------------------|---------------|-----------|-----------|-------------|-----------|--------------|-------------|---------------|--------------------|--------------------|---------------|------------------|-------------------|-----------------------|------------------|------------------|-----|---------------|------------------|-------------------|------------------|------------------|--------|---------|-----|----------|--|--|
| Index<br>EBV<br>Acc             | ID Number | % Inbreeding | Sire ID<br>Dam ID | Calv. Ease V     | Calf Growth V | Milk V    | Maint. V  | Fertility V | Cow Value | Growth Value | Prod. Value | Carcass Value | Birth wt dir       | Birth mat          | Mature wt     | Wean wt          | Wean mat          | Cow-Calf Ratio (Wean) | Postwean wt      | ADG              | FCR | Scrotal Circ. | Heifer Fertility | Cow Fertility     | Longevity        | Height           | Length | EMA     | Fat | Marbling |  |  |
|                                 |           |              |                   |                  |               |           |           |             |           |              |             |               |                    |                    |               |                  |                   |                       |                  |                  |     |               |                  |                   |                  |                  |        |         |     |          |  |  |
| X 241068<br>98407620<br>X241068 |           | BC           | 171202            | 114<br>51        | 74<br>55      | 101<br>37 | 101<br>32 | 76<br>24    | 67<br>37  |              |             |               | 115<br>-0.90<br>56 | 91<br>0.31<br>35   | 97<br>4<br>32 | 74<br>-2.8<br>55 | 101<br>-1.0<br>37 | 73<br>-22<br>41       | 72<br>-2.7<br>26 |                  |     |               | 90<br>0.3<br>25  | 87<br>-1.5<br>15  | 71<br>-3.0<br>32 |                  |        |         |     |          |  |  |
| X 241071<br>98407653<br>X241071 |           | BC           | 161010            | 112<br>53        | 85<br>56      | 103<br>39 | 103<br>30 | 80<br>21    | 80<br>38  |              |             |               | 112<br>-0.63<br>57 | 96<br>0.10<br>37   | 96<br>2<br>30 | 85<br>3.2<br>56  | 103<br>-0.6<br>39 | 86<br>9<br>42         | 82<br>5.1<br>13  |                  |     |               | 93<br>-2.0<br>24 | 88<br>-1.6<br>10  | 77<br>0.6<br>30  |                  |        |         |     |          |  |  |
| X 241074<br>98407695<br>X241074 |           | BC           | 181193            | 104<br>51        | 88<br>56      | 128<br>37 |           | 76<br>22    |           |              |             |               | 104<br>-0.03<br>56 | 98<br>0.04<br>34   |               | 88<br>5.4<br>56  | 128<br>6.3<br>37  | 110<br>67<br>32       | 87<br>8.8<br>26  |                  |     |               | 80<br>7.9<br>24  | 97<br>-3.4<br>13  | 69<br>-4.6<br>30 |                  |        |         |     |          |  |  |
| X 241075<br>98407687<br>X241075 |           | BC           | 171121            | 112<br>51        | 80<br>56      | 101<br>38 | 125<br>16 | 79<br>24    | 87<br>35  |              |             |               | 113<br>-0.78<br>56 | 91<br>0.30<br>35   |               | 75<br>-21<br>16  | 80<br>0.6<br>56   | 101<br>-1.2<br>38     | 87<br>12<br>37   | 79<br>2.9<br>28  |     |               |                  | 91<br>-0.1<br>26  | 91<br>-2.2<br>15 | 74<br>-1.3<br>32 |        |         |     |          |  |  |
| X 241076<br>98407703<br>X241076 |           | BC           | 191097            | 91<br>51         | 93<br>56      | 109<br>36 | 107<br>9  | 82<br>23    | 84<br>34  |              |             |               | 92<br>1.02<br>56   | 100<br>-0.05<br>33 |               | 93<br>0<br>9     | 93<br>8.3<br>56   | 109<br>1.2<br>36      | 102<br>47<br>34  | 90<br>11.2<br>26 |     |               |                  | 86<br>3.4<br>25   | 97<br>-3.4<br>14 | 78<br>1.2<br>29  |        |         |     |          |  |  |
| X 241078<br>98407943<br>X241078 |           | BC           | 181596            | 110<br>51        | 89<br>56      | 113<br>37 |           | 80<br>23    |           |              |             |               | 108<br>-0.32<br>56 | 103<br>-0.15<br>34 |               | 89<br>5.7<br>56  | 113<br>2.2<br>37  | 101<br>43<br>32       | 87<br>8.8<br>31  |                  |     |               | 79<br>9.0<br>26  | 95<br>-3.0<br>12  | 80<br>2.5<br>30  |                  |        |         |     |          |  |  |
| X 241079<br>98407935<br>X241079 |           | BC           | 201113            | 99<br>50         | 82<br>55      | 107<br>34 | 122<br>8  | 76<br>22    | 82<br>33  |              |             |               | 98<br>0.51<br>55   | 103<br>-0.18<br>31 |               | 79<br>-17<br>8   | 82<br>1.9<br>55   | 107<br>0.6<br>34      | 94<br>28<br>32   | 82<br>4.9<br>26  |     |               |                  | 84<br>5.3<br>25   | 89<br>-1.8<br>13 | 75<br>-0.7<br>28 |        |         |     |          |  |  |
| X 241080<br>98407927<br>X241080 |           | BC           | 191011            | 105<br>49        | 85<br>54      | 106<br>33 |           | 80<br>22    |           |              |             |               | 107<br>-0.28<br>55 | 90<br>0.35<br>30   |               | 85<br>3.6<br>54  | 106<br>0.3<br>33  |                       | 83<br>6.2<br>26  |                  |     |               | 90<br>0.0<br>24  | 92<br>-2.5<br>13  | 75<br>-0.9<br>28 |                  |        |         |     |          |  |  |
| X 241083<br>98407893<br>X241083 |           | BC           | 181005            | 95<br>52         | 90<br>57      | 113<br>38 | 113<br>9  | 86<br>23    | 92<br>34  |              |             |               | 98<br>0.51<br>57   | 93<br>0.22<br>36   |               | 89<br>-6<br>9    | 90<br>6.3<br>57   | 113<br>2.3<br>38      | 104<br>51<br>35  | 90<br>11.1<br>26 |     |               |                  | 92<br>-1.0<br>26  | 97<br>-3.5<br>13 | 81<br>3.0<br>31  |        |         |     |          |  |  |
| X 241084<br>98407885<br>X241084 |           | BC           | 121308            | 101<br>49        | 84<br>54      | 109<br>37 |           |             |           |              |             |               | 101<br>0.25<br>54  | 99<br>-0.02<br>33  |               | 84<br>2.6<br>54  | 109<br>1.2<br>37  |                       | 81<br>4.0<br>24  |                  |     |               |                  |                   | 81<br>3.2<br>31  |                  |        |         |     |          |  |  |
| X 241088<br>98407869<br>X241088 |           | BC           | 141171            | 101<br>53        | 86<br>57      | 111<br>41 |           | 83<br>26    |           |              |             |               | 103<br>0.06<br>57  | 92<br>0.27<br>39   |               | 86<br>4.0<br>57  | 111<br>1.8<br>41  |                       | 84<br>6.9<br>28  |                  |     |               | 92<br>-1.3<br>28 | 101<br>-4.2<br>15 | 71<br>-3.0<br>36 |                  |        |         |     |          |  |  |
| X 241089<br>98407836<br>X241089 |           | X            | 113086            | 111<br>52        | 84<br>56      | 94<br>42  | 115<br>8  | 76<br>20    | 77<br>34  |              |             |               | 111<br>-0.61<br>56 | 94<br>0.18<br>39   |               | 87<br>-7<br>8    | 84<br>2.6<br>56   | 94<br>-3.0<br>42      | 80<br>-4<br>35   | 83<br>5.6<br>32  |     |               |                  | 81<br>7.3<br>19   | 83<br>-0.7<br>6  | 81<br>3.0<br>36  |        |         |     |          |  |  |

Breeding Values and Accuracies: Cows

Green: >120    High

White: 80-120 Average

Orange: <80    Low

Inbreeding in red is high

Value <80Value >120

Breeding values with an accuracy < 5% are not printed

| Animal              |              | Selection Values |        |              |               |        |          |             |           |              |             | Birth         |              | Wean      |           |         |          | Growth                |             |     | Fertility |               |                  |               | Frame     |        | Carcass |     |     |          |  |  |
|---------------------|--------------|------------------|--------|--------------|---------------|--------|----------|-------------|-----------|--------------|-------------|---------------|--------------|-----------|-----------|---------|----------|-----------------------|-------------|-----|-----------|---------------|------------------|---------------|-----------|--------|---------|-----|-----|----------|--|--|
| Index<br>EBV<br>Acc |              |                  |        |              |               |        |          |             |           |              |             |               |              |           |           |         |          |                       |             |     |           |               |                  |               |           |        |         |     |     |          |  |  |
| ID                  |              |                  |        |              |               |        |          |             |           |              |             |               |              |           |           |         |          |                       |             |     |           |               |                  |               |           |        |         |     |     |          |  |  |
| Number              | % Inbreeding | Sire ID          | Dam ID | Calv. Ease V | Calf Growth V | Milk V | Maint. V | Fertility V | Cow Value | Growth Value | Prod. Value | Carcass Value | Birth wt dir | Birth mat | Mature wt | Wean wt | Wean mat | Cow-Calf Ratio (Wean) | Postwean wt | ADG | FCR       | Scrotal Circ. | Heifer Fertility | Cow Fertility | Longevity | Height | Length  | EMA | Fat | Marbling |  |  |
| X 241090            |              | BC               | 161101 | 102          | 89            | 103    | 108      | 79          | 81        |              |             |               | 102          | 98        | 93        | 89      | 103      | 92                    | 86          |     |           |               | 79               | 94            | 80        |        |         |     |     |          |  |  |
| 98407828            |              |                  |        | 53           | 57            | 41     | 16       | 25          | 37        |              |             |               | 0.19         | 0.01      | -1        | 5.7     | -0.6     | 23                    | 8.1         |     |           |               | 9.0              | -2.9          | 2.5       |        |         |     |     |          |  |  |
| X241090             |              |                  |        |              |               |        |          |             |           |              |             |               | 57           | 38        | 16        | 57      | 41       | 38                    | 28          |     |           |               | 27               | 15            | 33        |        |         |     |     |          |  |  |
| X 241093            |              | BC               | 171054 | 108          | 82            | 114    | 116      | 78          | 88        |              |             |               | 107          | 98        | 85        | 82      | 114      | 97                    | 79          |     |           |               | 83               | 93            | 75        |        |         |     |     |          |  |  |
| 98407950            |              |                  |        | 52           | 56            | 39     | 11       | 24          | 35        |              |             |               | -0.29        | 0.01      | -10       | 1.4     | 2.5      | 34                    | 2.6         |     |           |               | 5.6              | -2.7          | -0.5      |        |         |     |     |          |  |  |
| X241093             |              |                  |        |              |               |        |          |             |           |              |             |               | 56           | 36        | 11        | 56      | 39       | 35                    | 28          |     |           |               | 25               | 14            | 32        |        |         |     |     |          |  |  |
| X 241094            |              | BC               | 181602 | 99           | 89            | 107    |          | 86          |           |              |             |               | 100          | 97        |           | 89      | 107      |                       | 86          |     |           |               | 88               | 101           | 80        |        |         |     |     |          |  |  |
| 98407794            |              |                  |        | 51           | 56            | 37     |          | 19          |           |              |             |               | 0.36         | 0.08      |           | 6.0     | 0.5      |                       | 8.3         |     |           |               | 1.8              | -4.3          | 2.2       |        |         |     |     |          |  |  |
| X241094             |              |                  |        |              |               |        |          |             |           |              |             |               | 56           | 34        |           | 56      | 37       |                       | 26          |     |           |               | 13               | 13            | 30        |        |         |     |     |          |  |  |
| X 241095            |              | BC               | 171509 | 104          | 84            | 124    |          | 83          |           |              |             |               | 103          | 102       |           | 84      | 124      |                       | 83          |     |           |               | 97               | 88            | 80        |        |         |     |     |          |  |  |
| 98407760            |              |                  |        | 51           | 56            | 37     |          | 24          |           |              |             |               | 0.08         | -0.13     |           | 2.8     | 5.3      |                       | 5.6         |     |           |               | -5.5             | -1.7          | 2.1       |        |         |     |     |          |  |  |
| X241095             |              |                  |        |              |               |        |          |             |           |              |             |               | 56           | 34        |           | 56      | 37       |                       | 26          |     |           |               | 26               | 14            | 32        |        |         |     |     |          |  |  |
| X 241096            |              | BC               | 121302 | 105          | 84            | 97     |          |             |           |              |             |               | 107          | 92        |           | 84      | 97       |                       | 82          |     |           |               |                  |               | 80        |        |         |     |     |          |  |  |
| 98407778            |              |                  |        | 48           | 54            | 36     |          |             |           |              |             |               | -0.23        | 0.25      |           | 2.7     | -2.2     |                       | 4.8         |     |           |               |                  |               | 2.5       |        |         |     |     |          |  |  |
| X241096             |              |                  |        |              |               |        |          |             |           |              |             |               | 53           | 32        |           | 54      | 36       |                       | 24          |     |           |               |                  |               | 30        |        |         |     |     |          |  |  |
| X 241098            |              | BC               | 201005 | 95           | 96            | 106    | 112      | 75          | 84        |              |             |               | 95           | 100       | 90        | 96      | 106      | 104                   | 93          |     |           |               | 79               | 91            | 73        |        |         |     |     |          |  |  |
| 98407752            |              |                  |        | 49           | 55            | 33     | 7        | 22          | 32        |              |             |               | 0.72         | -0.05     | -5        | 10.0    | 0.1      | 51                    | 13.8        |     |           |               | 8.7              | -2.3          | -2.0      |        |         |     |     |          |  |  |
| X241098             |              |                  |        |              |               |        |          |             |           |              |             |               | 55           | 30        | 7         | 55      | 33       | 32                    | 27          |     |           |               | 25               | 12            | 28        |        |         |     |     |          |  |  |
| X 241099            |              | BC               | 201089 | 110          | 78            | 101    |          | 75          |           |              |             |               | 110          | 98        |           | 78      | 101      |                       | 76          |     |           |               | 86               | 83            | 75        |        |         |     |     |          |  |  |
| 98407745            |              |                  |        | 49           | 54            | 31     |          | 19          |           |              |             |               | -0.47        | 0.03      |           | -0.9    | -1.2     |                       | 0.1         |     |           |               | 3.3              | -0.7          | -0.8      |        |         |     |     |          |  |  |
| X241099             |              |                  |        |              |               |        |          |             |           |              |             |               | 55           | 30        |           | 54      | 31       |                       | 12          |     |           |               | 23               | 11            | 23        |        |         |     |     |          |  |  |
| X 241100            |              | BC               | 201029 | 115          | 72            | 102    | 123      | 79          | 80        |              |             |               | 113          | 100       | 78        | 72      | 102      | 77                    | 70          |     |           |               | 90               | 85            | 80        |        |         |     |     |          |  |  |
| 98407737            |              |                  |        | 50           | 55            | 34     | 8        | 21          | 32        |              |             |               | -0.77        | -0.04     | -18       | -4.4    | -0.9     | -13                   | -4.0        |     |           |               | 0.6              | -1.0          | 2.1       |        |         |     |     |          |  |  |
| X241100             |              |                  |        |              |               |        |          |             |           |              |             |               | 55           | 31        | 8         | 55      | 34       | 32                    | 26          |     |           |               | 24               | 12            | 28        |        |         |     |     |          |  |  |
| X 241103            |              | BC               | 211543 | 89           | 93            | 107    | 112      | 78          | 81        |              |             |               | 91           | 97        | 90        | 93      | 107      | 101                   | 89          |     |           |               | 88               | 93            | 72        |        |         |     |     |          |  |  |
| 98407976            |              |                  |        | 49           | 54            | 28     | 6        | 19          | 30        |              |             |               | 1.07         | 0.07      | -4        | 8.0     | 0.5      | 45                    | 10.6        |     |           |               | 2.2              | -2.7          | -2.8      |        |         |     |     |          |  |  |
| X241103             |              |                  |        |              |               |        |          |             |           |              |             |               | 55           | 27        | 6         | 54      | 28       | 29                    | 25          |     |           |               | 23               | 6             | 28        |        |         |     |     |          |  |  |
| X 241107            |              | BC               | 171166 | 93           | 102           | 100    | 95       | 75          | 75        |              |             |               | 97           | 88        | 103       | 102     | 100      | 99                    | 98          |     |           |               | 74               | 95            | 75        |        |         |     |     |          |  |  |
| 98408008            |              |                  |        | 51           | 56            | 38     | 18       | 24          | 36        |              |             |               | 0.59         | 0.41      | 11        | 13.1    | -1.3     | 40                    | 17.7        |     |           |               | 12.8             | -3.1          | -1.0      |        |         |     |     |          |  |  |
| X241107             |              |                  |        |              |               |        |          |             |           |              |             |               | 56           | 35        | 18        | 56      | 38       | 37                    | 29          |     |           |               | 25               | 15            | 31        |        |         |     |     |          |  |  |
| X 241109            |              | BC               | 171010 | 106          | 81            | 111    | 123      | 82          | 92        |              |             |               | 106          | 98        | 78        | 81      | 111      | 97                    | 78          |     |           |               | 91               | 95            | 76        |        |         |     |     |          |  |  |
| 98408024            |              |                  |        | 51           | 56            | 38     | 32       | 23          | 38        |              |             |               | -0.16        | 0.01      | -19       | 0.9     | 1.8      | 35                    | 1.6         |     |           |               | -0.7             | -3.0          | 0.1       |        |         |     |     |          |  |  |
| X241109             |              |                  |        |              |               |        |          |             |           |              |             |               | 56           | 35        | 32        | 56      | 38       | 42                    | 26          |     |           |               | 27               | 10            | 32        |        |         |     |     |          |  |  |
| X 241111            |              | BC               | 171115 | 105          | 87            | 100    | 120      | 79          | 85        |              |             |               | 106          | 94        | 82        | 87      | 100      | 92                    | 83          | 79  |           |               | 84               | 89            | 89        | 76     |         |     |     |          |  |  |
| 98408040            |              |                  |        | 52           | 56            | 39     | 14       | 25          | 35        |              |             |               | -0.15        | 0.18      | -14       | 4.7     | -1.5     | 23                    | 5.8         | -5  |           | 1.7           | 1.3              | -1.8          | 0.1       |        |         |     |     |          |  |  |
| X241111             |              |                  |        |              |               |        |          |             |           |              |             |               | 57           | 36        | 14        | 56      | 39       | 36                    | 30          | 5   |           |               | 5                | 27            | 16        | 33     |         |     |     |          |  |  |

# Breeding Values and Accuracies: Cows

Green: >120    High  
White: 80-120 Average  
Orange: <80    Low

| Inbreeding in red is high       |              |                   |                  |               |           |           |             |           |              | Value <80   |               | Value >120         |                    | Breeding values with an accuracy < 5% are not printed |                  |                   |                       |             |                  |                |               |                  |                    |                  |                  |               |               |     |          |  |
|---------------------------------|--------------|-------------------|------------------|---------------|-----------|-----------|-------------|-----------|--------------|-------------|---------------|--------------------|--------------------|-------------------------------------------------------|------------------|-------------------|-----------------------|-------------|------------------|----------------|---------------|------------------|--------------------|------------------|------------------|---------------|---------------|-----|----------|--|
| Animal                          |              |                   | Selection Values |               |           |           |             |           |              |             | Birth         |                    | Wean               |                                                       |                  |                   | Growth                |             |                  | Fertility      |               |                  |                    | Frame            |                  | Carcass       |               |     |          |  |
| Index<br>EBV<br>Acc             | % Inbreeding | Sire ID<br>Dam ID | Calv. Ease V     | Calf Growth V | Milk V    | Maint. V  | Fertility V | Cow Value | Growth Value | Prod. Value | Carcass Value | Birth wt dir       | Birth mat          | Mature wt                                             | Wean wt          | Wean mat          | Cow-Calf Ratio (Wean) | Postwean wt | ADG              | FCR            | Scrotal Circ. | Heifer Fertility | Cow Fertility      | Longevity        | Height           | Length        | EMA           | Fat | Marbling |  |
| ID<br>Number<br>Name            |              |                   |                  |               |           |           |             |           |              |             |               |                    |                    |                                                       |                  |                   |                       |             |                  |                |               |                  |                    |                  |                  |               |               |     |          |  |
| X 241116<br>98408081<br>X241116 |              | BC 171572         | 106<br>51        | 96<br>56      | 113<br>39 | 103<br>32 | 86<br>24    | 97<br>38  |              |             |               | 108<br>-0.31<br>56 | 91<br>0.29<br>35   | 95<br>1<br>32                                         | 96<br>9.7<br>56  | 113<br>2.2<br>39  | 107<br>59<br>42       |             | 94<br>14.5<br>26 |                |               |                  | 93<br>-2.0<br>26   | 99<br>-3.9<br>15 | 79<br>1.5<br>32  |               |               |     |          |  |
| X 241120<br>98408115<br>X241120 |              | BC 201099         | 103<br>49        | 87<br>54      | 109<br>32 |           | 77<br>20    |           |              |             |               | 105<br>-0.07<br>55 | 92<br>0.25<br>29   |                                                       | 87<br>4.6<br>54  | 109<br>1.2<br>32  |                       |             | 88<br>9.8<br>26  |                |               |                  | 82<br>6.3<br>23    | 90<br>-2.1<br>11 | 77<br>0.8<br>26  |               |               |     |          |  |
| X 241121<br>98408123<br>X241121 |              | BC 201067         | 91<br>50         | 96<br>55      | 120<br>34 |           | 74<br>21    |           |              |             |               | 93<br>0.94<br>55   | 96<br>0.11<br>32   |                                                       | 96<br>9.9<br>55  | 120<br>4.3<br>34  |                       |             | 95<br>15.3<br>28 |                |               |                  | 78<br>9.6<br>24    | 87<br>-1.5<br>11 | 77<br>0.2<br>29  |               |               |     |          |  |
| X 241128<br>98408370<br>X241128 |              | BC 191010         | 112<br>50        | 90<br>55      | 94<br>35  |           | 78<br>21    |           |              |             |               | 113<br>-0.70<br>55 | 93<br>0.23<br>32   |                                                       | 90<br>6.5<br>55  | 94<br>-3.2<br>35  |                       |             | 89<br>10.5<br>25 |                |               |                  | 84<br>4.7<br>22    | 91<br>-2.2<br>11 | 75<br>-0.5<br>29 |               |               |     |          |  |
| X 241129<br>98408362<br>X241129 |              | BC 141223         | 106<br>53        | 85<br>56      | 104<br>41 | 113<br>9  | 87<br>27    | 89<br>36  |              |             |               | 107<br>-0.24<br>57 | 95<br>0.16<br>40   | 89<br>-6<br>9                                         | 85<br>3.4<br>56  | 104<br>-0.3<br>41 | 90<br>19<br>35        |             | 83<br>5.7<br>32  | 76<br>-15<br>6 |               | 82<br>1.0<br>6   | 104<br>-10.5<br>29 | 96<br>-3.3<br>17 | 75<br>-0.5<br>36 | 89<br>-5<br>6 | 82<br>-4<br>6 |     |          |  |
| X 241130<br>98408354<br>X241130 |              | BC 153005         | 108<br>49        | 92<br>53      | 102<br>36 |           |             |           |              |             |               | 110<br>-0.47<br>54 | 91<br>0.31<br>33   |                                                       | 92<br>7.7<br>53  | 102<br>-0.8<br>36 |                       |             | 91<br>11.8<br>25 |                |               |                  |                    |                  | 80<br>2.4<br>30  |               |               |     |          |  |
| X 241131<br>98408347<br>X241131 |              | BC 171122         | 104<br>51        | 90<br>56      | 94<br>37  | 84<br>18  | 77<br>25    | 62<br>36  |              |             |               | 108<br>-0.30<br>56 | 87<br>0.48<br>34   | 118<br>27<br>18                                       | 90<br>6.5<br>56  | 94<br>-3.2<br>37  | 77<br>-12<br>37       |             | 87<br>9.3<br>29  |                |               |                  | 83<br>5.8<br>27    | 92<br>-2.4<br>15 | 74<br>-1.4<br>32 |               |               |     |          |  |
| X 241133<br>98408321<br>X241133 |              | BC 181029         | 113<br>51        | 77<br>56      | 112<br>38 |           | 79<br>25    |           |              |             |               | 111<br>-0.58<br>56 | 100<br>-0.05<br>35 |                                                       | 77<br>-1.1<br>56 | 112<br>1.9<br>38  |                       |             | 76<br>0.2<br>32  |                |               |                  | 89<br>1.3<br>27    | 86<br>-1.3<br>15 | 78<br>1.2<br>32  |               |               |     |          |  |
| X 241135<br>98408305<br>X241135 |              | BC 191523         | 100<br>51        | 86<br>55      | 115<br>35 |           | 75<br>22    |           |              |             |               | 103<br>0.10<br>56  | 90<br>0.36<br>33   |                                                       | 86<br>4.3<br>55  | 115<br>2.7<br>35  | 101<br>45<br>31       |             | 84<br>6.8<br>29  |                |               |                  | 80<br>8.2<br>23    | 89<br>-1.9<br>14 | 75<br>-0.6<br>28 |               |               |     |          |  |
| X 241136<br>98408297<br>X241136 |              | BC 181524         | 103<br>50        | 87<br>54      | 108<br>37 |           | 75<br>18    |           |              |             |               | 104<br>-0.03<br>55 | 94<br>0.17<br>34   |                                                       | 87<br>4.7<br>54  | 108<br>0.9<br>37  | 95<br>30<br>31        |             | 83<br>6.1<br>28  |                |               |                  | 74<br>13.3<br>17   | 89<br>-1.8<br>5  | 80<br>2.1<br>31  |               |               |     |          |  |
| X 241137<br>98408289<br>X241137 |              | BC 191041         | 103<br>48        | 88<br>55      | 104<br>36 |           | 76<br>22    |           |              |             |               | 105<br>-0.10<br>53 | 93<br>0.24<br>32   |                                                       | 88<br>5.4<br>55  | 104<br>-0.2<br>36 |                       |             | 85<br>7.4<br>25  |                |               |                  | 80<br>8.4<br>22    | 89<br>-1.9<br>13 | 77<br>0.5<br>30  |               |               |     |          |  |
| X 241138<br>98408271<br>X241138 |              | BC 141320         | 104<br>48        | 85<br>52      | 106<br>34 |           |             |           |              |             |               | 106<br>-0.15<br>53 | 93<br>0.21<br>32   |                                                       | 85<br>3.2<br>52  | 106<br>0.4<br>34  |                       |             | 83<br>5.7<br>24  |                |               |                  |                    |                  | 79<br>1.8<br>30  |               |               |     |          |  |

Green: >120 High  
White: 80-120 Average  
Orange: <80 Low

Breeding values with an accuracy < 5% are not printed

 Beefmaster Genomic Analysis, SA Stud Book, September 2026
 39
CREATIVE BEEFMASTERS 707949

# Breeding Values and Accuracies: Cows

Green: >120 High  
White: 80-120 Average  
Orange: <80 Low

Inbreeding in red is high

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

| Animal                            |              |           |        | Selection Values |               |           |           |             |           |              |             |               | Birth              |                  | Wean      |                   |                   |                       | Growth         |                   |                  | Fertility     |                  |                   |                  | Frame            |                  | Carcass       |               |          |  |
|-----------------------------------|--------------|-----------|--------|------------------|---------------|-----------|-----------|-------------|-----------|--------------|-------------|---------------|--------------------|------------------|-----------|-------------------|-------------------|-----------------------|----------------|-------------------|------------------|---------------|------------------|-------------------|------------------|------------------|------------------|---------------|---------------|----------|--|
| Index<br>EBV<br>Acc               | % Inbreeding | Sire ID   | Dam ID | Calv. Ease V     | Calf Growth V | Milk V    | Maint. V  | Fertility V | Cow Value | Growth Value | Prod. Value | Carcass Value | Birth wt dir       | Birth mat        | Mature wt | Wean wt           | Wean mat          | Cow-Calf Ratio (Wean) | Postwean wt    | ADG               | FCR              | Scrotal Circ. | Heifer Fertility | Cow Fertility     | Longevity        | Height           | Length           | EMA           | Fat           | Marbling |  |
| ID Number<br>Name                 |              |           |        |                  |               |           |           |             |           |              |             |               |                    |                  |           |                   |                   |                       |                |                   |                  |               |                  |                   |                  |                  |                  |               |               |          |  |
| X 241159<br>98408495<br>X241159   |              | BC 171007 |        | 107<br>52        | 79<br>56      | 97<br>39  | 128<br>12 | 75<br>26    | 80<br>35  |              |             |               | 108<br>-0.32<br>56 | 94<br>0.19<br>36 |           | 72<br>-25<br>12   | 79<br>-0.2<br>56  | 97<br>-2.2<br>39      | 84<br>4<br>36  |                   | 74<br>-1.3<br>30 |               |                  | 85<br>4.4<br>28   | 86<br>-1.4<br>16 | 74<br>-1.1<br>33 |                  |               |               |          |  |
| X 241162<br>98408529<br>X241162   |              | BC 211139 |        | 84<br>49         | 108<br>55     | 111<br>29 |           | 71<br>21    |           |              |             |               | 86<br>1.48<br>55   | 98<br>0.04<br>28 |           | 108<br>16.9<br>55 | 111<br>1.8<br>29  | 116<br>79<br>29       |                | 104<br>22.3<br>31 |                  |               | 68<br>17.4<br>26 | 96<br>-3.3<br>8   | 69<br>-4.5<br>29 |                  |                  |               |               |          |  |
| X 241164<br>98408545<br>X241164   |              | BC 211006 |        | 106<br>48        | 82<br>53      | 104<br>25 |           | 73<br>16    |           |              |             |               | 107<br>-0.27<br>54 | 95<br>0.16<br>26 |           | 82<br>1.4<br>53   | 104<br>-0.3<br>25 |                       |                | 82<br>4.9<br>12   |                  |               | 84<br>5.1<br>22  | 84<br>-0.9<br>6   | 73<br>-2.0<br>21 |                  |                  |               |               |          |  |
| X 241165<br>98408552<br>X241165   |              | BC 211048 |        | 105<br>48        | 75<br>53      | 107<br>26 |           | 74<br>17    |           |              |             |               | 107<br>-0.21<br>54 | 93<br>0.22<br>25 |           | 75<br>-2.5<br>53  | 107<br>0.7<br>26  |                       |                | 73<br>-1.9<br>12  |                  |               | 89<br>1.1<br>23  | 85<br>-1.0<br>7   | 71<br>-3.2<br>22 |                  |                  |               |               |          |  |
| X 241168<br>98408586<br>X241168   |              | BC 141057 |        | 104<br>53        | 101<br>58     | 96<br>42  | 99<br>6   | 86<br>27    | 87<br>36  |              |             |               | 104<br>0.03<br>57  | 98<br>0.04<br>39 |           | 99<br>6<br>6      | 101<br>12.5<br>58 | 96<br>-2.7<br>42      | 96<br>32<br>35 |                   | 98<br>17.3<br>30 | 91<br>40<br>6 |                  | 94<br>7.9<br>7    | 94<br>-2.7<br>28 | 98<br>-3.7<br>16 | 77<br>0.8<br>36  | 103<br>3<br>7 | 98<br>11<br>7 |          |  |
| X 241169<br>98408594<br>X241169   |              | BC 151510 |        | 106<br>50        | 81<br>54      | 102<br>38 |           | 78<br>15    |           |              |             |               | 110<br>-0.52<br>54 | 85<br>0.56<br>35 |           | 81<br>1.3<br>54   | 102<br>-0.9<br>38 |                       |                | 83<br>5.7<br>24   |                  |               | 91<br>-0.7<br>11 |                   | 77<br>0.8<br>32  |                  |                  |               |               |          |  |
| X 241170<br>98408602<br>X241170   |              | BC 191112 |        | 100<br>50        | 89<br>55      | 103<br>34 | 113<br>6  | 80<br>24    | 83<br>33  |              |             |               | 102<br>0.18<br>55  | 92<br>0.24<br>31 |           | 89<br>-6<br>6     | 89<br>5.6<br>55   | 103<br>-0.5<br>34     | 94<br>27<br>32 |                   | 86<br>8.5<br>30  | 82<br>6<br>5  |                  | 85<br>2.6<br>5    | 90<br>0.4<br>25  | 92<br>-2.5<br>16 | 74<br>-1.2<br>30 | 88<br>-5<br>5 | 82<br>-3<br>5 |          |  |
| X 241171<br>98408610<br>X241171   |              | BC 191043 |        | 101<br>50        | 81<br>55      | 106<br>35 |           | 81<br>23    |           |              |             |               | 102<br>0.21<br>55  | 97<br>0.07<br>32 |           | 81<br>1.0<br>55   | 106<br>0.2<br>35  | 91<br>21<br>31        |                | 80<br>3.4<br>30   |                  |               | 93<br>-2.1<br>25 | 92<br>-2.4<br>14  | 74<br>-1.5<br>31 |                  |                  |               |               |          |  |
| X 241172<br>98408628<br>X241172   |              | BC 211023 |        | 99<br>49         | 91<br>55      | 109<br>31 |           | 76<br>21    |           |              |             |               | 100<br>0.36<br>55  | 98<br>0.03<br>29 |           | 91<br>7.1<br>55   | 109<br>1.2<br>31  |                       |                | 90<br>11.1<br>28  |                  |               | 80<br>8.4<br>25  | 92<br>-2.4<br>11  | 75<br>-0.9<br>27 |                  |                  |               |               |          |  |
| X 241173<br>98408636<br>X241173   |              | BC 211536 |        | 104<br>48        | 66<br>54      | 105<br>27 |           |             |           |              |             |               | 106<br>-0.13<br>54 | 94<br>0.17<br>25 |           | 66<br>-7.6<br>54  | 105<br>0.0<br>27  |                       |                | 62<br>-10.0<br>25 |                  |               | 91<br>0.0<br>22  |                   | 70<br>-3.7<br>27 |                  |                  |               |               |          |  |
| X 241175<br>98408651<br>X241175   |              | BC 211124 |        | 97<br>48         | 88<br>54      | 110<br>26 |           | 74<br>18    |           |              |             |               | 99<br>0.40<br>54   | 93<br>0.23<br>25 |           | 88<br>5.1<br>54   | 110<br>1.3<br>26  |                       |                | 86<br>8.2<br>25   |                  |               | 83<br>6.0<br>22  | 89<br>-1.9<br>6   | 71<br>-3.5<br>27 |                  |                  |               |               |          |  |
| X 251004<br>6020208473<br>X251004 |              | BC 201035 |        | 103<br>50        | 96<br>55      | 103<br>34 |           | 81<br>19    |           |              |             |               | 103<br>0.10<br>55  | 98<br>0.02<br>31 |           | 96<br>9.8<br>55   | 103<br>-0.6<br>34 |                       |                | 93<br>13.4<br>14  |                  |               | 78<br>9.5<br>24  | 102<br>-4.4<br>11 | 77<br>0.6<br>23  |                  |                  |               |               |          |  |

# Breeding Values and Accuracies: Cows

Green: >120 High  
White: 80-120 Average  
Orange: <80 Low

Inbreeding in red is high

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

| Animal                            |              |                   | Selection Values |               |           |           |             |           |              |             | Birth         |                    | Wean             |           |                   |                   | Growth                |                 |                  | Fertility        |               |                  |                  | Frame            |                  | Carcass |     |     |          |  |  |
|-----------------------------------|--------------|-------------------|------------------|---------------|-----------|-----------|-------------|-----------|--------------|-------------|---------------|--------------------|------------------|-----------|-------------------|-------------------|-----------------------|-----------------|------------------|------------------|---------------|------------------|------------------|------------------|------------------|---------|-----|-----|----------|--|--|
| Index<br>EBV<br>Acc               | % Inbreeding | Sire ID<br>Dam ID | Calv. Ease V     | Calf Growth V | Milk V    | Maint. V  | Fertility V | Cow Value | Growth Value | Prod. Value | Carcass Value | Birth wt dir       | Birth mat        | Mature wt | Wean wt           | Wean mat          | Cow-Calf Ratio (Wean) | Postwean wt     | ADG              | FCR              | Scrotal Circ. | Heifer Fertility | Cow Fertility    | Longevity        | Height           | Length  | EMA | Fat | Marbling |  |  |
| ID<br>Number<br>Name              |              |                   |                  |               |           |           |             |           |              |             |               |                    |                  |           |                   |                   |                       |                 |                  |                  |               |                  |                  |                  |                  |         |     |     |          |  |  |
| X 251005<br>6020208481<br>X251005 |              | BC 191094         | 95<br>51         | 98<br>56      | 106<br>36 |           | 83<br>22    |           |              |             |               | 97<br>0.56<br>56   | 92<br>0.25<br>33 |           | 98<br>11.0<br>56  | 106<br>0.3<br>36  | 103<br>50<br>31       |                 | 95<br>15.3<br>15 |                  |               | 89<br>1.2<br>25  | 99<br>-3.9<br>15 | 74<br>-1.2<br>26 |                  |         |     |     |          |  |  |
| X 251006<br>6020208499<br>X251006 |              | X 220054          | 111<br>47        | 85<br>51      | 106<br>28 | 114<br>10 | 78<br>16    | 86<br>29  |              |             |               | 113<br>-0.72<br>53 | 90<br>0.34<br>26 |           | 88<br>-7<br>10    | 85<br>3.7<br>51   | 106<br>0.2<br>28      | 92<br>24<br>30  |                  | 84<br>6.6<br>13  |               |                  | 89<br>1.3<br>25  | 89<br>-1.8<br>6  | 75<br>-0.6<br>16 |         |     |     |          |  |  |
| X 251014<br>6020208549<br>X251014 |              | BC 181309         | 120<br>48        | 75<br>53      | 99<br>35  |           | 80<br>12    |           |              |             |               | 121<br>-1.40<br>53 | 90<br>0.35<br>31 |           | 75<br>-2.1<br>53  | 99<br>-1.7<br>35  |                       |                 | 74<br>-0.7<br>10 |                  |               | 93<br>-1.9<br>11 |                  | 79<br>1.8<br>23  |                  |         |     |     |          |  |  |
| X 251018<br>6020208556<br>X251018 |              | BC 201046         | 84<br>49         | 95<br>55      | 110<br>33 |           | 76<br>19    |           |              |             |               | 86<br>1.46<br>55   | 98<br>0.04<br>30 |           | 95<br>9.4<br>55   | 110<br>1.4<br>33  |                       |                 | 93<br>13.8<br>12 |                  |               | 80<br>7.9<br>23  | 90<br>-2.0<br>11 | 76<br>-0.4<br>23 |                  |         |     |     |          |  |  |
| X 251020<br>6020208564<br>X251020 |              | BC 181524         | 101<br>51        | 89<br>54      | 109<br>37 |           | 75<br>16    |           |              |             |               | 103<br>0.10<br>56  | 94<br>0.16<br>34 |           | 89<br>5.5<br>54   | 109<br>1.1<br>37  | 98<br>38<br>31        |                 | 86<br>8.6<br>15  |                  |               | 74<br>12.8<br>17 | 88<br>-1.7<br>5  | 80<br>2.4<br>27  |                  |         |     |     |          |  |  |
| X 251021<br>6020208572<br>X251021 |              | BC 181005         | 111<br>52        | 69<br>57      | 120<br>38 | 125<br>9  | 86<br>22    | 93<br>34  |              |             |               | 114<br>-0.79<br>57 | 88<br>0.40<br>36 |           | 74<br>-23<br>9    | 69<br>-5.8<br>57  | 120<br>4.2<br>38      | 93<br>25<br>35  | 70<br>-4.1<br>15 |                  |               | 99<br>-6.5<br>26 | 92<br>-2.4<br>13 | 82<br>3.4<br>27  |                  |         |     |     |          |  |  |
| X 251026<br>6020208598<br>X251026 |              | X 220177          | 99<br>47         | 100<br>51     | 106<br>27 | 106<br>16 | 77<br>13    | 88<br>30  |              |             |               | 100<br>0.36<br>53  | 97<br>0.06<br>26 |           | 94<br>0<br>16     | 100<br>12.2<br>51 | 106<br>0.3<br>27      | 107<br>58<br>31 |                  | 97<br>16.7<br>12 |               |                  | 79<br>8.6<br>13  | 97<br>-3.5<br>5  | 72<br>-2.9<br>21 |         |     |     |          |  |  |
| X 251027<br>6020208606<br>X251027 |              | X 220113          | 92<br>47         | 96<br>51      | 110<br>27 |           | 82<br>17    |           |              |             |               | 95<br>0.77<br>53   | 93<br>0.20<br>26 |           | 96<br>10.0<br>51  | 110<br>1.4<br>27  | 106<br>57<br>27       |                 | 94<br>14.8<br>13 |                  |               | 87<br>2.7<br>24  | 97<br>-3.5<br>7  | 76<br>-0.1<br>19 |                  |         |     |     |          |  |  |
| X 251028<br>6020208614<br>X251028 |              | X 220018          | 92<br>47         | 102<br>51     | 113<br>25 |           | 79<br>16    |           |              |             |               | 94<br>0.84<br>53   | 97<br>0.05<br>24 |           | 102<br>13.0<br>51 | 113<br>2.2<br>25  |                       |                 | 99<br>18.1<br>14 |                  |               | 82<br>6.7<br>24  |                  | 73<br>-1.7<br>20 |                  |         |     |     |          |  |  |
| X 251029<br>6020208622<br>X251029 |              | X 220005          | 104<br>47        | 91<br>51      | 104<br>28 |           |             |           |              |             |               | 106<br>-0.13<br>53 | 93<br>0.21<br>27 |           | 91<br>6.8<br>51   | 104<br>-0.2<br>28 |                       |                 | 88<br>9.9<br>12  |                  |               | 85<br>4.3<br>23  |                  | 75<br>-0.4<br>22 |                  |         |     |     |          |  |  |
| X 251031<br>6020208648<br>X251031 |              | X 220091          | 85<br>47         | 93<br>51      | 113<br>26 |           | 77<br>17    |           |              |             |               | 88<br>1.33<br>53   | 95<br>0.15<br>25 |           | 93<br>8.0<br>51   | 113<br>2.1<br>26  |                       |                 | 90<br>11.6<br>12 |                  |               | 87<br>3.0<br>24  | 93<br>-2.7<br>7  | 71<br>-3.3<br>20 |                  |         |     |     |          |  |  |
| X 251035<br>6020208663<br>X251035 |              | BC 211026         | 91<br>49         | 96<br>55      | 102<br>32 |           | 75<br>20    |           |              |             |               | 94<br>0.86<br>55   | 94<br>0.19<br>30 |           | 96<br>10.1<br>55  | 102<br>-0.8<br>32 | 101<br>45<br>30       |                 | 94<br>14.2<br>16 |                  |               | 78<br>10.1<br>25 | 92<br>-2.5<br>11 | 73<br>-1.8<br>24 |                  |         |     |     |          |  |  |

Breeding Values and Accuracies: Cows

Green: >120 High  
White: 80-120 Average  
Orange: <80 Low

| Inbreeding in red is high         |              |                   |                  |               |           |           |             |           |              | Value <80   |               | Value >120         |                   | Breeding values with an accuracy < 5% are not printed |                  |                   |                       |                  |               |     |               |                   |                  |                  |                  |               |              |     |          |
|-----------------------------------|--------------|-------------------|------------------|---------------|-----------|-----------|-------------|-----------|--------------|-------------|---------------|--------------------|-------------------|-------------------------------------------------------|------------------|-------------------|-----------------------|------------------|---------------|-----|---------------|-------------------|------------------|------------------|------------------|---------------|--------------|-----|----------|
| Animal                            |              |                   | Selection Values |               |           |           |             |           |              | Birth       |               | Wean               |                   |                                                       |                  | Growth            |                       |                  | Fertility     |     |               |                   | Frame            |                  | Carcass          |               |              |     |          |
| Index<br>EBV<br>Acc               | % Inbreeding | Sire ID<br>Dam ID | Calv. Ease V     | Calf Growth V | Milk V    | Maint. V  | Fertility V | Cow Value | Growth Value | Prod. Value | Carcass Value | Birth wt dir       | Birth mat         | Mature wt                                             | Wean wt          | Wean mat          | Cow-Calf Ratio (Wean) | Postwean wt      | ADG           | FCR | Scrotal Circ. | Heifer Fertility  | Cow Fertility    | Longevity        | Height           | Length        | EMA          | Fat | Marbling |
| ID<br>Number<br>Name              |              |                   |                  |               |           |           |             |           |              |             |               |                    |                   |                                                       |                  |                   |                       |                  |               |     |               |                   |                  |                  |                  |               |              |     |          |
| X 251036<br>6020208671<br>X251036 |              | X 220095          | 103<br>47        | 69<br>51      | 106<br>28 |           | 83<br>18    |           |              |             |               | 104<br>0.02<br>53  | 95<br>0.15<br>26  |                                                       | 69<br>-5.9<br>51 | 106<br>0.4<br>28  |                       | 68<br>-5.7<br>13 |               |     |               | 101<br>-8.5<br>25 | 89<br>-1.8<br>7  | 76<br>0.0<br>21  |                  |               |              |     |          |
| X 251037<br>6020208689<br>X251037 |              | X 220090          | 90<br>47         | 92<br>52      | 111<br>28 | 113<br>6  | 81<br>18    | 86<br>29  |              |             |               | 92<br>0.98<br>53   | 94<br>0.17<br>27  | 89<br>-5<br>6                                         | 92<br>7.5<br>52  | 111<br>1.7<br>28  | 104<br>52<br>29       | 89<br>10.6<br>17 | 80<br>-2<br>5 |     |               | 84<br>2.1<br>6    | 90<br>0.3<br>25  | 95<br>-3.2<br>8  | 74<br>-1.1<br>22 | 93<br>-3<br>6 | 86<br>0<br>6 |     |          |
| X 251038<br>6020208697<br>X251038 |              | X 220025          | 91<br>47         | 96<br>51      | 100<br>27 | 114<br>16 | 80<br>18    | 84<br>30  |              |             |               | 94<br>0.82<br>53   | 93<br>0.23<br>26  | 88<br>-7<br>16                                        | 96<br>9.9<br>51  | 100<br>-1.3<br>27 | 100<br>42<br>31       | 92<br>12.8<br>14 |               |     |               | 85<br>4.3<br>24   | 97<br>-3.4<br>7  | 73<br>-1.7<br>22 |                  |               |              |     |          |
| X 251040<br>6020208713<br>X251040 |              | BC 191523         | 93<br>51         | 85<br>56      | 119<br>35 |           | 75<br>21    |           |              |             |               | 96<br>0.67<br>56   | 93<br>0.23<br>33  |                                                       | 85<br>3.2<br>56  | 119<br>4.0<br>35  | 105<br>54<br>31       | 82<br>5.3<br>17  |               |     |               | 81<br>7.4<br>23   | 88<br>-1.8<br>14 | 75<br>-0.7<br>25 |                  |               |              |     |          |
| X 251041<br>6020208721<br>X251041 |              | BC 171048         | 102<br>51        | 66<br>56      | 109<br>39 | 135<br>32 | 85<br>23    | 84<br>38  |              |             |               | 104<br>0.00<br>56  | 92<br>0.26<br>35  | 61<br>-37<br>32                                       | 66<br>-7.6<br>56 | 109<br>1.1<br>39  | 84<br>4<br>42         | 64<br>-8.7<br>16 |               |     |               | 98<br>-5.9<br>27  | 91<br>-2.2<br>14 | 79<br>1.9<br>27  |                  |               |              |     |          |
| X 251047<br>6020208762<br>X251047 |              | BC 201057         | 88<br>49         | 90<br>55      | 104<br>32 |           | 80<br>19    |           |              |             |               | 91<br>1.07<br>55   | 93<br>0.21<br>29  |                                                       | 90<br>6.2<br>55  | 104<br>-0.4<br>32 |                       | 87<br>9.3<br>13  |               |     |               | 84<br>5.1<br>23   | 94<br>-2.9<br>11 | 78<br>1.2<br>23  |                  |               |              |     |          |
| X 251048<br>6020208770<br>X251048 |              | BC 171166         | 92<br>51         | 79<br>56      | 117<br>38 | 119<br>18 | 75<br>23    | 79<br>35  |              |             |               | 96<br>0.68<br>56   | 91<br>0.30<br>35  | 82<br>-13<br>18                                       | 79<br>-0.1<br>56 | 117<br>3.5<br>38  | 98<br>37<br>37        | 77<br>1.6<br>17  |               |     |               | 84<br>4.7<br>25   | 87<br>-1.5<br>15 | 74<br>-1.3<br>28 |                  |               |              |     |          |
| X 251051<br>6020208796<br>X251051 |              | BC 141338         | 89<br>48         | 89<br>54      | 111<br>36 |           |             |           |              |             |               | 92<br>1.04<br>53   | 95<br>0.16<br>32  |                                                       | 89<br>5.6<br>54  | 111<br>1.6<br>36  |                       | 87<br>8.8<br>8   |               |     |               |                   |                  | 82<br>3.6<br>26  |                  |               |              |     |          |
| X 251052<br>6020208804<br>X251052 |              | BC 171185         | 96<br>52         | 85<br>57      | 115<br>39 | 115<br>11 | 78<br>23    | 84<br>35  |              |             |               | 96<br>0.66<br>56   | 99<br>-0.03<br>36 | 86<br>-9<br>11                                        | 85<br>3.2<br>57  | 115<br>2.9<br>39  | 101<br>44<br>36       | 82<br>5.3<br>18  |               |     |               | 87<br>2.9<br>27   | 87<br>-1.4<br>15 | 78<br>1.2<br>27  |                  |               |              |     |          |
| X 251053<br>6020208812<br>X251053 |              | BC 211508         | 115<br>49        | 83<br>54      | 103<br>31 | 116<br>16 | 82<br>19    | 89<br>32  |              |             |               | 114<br>-0.86<br>55 | 96<br>0.10<br>29  | 86<br>-9<br>16                                        | 83<br>2.3<br>54  | 103<br>-0.6<br>31 | 88<br>13<br>34        | 82<br>5.0<br>14  |               |     |               | 93<br>-2.1<br>25  | 95<br>-3.0<br>10 | 74<br>-1.2<br>23 |                  |               |              |     |          |
| X 251055<br>6020208838<br>X251055 |              | BC 141115         | 101<br>53        | 86<br>57      | 96<br>41  |           | 72<br>25    |           |              |             |               | 104<br>-0.02<br>57 | 89<br>0.37<br>39  |                                                       | 86<br>4.3<br>57  | 96<br>-2.7<br>41  |                       | 83<br>5.9<br>17  |               |     |               | 70<br>16.2<br>27  | 91<br>-2.3<br>16 | 74<br>-1.2<br>32 |                  |               |              |     |          |
| X 251060<br>6020208879<br>X251060 |              | BC 211523         | 101<br>49        | 92<br>54      | 104<br>31 |           | 75<br>17    |           |              |             |               | 104<br>0.02<br>55  | 91<br>0.29<br>29  |                                                       | 92<br>7.5<br>54  | 104<br>-0.4<br>31 |                       | 89<br>10.8<br>12 |               |     |               | 80<br>8.2<br>23   | 90<br>-2.0<br>6  | 74<br>-1.2<br>23 |                  |               |              |     |          |

# Breeding Values and Accuracies: Cows

Green: >120    High  
White: 80-120 Average  
Orange: <80    Low

Inbreeding in red is high

Value <80Value >120

Breeding values with an accuracy < 5% are not printed

| Animal                            |              |                   | Selection Values |               |           |           |             |           |              |             |               |                    | Birth              |                 | Wean             |                   |                       |             | Growth           |     |               | Fertility        |                  |                  |                  | Frame  |     | Carcass |          |  |
|-----------------------------------|--------------|-------------------|------------------|---------------|-----------|-----------|-------------|-----------|--------------|-------------|---------------|--------------------|--------------------|-----------------|------------------|-------------------|-----------------------|-------------|------------------|-----|---------------|------------------|------------------|------------------|------------------|--------|-----|---------|----------|--|
| Index<br>EBV<br>Acc               | % Inbreeding | Sire ID<br>Dam ID | Calv. Ease V     | Calf Growth V | Milk V    | Maint. V  | Fertility V | Cow Value | Growth Value | Prod. Value | Carcass Value | Birth wt dir       | Birth mat          | Mature wt       | Wean wt          | Wean mat          | Cow-Calf Ratio (Wean) | Postwean wt | ADG              | FCR | Scrotal Circ. | Heifer Fertility | Cow Fertility    | Longevity        | Height           | Length | EMA | Fat     | Marbling |  |
| ID<br>Number<br>Name              |              |                   |                  |               |           |           |             |           |              |             |               |                    |                    |                 |                  |                   |                       |             |                  |     |               |                  |                  |                  |                  |        |     |         |          |  |
| X 251062<br>6020208895<br>X251062 |              | BC 171579         | 103<br>52        | 90<br>57      | 110<br>39 | 108<br>32 | 78<br>21    | 86<br>38  |              |             |               | 105<br>-0.08<br>57 | 92<br>0.26<br>36   | 93<br>-1<br>32  | 90<br>6.4<br>57  | 110<br>1.4<br>39  | 100<br>41<br>43       |             | 88<br>9.7<br>14  |     |               |                  | 89<br>1.0<br>23  | 89<br>-1.9<br>13 | 74<br>-1.1<br>28 |        |     |         |          |  |
| X 251063<br>6020208903<br>X251063 |              | BC 161526         | 101<br>51        | 91<br>57      | 107<br>40 | 102<br>19 | 75<br>22    | 79<br>36  |              |             |               | 104<br>-0.02<br>55 | 88<br>0.43<br>36   | 96<br>2<br>19   | 91<br>7.2<br>57  | 107<br>0.7<br>40  | 97<br>35<br>39        |             | 90<br>11.2<br>14 |     |               |                  | 80<br>8.4<br>26  | 85<br>-1.1<br>11 | 80<br>2.3<br>30  |        |     |         |          |  |
| X 251064<br>6020208911<br>X251064 |              | BC 153008         | 111<br>51        | 81<br>55      | 112<br>39 |           | 84<br>16    |           |              |             |               | 110<br>-0.48<br>55 | 101<br>-0.08<br>35 |                 | 81<br>1.3<br>55  | 112<br>2.0<br>39  |                       |             | 80<br>3.6<br>12  |     |               |                  | 92<br>-1.3<br>16 |                  | 86<br>6.0<br>28  |        |     |         |          |  |
| X 251065<br>6020208929<br>X251065 |              | BC 191539         | 105<br>51        | 85<br>56      | 111<br>36 |           | 83<br>22    |           |              |             |               | 106<br>-0.12<br>56 | 96<br>0.09<br>33   |                 | 85<br>3.6<br>56  | 111<br>1.7<br>36  |                       |             | 83<br>5.9<br>14  |     |               |                  | 96<br>-4.0<br>26 | 93<br>-2.7<br>15 | 76<br>-0.2<br>26 |        |     |         |          |  |
| X 251072<br>6020208978<br>X251072 |              | BC 121311         | 91<br>49         | 91<br>54      | 108<br>37 |           |             |           |              |             |               | 92<br>1.04<br>54   | 100<br>-0.04<br>33 |                 | 91<br>7.0<br>54  | 108<br>0.9<br>37  |                       |             | 89<br>10.4<br>10 |     |               |                  |                  |                  | 82<br>3.7<br>27  |        |     |         |          |  |
| X 251073<br>6020208986<br>X251073 |              | BC 211529         | 86<br>49         | 93<br>55      | 120<br>31 | 112<br>16 | 85<br>20    | 92<br>33  |              |             |               | 89<br>1.24<br>55   | 95<br>0.15<br>29   | 89<br>-5<br>16  | 93<br>7.9<br>55  | 120<br>4.2<br>31  | 113<br>72<br>34       |             | 91<br>12.0<br>14 |     |               |                  | 95<br>-3.5<br>25 | 97<br>-3.4<br>11 | 76<br>-0.3<br>23 |        |     |         |          |  |
| X 251074<br>6020208994<br>X251074 |              | BC 122021         | 88<br>52         | 98<br>56      | 101<br>41 |           | 84<br>16    |           |              |             |               | 92<br>0.96<br>56   | 90<br>0.32<br>39   |                 | 98<br>10.7<br>56 | 101<br>-1.2<br>41 |                       |             | 95<br>15.1<br>8  |     |               |                  | 92<br>-0.9<br>11 | 94<br>-2.9<br>6  | 81<br>2.8<br>31  |        |     |         |          |  |
| X 251081<br>6020209026<br>X251081 |              | BC 171543         | 106<br>52        | 82<br>56      | 111<br>39 | 122<br>13 | 86<br>23    | 95<br>35  |              |             |               | 109<br>-0.37<br>56 | 90<br>0.35<br>36   | 78<br>-18<br>13 | 82<br>1.6<br>56  | 111<br>1.7<br>39  | 98<br>37<br>36        |             | 80<br>3.7<br>18  |     |               |                  | 95<br>-3.7<br>27 | 96<br>-3.3<br>15 | 80<br>2.1<br>28  |        |     |         |          |  |
| X 251092<br>6020209125<br>X251092 |              | BC 161054         | 109<br>53        | 88<br>57      | 108<br>40 | 101<br>14 | 71<br>24    | 77<br>36  |              |             |               | 110<br>-0.51<br>57 | 93<br>0.22<br>37   | 96<br>3<br>14   | 88<br>5.2<br>57  | 108<br>0.9<br>40  | 94<br>27<br>37        |             | 86<br>7.9<br>20  |     |               |                  | 72<br>14.7<br>28 | 87<br>-1.4<br>13 | 76<br>-0.1<br>30 |        |     |         |          |  |
| X 251095<br>6020209158<br>X251095 |              | BC 141015         | 104<br>54        | 82<br>58      | 106<br>42 | 115<br>9  | 70<br>26    | 75<br>36  |              |             |               | 103<br>0.05<br>58  | 99<br>0.00<br>39   | 86<br>-8<br>9   | 82<br>1.7<br>58  | 106<br>0.2<br>42  | 89<br>17<br>36        |             | 80<br>3.4<br>20  |     |               |                  | 74<br>13.1<br>30 | 85<br>-1.2<br>16 | 73<br>-1.9<br>33 |        |     |         |          |  |
| X 251096<br>6020209166<br>X251096 |              | BC 191005         | 101<br>50        | 88<br>55      | 103<br>35 |           | 77<br>19    |           |              |             |               | 101<br>0.24<br>55  | 99<br>0.00<br>31   |                 | 88<br>5.0<br>55  | 103<br>-0.5<br>35 |                       |             | 85<br>7.8<br>12  |     |               |                  | 79<br>8.8<br>22  | 93<br>-2.7<br>10 | 76<br>0.1<br>25  |        |     |         |          |  |
| X 251099<br>6020209190<br>X251099 |              | BC 191083         | 96<br>51         | 95<br>56      | 116<br>36 | 98<br>8   | 85<br>22    | 89<br>33  |              |             |               | 97<br>0.60<br>56   | 98<br>0.04<br>33   | 99<br>6<br>8    | 95<br>9.5<br>56  | 116<br>3.1<br>36  | 107<br>59<br>33       |             | 93<br>13.5<br>14 |     |               |                  | 89<br>1.1<br>25  | 97<br>-3.5<br>14 | 81<br>3.3<br>26  |        |     |         |          |  |

# Breeding Values and Accuracies: Cows

Green: >120 High  
White: 80-120 Average  
Orange: <80 Low

Inbreeding in red is high

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

| Animal                            |              |                   | Selection Values |               |           |           |             |           |              |             | Birth         |                    | Wean               |                 |                   |                   | Growth                |                   |     | Fertility |               |                   |                   | Frame            |        | Carcass |     |     |          |
|-----------------------------------|--------------|-------------------|------------------|---------------|-----------|-----------|-------------|-----------|--------------|-------------|---------------|--------------------|--------------------|-----------------|-------------------|-------------------|-----------------------|-------------------|-----|-----------|---------------|-------------------|-------------------|------------------|--------|---------|-----|-----|----------|
| Index<br>EBV<br>Acc               | % Inbreeding | Sire ID<br>Dam ID | Calv. Ease V     | Calf Growth V | Milk V    | Maint. V  | Fertility V | Cow Value | Growth Value | Prod. Value | Carcass Value | Birth wt dir       | Birth mat          | Mature wt       | Wean wt           | Wean mat          | Cow-Calf Ratio (Wean) | Postwean wt       | ADG | FCR       | Scrotal Circ. | Heifer Fertility  | Cow Fertility     | Longevity        | Height | Length  | EMA | Fat | Marbling |
| ID<br>Number<br>Name              |              |                   |                  |               |           |           |             |           |              |             |               |                    |                    |                 |                   |                   |                       |                   |     |           |               |                   |                   |                  |        |         |     |     |          |
| X 251100<br>6020209208<br>X251100 |              | BC 161540         | 106<br>51        | 89<br>57      | 100<br>40 | 104<br>19 | 80<br>23    | 78<br>36  |              |             |               | 107<br>-0.23<br>55 | 94<br>0.20<br>37   | 95<br>2<br>19   | 89<br>5.6<br>57   | 100<br>-1.4<br>40 | 88<br>14<br>39        | 86<br>8.4<br>14   |     |           |               | 91<br>-0.5<br>25  | 87<br>-1.5<br>13  | 78<br>1.2<br>30  |        |         |     |     |          |
| X 251103<br>6020209224<br>X251103 |              | BC 211001         | 110<br>48        | 85<br>53      | 109<br>29 |           | 79<br>16    |           |              |             |               | 111<br>-0.59<br>54 | 92<br>0.28<br>27   |                 | 85<br>3.4<br>53   | 109<br>1.1<br>29  |                       | 82<br>5.4<br>12   |     |           |               | 89<br>1.0<br>22   | 91<br>-2.3<br>6   | 75<br>-0.8<br>21 |        |         |     |     |          |
| X 251108<br>6020209273<br>X251108 |              | BC 181577         | 104<br>51        | 104<br>56     | 95<br>38  |           | 87<br>21    |           |              |             |               | 105<br>-0.04<br>56 | 98<br>0.04<br>35   |                 | 104<br>14.7<br>56 | 95<br>-2.9<br>38  |                       | 101<br>20.1<br>12 |     |           |               | 92<br>-1.4<br>23  | 101<br>-4.2<br>13 | 81<br>2.8<br>26  |        |         |     |     |          |
| X 251110<br>6020209299<br>X251110 |              | BC 171505         | 109<br>51        | 74<br>56      | 106<br>38 | 131<br>18 | 82<br>22    | 88<br>35  |              |             |               | 108<br>-0.34<br>56 | 98<br>0.04<br>35   | 68<br>-30<br>18 | 74<br>-3.2<br>56  | 106<br>0.3<br>38  | 88<br>13<br>37        | 73<br>-2.1<br>15  |     |           |               | 96<br>-4.7<br>24  | 90<br>-2.1<br>14  | 76<br>0.1<br>29  |        |         |     |     |          |
| X 251111<br>6020209307<br>X251111 |              | BC 191018         | 90<br>51         | 101<br>56     | 116<br>35 |           | 77<br>20    |           |              |             |               | 90<br>1.13<br>56   | 101<br>-0.09<br>32 |                 | 101<br>12.7<br>56 | 116<br>3.2<br>35  |                       | 98<br>17.2<br>14  |     |           |               | 77<br>10.2<br>24  | 95<br>-3.1<br>11  | 76<br>0.1<br>26  |        |         |     |     |          |
| X 251112<br>6020209315<br>X251112 |              | BC 201067         | 91<br>50         | 99<br>56      | 118<br>34 |           | 74<br>20    |           |              |             |               | 93<br>0.90<br>55   | 96<br>0.12<br>32   |                 | 99<br>11.5<br>56  | 118<br>3.6<br>34  |                       | 97<br>16.4<br>16  |     |           |               | 76<br>11.0<br>24  | 89<br>-1.8<br>11  | 77<br>0.3<br>25  |        |         |     |     |          |
| X 251120<br>6020209380<br>X251120 |              | BC 141235         | 98<br>53         | 84<br>56      | 119<br>42 | 114<br>7  | 79<br>23    | 87<br>35  |              |             |               | 100<br>0.30<br>57  | 93<br>0.22<br>39   | 87<br>-8<br>7   | 84<br>2.9<br>56   | 119<br>4.0<br>42  | 103<br>50<br>35       | 82<br>5.2<br>16   |     |           |               | 83<br>6.1<br>26   | 93<br>-2.8<br>13  | 77<br>0.2<br>31  |        |         |     |     |          |
| X 251123<br>6020209414<br>X251123 |              | BC 191073         | 105<br>51        | 85<br>56      | 118<br>37 |           | 87<br>18    |           |              |             |               | 106<br>-0.15<br>56 | 95<br>0.16<br>34   |                 | 85<br>3.5<br>56   | 118<br>3.6<br>37  |                       | 85<br>7.5<br>14   |     |           |               | 95<br>-3.9<br>22  | 98<br>-3.8<br>6   | 79<br>1.7<br>26  |        |         |     |     |          |
| X 251124<br>6020209422<br>X251124 |              | BC 201505         | 108<br>50        | 85<br>55      | 104<br>34 |           | 86<br>21    |           |              |             |               | 107<br>-0.23<br>55 | 100<br>-0.07<br>32 |                 | 85<br>3.2<br>55   | 104<br>-0.2<br>34 |                       | 82<br>5.2<br>13   |     |           |               | 102<br>-8.7<br>25 | 96<br>-3.3<br>14  | 74<br>-1.2<br>24 |        |         |     |     |          |
| X 251126<br>6020209448<br>X251126 |              | BC 161032         | 95<br>52         | 90<br>56      | 120<br>40 | 116<br>30 | 76<br>21    | 90<br>38  |              |             |               | 96<br>0.69<br>56   | 98<br>0.03<br>36   | 85<br>-10<br>30 | 90<br>6.5<br>56   | 120<br>4.1<br>40  | 112<br>70<br>42       | 89<br>10.2<br>14  |     |           |               | 77<br>10.7<br>24  | 91<br>-2.4<br>9   | 78<br>1.2<br>29  |        |         |     |     |          |
| X 251127<br>6020209455<br>X251127 |              | BC 181176         | 107<br>51        | 77<br>56      | 119<br>37 |           | 80<br>23    |           |              |             |               | 105<br>-0.09<br>56 | 104<br>-0.21<br>34 |                 | 77<br>-1.1<br>56  | 119<br>3.9<br>37  | 99<br>39<br>31        | 76<br>0.8<br>16   |     |           |               | 95<br>-3.6<br>25  | 90<br>-2.0<br>15  | 73<br>-2.2<br>28 |        |         |     |     |          |
| X 251128<br>6020216443<br>X251128 |              | BC 151501         | 116<br>53        | 71<br>57      | 105<br>41 | 124<br>8  | 71<br>23    | 77<br>35  |              |             |               | 115<br>-0.92<br>57 | 96<br>0.11<br>37   | 77<br>-19<br>8  | 71<br>-4.6<br>57  | 105<br>0.1<br>41  | 80<br>-5<br>35        | 70<br>-3.8<br>14  |     |           |               | 79<br>8.8<br>27   | 79<br>0.1<br>11   | 77<br>0.8<br>30  |        |         |     |     |          |

Breeding Values and Accuracies: Cows

Green: >120 High  
White: 80-120 Average  
Orange: <80 Low

| Inbreeding in red is high         |              |         |        |                  |               |           |           |             |           | Value <80    |             | Value >120    |                    | Breeding values with an accuracy < 5% are not printed |                |                  |                   |                       |                 |                  |                  |               |                  |                  |                  |                  |               |               |     |          |  |
|-----------------------------------|--------------|---------|--------|------------------|---------------|-----------|-----------|-------------|-----------|--------------|-------------|---------------|--------------------|-------------------------------------------------------|----------------|------------------|-------------------|-----------------------|-----------------|------------------|------------------|---------------|------------------|------------------|------------------|------------------|---------------|---------------|-----|----------|--|
| Animal                            |              |         |        | Selection Values |               |           |           |             |           |              | Birth       |               | Wean               |                                                       |                |                  | Growth            |                       |                 | Fertility        |                  |               |                  | Frame            |                  | Carcass          |               |               |     |          |  |
| Index<br>EBV<br>Acc               | % Inbreeding | Sire ID | Dam ID | Calv. Ease V     | Calf Growth V | Milk V    | Maint. V  | Fertility V | Cow Value | Growth Value | Prod. Value | Carcass Value | Birth wt dir       | Birth mat                                             | Mature wt      | Wean wt          | Wean mat          | Cow-Calf Ratio (Wean) | Postwean wt     | ADG              | FCR              | Scrotal Circ. | Heifer Fertility | Cow Fertility    | Longevity        | Height           | Length        | EMA           | Fat | Marbling |  |
| ID<br>Number<br>Name              |              |         |        |                  |               |           |           |             |           |              |             |               |                    |                                                       |                |                  |                   |                       |                 |                  |                  |               |                  |                  |                  |                  |               |               |     |          |  |
| X 251132<br>6020209463<br>X251132 |              | BC      | 201510 | 106<br>50        | 86<br>55      | 112<br>34 |           | 78<br>19    |           |              |             |               | 105<br>-0.11<br>55 | 99<br>0.00<br>31                                      |                | 86<br>4.2<br>55  | 112<br>1.9<br>34  |                       |                 | 85<br>7.8<br>14  |                  |               |                  | 83<br>5.8<br>23  | 88<br>-1.7<br>11 | 80<br>2.1<br>23  |               |               |     |          |  |
| X 251134<br>6020209489<br>X251134 |              | BC      | 151520 | 108<br>51        | 81<br>56      | 116<br>41 |           | 79<br>14    |           |              |             |               | 107<br>-0.22<br>55 | 101<br>-0.11<br>37                                    |                | 81<br>1.2<br>56  | 116<br>3.1<br>41  |                       |                 | 80<br>3.6<br>10  |                  |               |                  | 84<br>5.2<br>11  |                  | 82<br>3.3<br>29  |               |               |     |          |  |
| X 251136<br>6020209505<br>X251136 |              | BC      | 181029 | 105<br>51        | 91<br>56      | 106<br>38 |           | 78<br>23    |           |              |             |               | 104<br>0.03<br>56  | 101<br>-0.11<br>35                                    |                | 91<br>6.8<br>56  | 106<br>0.2<br>38  |                       |                 | 88<br>10.0<br>20 |                  |               |                  | 84<br>5.1<br>27  | 90<br>-2.1<br>15 | 78<br>1.1<br>28  |               |               |     |          |  |
| X 251142<br>6020209554<br>X251142 |              | BC      | 201005 | 106<br>49        | 93<br>55      | 102<br>33 | 113<br>7  | 75<br>20    | 85<br>32  |              |             |               | 106<br>-0.20<br>55 | 95<br>0.13<br>30                                      | 89<br>-5<br>7  | 93<br>7.9<br>55  | 102<br>-0.8<br>33 | 97<br>35<br>32        |                 | 89<br>10.8<br>15 |                  |               | 79<br>8.7<br>25  | 91<br>-2.3<br>12 | 73<br>-2.1<br>24 |                  |               |               |     |          |  |
| X 251144<br>6020209570<br>X251144 |              | BC      | 141098 | 100<br>53        | 92<br>57      | 94<br>42  | 117<br>8  | 76<br>26    | 80<br>36  |              |             |               | 100<br>0.34<br>57  | 99<br>-0.01<br>39                                     | 86<br>-9<br>8  | 92<br>7.7<br>57  | 94<br>-3.1<br>42  | 91<br>21<br>36        |                 | 90<br>11.3<br>18 | 75<br>-17<br>6   |               | 79<br>-0.6<br>6  | 79<br>9.3<br>29  | 91<br>-2.2<br>17 | 78<br>0.9<br>32  | 86<br>-7<br>6 | 78<br>-8<br>6 |     |          |  |
| X 251146<br>6020209596<br>X251146 |              | X       | 220035 | 105<br>47        | 84<br>51      | 104<br>28 |           | 71<br>18    |           |              |             |               | 106<br>-0.14<br>53 | 97<br>0.08<br>27                                      |                | 84<br>3.1<br>51  | 104<br>-0.4<br>28 | 91<br>21<br>28        |                 | 81<br>4.7<br>13  |                  |               | 76<br>11.5<br>25 | 85<br>-1.1<br>6  | 75<br>-0.9<br>22 |                  |               |               |     |          |  |
| X 251149<br>6020209612<br>X251149 |              | BC      | 191010 | 112<br>50        | 76<br>55      | 104<br>35 |           | 78<br>19    |           |              |             |               | 112<br>-0.64<br>55 | 95<br>0.16<br>32                                      |                | 76<br>-1.5<br>55 | 104<br>-0.3<br>35 |                       |                 | 76<br>0.5<br>12  |                  |               |                  | 91<br>-0.1<br>22 | 86<br>-1.3<br>11 | 75<br>-0.6<br>25 |               |               |     |          |  |
| X 251150<br>6020209620<br>X251150 |              | BC      | 201099 | 92<br>48         | 99<br>55      | 105<br>32 |           | 77<br>19    |           |              |             |               | 94<br>0.87<br>54   | 97<br>0.08<br>29                                      |                | 99<br>11.6<br>55 | 105<br>-0.1<br>32 |                       |                 | 95<br>15.4<br>14 |                  |               |                  | 76<br>11.3<br>23 | 95<br>-3.1<br>11 | 78<br>0.9<br>22  |               |               |     |          |  |
| X 251152<br>6020209646<br>X251152 |              | BC      | 171121 | 106<br>51        | 82<br>56      | 103<br>38 | 125<br>16 | 79<br>23    | 86<br>35  |              |             |               | 107<br>-0.27<br>56 | 94<br>0.19<br>35                                      |                | 76<br>-20<br>16  | 82<br>1.5<br>56   | 103<br>-0.7<br>38     | 91<br>20<br>37  |                  | 80<br>3.5<br>16  |               |                  | 90<br>0.2<br>26  | 91<br>-2.3<br>15 | 74<br>-1.4<br>29 |               |               |     |          |  |
| X 251153<br>6020209653<br>X251153 |              | BC      | 171572 | 101<br>51        | 88<br>56      | 121<br>39 | 114<br>32 | 86<br>23    | 99<br>38  |              |             |               | 102<br>0.16<br>56  | 95<br>0.16<br>35                                      | 87<br>-8<br>32 | 88<br>5.1<br>56  | 121<br>4.6<br>39  | 110<br>65<br>42       |                 | 86<br>8.5<br>15  |                  |               | 97<br>-5.0<br>26 | 96<br>-3.2<br>15 | 79<br>1.6<br>28  |                  |               |               |     |          |  |
| X 251155<br>6020209661<br>X251155 |              | X       | 230035 | 94<br>47         | 91<br>51      | 112<br>28 | 115<br>6  | 74<br>14    | 84<br>28  |              |             |               | 95<br>0.78<br>53   | 98<br>0.03<br>26                                      |                | 87<br>-8<br>6    | 91<br>7.0<br>51   | 112<br>1.9<br>28      | 105<br>54<br>28 |                  | 89<br>10.5<br>14 |               |                  | 80<br>7.8<br>13  | 92<br>-2.5<br>7  | 70<br>-3.9<br>21 |               |               |     |          |  |
| X 251156<br>6020209679<br>X251156 |              | X       | 230030 | 108<br>47        | 78<br>51      | 106<br>27 |           | 79<br>12    |           |              |             |               | 108<br>-0.35<br>53 | 96<br>0.10<br>26                                      |                | 78<br>-0.4<br>51 | 106<br>0.4<br>27  |                       |                 | 79<br>2.7<br>12  |                  |               |                  | 95<br>-3.5<br>11 | 88<br>-1.7<br>6  | 73<br>-1.8<br>19 |               |               |     |          |  |

# Breeding Values and Accuracies: Cows

Green: >120 High  
White: 80-120 Average  
Orange: <80 Low

Inbreeding in red is high

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

| Animal                            |                      |              | Selection Values  |              |               |           |           |             |           |              |             |               | Birth              |                  | Wean           |                  |                   |                          | Growth           |     |     | Fertility     |                  |                  |                  | Frame  |        | Carcass |     |          |
|-----------------------------------|----------------------|--------------|-------------------|--------------|---------------|-----------|-----------|-------------|-----------|--------------|-------------|---------------|--------------------|------------------|----------------|------------------|-------------------|--------------------------|------------------|-----|-----|---------------|------------------|------------------|------------------|--------|--------|---------|-----|----------|
| Index<br>EBV<br>Acc               | ID<br>Number<br>Name | % Inbreeding | Sire ID<br>Dam ID | Calv. Ease V | Calv Growth V | Milk V    | Maint. V  | Fertility V | Cow Value | Growth Value | Prod. Value | Carcass Value | Birth wt dir       | Birth mat        | Mature wt      | Wean wt          | Wean mat          | Cow-Calf<br>Ratio (Wean) | Postwean wt      | ADG | FCR | Scrotal Circ. | Heifer Fertility | Cow Fertility    | Longevity        | Height | Length | EMA     | Fat | Marbling |
|                                   |                      |              |                   |              |               |           |           |             |           |              |             |               |                    |                  |                |                  |                   |                          |                  |     |     |               |                  |                  |                  |        |        |         |     |          |
| X 251157<br>6020209687<br>X251157 |                      |              | BC 121308         | 105<br>49    | 84<br>54      | 108<br>37 |           |             |           |              |             |               | 105<br>-0.07<br>54 | 97<br>0.06<br>33 |                | 84<br>2.8<br>54  | 108<br>0.8<br>37  |                          | 82<br>5.4<br>8   |     |     |               |                  | 82<br>3.6<br>27  |                  |        |        |         |     |          |
| X 251164<br>6020209752<br>X251164 |                      |              | BC 211123         | 99<br>49     | 79<br>54      | 114<br>31 | 120<br>6  | 79<br>20    | 84<br>31  |              |             |               | 99<br>0.41<br>55   | 98<br>0.03<br>29 | 80<br>-15<br>6 | 79<br>0.1<br>54  | 114<br>2.6<br>31  | 97<br>34<br>30           | 77<br>1.5<br>15  |     |     |               | 95<br>-3.6<br>25 | 86<br>-1.2<br>11 | 74<br>-1.3<br>23 |        |        |         |     |          |
| X 251166<br>6020209778<br>X251166 |                      |              | BC 211093         | 105<br>48    | 73<br>54      | 101<br>31 |           | 74<br>17    |           |              |             |               | 107<br>-0.27<br>54 | 90<br>0.34<br>29 |                | 73<br>-3.4<br>54 | 101<br>-1.1<br>31 |                          | 72<br>-2.9<br>12 |     |     |               | 87<br>2.7<br>23  | 79<br>0.2<br>6   | 76<br>0.2<br>23  |        |        |         |     |          |
| X 251167<br>6020209786<br>X251167 |                      |              | BC 211037         | 107<br>48    | 84<br>54      | 104<br>30 |           | 75<br>16    |           |              |             |               | 109<br>-0.39<br>54 | 93<br>0.24<br>27 |                | 84<br>2.8<br>54  | 104<br>-0.3<br>30 |                          | 82<br>5.3<br>12  |     |     |               | 80<br>8.1<br>22  | 89<br>-1.9<br>6  | 75<br>-0.9<br>21 |        |        |         |     |          |
| X 251168<br>6020209794<br>X251168 |                      |              | BC 161010         | 109<br>53    | 77<br>56      | 110<br>39 | 114<br>30 | 80<br>21    | 83<br>38  |              |             |               | 108<br>-0.33<br>57 | 99<br>0.00<br>37 | 88<br>-7<br>30 | 77<br>-1.0<br>56 | 110<br>1.4<br>39  | 87<br>12<br>42           | 76<br>0.2<br>13  |     |     |               | 97<br>-4.9<br>24 | 85<br>-1.0<br>10 | 77<br>0.6<br>30  |        |        |         |     |          |

# Selection List on Cow Value

## Bulls 2 years and older

| ID           | Name         | Sire ID   | Dam ID    | % Inbreeding | Horned / Polled | Myostatin                                | Calving Ease Value | Calf Growth Value | Milk Value | Maint. Value | Fertility Value | Cow Value | Growth Value | Prod Value |  |
|--------------|--------------|-----------|-----------|--------------|-----------------|------------------------------------------|--------------------|-------------------|------------|--------------|-----------------|-----------|--------------|------------|--|
| Sorted on ID |              |           |           |              |                 | nt821<br>Q204X<br>F94L<br>Genomic tested | Acc                | Acc               | Acc        | Acc          | Acc             | Acc       | Acc          | Acc        |  |
|              |              |           |           |              |                 |                                          |                    |                   |            |              | ★★★★            |           |              |            |  |
| 1 X 230053   | X230053      | CM 190201 | BC 181596 | 0.0          |                 |                                          | 110 59             | 106 61            | 107 46     | 91 13        | 103 31          | 110 40    |              |            |  |
| 2 X 230104   | X230104      | CM 190201 | BC 171572 | 0.0          |                 |                                          | 105 59             | 114 62            | 107 46     | 88 19        | 110 32          | 117 41    |              |            |  |
|              |              |           |           |              |                 |                                          |                    |                   |            |              | ★★★★☆           |           |              |            |  |
| 1 X 230019   | X230019      | BC 161142 | BC 201510 | 0.0          |                 |                                          | 105 56             | 110 62            | 95 41      | 91 8         | 101 28          | 102 37    |              |            |  |
| 2 X 230034   | X230034      | CM 190201 | BC 161537 | 0.0          |                 |                                          | 104 59             | 107 61            | 99 45      | 95 13        | 104 31          | 105 40    |              |            |  |
| 3 X 230072   | X230072      | CM 190201 | BC 171575 | 0.0          |                 |                                          | 102 59             | 100 62            | 108 47     | 94 19        | 109 32          | 107 42    |              |            |  |
| 4 X 230084   | X230084      | BC 201107 | BC 201035 | 0.0          |                 |                                          | 102 56             | 102 61            | 107 42     | 97 11        | 105 28          | 107 38    |              |            |  |
| 5 X 230147   | X230147      | BC 201107 | BC 171508 | 0.0          |                 |                                          | 95 58              | 108 62            | 111 46     | 89 17        | 100 24          | 102 39    |              |            |  |
|              |              |           |           |              |                 |                                          |                    |                   |            |              | ★★★★            |           |              |            |  |
| 1 BC 181201  | BMAMBC181201 |           | BC 141057 | 0.0          |                 |                                          | 104 57             | 97 62             | 99 43      | 96 6         | 100 28          | 95 38     |              |            |  |
| 2 BC 211052  | BC211052     | BC 181001 | BC 141336 | 0.0          |                 |                                          | 112 56             | 105 61            | 85 40      | 91 7         | 105 23          | 98 36     |              |            |  |
| 3 X 230004   | X230004      | BC 201022 | BC 121311 | 0.0          |                 |                                          | 111 55             | 82 59             | 104 43     | 105 9        | 100 21          | 93 36     |              |            |  |
| 4 X 230022   | X230022      | BC 201033 | BC 201100 | 0.0          |                 |                                          | 101 59             | 101 64            | 111 45     | 86 17        | 95 30           | 95 41     |              |            |  |
| 5 X 230050   | X230050      | BC 161142 | BC 201057 | 0.0          |                 |                                          | 95 55              | 100 62            | 93 40      | 102 8        | 104 27          | 96 37     |              |            |  |
| 6 X 230051   | X230051      | BC 201033 | BC 201092 | 0.0          |                 |                                          | 83 57              | 111 62            | 108 41     | 87 17        | 96 29           | 93 39     |              |            |  |
| 7 X 230054   | X230054      | BC 201509 | BC 191098 | 0.0          |                 |                                          | 112 57             | 93 62             | 106 44     | 98 10        | 99 28           | 99 38     |              |            |  |
| 8 X 230080   | X230080      | BC 161142 | BC 201029 | 0.0          |                 |                                          | 101 56             | 98 62             | 90 41      | 98 9         | 102 28          | 91 38     |              |            |  |
| 9 X 230091   | X230091      | BC 201027 | BC 151557 | 0.0          |                 |                                          | 98 58              | 95 62             | 90 47      | 104 7        | 102 30          | 91 39     |              |            |  |
| 10 X 230112  | X230112      | CM 190201 | BC 161517 | 0.0          |                 |                                          | 105 58             | 105 62            | 86 47      | 98 20        | 100 31          | 96 41     |              |            |  |
| 11 X 241016  | X241016      |           | BC 141131 | 0.0          |                 |                                          | 106 53             | 92 57             | 105 42     | 102 12       | 90 27           | 91 36     |              |            |  |
| 12 X 241061  | X241061      | BC 211066 | BC 151608 | 0.0          |                 |                                          | 95 56              | 107 60            | 110 44     | 84 6         | 98 22           | 96 36     |              |            |  |
| 13 X 241072  | X241072      | BC 211086 | BC 171541 | 0.0          |                 |                                          | 115 55             | 88 60             | 95 42      | 116 16       | 95 27           | 98 38     |              |            |  |
| 14 X 241134  | X241134      | BC 211066 | BC 171147 | 0.0          |                 |                                          | 93 56              | 114 61            | 101 42     | 83 16        | 89 28           | 90 39     |              |            |  |
|              |              |           |           |              |                 |                                          |                    |                   |            |              | ★★★★☆           |           |              |            |  |
| 1 BC 211528  | BC211528     |           | X 120171  | 0.0          |                 |                                          | 97 54              | 98 58             | 102 41     | 99 6         | 84 28           | 84 36     |              |            |  |
| 2 X 220117   | X220117      |           | BC 141138 | 0.0          |                 |                                          | 97 53              | 84 36             | 110 41     | 112 8        | 82 25           | 82 31     |              |            |  |

Selection List on Cow Value

Bulls 2 years and older

| ID           |   | Name   | Sire ID | Dam ID    | % Inbreeding | Horned / Polled | Myostatin |       |      |                | Calving Ease Value | Calf Growth Value | Milk Value | Maint. Value | Fertility Value | Cow Value | Growth Value | Prod Value |    |    |    |    |  |  |  |
|--------------|---|--------|---------|-----------|--------------|-----------------|-----------|-------|------|----------------|--------------------|-------------------|------------|--------------|-----------------|-----------|--------------|------------|----|----|----|----|--|--|--|
| Sorted on ID |   |        |         |           |              |                 | nt821     | Q204X | F94L | Genomic tested | Acc                | Acc               | Acc        | Acc          | Acc             | Acc       | Acc          | Acc        |    |    |    |    |  |  |  |
|              |   |        |         |           |              |                 |           |       |      | ★★★★★          |                    |                   |            |              |                 |           |              |            |    |    |    |    |  |  |  |
| 3            | X | 230005 | X230005 | BC 201509 | BC 151155    | 0.0             |           |       |      |                | 120                | 59                | 91         | 62           | 94              | 47        | 94           | 8          | 86 | 26 | 83 | 39 |  |  |  |
| 4            | X | 230185 | X230185 | BC 201509 | BC 141028    | 0.0             |           |       |      |                | 100                | 59                | 98         | 63           | 109             | 48        | 91           | 8          | 89 | 30 | 88 | 40 |  |  |  |
| 5            | X | 241027 | X241027 |           | BC 191083    | 0.0             |           |       |      |                | 100                | 51                | 95         | 55           | 114             | 36        | 93           | 8          | 88 | 23 | 89 | 33 |  |  |  |
| 6            | X | 241032 | X241032 |           | BC 191098    | 0.0             |           |       |      |                | 91                 | 51                | 96         | 56           | 109             | 36        | 103          | 8          | 84 | 22 | 86 | 33 |  |  |  |
| 7            | X | 241048 | X241048 | BC 211066 | BC 171002    | 0.0             |           |       |      |                | 104                | 57                | 98         | 62           | 91              | 43        | 92           | 15         | 94 | 29 | 84 | 39 |  |  |  |
| 8            | X | 241059 | X241059 |           | BC 201060    | 0.0             |           |       |      |                | 97                 | 49                | 88         | 55           | 120             | 31        | 110          | 7          | 78 | 21 | 86 | 31 |  |  |  |
| 9            | X | 241064 | X241064 | BC 201023 | BC 141334    | 0.0             |           |       |      |                | 121                | 56                | 89         | 60           | 77              | 44        | 105          | 5          | 93 | 23 | 84 | 36 |  |  |  |
| 10           | X | 241132 | X241132 | BC 211052 | BC 141098    | 0.0             |           |       |      |                | 104                | 58                | 104        | 62           | 83              | 46        | 97           | 9          | 96 | 30 | 89 | 39 |  |  |  |
|              |   |        |         |           |              |                 |           |       |      | ★★★★           |                    |                   |            |              |                 |           |              |            |    |    |    |    |  |  |  |
| 1            | X | 241092 | X241092 |           | BC 161540    | 0.0             |           |       |      |                | 104                | 51                | 95         | 57           | 96              | 40        | 94           | 19         | 83 | 24 | 78 | 36 |  |  |  |
| 2            | X | 241108 | X241108 | BC 201023 | BC 141015    | 0.0             |           |       |      |                | 105                | 59                | 98         | 63           | 91              | 48        | 93           | 11         | 83 | 32 | 77 | 41 |  |  |  |
| 3            | X | 241158 | X241158 | BC 211066 | BC 141028    | 0.0             |           |       |      |                | 87                 | 58                | 101        | 62           | 105             | 44        | 89           | 7          | 83 | 29 | 77 | 38 |  |  |  |

# Selection List on Cow Value

## Cows 2 years and older

| ID           | Name      | Sire ID      | Dam ID    | % Inbreeding | Horned / Polled | Myostatin                                | Calving Ease Value | Calf Growth Value | Milk Value | Maint. Value | Fertility Value | Cow Value | Growth Value | Prod Value |  |
|--------------|-----------|--------------|-----------|--------------|-----------------|------------------------------------------|--------------------|-------------------|------------|--------------|-----------------|-----------|--------------|------------|--|
| Sorted on ID |           |              |           |              |                 | nt821<br>Q204X<br>F94L<br>Genomic tested | Acc                | Acc               | Acc        | Acc          | Acc             | Acc       | Acc          | Acc        |  |
|              |           |              |           |              |                 |                                          |                    |                   |            |              | ★★★★★           |           |              |            |  |
| 1            | BC 171543 | BMAFBC171543 | X 088055  | 0.0          |                 |                                          | 101 68             | 83 67             | 118 75     | 123 27       | 103 44          | 110 53    |              |            |  |
| 2            | BC 171572 | BC171572     | BC 141548 | 0.0          |                 |                                          | 96 67              | 103 68            | 130 74     | 95 63        | 104 44          | 116 58    |              |            |  |
|              |           |              |           |              |                 |                                          |                    |                   |            |              | ★★★★☆           |           |              |            |  |
| 1            | BC 171010 | BC171010     | BC 141026 | 0.0          |                 |                                          | 102 67             | 88 67             | 113 74     | 122 32       | 96 41           | 107 53    |              |            |  |
| 2            | BC 181005 | BC181005     | X 083064  | 0.0          |                 |                                          | 102 70             | 89 71             | 117 73     | 102 6        | 104 42          | 104 50    |              |            |  |
| 3            | BC 181596 | BC181596     | X 088019  | 0.0          |                 |                                          | 109 65             | 93 66             | 124 72     | 97 6         | 92 41           | 103 47    |              |            |  |
| 4            | BC 191083 | BC191083     | BC 131166 | 0.0          |                 |                                          | 95 64              | 98 64             | 129 69     | 87 15        | 101 41          | 104 48    |              |            |  |
| 5            | BC 211524 | BC211524     | BC 171543 | 0.0          |                 |                                          | 100 59             | 82 60             | 122 59     | 120 13       | 99 35           | 106 43    |              |            |  |
| 6            | BC 211529 | BC211529     | BC 171572 | 0.0          |                 |                                          | 87 59              | 99 60             | 126 58     | 100 32       | 100 36          | 106 46    |              |            |  |
|              |           |              |           |              |                 |                                          |                    |                   |            |              | ★★★★            |           |              |            |  |
| 1            | BC 141057 | BC141057     | X 080037  | 0.0          |                 |                                          | 109 75             | 94 74             | 99 82      | 98 13        | 103 49          | 98 55     |              |            |  |
| 2            | BC 161032 | BC161032     | BC 131183 | 0.0          |                 |                                          | 74 69              | 109 68            | 131 76     | 99 30        | 84 39           | 99 53     |              |            |  |
| 3            | BC 171002 | BMAFBC171002 | X 040080  | 0.0          |                 |                                          | 121 68             | 87 69             | 94 75      | 102 24       | 95 46           | 91 53     |              |            |  |
| 4            | BC 171048 | BC171048     | X 073245  | 0.0          |                 |                                          | 93 67              | 97 67             | 79 74      | 118 63       | 100 43          | 91 58     |              |            |  |
| 5            | BC 171071 | BC171071     | X 130064  | 0.0          |                 |                                          | 85 67              | 98 66             | 93 71      | 132 63       | 88 42           | 94 57     |              |            |  |
| 6            | BC 171121 | BC171121     | BC 141167 | 0.0          |                 |                                          | 107 67             | 82 68             | 98 74      | 128 22       | 90 45           | 94 52     |              |            |  |
| 7            | BC 171185 | BC171185     | X 120073  | 0.0          |                 |                                          | 105 68             | 82 68             | 118 75     | 110 22       | 87 44           | 92 52     |              |            |  |
| 8            | BC 171239 | BC171239     | X 090189  | 0.0          |                 |                                          | 96 70              | 91 71             | 113 75     | 111 30       | 89 44           | 94 54     |              |            |  |
| 9            | BC 171505 | BC171505     | X 088090  | 0.0          |                 |                                          | 113 66             | 91 67             | 86 74      | 121 24       | 95 42           | 97 51     |              |            |  |
| 10           | BC 171575 | BMAFBC171575 | X 088155  | 0.0          |                 |                                          | 105 68             | 87 67             | 115 75     | 96 63        | 103 44          | 98 58     |              |            |  |
| 11           | BC 171579 | BC171579     | BC 122024 | 0.0          |                 |                                          | 99 70              | 89 70             | 122 74     | 102 32       | 88 40           | 93 54     |              |            |  |
| 12           | BC 191097 | BC191097     | X 083064  | 0.0          |                 |                                          | 94 64              | 88 65             | 116 69     | 104 17       | 97 41           | 94 48     |              |            |  |
| 13           | BC 191098 | BC191098     | BC 161101 | 0.0          |                 |                                          | 97 64              | 89 65             | 116 69     | 110 16       | 93 40           | 97 48     |              |            |  |
| 14           | BC 191523 | BC191523     | BC 151543 | 0.0          |                 |                                          | 83 64              | 88 63             | 131 67     | 112 6        | 81 39           | 90 45     |              |            |  |
| 15           | BC 201005 | BC201005     | BC 171206 | 0.0          |                 |                                          | 108 60             | 97 61             | 102 62     | 108 15       | 80 38           | 91 45     |              |            |  |
| 16           | BC 201019 | BC201019     | BC 161104 | 0.0          |                 |                                          | 88 60              | 97 61             | 109 62     | 114 8        | 84 38           | 91 43     |              |            |  |
| 17           | BC 211123 | BC211123     | BC 171185 | 0.0          |                 |                                          | 99 59              | 80 60             | 116 58     | 118 11       | 88 36           | 92 42     |              |            |  |
| 18           | BC 211508 | BC211508     | BC 171575 | 0.0          |                 |                                          | 109 59             | 90 60             | 103 58     | 106 32       | 95 36           | 96 46     |              |            |  |

Selection List on Cow Value

Cows 2 years and older

| ID           |    | Name   | Sire ID      | Dam ID    | % Inbreeding | Horned / Polled | Myostatin |       | Calving Ease Value | Calf Growth Value | Milk Value | Maint. Value | Fertility Value | Cow Value | Growth Value | Prod Value |     |    |    |    |    |    |  |  |  |
|--------------|----|--------|--------------|-----------|--------------|-----------------|-----------|-------|--------------------|-------------------|------------|--------------|-----------------|-----------|--------------|------------|-----|----|----|----|----|----|--|--|--|
| Sorted on ID |    |        |              |           |              |                 | nt821     | Q204X | F94L               | Genomic tested    | Acc        | Acc          | Acc             | Acc       | Acc          | Acc        |     |    |    |    |    |    |  |  |  |
|              |    |        |              |           |              |                 |           |       |                    |                   | ★★★★       |              |                 |           |              |            |     |    |    |    |    |    |  |  |  |
| 19           | X  | 220008 | X220008      | BC 191083 | 0.0          |                 |           |       |                    |                   | 102        | 54           | 97              | 58        | 102          | 49         | 96  | 8  | 96 | 31 | 92 | 38 |  |  |  |
| 20           | X  | 220054 | X220054      | BC 161526 | 0.0          |                 |           |       |                    |                   | 108        | 55           | 86              | 59        | 111          | 51         | 111 | 19 | 88 | 31 | 94 | 41 |  |  |  |
| 21           | X  | 220090 | X220090      | BC 141131 | 0.0          |                 |           |       |                    |                   | 94         | 57           | 91              | 60        | 113          | 52         | 109 | 12 | 94 | 34 | 96 | 41 |  |  |  |
| 22           | X  | 220113 | X220113      | BC 181005 | 0.0          |                 |           |       |                    |                   | 97         | 56           | 94              | 59        | 116          | 50         | 104 | 9  | 95 | 30 | 99 | 39 |  |  |  |
| 23           | X  | 230095 | X230095      | BC 171010 | 0.0          |                 |           |       |                    |                   | 110        | 51           | 81              | 56        | 109          | 38         | 123 | 32 | 83 | 23 | 93 | 38 |  |  |  |
| 24           | X  | 241083 | X241083      | BC 181005 | 0.0          |                 |           |       |                    |                   | 95         | 52           | 90              | 57        | 113          | 38         | 113 | 9  | 86 | 23 | 92 | 34 |  |  |  |
| 25           | X  | 241109 | X241109      | BC 171010 | 0.0          |                 |           |       |                    |                   | 106        | 51           | 81              | 56        | 111          | 38         | 123 | 32 | 82 | 23 | 92 | 38 |  |  |  |
| 26           | X  | 241116 | X241116      | BC 171572 | 0.0          |                 |           |       |                    |                   | 106        | 51           | 96              | 56        | 113          | 39         | 103 | 32 | 86 | 24 | 97 | 38 |  |  |  |
| 27           | X  | 241141 | X241141      | BC 161032 | 0.0          |                 |           |       |                    |                   | 91         | 52           | 95              | 56        | 119          | 40         | 113 | 30 | 76 | 22 | 90 | 38 |  |  |  |
|              |    |        |              |           |              |                 |           |       |                    |                   | ★★★★☆      |              |                 |           |              |            |     |    |    |    |    |    |  |  |  |
| 1            | BC | 141007 | BC141007     | X 080029  | 0.0          |                 |           |       |                    |                   | 113        | 74           | 79              | 71        | 89           | 77         | 129 | 16 | 88 | 49 | 88 | 54 |  |  |  |
| 2            | BC | 141138 | BC141138     | X 100008  | 0.0          |                 |           |       |                    |                   | 87         | 74           | 86              | 73        | 114          | 81         | 104 | 11 | 94 | 50 | 87 | 55 |  |  |  |
| 3            | BC | 161010 | BC161010     | BC 131166 | 0.0          |                 |           |       |                    |                   | 108        | 71           | 87              | 67        | 104          | 74         | 89  | 30 | 91 | 41 | 81 | 53 |  |  |  |
| 4            | BC | 161021 | BC161021     | X 040161  | 0.0          |                 |           |       |                    |                   | 119        | 72           | 85              | 69        | 82           | 77         | 114 | 23 | 96 | 46 | 89 | 54 |  |  |  |
| 5            | BC | 161101 | BC161101     | BC 141166 | 0.0          |                 |           |       |                    |                   | 95         | 71           | 96              | 71        | 103          | 79         | 97  | 22 | 90 | 46 | 85 | 54 |  |  |  |
| 6            | BC | 161526 | BMAFBC161526 | X 088062  | 0.0          |                 |           |       |                    |                   | 95         | 63           | 85              | 69        | 121          | 77         | 102 | 38 | 82 | 42 | 83 | 54 |  |  |  |
| 7            | BC | 161540 | BMAFBC161540 | X 088103  | 0.0          |                 |           |       |                    |                   | 105        | 64           | 87              | 70        | 101          | 78         | 95  | 38 | 91 | 43 | 80 | 55 |  |  |  |
| 8            | BC | 171007 | BMAFBC171007 | X 040085  | 0.0          |                 |           |       |                    |                   | 121        | 69           | 73              | 68        | 84           | 75         | 137 | 24 | 82 | 47 | 85 | 53 |  |  |  |
| 9            | BC | 171120 | BC171120     | BC 141223 | 0.0          |                 |           |       |                    |                   | 94         | 69           | 92              | 68        | 108          | 75         | 89  | 32 | 96 | 45 | 84 | 54 |  |  |  |
| 10           | BC | 181524 | BMAFBC181524 | X 088005  | 0.0          |                 |           |       |                    |                   | 101        | 64           | 88              | 56        | 115          | 71         | 109 | 6  | 81 | 31 | 88 | 43 |  |  |  |
| 11           | BC | 191077 | BC191077     | BC 141138 | 0.0          |                 |           |       |                    |                   | 94         | 65           | 89              | 65        | 107          | 69         | 105 | 8  | 87 | 42 | 83 | 47 |  |  |  |
| 12           | BC | 201029 | BC201029     | BC 131166 | 0.0          |                 |           |       |                    |                   | 116        | 61           | 76              | 62        | 91           | 65         | 115 | 15 | 89 | 38 | 81 | 45 |  |  |  |
| 13           | BC | 201100 | BC201100     | X 120150  | 0.0          |                 |           |       |                    |                   | 95         | 61           | 86              | 63        | 128          | 64         | 101 | 6  | 79 | 40 | 85 | 44 |  |  |  |
| 14           | BC | 201112 | BC201112     | BC 171071 | 0.0          |                 |           |       |                    |                   | 81         | 51           | 98              | 56        | 101          | 37         | 123 | 32 | 82 | 23 | 87 | 37 |  |  |  |
| 15           | BC | 201113 | BC201113     | BC 161101 | 0.0          |                 |           |       |                    |                   | 99         | 62           | 84              | 63        | 102          | 65         | 118 | 16 | 83 | 39 | 84 | 46 |  |  |  |
| 16           | BC | 211026 | BC211026     | BC 141098 | 0.0          |                 |           |       |                    |                   | 109        | 60           | 91              | 62        | 95           | 60         | 115 | 8  | 80 | 39 | 86 | 43 |  |  |  |
| 17           | X  | 220108 | X220108      | X 100238  | 0.0          |                 |           |       |                    |                   | 106        | 54           | 71              | 56        | 102          | 42         | 131 | 7  | 83 | 22 | 82 | 35 |  |  |  |
| 18           | X  | 220157 | X220157      | BC 181599 | 0.0          |                 |           |       |                    |                   | 89         | 50           | 92              | 55        | 101          | 34         | 119 | 7  | 77 | 21 | 81 | 32 |  |  |  |
| 19           | X  | 230002 | X230002      | BC 161021 | 0.0          |                 |           |       |                    |                   | 116        | 53           | 82              | 57        | 93           | 40         | 120 | 17 | 83 | 25 | 86 | 37 |  |  |  |
| 20           | X  | 230007 | X230007      | BC 201060 | 0.0          |                 |           |       |                    |                   | 98         | 49           | 103             | 55        | 108          | 31         | 99  | 7  | 74 | 21 | 85 | 31 |  |  |  |

Selection List on Cow Value

Cows 2 years and older

| ID           |   | Name   | Sire ID | Dam ID | % Inbreeding | Horned / Polled | Myostatin |       | Calving Ease Value | Calf Growth Value | Milk Value | Maint. Value | Fertility Value | Cow Value | Growth Value | Prod Value |     |    |    |    |    |    |  |  |  |
|--------------|---|--------|---------|--------|--------------|-----------------|-----------|-------|--------------------|-------------------|------------|--------------|-----------------|-----------|--------------|------------|-----|----|----|----|----|----|--|--|--|
| Sorted on ID |   |        |         |        |              |                 | nt821     | Q204X | F94L               | Genomic tested    | Acc        | Acc          | Acc             | Acc       | Acc          | Acc        |     |    |    |    |    |    |  |  |  |
|              |   |        |         |        |              |                 |           |       |                    |                   | ★★★★       |              |                 |           |              |            |     |    |    |    |    |    |  |  |  |
| 21           | X | 230023 | X230023 |        | BC 161552    | 0.0             |           |       |                    |                   | 114        | 51           | 77              | 56        | 82           | 38         | 133 | 30 | 88 | 23 | 85 | 37 |  |  |  |
| 22           | X | 230032 | X230032 |        | BC 161010    | 0.0             |           |       |                    |                   | 113        | 53           | 75              | 56        | 110          | 39         | 115 | 30 | 81 | 22 | 83 | 38 |  |  |  |
| 23           | X | 230036 | X230036 |        | BC 171121    | 0.0             |           |       |                    |                   | 110        | 51           | 83              | 56        | 99           | 38         | 123 | 16 | 80 | 24 | 87 | 35 |  |  |  |
| 24           | X | 230052 | X230052 |        | BC 201059    | 0.0             |           |       |                    |                   | 92         | 49           | 87              | 55        | 107          | 31         | 121 | 6  | 74 | 22 | 80 | 31 |  |  |  |
| 25           | X | 230074 | X230074 |        | BC 171002    | 0.0             |           |       |                    |                   | 102        | 52           | 91              | 56        | 102          | 39         | 113 | 12 | 82 | 25 | 86 | 35 |  |  |  |
| 26           | X | 230078 | X230078 |        | BC 201070    | 0.0             |           |       |                    |                   | 87         | 49           | 95              | 55        | 117          | 32         | 105 | 10 | 77 | 23 | 83 | 32 |  |  |  |
| 27           | X | 230082 | X230082 |        | BC 171123    | 0.0             |           |       |                    |                   | 93         | 51           | 98              | 56        | 98           | 38         | 111 | 11 | 81 | 24 | 84 | 34 |  |  |  |
| 28           | X | 230085 | X230085 |        | BC 141235    | 0.0             |           |       |                    |                   | 85         | 53           | 93              | 56        | 120          | 42         | 110 | 7  | 79 | 24 | 87 | 35 |  |  |  |
| 29           | X | 230090 | X230090 |        | BC 171579    | 0.0             |           |       |                    |                   | 98         | 52           | 89              | 57        | 114          | 39         | 111 | 32 | 79 | 22 | 86 | 38 |  |  |  |
| 30           | X | 230092 | X230092 |        | BC 171007    | 0.0             |           |       |                    |                   | 105        | 52           | 84              | 56        | 94           | 39         | 124 | 12 | 76 | 26 | 80 | 35 |  |  |  |
| 31           | X | 230108 | X230108 |        | BC 171147    | 0.0             |           |       |                    |                   | 93         | 51           | 102             | 56        | 113          | 38         | 96  | 15 | 77 | 25 | 85 | 35 |  |  |  |
| 32           | X | 230113 | X230113 |        | BC 171115    | 0.0             |           |       |                    |                   | 101        | 52           | 84              | 56        | 105          | 39         | 126 | 14 | 79 | 25 | 88 | 35 |  |  |  |
| 33           | X | 230136 | X230136 |        | BC 141518    | 0.0             |           |       |                    |                   | 98         | 53           | 90              | 57        | 110          | 40         | 113 | 14 | 82 | 26 | 88 | 36 |  |  |  |
| 34           | X | 230146 | X230146 |        | BC 161526    | 0.0             |           |       |                    |                   | 94         | 51           | 91              | 56        | 112          | 40         | 109 | 19 | 75 | 23 | 82 | 36 |  |  |  |
| 35           | X | 230148 | X230148 |        | BC 201513    | 0.0             |           |       |                    |                   | 95         | 49           | 82              | 54        | 113          | 28         | 120 | 7  | 74 | 21 | 81 | 31 |  |  |  |
| 36           | X | 230149 | X230149 |        | BC 201052    | 0.0             |           |       |                    |                   | 92         | 50           | 91              | 55        | 98           | 31         | 118 | 6  | 81 | 22 | 82 | 32 |  |  |  |
| 37           | X | 230162 | X230162 |        | BC 201050    | 0.0             |           |       |                    |                   | 101        | 49           | 91              | 55        | 108          | 33         | 114 | 16 | 74 | 21 | 85 | 33 |  |  |  |
| 38           | X | 230172 | X230172 |        | BC 171071    | 0.0             |           |       |                    |                   | 96         | 51           | 83              | 56        | 105          | 37         | 132 | 32 | 79 | 23 | 87 | 37 |  |  |  |
| 39           | X | 241008 | X241008 |        | BC 141007    | 0.0             |           |       |                    |                   | 113        | 53           | 79              | 57        | 96           | 40         | 125 | 8  | 79 | 27 | 83 | 35 |  |  |  |
| 40           | X | 241010 | X241010 |        | BC 171048    | 0.0             |           |       |                    |                   | 106        | 51           | 90              | 56        | 90           | 39         | 120 | 32 | 84 | 24 | 86 | 38 |  |  |  |
| 41           | X | 241018 | X241018 |        | BC 171185    | 0.0             |           |       |                    |                   | 113        | 52           | 72              | 56        | 114          | 39         | 120 | 11 | 78 | 24 | 85 | 35 |  |  |  |
| 42           | X | 241022 | X241022 |        | BC 211123    | 0.0             |           |       |                    |                   | 102        | 49           | 83              | 55        | 109          | 31         | 117 | 6  | 79 | 21 | 84 | 31 |  |  |  |
| 43           | X | 241044 | X241044 |        | BC 201059    | 0.0             |           |       |                    |                   | 88         | 49           | 94              | 55        | 104          | 31         | 118 | 6  | 73 | 22 | 80 | 31 |  |  |  |
| 44           | X | 241050 | X241050 |        | BC 171579    | 0.0             |           |       |                    |                   | 94         | 52           | 97              | 57        | 111          | 39         | 102 | 32 | 78 | 22 | 84 | 38 |  |  |  |
| 45           | X | 241053 | X241053 |        | BC 191132    | 0.0             |           |       |                    |                   | 95         | 50           | 85              | 55        | 101          | 34         | 124 | 5  | 76 | 23 | 80 | 32 |  |  |  |
| 46           | X | 241071 | X241071 |        | BC 161010    | 0.0             |           |       |                    |                   | 112        | 53           | 85              | 56        | 103          | 39         | 103 | 30 | 80 | 21 | 80 | 38 |  |  |  |
| 47           | X | 241075 | X241075 |        | BC 171121    | 0.0             |           |       |                    |                   | 112        | 51           | 80              | 56        | 101          | 38         | 125 | 16 | 79 | 24 | 87 | 35 |  |  |  |
| 48           | X | 241076 | X241076 |        | BC 191097    | 0.0             |           |       |                    |                   | 91         | 51           | 93              | 56        | 109          | 36         | 107 | 9  | 82 | 23 | 84 | 34 |  |  |  |
| 49           | X | 241079 | X241079 |        | BC 201113    | 0.0             |           |       |                    |                   | 99         | 50           | 82              | 55        | 107          | 34         | 122 | 8  | 76 | 22 | 82 | 33 |  |  |  |
| 50           | X | 241090 | X241090 |        | BC 161101    | 0.0             |           |       |                    |                   | 102        | 53           | 89              | 57        | 103          | 41         | 108 | 16 | 79 | 25 | 81 | 37 |  |  |  |
| 51           | X | 241093 | X241093 |        | BC 171054    | 0.0             |           |       |                    |                   | 108        | 52           | 82              | 56        | 114          | 39         | 116 | 11 | 78 | 24 | 88 | 35 |  |  |  |
| 52           | X | 241098 | X241098 |        | BC 201005    | 0.0             |           |       |                    |                   | 95         | 49           | 96              | 55        | 106          | 33         | 112 | 7  | 75 | 22 | 84 | 32 |  |  |  |

# Selection List on Cow Value

## Cows 2 years and older

| ID           |    | Name   | Sire ID      | Dam ID    | % Inbreeding | Horned / Polled | Myostatin                                | Calving Ease Value | Calf Growth Value | Milk Value | Maint. Value | Fertility Value | Cow Value | Growth Value | Prod Value |    |    |    |    |  |  |  |
|--------------|----|--------|--------------|-----------|--------------|-----------------|------------------------------------------|--------------------|-------------------|------------|--------------|-----------------|-----------|--------------|------------|----|----|----|----|--|--|--|
| Sorted on ID |    |        |              |           |              |                 | nt821<br>Q204X<br>F94L<br>Genomic tested | Acc                | Acc               | Acc        | Acc          | Acc             | Acc       | Acc          | Acc        |    |    |    |    |  |  |  |
|              |    |        |              |           |              |                 |                                          | ★★★★               |                   |            |              |                 |           |              |            |    |    |    |    |  |  |  |
| 53           | X  | 241100 | X241100      | BC 201029 | 0.0          |                 |                                          | 115                | 50                | 72         | 55           | 102             | 34        | 123          | 8          | 79 | 21 | 80 | 32 |  |  |  |
| 54           | X  | 241103 | X241103      | BC 211543 | 0.0          |                 |                                          | 89                 | 49                | 93         | 54           | 107             | 28        | 112          | 6          | 78 | 19 | 81 | 30 |  |  |  |
| 55           | X  | 241111 | X241111      | BC 171115 | 0.0          |                 |                                          | 105                | 52                | 87         | 56           | 100             | 39        | 120          | 14         | 79 | 25 | 85 | 35 |  |  |  |
| 56           | X  | 241129 | X241129      | BC 141223 | 0.0          |                 |                                          | 106                | 53                | 85         | 56           | 104             | 41        | 113          | 9          | 87 | 27 | 89 | 36 |  |  |  |
| 57           | X  | 241139 | X241139      | BC 201050 | 0.0          |                 |                                          | 102                | 49                | 87         | 55           | 111             | 33        | 116          | 16         | 74 | 21 | 84 | 33 |  |  |  |
| 58           | X  | 241146 | X241146      | BC 201070 | 0.0          |                 |                                          | 91                 | 49                | 97         | 55           | 114             | 32        | 101          | 10         | 76 | 23 | 83 | 32 |  |  |  |
| 59           | X  | 241152 | X241152      | BC 141235 | 0.0          |                 |                                          | 98                 | 53                | 83         | 56           | 120             | 42        | 113          | 7          | 79 | 24 | 86 | 35 |  |  |  |
| 60           | X  | 241153 | X241153      | BC 171518 | 0.0          |                 |                                          | 82                 | 51                | 104        | 55           | 115             | 37        | 98           | 20         | 78 | 23 | 84 | 35 |  |  |  |
| 61           | X  | 241159 | X241159      | BC 171007 | 0.0          |                 |                                          | 107                | 52                | 79         | 56           | 97              | 39        | 128          | 12         | 75 | 26 | 80 | 35 |  |  |  |
| 62           | X  | 241168 | X241168      | BC 141057 | 0.0          |                 |                                          | 104                | 53                | 101        | 58           | 96              | 42        | 99           | 6          | 86 | 27 | 87 | 36 |  |  |  |
| 63           | X  | 241170 | X241170      | BC 191112 | 0.0          |                 |                                          | 100                | 50                | 89         | 55           | 103             | 34        | 113          | 6          | 80 | 24 | 83 | 33 |  |  |  |
|              |    |        |              |           |              |                 |                                          | ★★★                |                   |            |              |                 |           |              |            |    |    |    |    |  |  |  |
| 1            | BC | 141098 | BC141098     | X 080136  | 0.0          |                 |                                          | 95                 | 74                | 104        | 73           | 80              | 81        | 106          | 15         | 84 | 50 | 79 | 55 |  |  |  |
| 2            | BC | 151501 | BC151501     | X 088103  | 0.0          |                 |                                          | 120                | 70                | 77         | 70           | 95              | 78        | 114          | 11         | 74 | 44 | 74 | 52 |  |  |  |
| 3            | BC | 161054 | BC161054     | BC 141109 | 0.0          |                 |                                          | 108                | 71                | 86         | 70           | 118             | 77        | 93           | 28         | 74 | 45 | 78 | 55 |  |  |  |
| 4            | BC | 161517 | BMAFBC161517 | X 088015  | 0.0          |                 |                                          | 109                | 61                | 84         | 68           | 82              | 76        | 115          | 60         | 84 | 41 | 75 | 57 |  |  |  |
| 5            | BC | 171166 | BC171166     | X 110149  | 0.0          |                 |                                          | 82                 | 67                | 93         | 68           | 114             | 74        | 96           | 34         | 81 | 43 | 75 | 53 |  |  |  |
| 6            | BC | 201055 | BC201055     | BC 141098 | 0.0          |                 |                                          | 95                 | 62                | 96         | 64           | 77              | 65        | 115          | 8          | 85 | 39 | 77 | 45 |  |  |  |
| 7            | X  | 230038 | X230038      | BC 141138 | 0.0          |                 |                                          | 95                 | 54                | 97         | 57           | 101             | 42        | 97           | 8          | 82 | 27 | 79 | 36 |  |  |  |
| 8            | X  | 230045 | X230045      | BC 171120 | 0.0          |                 |                                          | 88                 | 52                | 102        | 56           | 103             | 39        | 93           | 16         | 83 | 25 | 78 | 36 |  |  |  |
| 9            | X  | 230067 | X230067      | BC 201054 | 0.0          |                 |                                          | 94                 | 50                | 82         | 55           | 105             | 34        | 111          | 16         | 74 | 22 | 70 | 34 |  |  |  |
| 10           | X  | 230077 | X230077      | BC 181599 | 0.0          |                 |                                          | 90                 | 50                | 91         | 55           | 100             | 34        | 118          | 7          | 76 | 22 | 79 | 32 |  |  |  |
| 11           | X  | 230101 | X230101      | BC 141015 | 0.0          |                 |                                          | 98                 | 54                | 88         | 58           | 104             | 42        | 107          | 9          | 70 | 27 | 71 | 36 |  |  |  |
| 12           | X  | 230122 | X230122      | BC 161054 | 0.0          |                 |                                          | 100                | 53                | 94         | 57           | 107             | 40        | 95           | 14         | 71 | 25 | 74 | 36 |  |  |  |
| 13           | X  | 241021 | X241021      | BC 201017 | 0.0          |                 |                                          | 100                | 49                | 93         | 55           | 106             | 31        | 103          | 8          | 75 | 21 | 78 | 32 |  |  |  |
| 14           | X  | 241025 | X241025      | BC 171051 | 0.0          |                 |                                          | 109                | 51                | 81         | 56           | 110             | 37        | 115          | 19         | 70 | 25 | 79 | 36 |  |  |  |
| 15           | X  | 241089 | X241089      | X 113086  | 0.0          |                 |                                          | 111                | 52                | 84         | 56           | 94              | 42        | 115          | 8          | 76 | 20 | 77 | 34 |  |  |  |
| 16           | X  | 241107 | X241107      | BC 171166 | 0.0          |                 |                                          | 93                 | 51                | 102        | 56           | 100             | 38        | 95           | 18         | 75 | 24 | 75 | 36 |  |  |  |

Selection List on Cow Value

Cows 2 years and older

| ID<br>Name<br>Sorted on ID |           | Sire ID  | Dam ID    | % Inbreeding | Horned / Polled | Myostatin |  |  |  | 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                          | BC 141015 | BC141015 | X 050176  | 0.0          |                 |           |  |  |  | 9675                      | 9175                     | 10281             | 9818                | 7151                   | 6757             |                     |                   |  |
| 2                          | BC 201054 | BC201054 | BC 171202 | 0.0          |                 |           |  |  |  | 10161                     | 7562                     | 10163             | 10332               | 7938                   | 6448             |                     |                   |  |
| 3                          | X 230093  | X230093  | BC 171122 | 0.0          |                 |           |  |  |  | 9851                      | 8256                     | 10237             | 8918                | 7725                   | 6036             |                     |                   |  |
| 4                          | X 241068  | X241068  | BC 171202 | 0.0          |                 |           |  |  |  | 11451                     | 7455                     | 10137             | 10132               | 7624                   | 6737             |                     |                   |  |
| 5                          | X 241131  | X241131  | BC 171122 | 0.0          |                 |           |  |  |  | 10451                     | 9056                     | 9437              | 8418                | 7725                   | 6236             |                     |                   |  |

Selection List on Cow Value

Bull Calves younger than 2 years

| ID           |   |        |         | Name |  | Sire ID |    | Dam ID |  | % Inbreeding |  | Horned / Polled |  | Myostatin |  | Calving Ease Value |     | Calf Growth Value |    | Milk Value |     | Maint. Value |     | Fertility Value |    | Cow Value |    | Growth Value |  | Prod Value |  |  |
|--------------|---|--------|---------|------|--|---------|----|--------|--|--------------|--|-----------------|--|-----------|--|--------------------|-----|-------------------|----|------------|-----|--------------|-----|-----------------|----|-----------|----|--------------|--|------------|--|--|
| Sorted on ID |   |        |         |      |  |         |    |        |  |              |  |                 |  |           |  | Acc                |     | Acc               |    | Acc        |     | Acc          |     | Acc             |    | Acc       |    | Acc          |  | Acc        |  |  |
|              |   |        |         |      |  |         |    |        |  |              |  |                 |  |           |  |                    |     |                   |    |            |     |              |     |                 |    |           |    |              |  |            |  |  |
|              |   |        |         |      |  |         |    |        |  |              |  |                 |  |           |  |                    |     |                   |    |            |     |              |     |                 |    |           |    |              |  |            |  |  |
| 1            | X | 251002 | X251002 |      |  |         | BC | 211524 |  | 0.0          |  |                 |  |           |  |                    | 100 | 49                | 93 | 55         | 107 | 31           | 103 | 7               | 84 | 19        | 87 | 31           |  |            |  |  |
| 2            | X | 251030 | X251030 |      |  |         | BC | 161021 |  | 0.0          |  |                 |  |           |  |                    | 116 | 53                | 83 | 57         | 92  | 40           | 114 | 17              | 82 | 24        | 83 | 36           |  |            |  |  |
| 3            | X | 251039 | X251039 |      |  |         | BC | 191097 |  | 0.0          |  |                 |  |           |  |                    | 103 | 51                | 72 | 56         | 119 | 36           | 120 | 9               | 83 | 21        | 86 | 33           |  |            |  |  |
| 4            | X | 251070 | X251070 |      |  |         | BC | 171002 |  | 0.0          |  |                 |  |           |  |                    | 114 | 52                | 87 | 57         | 98  | 39           | 107 | 12              | 82 | 24        | 83 | 35           |  |            |  |  |
| 5            | X | 251115 | X251115 |      |  |         | BC | 141138 |  | 0.0          |  |                 |  |           |  |                    | 99  | 53                | 82 | 57         | 111 | 42           | 112 | 8               | 82 | 26        | 82 | 36           |  |            |  |  |
|              |   |        |         |      |  |         |    |        |  |              |  |                 |  |           |  |                    |     |                   |    |            |     |              |     |                 |    |           |    |              |  |            |  |  |
|              |   |        |         |      |  |         |    |        |  |              |  |                 |  |           |  |                    |     |                   |    |            |     |              |     |                 |    |           |    |              |  |            |  |  |
| 1            | X | 251061 | X251061 |      |  |         | BC | 161517 |  | 0.0          |  |                 |  |           |  |                    | 110 | 51                | 78 | 56         | 97  | 39           | 119 | 30              | 76 | 22        | 76 | 37           |  |            |  |  |
| 2            | X | 251082 | X251082 |      |  |         | BC | 201050 |  | 0.0          |  |                 |  |           |  |                    | 98  | 49                | 96 | 55         | 106 | 33           | 100 | 16              | 74 | 20        | 78 | 33           |  |            |  |  |
| 3            | X | 251165 | X251165 |      |  |         | BC | 201076 |  | 0.0          |  |                 |  |           |  |                    | 103 | 50                | 90 | 55         | 107 | 34           | 105 | 7               | 72 | 20        | 77 | 32           |  |            |  |  |

Selection List on Cow Value

Heifers younger than 2 years

| ID           |   | Name   | Sire ID | Dam ID    | % Inbreeding | Horned / Polled | Myostatin |       | Genomic tested | Calving Ease Value | Calf Growth Value | Milk Value | Maint. Value | Fertility Value | Cow Value | Growth Value | Prod Value |    |    |    |    |  |  |  |
|--------------|---|--------|---------|-----------|--------------|-----------------|-----------|-------|----------------|--------------------|-------------------|------------|--------------|-----------------|-----------|--------------|------------|----|----|----|----|--|--|--|
| Sorted on ID |   |        |         |           |              |                 | nt821     | Q204X | F94L           | Acc                | Acc               | Acc        | Acc          | Acc             | Acc       | Acc          | Acc        |    |    |    |    |  |  |  |
|              |   |        |         |           |              |                 |           |       |                | ★★★                |                   |            |              |                 |           |              |            |    |    |    |    |  |  |  |
| 1            | X | 251021 | X251021 | BC 181005 | 0.0          |                 |           |       |                | 111                | 52                | 69         | 57           | 120             | 38        | 125          | 9          | 86 | 22 | 93 | 34 |  |  |  |
| 2            | X | 251073 | X251073 | BC 211529 | 0.0          |                 |           |       |                | 86                 | 49                | 93         | 55           | 120             | 31        | 112          | 16         | 85 | 20 | 92 | 33 |  |  |  |
| 3            | X | 251081 | X251081 | BC 171543 | 0.0          |                 |           |       |                | 106                | 52                | 82         | 56           | 111             | 39        | 122          | 13         | 86 | 23 | 95 | 35 |  |  |  |
| 4            | X | 251126 | X251126 | BC 161032 | 0.0          |                 |           |       |                | 95                 | 52                | 90         | 56           | 120             | 40        | 116          | 30         | 76 | 21 | 90 | 38 |  |  |  |
| 5            | X | 251153 | X251153 | BC 171572 | 0.0          |                 |           |       |                | 101                | 51                | 88         | 56           | 121             | 39        | 114          | 32         | 86 | 23 | 99 | 38 |  |  |  |
|              |   |        |         |           |              |                 |           |       |                | ★★★☆☆              |                   |            |              |                 |           |              |            |    |    |    |    |  |  |  |
| 1            | X | 251006 | X251006 | X 220054  | 0.0          |                 |           |       |                | 111                | 47                | 85         | 51           | 106             | 28        | 114          | 10         | 78 | 16 | 86 | 29 |  |  |  |
| 2            | X | 251026 | X251026 | X 220177  | 0.0          |                 |           |       |                | 99                 | 47                | 100        | 51           | 106             | 27        | 106          | 16         | 77 | 13 | 88 | 30 |  |  |  |
| 3            | X | 251037 | X251037 | X 220090  | 0.0          |                 |           |       |                | 90                 | 47                | 92         | 52           | 111             | 28        | 113          | 6          | 81 | 18 | 86 | 29 |  |  |  |
| 4            | X | 251038 | X251038 | X 220025  | 0.0          |                 |           |       |                | 91                 | 47                | 96         | 51           | 100             | 27        | 114          | 16         | 80 | 18 | 84 | 30 |  |  |  |
| 5            | X | 251041 | X251041 | BC 171048 | 0.0          |                 |           |       |                | 102                | 51                | 66         | 56           | 109             | 39        | 135          | 32         | 85 | 23 | 84 | 38 |  |  |  |
| 6            | X | 251052 | X251052 | BC 171185 | 0.0          |                 |           |       |                | 96                 | 52                | 85         | 57           | 115             | 39        | 115          | 11         | 78 | 23 | 84 | 35 |  |  |  |
| 7            | X | 251053 | X251053 | BC 211508 | 0.0          |                 |           |       |                | 115                | 49                | 83         | 54           | 103             | 31        | 116          | 16         | 82 | 19 | 89 | 32 |  |  |  |
| 8            | X | 251062 | X251062 | BC 171579 | 0.0          |                 |           |       |                | 103                | 52                | 90         | 57           | 110             | 39        | 108          | 32         | 78 | 21 | 86 | 38 |  |  |  |
| 9            | X | 251099 | X251099 | BC 191083 | 0.0          |                 |           |       |                | 96                 | 51                | 95         | 56           | 116             | 36        | 98           | 8          | 85 | 22 | 89 | 33 |  |  |  |
| 10           | X | 251110 | X251110 | BC 171505 | 0.0          |                 |           |       |                | 109                | 51                | 74         | 56           | 106             | 38        | 131          | 18         | 82 | 22 | 88 | 35 |  |  |  |
| 11           | X | 251120 | X251120 | BC 141235 | 0.0          |                 |           |       |                | 98                 | 53                | 84         | 56           | 119             | 42        | 114          | 7          | 79 | 23 | 87 | 35 |  |  |  |
| 12           | X | 251142 | X251142 | BC 201005 | 0.0          |                 |           |       |                | 106                | 49                | 93         | 55           | 102             | 33        | 113          | 7          | 75 | 20 | 85 | 32 |  |  |  |
| 13           | X | 251144 | X251144 | BC 141098 | 0.0          |                 |           |       |                | 100                | 53                | 92         | 57           | 94              | 42        | 117          | 8          | 76 | 26 | 80 | 36 |  |  |  |
| 14           | X | 251152 | X251152 | BC 171121 | 0.0          |                 |           |       |                | 106                | 51                | 82         | 56           | 103             | 38        | 125          | 16         | 79 | 23 | 86 | 35 |  |  |  |
| 15           | X | 251155 | X251155 | X 230035  | 0.0          |                 |           |       |                | 94                 | 47                | 91         | 51           | 112             | 28        | 115          | 6          | 74 | 14 | 84 | 28 |  |  |  |
| 16           | X | 251164 | X251164 | BC 211123 | 0.0          |                 |           |       |                | 99                 | 49                | 79         | 54           | 114             | 31        | 120          | 6          | 79 | 20 | 84 | 31 |  |  |  |
| 17           | X | 251168 | X251168 | BC 161010 | 0.0          |                 |           |       |                | 109                | 53                | 77         | 56           | 110             | 39        | 114          | 30         | 80 | 21 | 83 | 38 |  |  |  |
|              |   |        |         |           |              |                 |           |       |                | ★★★                |                   |            |              |                 |           |              |            |    |    |    |    |  |  |  |
| 1            | X | 251048 | X251048 | BC 171166 | 0.0          |                 |           |       |                | 92                 | 51                | 79         | 56           | 117             | 38        | 119          | 18         | 75 | 23 | 79 | 35 |  |  |  |
| 2            | X | 251063 | X251063 | BC 161526 | 0.0          |                 |           |       |                | 101                | 51                | 91         | 57           | 107             | 40        | 102          | 19         | 75 | 22 | 79 | 36 |  |  |  |
| 3            | X | 251092 | X251092 | BC 161054 | 0.0          |                 |           |       |                | 109                | 53                | 88         | 57           | 108             | 40        | 101          | 14         | 71 | 24 | 77 | 36 |  |  |  |
| 4            | X | 251095 | X251095 | BC 141015 | 0.0          |                 |           |       |                | 104                | 54                | 82         | 58           | 106             | 42        | 115          | 9          | 70 | 26 | 75 | 36 |  |  |  |

Selection List on Cow Value  
Heifers younger than 2 years

| ID           |   | Name   | Sire ID | Dam ID    | % Inbreeding | Horned / Polled | Myostatin |       |      |                | Calving Ease Value | Calf Growth Value | Milk Value | Maint. Value | Fertility Value | Cow Value | Growth Value | Prod Value |    |    |    |    |  |  |  |
|--------------|---|--------|---------|-----------|--------------|-----------------|-----------|-------|------|----------------|--------------------|-------------------|------------|--------------|-----------------|-----------|--------------|------------|----|----|----|----|--|--|--|
| Sorted on ID |   |        |         |           |              |                 | nt821     | Q204X | F94L | Genomic tested | Acc                | Acc               | Acc        | Acc          | Acc             | Acc       | Acc          | Acc        |    |    |    |    |  |  |  |
|              |   |        |         |           |              |                 |           |       |      | ★★             |                    |                   |            |              |                 |           |              |            |    |    |    |    |  |  |  |
| 5            | X | 251100 | X251100 | BC 161540 | 0.0          |                 |           |       |      |                | 106                | 51                | 89         | 57           | 100             | 40        | 104          | 19         | 80 | 23 | 78 | 36 |  |  |  |
| 6            | X | 251128 | X251128 | BC 151501 | 0.0          |                 |           |       |      |                | 116                | 53                | 71         | 57           | 105             | 41        | 124          | 8          | 71 | 23 | 77 | 35 |  |  |  |

|                     | EBVi                  | Description / Measurement                                                                            | Goal                           | Low Value      | High 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 per Ha) | Profitable cows                | Loss           | Profit         |
|                     | Weaner Calf Value     | Heavier weaners and more milk, with lower birth and cow weights                                      | Heavy weaner                   | Light          | Heavy          |
|                     | Growth Value          | Efficient growth on veld and in feedlot (Rand-value per animal)                                      | 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 18mth 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                   | Thin           | Thick          |
| 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             | Less desirable | More desirable |
| Carcass             | Eye Muscle Area       | RTU Eye muscle area                                                                                  | Muscle in carcass              | Small          | Big            |
|                     | Fat                   | RTU P8 Backfat Thickness                                                                             | Carcass quality & adaptability | Thin           | Thick          |
|                     | Marbling              | RTU % Marbling                                                                                       | Juicy meat                     | Low            | High           |
|                     | Dressing%             | Carcass weight / Live weight                                                                         | High dressing %                | Low            | High           |

## Notes on the interpretation of EBVs, EBVi's, sub-values and selection values

**EBVi (EBVindex)** is the breeding value index and is easier to interpret than the breeding value, especially for commercial farmers buying from stud farmers. The base of a breeding value index is 100, which is the average of all the live animals in the breed, and all values are expressed relative to this value. Values above 100 are always in a more desirable direction: an index of 105 for AFC indicates a genetic potential to calve earlier. Note that a very high index is not always desirable. For certain traits, such as birth weight, average values can be better.

**EBV: (Estimated Breeding Value)** indicates the genetic potential of the animal for a specific trait. It is presented in the unit of measurement and relative to the average of animals born in the base year (1990 for most breeds and traits). Higher values for certain traits are better while lower values for other traits are better, for example, an EBV of -2 for AFC (age at first calving) indicates that the animal has the genetic potential to calve 2 days earlier than the average heifer in 1990 (the base year). Earlier calving is better and therefore low breeding values (high breeding value indices) are better. For weaning weight, higher values are better.

**Sub-values** combine similar breeding values in a scientific manner to simplify the selection of animals. For example, AFC (age at first calving) and ICP (inter-calving period) are combined to form the sub-value Fertility by taking the heritability and economic importance in consideration. The sub-value is expressed in an index format, thus an animal with a sub-value of 110 for Fertility will genetically be above average compared to the live animals in the breed.

**Selection Values (Cow Value and Growth Value)** combine the sub-values into a single value. This gives a quick and easy indication of the combined genetic value of an animal compared to the breed. It is advised to still look at the sub-values to see where the strengths and weaknesses lie.

### How to use breeding values to select animals

Selecting animals on breeding values is easy if you know how. There is a common saying that “good nutrition can mask poor breeding”. This is very true. If an animal that is genetically inferior is fed well, it can appear as a great animal. This great performance will not be passed over to future generations. An animal that is genetically superior can appear to be inferior if its environment did not allow it to reach its true potential. It is best to select animals that are most adapted to the environment and can reach their full potential. To continuously adapt the environment to the animal can be expensive.

The reason why the use of breeding values is such a valuable tool is because it “removes” the environmental effect that contributes to the performance.

Scientific methods are used to determine how much of the performance is due to genetics and to identify genetically superior animals. This involves the measurement of animals under controlled environments, complete record keeping and pedigree information. *If performance recording and pedigree information are not done correctly, breeding values of these animals will not be useful.* Keep in mind that breeding is a long-term option: the effect of a bull selected/bought today will only show much later. If it is a good decision, his daughters will become part of the breeding herd and contribute to overall profitability in future.

Even if a bull is not perfect in all aspects, knowing the shortcomings will allow strategic selection with suitable cows. Traits are genetically correlated, meaning that a change in one trait can lead to a change in another. This change can be favourable or unfavourable. An increase in weaning weight can lead to an increase in birth weight, which can lead to calving difficulty. It is therefore advisable to not only select on a single trait. Take other traits in consideration to avoid negative effects.

### How to improve the herd genetically

The first and most important aspect is to know what type of animal will improve the herd genetically. This can be determined through the following factors:

**What happens to the calves?** For example: used as replacement heifers, sold as stud animals or sold to commercial breeders who sell weaner calves.

**How much feed is available?** The availability of feed (or the hardness of the environment) determines the optimal frame size. If feed is abundant and the environment is less harsh, larger animals would be ideal. If not, medium framed animals would be ideal.

**What is the genetics of the cow herd?** Are they the wrong frame type, grow too slowly, do not have enough milk, etc.? Always aim to breed a calf that is superior to its dam.

### Conclusion

Different types of bulls are suitable for different types of cows, environments and breeding objectives. Inbreeding should be avoided or limited as much as possible. Mating programs are available to aid in the pairing of bulls and cows.

*The data used for this evaluation is pedigree information and performance data found on LOGIX as provided by breeders. All attempts are made to present accurate information. SA Stud Book takes no responsibility for the use and interpretation of information presented in this report.*



