

**Angus**

**Genetic Evaluation**

SA Stud Book

February 2025

Data extraction date: 20250216

Herd Number: 615282

BLAIRMORE ANGUS  
P.O. BOX 1323  
HOWICK  
3290



# EBVs, EBVi's and Selection Values



## Logix Cow Value

Selecting for:

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



## Logix Growth Value

Selecting for efficient growers  
on veld and feedlot



## Logix Production Value

80% Logix Cow Value +  
20% Logix Growth Value



## Logix Genomics

- Identification
- Parentage
- Genomic Breeding Values
- Single gene testing

**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. Note that a very high index is not always desirable. For certain traits, such as birth weight, average values are 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).

### Blending of foreign EBVs/EPDs:

1. Sires: If the accuracies of local EBVs of a foreign sire are < 70%, his EBVs are placed on the same local percentile level as the percentile level in his country of origin. If the SA accuracy is for example 30%, then 30% of the SA value will be *blended* with 70% of the calculated foreign value. Where SA accuracy > 70%, values are based solely on SA data. (70% is roughly equivalent to about 30 measured progeny for a direct trait such as wean or 12 months and about 10 progeny weaned out of daughters of an imported sire for wean maternal).

2. Calves of foreign sires: EBVs of local progeny of foreign sires are also blended if the accuracy of the calf is between 45% and 60%. Mid-parent EBVs are calculated

for accuracies < 45% and if the accuracy is >60%, the breeding value is based solely on South African data.

**Sub-values** combine similar breeding values in a scientific manner to simplify the selection of animals. For example, HF (Heifer Fertility), CF (Cow Fertility) and Longevity 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.

# LOGIX

## CV: Cow Value

(Combination of EBVs based on measurements of cows and calves on the farm)

| Selection Values       | Calving Ease                                                   |                     | Calf growth                                      | Milk                                                    |           | Maintenance                                                       |                       | Fertility                                        |               |
|------------------------|----------------------------------------------------------------|---------------------|--------------------------------------------------|---------------------------------------------------------|-----------|-------------------------------------------------------------------|-----------------------|--------------------------------------------------|---------------|
|                        | Birth Weight: Calf's genetic potential for weight at birth     |                     | Wean weight: Calf's genetic potential for growth | Milk (wean maternal): Milk and mothering ability of cow |           | Mature weight : Heavier cows have higher maintenance requirements |                       | Heifer Fertility: Age at 1 <sup>st</sup> calving |               |
|                        | Birth Mat: Cow's genetic ability to limit calf 's birth weight |                     |                                                  |                                                         |           | 0.1 x Milk: Higher milk increases maintenance requirements        |                       | Cow Fertility: ICP (inter-calving period)        |               |
| >120 (Green)           |                                                                |                     | Heavier weaner calf                              | More milk                                               |           | Lower maintenance (smaller cow)                                   |                       | Longevity: Retention of family                   |               |
| 80 - 120 (Grey)        | Average birth weight                                           |                     | Average weaner calf                              | Average milk                                            |           | Average maintenance (average cow size)                            |                       | Average                                          |               |
| < 80 (Red)             | Heavy Birth Weights ( More difficult calving)                  |                     | Lighter weaner calf                              | Less milk                                               |           | Higher maintenance (Heavier cow)                                  |                       | Less fertile and/or culled early                 |               |
|                        |                                                                |                     |                                                  |                                                         |           |                                                                   |                       |                                                  |               |
| Breeding Values (EBVs) |                                                                | Birth weight        | Mat. birth weight                                | Weaning weight                                          | Milk      | Cow weight                                                        | Longevity             | Heifer Fertility                                 | Cow Fertility |
| Higher EBV             |                                                                | Heavier weight      | Heavier weight                                   | Heavier weight                                          | More milk | Heavier weight                                                    | Family remains longer | Later calving                                    | Longer ICP    |
| Lower EBV              |                                                                | Lighter weight      | Lower weight                                     | Lighter weight                                          | Less milk | Lighter weight                                                    | Family culled earlier | Earlier calving                                  | Shorter ICP   |
| Optimum EBV            |                                                                | Lower intermediate  | Lower intermediate                               | Higher                                                  | Higher    | Higher intermediate                                               | Higher                | Lower                                            | Lower         |
| Optimum EBVindex*      |                                                                | Higher intermediate | Higher intermediate                              | Higher                                                  | Higher    | Higher intermediate                                               | Higher                | Higher                                           | Higher        |

\*EBV index above 100 is in a more favourable direction and better than breed average (100).

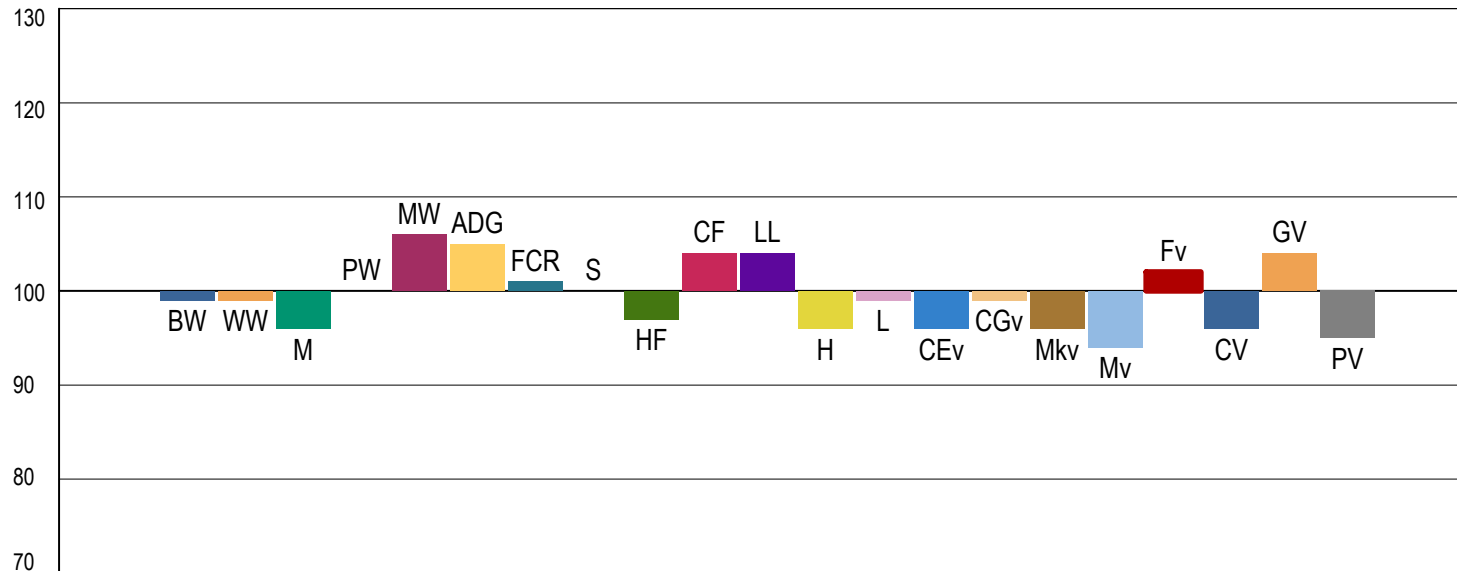
## GV: Growth Value

(Combination of EBVs based on bulls measured in growth tests)

| Breeding Values (EBVs) | ADG                | Kleiber ratio          | Feed conversion ratio     | Scrotal circumference | Height              | Length              | Carcass                                |
|------------------------|--------------------|------------------------|---------------------------|-----------------------|---------------------|---------------------|----------------------------------------|
|                        | Average daily gain | Growth efficiency      | Feed conversion ratio     | Bull fertility        | Shoulder/Hip heigh  | Body length         | Dressing%, Red Meat Yield and Marbling |
| Higher EBV             | More growth        | More efficient on veld | Higher intake per kg gain | Larger scrotum        | Taller animal       | Longer animal       | More                                   |
| Lower EBV              | Less growth        | Less efficient on veld | Lower intake per kg gain  | Smaller scrotum       | Shorter animal      | Shorter length      | Less                                   |
| Optimum EBV            | Higher             | Higher                 | Lower                     | Higher                | Intermediate        | Intermediate/high   | Higher                                 |
| Optimum EBV index      | Higher             | Higher                 | High                      | Higher                | Higher intermediate | Higher intermediate | Higher                                 |

**PV: Production Value is a combination of CV and GV)**

## Herd and Breed Averages



### Breeding Value (EBV) and Breeding Value Index (EBVi):

|     |                       |
|-----|-----------------------|
| BW  | Birth Weight          |
| WW  | Weaning Weight        |
| M   | Milk                  |
| PW  | Post-Wean Weight      |
| MW  | Mature Weight         |
| ADG | Average Daily Gain    |
| FCR | Feed Conversion Ratio |
| S   | Scrotal Circumference |
| HF  | Heifer Fertility      |
| CF  | Cow Fertility         |
| LL  | Longevity             |
| H   | Frame Score           |
| L   | Length                |

### Selection Values

|     |                    |
|-----|--------------------|
| CEv | Calving Ease Value |
| CGv | Calf Growth Value  |
| Mkv | Milk Value         |
| Mv  | Maintenance Value  |
| Fv  | Fertility Value    |
| CV  | Cow Value          |
| GV  | Growth Value       |
| PV  | Production Value   |

|                 | Trait            | EBV Herd | EBV Index | EBV Breed |
|-----------------|------------------|----------|-----------|-----------|
| Prewean Growth  | Birth Weight     | 1.58     | 99        | 1.52      |
|                 | Wean Weight      | 26.7     | 99        | 27.1      |
|                 | Birth Mat.       | 0.60     | 95        | 0.38      |
|                 | Milk (Wn.Mat.)   | 4.7      | 96        | 5.9       |
| Postwean Growth | Postwean Wt      | 51.3     | 100       | 51.1      |
|                 | Mature Weight    | 45       | 106       | 38        |
|                 | ADG              | 227      | 105       | 206       |
|                 | FCR              | -82      | 101       | -81       |
| Fertility       | Scrotal Circumf. | 22.0     | 100       | 22.0      |
|                 | Heifer Fertility | 1.0      | 97        | -1.1      |
|                 | Cow Fertility    | -3.6     | 104       | -2.7      |
|                 | Longevity        | 24.8     | 104       | 22.8      |
| Frame           | Frame Score      | 0        | 96        | 0         |
|                 | Length           | 43       | 99        | 45        |
| Carcass         | Dressing%        | 0.61     | 101       | 0.59      |
|                 | RedMeatYield     | 6.4      | 102       | 6.0       |
|                 | Marbling         | 0.25     | 100       | 0.28      |

| Selection Value  | Ave. Herd |
|------------------|-----------|
| Calving Ease     | 96        |
| Calf Growth      | 99        |
| Milk             | 96        |
| Maintenance      | 94        |
| Fertility        | 102       |
| Cow Value        | 96        |
| Growth Value     | 104       |
| Production Value | 95        |

- 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?:*

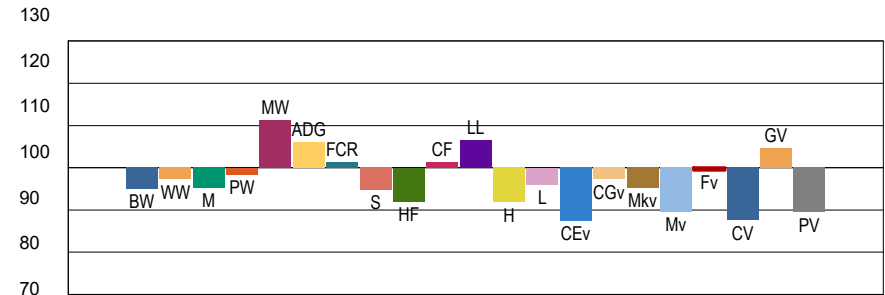
|               |                                                                  |
|---------------|------------------------------------------------------------------|
| Calving ease: | Smaller calf at birth - easier calving                           |
| Calf growth:  | Heavier calves at wean due to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

## Bulls on Farm

Bulls born in 2022 and earlier

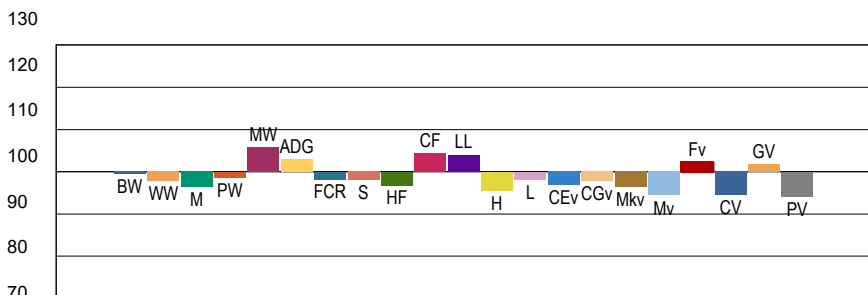
Number: 7



## Cow Herd

Cows born in 2023 and earlier

Number: 86



## Abbreviations

BW Birth Weight  
WW Weaning Weight  
M Milk  
PW Post-wean Weight  
MW Mature Weight

FCR Feed Conv. Ratio  
S Scrotal Circumf.  
HF Heifer Fertility  
CF Cow Fertility  
LL Longevity  
H Frame Score  
L Length

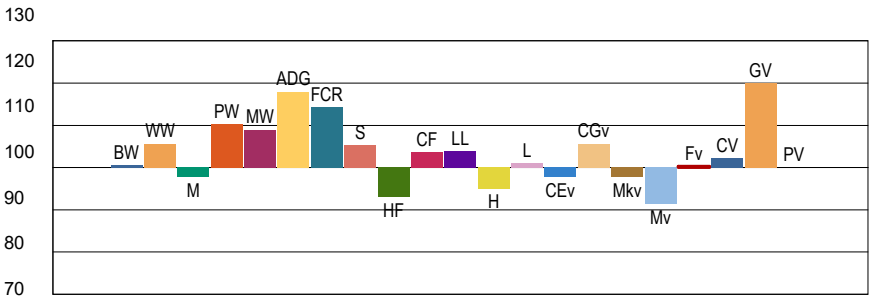
CEv Calving Ease Value  
CGv Calf Growth Value  
Mkv Milk Value  
Mv Maintenance Value  
Fv Fertility Value

CV Cow Value  
GV Growth Value  
PV Production Value

## Sires of young animals

Sires of animals 3 years and younger

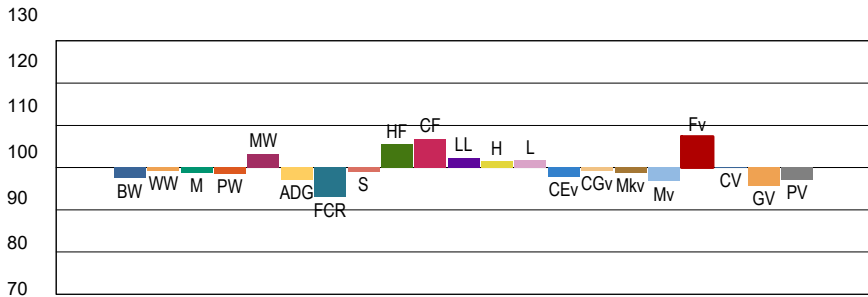
Number: 3



## Cows older than 6 years

Cows born in 2019 and earlier

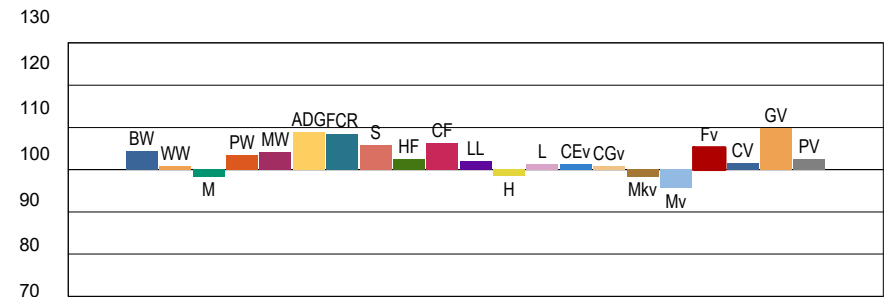
Number: 29



## Bull Calves

Bull calves born in 2024

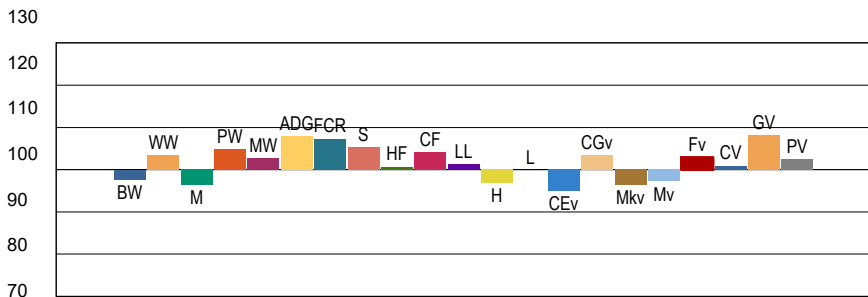
Number: 14



## Heifers

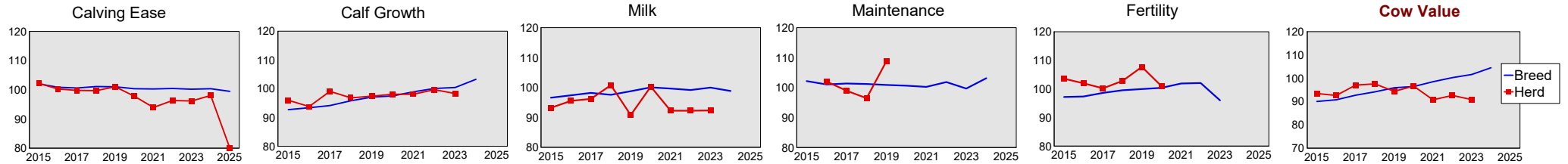
Heifers born in 2024

Number: 14



# Genetic Trends for On-Farm Traits

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



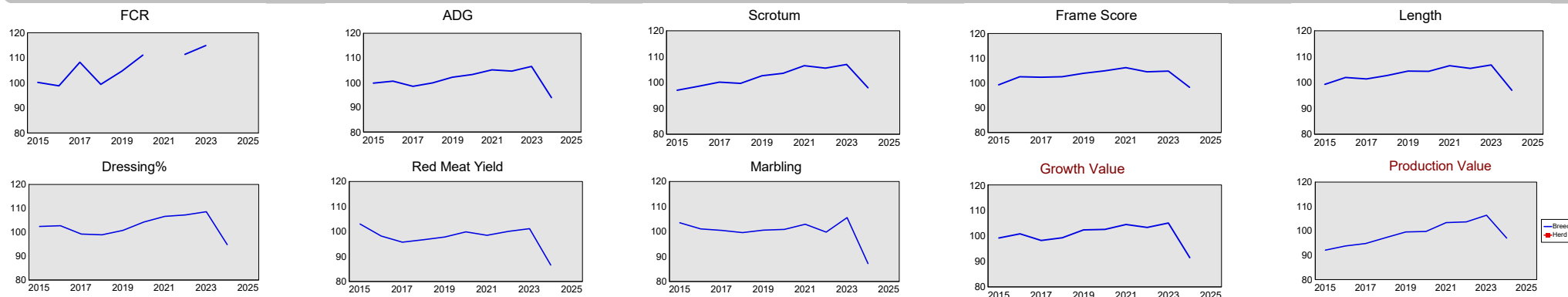
## Herd

| Birth Year | Calving Ease |         |         |            | Calf Growth    |      |             | Milk           |      |            | Maintenance   |     |             | Fertility    |     |           |     |           |     | Cow Value |           |        |
|------------|--------------|---------|---------|------------|----------------|------|-------------|----------------|------|------------|---------------|-----|-------------|--------------|-----|-----------|-----|-----------|-----|-----------|-----------|--------|
|            | Birth Weight |         | Mat EBV | Calv. Ease | Weaning Weight |      | Calf Growth | Milk (Wn.Mat.) |      | 12m weight | Mature Weight |     | Maintenance | Heifer Fert. |     | Cow Fert. |     | Longevity |     |           | Fertility |        |
|            | Number       | Dir EBV |         |            | Number         | EBV  |             | Number         | EBV  |            | Number        | EBV |             | Number       | EBV | Number    | EBV | Number    | EBV |           |           | Number |
| 2016       | 103          | 1.49    | 0.42    | 100        | 84             | 23.9 | 94          | 84             | 4.59 | 96         |               | 2   | 36          | 102          |     |           | 2   | -3.6      | 103 | 10.8      | 102       | 93     |
| 2017       | 127          | 1.64    | 0.37    | 100        | 98             | 26.7 | 99          | 98             | 4.78 | 96         |               | 17  | 39          | 99           | 16  | -0.4      | 19  | -3.3      | 127 | 13.1      | 100       | 97     |
| 2018       | 120          | 1.51    | 0.46    | 100        | 87             | 25.5 | 97          | 87             | 6.11 | 101        |               | 17  | 42          | 96           | 7   | -1.5      | 10  | -4.2      | 121 | 17.6      | 103       | 98     |
| 2019       | 135          | 1.63    | 0.31    | 101        | 30             | 25.8 | 97          | 30             | 3.21 | 91         |               | 9   | 30          | 109          | 16  | -7.2      | 12  | -4.1      | 133 | 16.7      | 108       | 94     |
| 2020       | 36           | 1.75    | 0.42    | 98         | 25             | 26.2 | 98          | 25             | 5.96 | 100        |               |     |             |              |     |           | 3   | -2.5      | 33  | 18.9      | 101       | 97     |
| 2021       | 32           | 1.65    | 0.72    | 94         | 22             | 26.2 | 98          | 22             | 3.62 | 92         |               |     |             |              |     |           |     |           |     |           |           | 91     |
| 2022       | 34           | 1.57    | 0.64    | 96         | 22             | 27.0 | 100         | 22             | 3.62 | 92         |               |     |             |              |     |           |     |           |     |           |           | 93     |
| 2023       | 38           | 1.49    | 0.68    | 96         | 29             | 26.3 | 98          | 29             | 3.68 | 92         |               |     |             |              |     |           |     |           |     |           |           | 91     |
| 2024       | 36           | 1.46    | 0.55    | 98         |                |      |             |                |      |            |               |     |             |              |     |           |     |           |     |           |           |        |
| 2025       | 1            | 3.83    | 0.74    | 75         |                |      |             |                |      |            |               |     |             |              |     |           |     |           |     |           |           |        |

## Breed

| Birth Year | Calving Ease |         |         |            | Calf Growth    |      |             | Milk           |      |            | Maintenance |               |        |             |              |        | Fertility |        |           |        |           |     | Cow Value |
|------------|--------------|---------|---------|------------|----------------|------|-------------|----------------|------|------------|-------------|---------------|--------|-------------|--------------|--------|-----------|--------|-----------|--------|-----------|-----|-----------|
|            | Birth Weight |         | Mat EBV | Calv. Ease | Weaning Weight |      | Calf Growth | Milk (Wn.Mat.) |      | 12m weight |             | Mature Weight |        | Maintenance | Heifer Fert. |        | Cow Fert. |        | Longevity |        | Fertility |     |           |
|            | Number       | Dir EBV |         |            | Number         | EBV  |             | Number         | EBV  | Milk       | Number      | EBV           | Number |             | EBV          | Number | EBV       | Number | EBV       | Number |           | EBV |           |
| 2016       | 6110         | 1.43    | 0.38    | 101        | 4059           | 23.8 | 93          | 4059           | 5.12 | 97         | 1541        | 39.8          | 539    | 34          | 101          | 1011   | -0.5      | 748    | -2.4      | 6618   | 15.6      | 97  | 91        |
| 2017       | 6170         | 1.41    | 0.41    | 101        | 4082           | 24.1 | 94          | 4082           | 5.35 | 98         | 1576        | 40.2          | 632    | 35          | 101          | 1073   | -1.6      | 870    | -2.5      | 6454   | 15.8      | 99  | 93        |
| 2018       | 6109         | 1.42    | 0.38    | 101        | 4333           | 25.0 | 96          | 4333           | 5.18 | 98         | 1602        | 41.0          | 618    | 35          | 101          | 1045   | -1.8      | 850    | -2.6      | 6291   | 17.0      | 100 | 94        |
| 2019       | 5839         | 1.44    | 0.35    | 101        | 4093           | 25.7 | 97          | 4093           | 5.51 | 99         | 1522        | 42.0          | 751    | 37          | 101          | 1116   | -1.5      | 883    | -2.7      | 5738   | 18.0      | 100 | 96        |
| 2020       | 5710         | 1.44    | 0.40    | 100        | 4114           | 25.9 | 98          | 4114           | 5.88 | 100        | 1528        | 43.0          | 725    | 37          | 101          | 1124   | -1.4      | 755    | -2.6      | 4970   | 18.0      | 100 | 97        |
| 2021       | 5952         | 1.46    | 0.40    | 100        | 4392           | 26.6 | 99          | 4392           | 5.77 | 100        | 1665        | 44.4          | 280    | 38          | 100          | 906    | -1.7      | 173    | -2.9      | 227    | 14.9      | 102 | 99        |
| 2022       | 5869         | 1.54    | 0.36    | 100        | 4394           | 27.2 | 100         | 4394           | 5.62 | 99         | 1724        | 44.1          | 23     | 29          | 102          | 257    | -1.1      | 1      | -3.7      |        |           | 102 | 100       |
| 2023       | 6263         | 1.48    | 0.40    | 100        | 4423           | 27.4 | 100         | 4423           | 5.86 | 100        | 1521        | 46.1          |        |             | 100          | 5      | 2.2       |        |           |        |           | 96  | 102       |
| 2024       | 5908         | 1.51    | 0.38    | 100        | 710            | 28.8 | 103         | 710            | 5.55 | 99         | 15          | 42.1          |        |             | 103          |        |           |        |           |        |           |     | 105       |
| 2025       | 169          | 1.59    | 0.40    | 99         |                |      |             |                |      |            |             |               |        |             |              |        |           |        |           |        |           |     |           |

# Genetic Trends for Growth Test Traits



## Herd

| Birth<br>Year | Growth |     |      |        |     |      |                  |     |      | Frame       |     |      |        |     |      | Carcass Traits |           |      |             |      |          |      |              | Selection Values |  |
|---------------|--------|-----|------|--------|-----|------|------------------|-----|------|-------------|-----|------|--------|-----|------|----------------|-----------|------|-------------|------|----------|------|--------------|------------------|--|
|               | FCR    |     |      | ADG    |     |      | Scrotal Circumf. |     |      | Frame Score |     |      | Length |     |      | Number         | Dressing% |      | RMeat Yield |      | Marbling |      | Growth Value | Prod Value       |  |
|               | Number | EBV | EBVi | Number | EBV | EBVi | Number           | EBV | EBVi | Number      | EBV | EBVi | Number | EBV | EBVi |                | EBV       | EBVi | EBV         | EBVi | EBV      | EBVi |              |                  |  |
| 2016          |        |     |      |        |     |      |                  |     |      |             |     |      |        |     |      |                |           |      |             |      |          |      |              |                  |  |
| 2017          |        |     |      |        |     |      |                  |     |      |             |     |      |        |     |      |                |           |      |             |      |          |      |              |                  |  |
| 2018          |        |     |      |        |     |      |                  |     |      |             |     |      |        |     |      |                |           |      |             |      |          |      |              |                  |  |
| 2019          |        |     |      |        |     |      |                  |     |      |             |     |      |        |     |      |                |           |      |             |      |          |      |              |                  |  |
| 2020          |        |     |      |        |     |      |                  |     |      |             |     |      |        |     |      |                |           |      |             |      |          |      |              |                  |  |
| 2021          |        |     |      |        |     |      |                  |     |      |             |     |      |        |     |      |                |           |      |             |      |          |      |              |                  |  |
| 2022          |        |     |      |        |     |      |                  |     |      |             |     |      |        |     |      |                |           |      |             |      |          |      |              |                  |  |
| 2023          |        |     |      |        |     |      |                  |     |      |             |     |      |        |     |      |                |           |      |             |      |          |      |              |                  |  |
| 2024          |        |     |      |        |     |      |                  |     |      |             |     |      |        |     |      |                |           |      |             |      |          |      |              |                  |  |

## Breed

| Birth Year | Growth |      |      |        |     |      |                  |      |      | Frame       |     |      |        |     |      | Carcass Traits |           |      |             |      |          |      |              | Selection Values |  |
|------------|--------|------|------|--------|-----|------|------------------|------|------|-------------|-----|------|--------|-----|------|----------------|-----------|------|-------------|------|----------|------|--------------|------------------|--|
|            | FCR    |      |      | ADG    |     |      | Scrotal Circumf. |      |      | Frame Score |     |      | Length |     |      | Number         | Dressing% |      | RMeat Yield |      | Marbling |      | Growth Value | Prod Value       |  |
|            | Number | EBV  | EBVi | Number | EBV | EBVi | Number           | EBV  | EBVi | Number      | EBV | EBVi | Number | EBV | EBVi |                | EBV       | EBVi | EBV         | EBVi | EBV      | EBVi |              |                  |  |
| 2016       | 56     | -78  | 99   | 600    | 209 | 101  | 606              | 21.3 | 99   | 600         | 0   | 102  | 600    | 46  | 102  | 357            | 0.64      | 102  | 6.53        | 102  | 0.355    | 101  | 101          | 94               |  |
| 2017       | 11     | -97  | 108  | 370    | 199 | 99   | 401              | 22.1 | 100  | 377         | 0   | 102  | 372    | 46  | 101  | 201            | 0.57      | 99   | 4.98        | 96   | 0.305    | 100  | 98           | 95               |  |
| 2018       | 18     | -80  | 99   | 401    | 205 | 100  | 406              | 21.9 | 100  | 402         | 0   | 103  | 402    | 47  | 103  | 158            | 0.58      | 99   | 5.85        | 100  | 0.244    | 100  | 99           | 97               |  |
| 2019       | 11     | -91  | 105  | 439    | 215 | 102  | 455              | 23.3 | 103  | 439         | 0   | 104  | 439    | 49  | 104  | 308            | 0.60      | 100  | 6.23        | 101  | 0.319    | 101  | 102          | 100              |  |
| 2020       | 8      | -103 | 111  | 566    | 220 | 103  | 486              | 23.7 | 104  | 562         | 0   | 105  | 562    | 49  | 104  | 445            | 0.68      | 104  | 6.95        | 104  | 0.338    | 101  | 103          | 100              |  |
| 2021       |        |      |      | 612    | 229 | 105  | 543              | 25.2 | 107  | 612         | 0   | 106  | 612    | 51  | 107  | 383            | 0.72      | 106  | 7.39        | 106  | 0.500    | 103  | 104          | 103              |  |
| 2022       | 7      | -104 | 111  | 552    | 227 | 105  | 509              | 24.7 | 106  | 552         | 0   | 104  | 552    | 50  | 105  | 391            | 0.73      | 107  | 7.52        | 106  | 0.260    | 100  | 103          | 104              |  |
| 2023       | 12     | -112 | 115  | 675    | 235 | 107  | 625              | 25.4 | 107  | 721         | 0   | 105  | 720    | 51  | 107  | 535            | 0.76      | 108  | 7.84        | 108  | 0.701    | 106  | 105          | 106              |  |
| 2024       |        |      |      | 2      | 179 | 94   | 5                | 21.0 | 98   | 5           | 0   | 98   | 5      | 41  | 97   | 5              | 0.37      | 89   | 5.32        | 98   | -0.696   | 87   | 92           | 97               |  |

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

| %      | Calf weight  |                |                | Growth & efficiency |               |     |         | Fertility       |                  |               |           | Frame       |        |
|--------|--------------|----------------|----------------|---------------------|---------------|-----|---------|-----------------|------------------|---------------|-----------|-------------|--------|
|        | Birth weight | Weaning weight | Milk (WW.Mat.) | Post wean           | Mature weight | ADG | Kleiber | Scrotal circum. | Heifer Fertility | Cow Fertility | Longevity | Frame Score | Length |
| Mean   | 1.49         | 27.5           | 6.0            | 52.0                | 39            | 212 | 111     | 23.0            | -0.1             | -2.4          | 22.6      | 0           | 46     |
| Top    | -5.23        | 54.9           | 20.5           | 115.5               | 108           | 575 | 294     | 63.4            | -31.1            | -9.6          | 40.4      | 5           | 127    |
| 1      | -1.79        | 44.4           | 14.0           | 83.6                | 75            | 377 | 200     | 40.4            | -19.7            | -7.1          | 34.0      | 3           | 82     |
| 2      | -1.29        | 42.1           | 13.0           | 79.2                | 70            | 351 | 187     | 37.4            | -17.6            | -6.5          | 32.9      | 2           | 76     |
| 3      | -0.93        | 40.7           | 12.3           | 76.2                | 67            | 334 | 177     | 35.4            | -15.9            | -6.1          | 32.3      | 2           | 73     |
| 4      | -0.70        | 39.7           | 11.9           | 74.2                | 65            | 321 | 171     | 34.2            | -14.9            | -5.9          | 31.8      | 2           | 70     |
| 5      | -0.49        | 38.8           | 11.5           | 72.8                | 63            | 311 | 165     | 33.3            | -14.0            | -5.7          | 31.4      | 2           | 68     |
| 6      | -0.36        | 38.0           | 11.2           | 71.5                | 62            | 304 | 162     | 32.5            | -13.0            | -5.5          | 30.9      | 2           | 67     |
| 7      | -0.23        | 37.3           | 11.0           | 70.3                | 61            | 297 | 158     | 31.9            | -12.3            | -5.3          | 30.6      | 2           | 66     |
| 8      | -0.11        | 36.9           | 10.7           | 69.3                | 60            | 292 | 155     | 31.3            | -11.8            | -5.2          | 30.2      | 2           | 65     |
| 9      | -0.01        | 36.4           | 10.5           | 68.3                | 59            | 288 | 153     | 30.8            | -11.3            | -5.0          | 30.0      | 1           | 64     |
| 10     | 0.06         | 35.9           | 10.3           | 67.4                | 58            | 284 | 150     | 30.4            | -10.8            | -4.9          | 29.7      | 1           | 62     |
| 20     | 0.59         | 32.8           | 8.8            | 62.1                | 51            | 256 | 135     | 27.6            | -7.1             | -4.1          | 27.9      | 1           | 56     |
| 30     | 0.95         | 30.7           | 7.8            | 58.1                | 46            | 238 | 125     | 25.8            | -4.5             | -3.4          | 26.5      | 1           | 51     |
| 40     | 1.23         | 28.9           | 6.9            | 54.9                | 42            | 223 | 117     | 24.2            | -2.4             | -2.9          | 25.3      | 0           | 48     |
| 50     | 1.50         | 27.4           | 6.0            | 51.9                | 39            | 209 | 109     | 22.8            | -0.4             | -2.4          | 24.0      | 0           | 45     |
| 60     | 1.76         | 25.7           | 5.2            | 48.8                | 36            | 195 | 101     | 21.4            | 1.6              | -2.0          | 22.6      | 0           | 42     |
| 70     | 2.03         | 24.0           | 4.4            | 45.2                | 32            | 181 | 94      | 19.8            | 4.1              | -1.4          | 21.1      | 0           | 39     |
| 80     | 2.40         | 22.1           | 3.4            | 41.3                | 28            | 166 | 85      | 18.0            | 7.0              | -0.8          | 19.1      | -1          | 36     |
| 90     | 2.97         | 19.3           | 1.8            | 36.5                | 21            | 144 | 73      | 15.6            | 11.3             | 0.2           | 14.3      | -1          | 31     |
| 91     | 3.06         | 18.9           | 1.6            | 36.0                | 20            | 141 | 72      | 15.3            | 11.8             | 0.3           | 12.8      | -1          | 30     |
| 92     | 3.16         | 18.5           | 1.3            | 35.3                | 19            | 139 | 70      | 14.9            | 12.2             | 0.5           | 10.8      | -1          | 30     |
| 93     | 3.25         | 18.1           | 1.0            | 34.5                | 18            | 136 | 69      | 14.5            | 12.8             | 0.6           | 6.5       | -1          | 29     |
| 94     | 3.39         | 17.5           | 0.7            | 33.6                | 17            | 133 | 66      | 14.1            | 13.5             | 0.8           | 4.6       | -1          | 28     |
| 95     | 3.50         | 16.9           | 0.4            | 32.6                | 15            | 128 | 64      | 13.4            | 14.4             | 1.0           | 3.5       | -2          | 27     |
| 96     | 3.65         | 16.2           | 0.0            | 31.3                | 14            | 122 | 61      | 12.6            | 15.3             | 1.2           | 2.6       | -2          | 25     |
| 97     | 3.84         | 15.4           | -0.7           | 30.0                | 11            | 116 | 58      | 11.8            | 16.6             | 1.5           | 1.7       | -2          | 24     |
| 98     | 4.08         | 14.3           | -1.4           | 28.0                | 9             | 108 | 53      | 10.8            | 18.0             | 2.0           | 0.9       | -2          | 22     |
| 99     | 4.54         | 12.4           | -2.7           | 24.2                | 6             | 93  | 45      | 8.2             | 20.0             | 2.6           | 0.0       | -2          | 17     |
| Bottom | 6.45         | 0.9            | -8.8           | 2.4                 | -15           | -34 | -23     | -5.4            | 35.1             | 7.3           | -11.0     | -4          | -4     |

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

| %      | Calf weight  |                |                | Growth & efficiency |               |     |         | Fertility       |                  |               |           | Frame       |        |
|--------|--------------|----------------|----------------|---------------------|---------------|-----|---------|-----------------|------------------|---------------|-----------|-------------|--------|
|        | Birth weight | Weaning weight | Milk (WW.Mat.) | Post wean           | Mature weight | ADG | Kleiber | Scrotal circum. | Heifer Fertility | Cow Fertility | Longevity | Frame Score | Length |
| Mean   | 1.53         | 27.0           | 5.8            | 50.8                | 37            | 203 | 107     | 21.6            | -1.6             | -2.8          | 23.0      | 0           | 44     |
| Top    | -4.86        | 53.9           | 23.1           | 111.0               | 121           | 553 | 261     | 53.1            | -50.5            | -15.9         | 41.3      | 5           | 128    |
| 1      | -1.83        | 42.8           | 15.2           | 80.2                | 77            | 350 | 187     | 36.3            | -25.9            | -11.9         | 34.8      | 2           | 76     |
| 2      | -1.34        | 40.8           | 13.8           | 76.4                | 72            | 326 | 176     | 34.3            | -23.2            | -10.6         | 33.5      | 2           | 72     |
| 3      | -1.02        | 39.5           | 13.1           | 73.9                | 68            | 316 | 169     | 33.1            | -21.4            | -9.4          | 32.8      | 2           | 69     |
| 4      | -0.78        | 38.4           | 12.5           | 72.2                | 65            | 305 | 164     | 32.1            | -19.8            | -8.4          | 32.2      | 2           | 67     |
| 5      | -0.59        | 37.7           | 12.1           | 70.7                | 63            | 298 | 160     | 31.4            | -18.9            | -7.8          | 31.7      | 2           | 65     |
| 6      | -0.42        | 37.1           | 11.7           | 69.6                | 61            | 291 | 157     | 30.8            | -17.8            | -7.4          | 31.3      | 2           | 64     |
| 7      | -0.27        | 36.5           | 11.4           | 68.6                | 60            | 286 | 154     | 30.3            | -16.9            | -7.0          | 30.8      | 1           | 63     |
| 8      | -0.17        | 36.1           | 11.1           | 67.6                | 59            | 282 | 151     | 29.9            | -16.1            | -6.8          | 30.5      | 1           | 62     |
| 9      | -0.07        | 35.6           | 10.8           | 66.8                | 58            | 278 | 149     | 29.5            | -15.3            | -6.5          | 30.2      | 1           | 61     |
| 10     | 0.02         | 35.2           | 10.6           | 66.1                | 57            | 274 | 147     | 29.1            | -14.7            | -6.3          | 29.9      | 1           | 60     |
| 20     | 0.63         | 32.4           | 8.9            | 60.7                | 50            | 248 | 132     | 26.6            | -9.9             | -4.8          | 27.8      | 1           | 54     |
| 30     | 1.01         | 30.4           | 7.7            | 57.0                | 45            | 230 | 121     | 24.8            | -6.6             | -3.9          | 26.2      | 0           | 50     |
| 40     | 1.32         | 28.6           | 6.7            | 53.7                | 41            | 215 | 113     | 23.3            | -3.9             | -3.2          | 24.9      | 0           | 47     |
| 50     | 1.59         | 27.0           | 5.8            | 50.7                | 37            | 201 | 105     | 21.8            | -1.6             | -2.6          | 23.7      | 0           | 44     |
| 60     | 1.85         | 25.4           | 4.9            | 47.7                | 33            | 187 | 98      | 20.3            | 0.9              | -2.1          | 22.4      | 0           | 41     |
| 70     | 2.13         | 23.7           | 3.9            | 44.5                | 29            | 174 | 90      | 18.7            | 3.5              | -1.5          | 21.0      | -1          | 37     |
| 80     | 2.47         | 21.6           | 2.8            | 40.7                | 25            | 157 | 82      | 16.7            | 6.7              | -0.7          | 19.3      | -1          | 33     |
| 90     | 2.94         | 18.5           | 1.0            | 35.4                | 18            | 133 | 69      | 13.8            | 11.3             | 0.4           | 16.1      | -1          | 28     |
| 91     | 3.01         | 18.1           | 0.8            | 34.6                | 17            | 130 | 68      | 13.4            | 12.0             | 0.6           | 15.6      | -1          | 27     |
| 92     | 3.10         | 17.6           | 0.4            | 33.9                | 16            | 127 | 66      | 12.9            | 12.7             | 0.8           | 14.9      | -1          | 26     |
| 93     | 3.18         | 17.1           | 0.1            | 32.9                | 15            | 123 | 64      | 12.4            | 13.4             | 1.0           | 14.1      | -1          | 25     |
| 94     | 3.29         | 16.5           | -0.2           | 32.0                | 13            | 118 | 62      | 11.8            | 14.3             | 1.2           | 13.0      | -2          | 24     |
| 95     | 3.42         | 15.9           | -0.7           | 31.0                | 12            | 112 | 59      | 11.3            | 15.1             | 1.4           | 11.4      | -2          | 23     |
| 96     | 3.55         | 15.3           | -1.2           | 29.6                | 10            | 106 | 56      | 10.3            | 16.4             | 1.7           | 8.3       | -2          | 21     |
| 97     | 3.71         | 14.5           | -1.7           | 27.8                | 8             | 99  | 52      | 9.3             | 17.9             | 2.1           | 4.6       | -2          | 20     |
| 98     | 3.97         | 13.2           | -2.5           | 25.5                | 5             | 89  | 47      | 8.0             | 20.0             | 2.7           | 2.5       | -2          | 17     |
| 99     | 4.31         | 10.9           | -3.7           | 21.7                | -1            | 72  | 37      | 5.9             | 23.4             | 3.5           | 0.6       | -2          | 14     |
| Bottom | 7.47         | 0.6            | -11.4          | 0.9                 | -39           | -20 | -32     | -5.2            | 44.9             | 10.4          | -8.3      | -4          | 0      |

# Sires

| Sire                              |        |                         | Selection Values (SV / Acc) |            |            |                |                 |           |             | Calf Weight |              | Mother         |              | Growth & Efficiency |          |               |           | Fertility      |                  |                 |            | Frame          |             | Carcass      |            |                | Measured Progeny |           |               |
|-----------------------------------|--------|-------------------------|-----------------------------|------------|------------|----------------|-----------------|-----------|-------------|-------------|--------------|----------------|--------------|---------------------|----------|---------------|-----------|----------------|------------------|-----------------|------------|----------------|-------------|--------------|------------|----------------|------------------|-----------|---------------|
| ID Name                           | Colour | Sire ID<br>Dam ID       | Calf Ease                   | Calf Grwth | Milk Value | Maint. Value   | Fertility Value | Cow Value | Grwth Value | Prod. Value | Birth Weight | Wean Weight    | Milk Wn.Mat. | Comb Mat            | 12m wt   | Mature Weight | ADG       | FCR            | Scrotal Circumf. | Heifer Fert.    | Cow Fert.  | Longevity      | Frame Score | Length       | Dress %    | RMeat Yield    |                  |           | Marbling      |
|                                   |        |                         | <75                         | 75 - 125   | >125       | Breed average: |                 |           |             |             | 1.52         | 27.1           | 5.9          | 13.0                | 43       | 38            | 206       | -81            | 22.0             | -1.1            | -2.7       | 22.8           | 0           | 45           | 0.59       | 6.0            | 0.28             |           |               |
| 019 AAN<br>HF SAFE & SOUND<br>019 | B      | 4031 AAN<br>804 AAN     | 110<br>49                   | 109<br>55  | 110<br>20  | 94<br>11       | 102<br>22       | 116<br>31 |             |             | 1.22<br>75   | 31.7<br>103 55 | 8.8<br>20    | 16.4<br>110         | 51<br>16 | 44<br>11      | 258<br>11 | -109<br>112 7  | 22.7<br>12       | -2.8<br>101 13  | -3.2<br>8  | 22.1<br>102 44 | 0<br>13     | 52<br>104 12 | 0.89<br>9  | 9.0<br>115 9   | 1.10<br>113 8    | 16        | 6             |
| E 180213<br>RAGNAROK              | B      | 1441<br>E 130336        | 92<br>83                    | 98<br>91   | 88<br>71   | 84<br>51       | 93<br>55        | 83<br>66  | 118<br>43   | 89<br>61    | 1.43<br>95   | 26.3<br>101 91 | 2.5<br>71    | 10.4<br>88 91       | 44<br>68 | 59<br>101 51  | 294<br>49 | -105<br>120 34 | 21.1<br>52       | 16.1<br>98 54   | -3.1<br>40 | 27.1<br>102 72 | -1<br>53    | 39<br>85 52  | 0.75<br>48 | 7.8<br>108 48  | 0.47<br>108 46   | 106<br>2  | 72<br>2       |
| E 200041<br>CHASE                 | B      | 6704<br>E 150004        | 91<br>72                    | 110<br>75  | 95<br>48   | 96<br>36       | 106<br>43       | 108<br>52 | 122<br>30   | 111<br>48   | 1.71<br>89   | 32.4<br>98 75  | 4.5<br>48    | 13.8<br>95          | 52<br>60 | 42<br>111 36  | 304<br>34 | -115<br>122 24 | 30.0<br>36       | -0.8<br>117 42  | -4.2<br>30 | 26.2<br>107 58 | 0<br>36     | 47<br>96 36  | 0.94<br>34 | 10.7<br>117 34 | 1.44<br>120 32   | 43        | 13            |
| JE 020032<br>02 32                | R      | JE 990069<br>JE 940380  | 90<br>90                    | 107<br>91  | 53<br>83   | 115<br>57      | 88<br>74        | 86<br>73  | 91<br>60    | 85<br>70    | 4.41<br>94   | 30.9<br>69 91  | -7.5<br>83   | 5.3<br>53 71        | 38<br>84 | 23<br>94 57   | 186<br>61 | -69<br>96 54   | 11.8<br>65       | -7.7<br>79 78   | -1.7<br>55 | 7.6<br>90      | 0<br>66     | 37<br>96 64  | 0.44<br>38 | 3.8<br>92 38   | -1.39<br>91 37   | 58<br>1   | 44<br>15 49   |
| KD 050399<br>ROBIN HOOD           | R      | PV 010012<br>JAN 980565 | 90<br>97                    | 91<br>97   | 112<br>95  | 80<br>63       | 105<br>91       | 88<br>81  | 99<br>52    | 88<br>75    | 1.77<br>99   | 22.3<br>97 97  | 9.2<br>95    | 13.6<br>112         | 35<br>56 | 62<br>89 63   | 175<br>55 | -38<br>93 44   | 12.1<br>61       | -21.8<br>79 93  | -2.7<br>84 | 12.5<br>100 97 | 0<br>56     | 50<br>104 54 | 0.64<br>44 | 5.3<br>102 44  | -0.97<br>97 40   | 337<br>1  | 136<br>74 281 |
| KDL 119195<br>KDL119195           | R      | 5204R<br>ML 050015      | 106<br>87                   | 111<br>87  | 97<br>77   | 78<br>56       | 120<br>62       | 114<br>68 | 101<br>28   | 111<br>60   | 1.45<br>93   | 32.6<br>101 87 | 5.0<br>77    | 14.2<br>97          | 54<br>43 | 67<br>113 56  | 256<br>42 | -110<br>111 10 | 22.8<br>48       | -3.7<br>102 65  | -8.9<br>40 | 26.5<br>130 82 | 2<br>49     | 64<br>123 46 | 0.81<br>13 | 9.5<br>111 13  | 0.34<br>115 12   | 61<br>16  | 39<br>37      |
| KDL 120016<br>KDL1216             | R      | 26P<br>KD 086727        | 96<br>85                    | 102<br>83  | 98<br>74   | 88<br>51       | 120<br>69       | 105<br>67 | 95<br>51    | 102<br>64   | 1.77<br>90   | 28.0<br>97 83  | 5.4<br>74    | 13.0<br>98          | 45<br>54 | 53<br>102 51  | 187<br>54 | -64<br>96 47   | 24.8<br>56       | -18.4<br>106 72 | -7.0<br>54 | 19.6<br>121 82 | 0<br>56     | 54<br>105 55 | 0.49<br>51 | 5.6<br>95 51   | -0.67<br>99 50   | 31<br>9   | 24<br>23      |
| KDL 120033<br>KDL1233             | R      | 26P<br>KD 090872        | 105<br>84                   | 115<br>85  | 74<br>76   | 89<br>57       | 100<br>68       | 104<br>68 | 105<br>52   | 104<br>65   | 2.65<br>90   | 34.7<br>88 85  | -1.7<br>76   | 10.4<br>74 88       | 52<br>55 | 54<br>110 57  | 247<br>55 | -84<br>109 47  | 29.1<br>57       | 1.0<br>115 69   | -5.2<br>53 | 17.9<br>112 82 | 2<br>57     | 66<br>121 57 | 0.69<br>52 | 8.0<br>105 52  | -0.64<br>108 51  | 32<br>13  | 27<br>25      |
| KDL 120051<br>KDL1251             | R      | 26P<br>ML 060010        | 116<br>82                   | 90<br>81   | 87<br>71   | 100<br>52      | 81<br>66        | 82<br>65  | 93<br>48    | 82<br>62    | 1.20<br>88   | 21.9<br>103 81 | 2.0<br>71    | 8.6<br>87           | 34<br>54 | 39<br>89 52   | 174<br>52 | -62<br>93 42   | 18.3<br>54       | 10.5<br>92 65   | -2.3<br>51 | 12.3<br>98 81  | 0<br>54     | 45<br>98 53  | 0.33<br>48 | 4.0<br>87 48   | -0.17<br>92 47   | 23<br>5   | 19<br>15      |
| KDL 150090<br>KDL1590             | R      | KDL 120051<br>ML 090011 | 116<br>77                   | 81<br>74   | 87<br>57   | 99<br>33       | 95<br>53        | 78<br>55  | 83<br>28    | 76<br>50    | 0.99<br>91   | 17.6<br>106 74 | 2.1<br>57    | 7.3<br>87           | 28<br>32 | 39<br>81 33   | 138<br>32 | -59<br>85 22   | 12.5<br>34       | 0.1<br>80 47    | -3.6<br>34 | 15.5<br>105 78 | -1<br>34    | 32<br>91 33  | 0.18<br>25 | 1.5<br>79 25   | -0.46<br>82 25   | 44<br>3   | 11<br>5       |
| KDL 150133<br>KDL15133            | R      | WB 100093<br>KHC 100100 | 106<br>83                   | 84<br>85   | 110<br>69  | 100<br>50      | 89<br>60        | 85<br>65  | 97<br>32    | 85<br>58    | 0.25<br>92   | 18.8<br>114 85 | 8.8<br>69    | 12.1<br>110         | 33<br>41 | 35<br>87 50   | 194<br>40 | -69<br>97 20   | 26.2<br>44       | -4.5<br>109 61  | 0.1<br>38  | 15.5<br>86 81  | -1<br>45    | 34<br>82 44  | 0.55<br>36 | 5.1<br>98 36   | 0.32<br>96 34    | 54<br>7   | 24<br>13      |
| PHD 130015<br>PRICELESS PRIDE     | R      | IMP381N<br>JAN 082177   | 84<br>93                    | 106<br>93  | 117<br>86  | 105<br>62      | 97<br>68        | 108<br>74 | 97<br>36    | 105<br>66   | 2.82<br>97   | 30.0<br>86 93  | 10.8<br>86   | 17.2<br>117         | 47<br>53 | 29<br>104 62  | 187<br>47 | -75<br>96 20   | 27.6<br>52       | -6.0<br>112 72  | -0.7<br>43 | 21.2<br>90 88  | 0<br>54     | 49<br>103 52 | 0.79<br>33 | 6.4<br>110 33  | 0.74<br>102 31   | 139<br>31 | 81<br>69      |
| WB 100093<br>DATABANK             | R      | SHOC102<br>WB 070090    | 94<br>93                    | 109<br>95  | 102<br>86  | 88<br>59       | 62<br>76        | 90<br>76  | 119<br>51   | 95<br>71    | 1.94<br>97   | 31.7<br>95 95  | 6.5<br>86    | 14.9<br>102         | 53<br>64 | 52<br>112 59  | 285<br>68 | -102<br>118 27 | 33.6<br>76       | 9.7<br>124 83   | 4.1<br>50  | 7.8<br>67 94   | 0<br>77     | 50<br>100 75 | 0.89<br>64 | 10.0<br>115 64 | 0.60<br>117 60   | 172<br>28 | 119<br>66     |

# Bulls

Inbreeding in red is high

EBV  
Acc Index

Breeding values with an accuracy < 5% are not printed

| Bull       |        |         |            | Selection Values (SV / Acc) |            |            |              |                 |           |             | Calf Weight |              | Mother      |              | Growth & Efficiency |            |               |      | Fertility |                  |              |           | Frame     |             | Carcass |        |             |           |     |    |     |    |     |
|------------|--------|---------|------------|-----------------------------|------------|------------|--------------|-----------------|-----------|-------------|-------------|--------------|-------------|--------------|---------------------|------------|---------------|------|-----------|------------------|--------------|-----------|-----------|-------------|---------|--------|-------------|-----------|-----|----|-----|----|-----|
| ID         | Colour | Sire ID | Dam ID     | Calf Ease                   | Calf Grwth | Milk Value | Maint. Value | Fertility Value | Cow Value | Grwth Value | Prod. Value | Birth Weight | Wean Weight | Milk Wn.Mat. | Comb Mat.           | 12m weight | Mature Weight | ADG  | FCR       | Scrotal Circumf. | Heifer Fert. | Cow Fert. | Longevity | Frame Score | Length  | Dress% | RMeat Yield | Marb-ling |     |    |     |    |     |
|            |        |         |            | Breed average:              |            |            |              |                 |           |             | 1.52        | 27.1         | 5.9         | 13.0         | 43.3                | 38         | 206           | -81  | 22.0      | -1.1             | -2.7         | 22.8      | 0         | 45          | 0.59    | 6.0    | 0.28        |           |     |    |     |    |     |
|            |        |         |            | <75                         | 75 - 125   | >125       | Shaded EBVi  |                 |           |             | 90-110      | >100         | >100        | >100         | >100                | 90-110     | >100          | >100 | >100      | >100             | >100         | >100      | 90-110    | 90-110      | >100    | >100   | >100        |           |     |    |     |    |     |
| KDL 210004 | R      | 1       | E 180213   | 79                          | 113        | 93         | 78           | 105             | 99        | 114         | 101         | 3.35         | 33.6        | 3.9          | 13.8                | 50.9       | 67            | 281  | -93       | 23.1             | 1.1          | -4.5      | 24.8      | 0           | 56      | 0.8    | 9.0         | 0.05      |     |    |     |    |     |
| KDL2104    |        |         | KD 100943  | 64                          | 67         | 52         | 34           | 43              | 49        | 28          | 45          | 72           | 80          | 52           | 93                  | 40         | 110           | 34   | 125       | 31               | 117          | 22        | 106       | 33          | 106     | 33     | 109         | 28        | 113 | 27 | 97  |    |     |
| KDL 210009 | R      |         | E 180213   | 89                          | 95         | 98         | 93           | 87              | 83        | 105         | 85          | 1.85         | 24.4        | 5.2          | 11.6                | 39.7       | 46            | 235  | -90       | 20.9             | 11.6         | -0.4      | 24.9      | -1          | 37      | 0.5    | 5.8         | 0.51      |     |    |     |    |     |
| KDL2109    |        |         | KDL 140229 | 62                          | 67         | 50         | 30           | 40              | 47        | 26          | 43          | 71           | 96          | 50           | 98                  | 38         | 95            | 30   | 107       | 31               | 107          | 19        | 104       | 33          | 98      | 34     | 88          | 29        | 97  | 28 | 103 |    |     |
| KDL 210010 | B      |         | E 180213   | 81                          | 99         | 97         | 88           | 102             | 89        | 104         | 91          | 2.34         | 26.9        | 5.1          | 12.3                | 42.4       | 53            | 227  | -79       | 20.9             | 7.4          | -3.9      | 29.0      | -1          | 42      | 0.6    | 5.9         | 0.16      |     |    |     |    |     |
| KDL2110    |        |         | KDL 150078 | 62                          | 66         | 50         | 30           | 39              | 47        | 27          | 43          | 71           | 91          | 50           | 97                  | 38         | 99            | 30   | 113       | 31               | 105          | 22        | 99        | 33          | 91      | 33     | 91          | 28        | 99  | 28 | 100 | 27 | 98  |
| KDL 210016 | R      | 1       | E 180213   | 90                          | 97         | 87         | 94           | 100             | 86        | 99          | 87          | 1.78         | 25.4        | 2.1          | 9.8                 | 39.5       | 46            | 209  | -80       | 14.3             | 3.1          | -3.5      | 23.8      | -1          | 34      | 0.6    | 4.7         | 0.35      |     |    |     |    |     |
| KDL2116    |        |         | KD 100948  | 63                          | 66         | 50         | 32           | 41              | 47        | 27          | 43          | 72           | 97          | 50           | 87                  | 40         | 95            | 32   | 107       | 30               | 101          | 22        | 100       | 32          | 84      | 32     | 87          | 26        | 98  | 26 | 95  | 25 | 101 |
| KDL 210025 | B      | 1       | E 180213   | 95                          | 80         | 93         | 104          | 104             | 76        | 92          | 77          | 1.04         | 16.7        | 3.9          | 8.2                 | 26.8       | 33            | 172  | -68       | 10.9             | -1.8         | -3.1      | 25.4      | -1          | 24      | 0.3    | 1.6         | -0.26     |     |    |     |    |     |
| KDL2125    |        |         | KD 070559  | 64                          | 60         | 52         | 35           | 42              | 47        | 33          | 44          | 72           | 105         | 52           | 93                  | 42         | 79            | 35   | 96        | 35               | 92           | 29        | 94        | 37          | 77      | 38     | 84          | 32        | 86  | 32 | 82  | 30 | 93  |
| KDL 220020 | B      |         | E 180213   | 91                          | 102        | 99         | 83           | 95              | 92        | 114         | 95          | 1.69         | 28.1        | 5.6          | 13.1                | 46.4       | 59            | 270  | -94       | 24.6             | 5.8          | -1.4      | 26.2      | 0           | 47      | 0.7    | 8.2         | 0.45      |     |    |     |    |     |
| KDL2220    |        |         | KDL 150096 | 62                          | 65         | 48         | 31           | 38              | 46        | 26          | 42          | 71           | 98          | 48           | 99                  | 39         | 104           | 31   | 118       | 31               | 115          | 20        | 106       | 34          | 95      | 30     | 108         | 30        | 109 | 30 | 109 | 28 | 102 |
| KDL 220022 | B      |         | E 180213   | 87                          | 95         | 100        | 87           | 103             | 88        | 105         | 90          | 1.71         | 24.7        | 5.9          | 12.2                | 40.3       | 53            | 230  | -80       | 21.4             | 7.4          | -3.9      | 29.6      | -1          | 43      | 0.6    | 6.1         | 0.18      |     |    |     |    |     |
| KDL2222    |        |         | KDL 150078 | 62                          | 67         | 50         | 30           | 39              | 47        | 27          | 43          | 71           | 98          | 50           | 100                 | 38         | 96            | 30   | 113       | 31               | 106          | 22        | 100       | 33          | 92      | 28     | 100         | 28        | 101 | 27 | 99  |    |     |
| KDL 230005 | R      |         | E 180213   | 94                          | 103        | 90         | 86           | 115             | 100       | 106         | 100         | 1.82         | 28.8        | 3.1          | 11.7                | 46.8       | 56            | 252  | -98       | 20.9             | -2.9         | -6.4      | 28.6      | 0           | 46      | 0.7    | 7.3         | 0.18      |     |    |     |    |     |
| KDL2305    |        |         | KDL 190102 | 54                          | 56         | 43         | 30           | 37              | 41        | 24          | 38          | 60           | 97          | 43           | 90                  | 37         | 104           | 30   | 116       | 28               | 111          | 18        | 108       | 30          | 98      | 25     | 104         | 25        | 105 | 24 | 99  |    |     |
| KDL 230008 | R      |         | E 180213   | 86                          | 102        | 80         | 90           | 104             | 87        | 105         | 89          | 2.43         | 27.9        | 0.0          | 9.3                 | 42.8       | 52            | 240  | -92       | 21.3             | 0.6          | -3.5      | 26.3      | -1          | 40      | 0.6    | 6.1         | 0.28      |     |    |     |    |     |
| KDL2308    |        |         | KDL 190043 | 60                          | 65         | 46         | 31           | 37              | 45        | 24          | 41          | 70           | 90          | 46           | 80                  | 38         | 99            | 31   | 112       | 29               | 108          | 18        | 106       | 31          | 92      | 26     | 101         | 26        | 101 | 24 | 100 |    |     |
| KDL 230011 | R      |         | E 180213   | 83                          | 106        | 85         | 93           | 113             | 98        | 101         | 98          | 2.97         | 30.4        | 1.7          | 11.2                | 46.7       | 47            | 219  | -84       | 18.4             | -9.2         | -5.3      | 24.1      | -1          | 38      | 0.5    | 5.1         | -0.11     |     |    |     |    |     |
| KDL2311    |        |         | KDL 150192 | 61                          | 57         | 46         | 29           | 39              | 43        | 26          | 40          | 70           | 84          | 46           | 85                  | 38         | 104           | 29   | 108       | 30               | 103          | 21        | 102       | 31          | 92      | 28     | 95          | 28        | 96  | 26 | 95  |    |     |
| KDL 230016 | B      | 1       | E 180213   | 87                          | 103        | 99         | 88           | 93              | 93        | 112         | 96          | 1.94         | 28.9        | 5.5          | 13.3                | 47.1       | 53            | 264  | -94       | 24.1             | 7.0          | -1.1      | 26.0      | 0           | 45      | 0.8    | 7.8         | 0.50      |     |    |     |    |     |
| KDL2316    |        |         | KDL 140149 | 62                          | 55         | 47         | 31           | 38              | 43        | 26          | 40          | 71           | 95          | 47           | 99                  | 39         | 105           | 31   | 113       | 31               | 113          | 20        | 107       | 33          | 104     | 30     | 109         | 30        | 108 | 28 | 103 |    |     |
| KDL 230018 | B      |         | E 180213   | 76                          | 99         | 98         | 96           | 100             | 89        | 103         | 90          | 2.74         | 26.6        | 5.4          | 12.5                | 41.1       | 42            | 223  | -85       | 19.8             | 2.8          | -2.3      | 27.2      | -1          | 39      | 0.6    | 5.5         | 0.28      |     |    |     |    |     |
| KDL2318    |        |         | KDL 200024 | 60                          | 65         | 46         | 32           | 37              | 45        | 26          | 41          | 70           | 87          | 46           | 98                  | 38         | 97            | 32   | 104       | 30               | 104          | 21        | 102       | 32          | 95      | 28     | 101         | 28        | 98  | 26 | 100 |    |     |
| KDL 230025 | B      | 25      | E 180213   | 101                         | 92         | 93         | 88           | 104             | 88        | 111         | 91          | 0.66         | 23.2        | 4.0          | 10.4                | 39.9       | 53            | 265  | -94       | 21.2             | 7.8          | -4.5      | 29.1      | -1          | 41      | 0.7    | 7.0         | 0.22      |     |    |     |    |     |
| KDL2325    |        |         | KDL 210017 | 59                          | 64         | 43         | 30           | 34              | 44        | 25          | 40          | 69           | 109         | 43           | 93                  | 38         | 96            | 30   | 113       | 29               | 114          | 20        | 107       | 30          | 98      | 28     | 103         | 28        | 104 | 27 | 99  |    |     |
| KDL 230026 | B      |         | E 180213   | 90                          | 102        | 101        | 89           | 96              | 95        | 111         | 97          | 1.84         | 28.3        | 6.3          | 13.6                | 46.3       | 51            | 261  | -95       | 25.4             | 6.6          | -1.6      | 27.1      | 0           | 47      | 0.8    | 8.1         | 0.61      |     |    |     |    |     |
| KDL2326    |        |         | KDL 200029 | 59                          | 64         | 45         | 31           | 36              | 44        | 24          | 40          | 69           | 97          | 45           | 101                 | 38         | 104           | 31   | 111       | 29               | 113          | 18        | 107       | 31          | 107     | 26     | 111         | 26        | 109 | 26 | 104 |    |     |
| KDL 230033 | B      |         | E 180213   | 98                          | 99         | 97         | 85           | 96              | 92        | 110         | 94          | 1.47         | 26.8        | 5.1          | 12.3                | 44.7       | 56            | 259  | -91       | 24.4             | 8.4          | -2.9      | 25.2      | 0           | 50      | 0.6    | 7.6         | 0.36      |     |    |     |    |     |
| KDL2333    |        |         | KDL 150162 | 62                          | 66         | 49         | 32           | 39              | 47        | 28          | 43          | 71           | 101         | 49           | 97                  | 39         | 102           | 32   | 116       | 31               | 112          | 23        | 105       | 33          | 96      | 30     | 103         | 30        | 107 | 28 | 101 |    |     |
| KDL 230035 | B      |         | E 180213   | 95                          | 111        | 94         | 86           | 105             | 106       | 112         | 107         | 2.24         | 32.7        | 4.3          | 13.7                | 52.1       | 55            | 279  | -104      | 26.8             | 2.9          | -4.4      | 27.2      | 0           | 55      | 0.9    | 9.4         | 0.59      |     |    |     |    |     |
| KDL2335    |        |         | KDL 200012 | 60                          | 65         | 45         | 32           | 37              | 45        | 24          | 41          | 70           | 92          | 45           | 94                  | 38         | 111           | 32   | 115       | 29               | 117          | 18        | 112       | 32          | 104     | 26     | 115         | 26        | 114 | 24 | 104 |    |     |
| KDL 230037 | B      |         | E 180213   | 96                          | 104        | 87         | 84           | 88              | 88        | 112         | 91          | 1.85         | 29.0        | 2.0          | 11.0                | 46.1       | 60            | 266  | -94       | 24.0             | 16.5         | -2.0      | 25.7      | 0           | 48      | 0.7    | 7.8         | 0.04      |     |    |     |    |     |
| KDL2337    |        |         | KDL 170076 | 60                          | 65         | 46         | 31           | 38              | 45        | 26          | 41          | 70           | 96          | 46           | 87                  | 38         | 104           | 31   | 118       | 30               | 114          | 21        | 106       | 31          | 104     | 28     | 107         | 28        | 108 | 28 | 97  |    |     |
| KDL 230044 | B      |         | E 180213   | 116                         | 92         | 91         | 91           | 102             | 92        | 109         | 94          | 0.28         | 22.9        | 3.3          | 9.9                 | 38.7       | 49            | 254  | -79       | 23.9             | 4.9          | -3.9      | 27.0      | -1          | 43      | 0.7    | 7.1         | 0.29      |     |    |     |    |     |
| KDL2344    |        |         | KDL 200009 | 59                          | 53         | 42         | 30           | 35              | 41        | 24          | 38          | 69           | 113         | 42           | 91                  | 36         | 94            | 30   | 110       | 28               | 111          | 19        | 99        | 29          | 104     | 26     | 104         | 26        | 105 | 25 | 100 |    |     |
| KDL 240004 | R      |         | 019 AAN    | 105                         | 103        | 105        | 92           | 98              | 104       |             |             | 0.88         | 28.6        | 7.3          | 14.4                | 46.8       | 46            | 253  | -99       | 22.3             | 1.7          | -2.1      | 24.7      | 0           | 46      | 0.8    | 7.9         | 0.36      |     |    |     |    |     |
| KDL2404    |        |         | KDL 210008 | 49                          | 42         | 25         | 16           | 22              | 29        |             |             | 65           | 107         | 25           | 105                 | 21         | 104           | 16   | 107       | 17               | 111          | 11        | 109       | 18          | 97      | 16     | 110         | 16        | 108 | 15 | 101 |    |     |
| KDL 240006 | R      |         | E 200041   | 96                          | 104        | 100        | 97           | 105             | 105       |             |             | 1.33         | 29.4        | 6.0          | 13.8                | 48.3       | 40            | 258  | -94       | 28.5             | -4.7         | -1.9      | 28.2      | -1          | 44      | 0.8    | 8.5         | 0.84      |     |    |     |    |     |
| KDL2406    |        |         | KDL 190140 | 56                          | 49         | 35         | 24           | 32              | 37        |             |             | 68           | 102         | 35           | 100                 | 34         | 106           | 24   | 102       | 22               | 112          | 14        | 107       | 24          | 93      | 22     | 109         | 22        | 111 | 20 | 107 |    |     |

Bulls

Inbreeding in red is high

EBV  
Acc Index

Breeding values with an accuracy < 5% are not printed

| Bull       |        |                   | Selection Values (SV / Acc) |            |            |              |                 |           |             | Calf Weight |              | Mother      |              | Growth & Efficiency |            |               |        | Fertility |                  |              |           | Frame     |             | Carcass |        |             |           |      |      |     |    |     |
|------------|--------|-------------------|-----------------------------|------------|------------|--------------|-----------------|-----------|-------------|-------------|--------------|-------------|--------------|---------------------|------------|---------------|--------|-----------|------------------|--------------|-----------|-----------|-------------|---------|--------|-------------|-----------|------|------|-----|----|-----|
| ID         | Colour | Sire ID<br>Dam ID | Calf Ease                   | Calf Grwth | Milk Value | Maint. Value | Fertility Value | Cow Value | Grwth Value | Prod. Value | Birth Weight | Wean Weight | Milk Wn.Mat. | Comb Mat.           | 12m weight | Mature Weight | ADG    | FCR       | Scrotal Circumf. | Heifer Fert. | Cow Fert. | Longevity | Frame Score | Length  | Dress% | RMeat Yield | Marb-ling |      |      |     |    |     |
|            |        |                   | Breed average:              |            |            |              |                 |           |             |             |              | 1.52        | 27.1         | 5.9                 | 13.0       | 43.3          | 38     | 206       | -81              | 22.0         | -1.1      | -2.7      | 22.8        | 0       | 45     | 0.59        | 6.0       | 0.28 |      |     |    |     |
|            |        |                   | <75                         | 75 - 125   | >125       | Shaded EBVi  |                 |           |             |             |              | 90-110      | >100         | >100                | >100       | >100          | 90-110 | >100      | >100             | >100         | >100      | >100      | >100        | >100    | 90-110 | 90-110      | >100      | >100 | >100 |     |    |     |
| KDL 240008 | R      | 019 AAN           | 103                         | 108        | 98         | 89           | 109             | 109       |             |             | 1.54         | 31.0        | 5.4          | 14.0                | 49.5       | 51            | 258    | -105      | 22.3             | -2.4         | -4.9      | 26.5      | 0           | 50      | 0.8    | 8.4         | 0.27      |      |      |     |    |     |
| KDL2408    |        | KDL 210034        | 48                          | 42         | 24         | 16           | 22              | 29        |             |             | 64           | 100         | 42           | 108                 | 20         | 108           | 16     | 111       | 15               | 112          | 10        | 112       | 16          | 102     | 16     | 106         | 14        | 110  | 14   | 110 | 13 | 100 |
| KDL 240009 | R      | E 200041          | 107                         | 91         | 102        | 99           | 120             | 101       | 103         | 101         | 0.26         | 22.7        | 6.4          | 11.9                | 39.6       | 38            | 225    | -89       | 22.8             | -17.7        | -5.9      | 23.4      | 0           | 42      | 0.6    | 6.5         | 0.38      |      |      |     |    |     |
| KDL2409    |        | KDL 150192        | 57                          | 50         | 40         | 23           | 34              | 38        | 21          | 35          | 68           | 113         | 50           | 91                  | 34         | 95            | 23     | 100       | 23               | 104          | 17        | 104       | 25          | 95      | 25     | 97          | 22        | 100  | 22   | 102 | 21 | 101 |
| KDL 240010 | R      | E 200041          | 102                         | 101        | 106        | 100          | 116             | 111       |             |             | 1.17         | 27.7        | 7.5          | 14.2                | 46.0       | 36            | 243    | -97       | 25.8             | -10.5        | -5.2      | 27.4      | 0           | 46      | 0.8    | 8.0         | 0.81      |      |      |     |    |     |
| KDL2410    |        | KDL 190038        | 56                          | 50         | 39         | 26           | 33              | 38        |             |             | 68           | 104         | 50           | 101                 | 34         | 103           | 26     | 99        | 23               | 109          | 13        | 108       | 25          | 99      | 25     | 102         | 18        | 109  | 18   | 109 | 18 | 107 |
| KDL 240017 | B      | E 200041          | 86                          | 108        | 83         | 99           | 111             | 100       |             |             | 2.62         | 31.0        | 1.0          | 11.0                | 46.9       | 40            | 229    | -92       | 23.6             | -8.5         | -3.9      | 25.9      | -1          | 39      | 0.6    | 6.5         | 0.67      |      |      |     |    |     |
| KDL2417    |        | KDL 190043        | 57                          | 51         | 40         | 25           | 32              | 38        |             |             | 69           | 88          | 40           | 83                  | 34         | 105           | 25     | 102       | 23               | 105          | 14        | 106       | 25          | 93      | 24     | 94          | 18        | 102  | 18   | 102 | 18 | 105 |
| KDL 240021 | B      | 019 AAN           | 110                         | 104        | 98         | 93           | 102             | 105       |             |             | 0.92         | 29.0        | 5.3          | 13.2                | 46.3       | 46            | 240    | -97       | 20.5             | 1.9          | -3.7      | 24.3      | 0           | 45      | 0.7    | 7.2         | 0.23      |      |      |     |    |     |
| KDL2421    |        | KDL 220005        | 49                          | 42         | 24         | 16           | 22              | 29        |             |             | 65           | 106         | 42           | 104                 | 20         | 104           | 16     | 107       | 16               | 108          | 10        | 108       | 17          | 98      | 17     | 100         | 13        | 105  | 13   | 105 | 12 | 99  |
| KDL 240023 | R      | E 200041          | 113                         | 104        | 93         | 96           | 113             | 110       | 112         | 111         | 0.90         | 29.3        | 3.7          | 12.2                | 47.2       | 42            | 268    | -74       | 28.5             | -4.4         | -6.8      | 24.3      | 0           | 54      | 0.8    | 9.2         | 0.66      |      |      |     |    |     |
| KDL2423    |        | KDL 170139        | 56                          | 49         | 37         | 24           | 30              | 36        | 21          | 33          | 68           | 107         | 49           | 104                 | 34         | 105           | 24     | 104       | 23               | 114          | 18        | 97        | 24          | 113     | 29     | 104         | 22        | 111  | 22   | 113 | 21 | 105 |
| KDL 240024 | B      | E 200041          | 98                          | 106        | 96         | 92           | 122             | 111       |             |             | 1.49         | 30.1        | 4.8          | 13.2                | 49.1       | 48            | 258    | -103      | 25.4             | -11.4        | -6.9      | 28.3      | 0           | 50      | 0.8    | 8.7         | 0.67      |      |      |     |    |     |
| KDL2424    |        | KDL 190102        | 56                          | 49         | 37         | 24           | 32              | 37        |             |             | 68           | 100         | 49           | 106                 | 33         | 107           | 24     | 109       | 21               | 112          | 14        | 111       | 23          | 107     | 34     | 113         | 18        | 108  | 18   | 111 | 18 | 105 |
| KDL 240029 | B      | 4 E 200041        | 91                          | 99         | 98         | 97           | 102             | 95        | 112         | 97          | 1.51         | 26.6        | 5.3          | 12.4                | 43.7       | 40            | 259    | -99       | 23.5             | 1.3          | -2.8      | 26.8      | -1          | 38      | 0.7    | 7.3         | 0.73      |      |      |     |    |     |
| KDL2429    |        | KDL 210020        | 55                          | 50         | 35         | 24           | 29              | 36        | 20          | 33          | 68           | 100         | 50           | 99                  | 36         | 100           | 24     | 102       | 24               | 112          | 16        | 109       | 25          | 90      | 25     | 93          | 22        | 105  | 22   | 106 | 22 | 106 |
| KDL 240034 | B      | E 200041          | 77                          | 115        | 94         | 97           | 92              | 102       | 110         | 103         | 3.55         | 35.0        | 4.2          | 14.5                | 52.9       | 41            | 252    | -98       | 26.9             | 4.3          | -1.2      | 22.7      | 0           | 44      | 0.7    | 8.1         | 1.08      |      |      |     |    |     |
| KDL2434    |        | KDL 140229        | 59                          | 52         | 44         | 24           | 35              | 40        | 21          | 36          | 69           | 78          | 52           | 115                 | 35         | 112           | 24     | 103       | 25               | 111          | 15        | 109       | 28          | 96      | 27     | 100         | 24        | 105  | 24   | 109 | 22 | 110 |
| KDL 240035 | B      | E 200041          | 121                         | 84         | 103        | 97           | 108             | 94        |             |             | -1.45        | 18.9        | 6.8          | 10.8                | 35.4       | 41            | 259    | -84       | 28.3             | -3.6         | -4.4      | 25.0      | 0           | 47      | 0.8    | 8.6         | 0.77      |      |      |     |    |     |
| KDL2435    |        | KDL 200009        | 56                          | 47         | 36         | 23           | 29              | 35        |             |             | 68           | 132         | 47           | 84                  | 32         | 90            | 23     | 102       | 21               | 112          | 14        | 101       | 22          | 96      | 22     | 103         | 20        | 109  | 20   | 111 | 19 | 107 |
| KDL 240036 | B      | E 200041          | 94                          | 109        | 89         | 92           | 94              | 98        | 112         | 100         | 2.19         | 31.6        | 2.8          | 12.4                | 49.2       | 49            | 264    | -96       | 27.4             | 7.7          | -2.5      | 23.6      | 0           | 50      | 0.8    | 8.7         | 0.48      |      |      |     |    |     |
| KDL2436    |        | KDL 170076        | 57                          | 51         | 40         | 25           | 33              | 38        | 22          | 35          | 68           | 93          | 51           | 109                 | 34         | 107           | 25     | 109       | 24               | 113          | 18        | 108       | 25          | 111     | 36     | 88          | 22        | 110  | 22   | 111 | 22 | 103 |
| KDL 240037 | B      |                   | 116                         | 75         | 112        | 99           | 81              | 76        |             |             | -1.42        | 14.5        | 9.2          | 11.0                | 25.6       | 38            | 160    | -145      | 21.6             | 3.6          | -3.8      | 2.6       | 1           | 46      | 0.4    | 5.2         | 0.00      |      |      |     |    |     |
| KDL2437    |        | KDL 200012        | 47                          | 33         | 31         | 19           | 23              | 28        |             |             | 58           | 131         | 33           | 75                  | 17         | 77            | 19     | 100       | 15               | 90           | 6         | 131       | 17          | 99      | 24     | 94          | 9         | 90   | 9    | 97  | 8  | 96  |

Cows

Inbreeding in red is high

EBV  
Acc Index

Breeding values with an accuracy < 5% are not printed

| Cow               |      |                          | Selection Values (SV / Acc) |            |            |              |                 |           |             | Calf Weight |              | Mother      |              | Growth & Efficiency |            |               |           | Fertility  |                  |              |             | Frame        |             | Carcass  |           |             |             |              |
|-------------------|------|--------------------------|-----------------------------|------------|------------|--------------|-----------------|-----------|-------------|-------------|--------------|-------------|--------------|---------------------|------------|---------------|-----------|------------|------------------|--------------|-------------|--------------|-------------|----------|-----------|-------------|-------------|--------------|
| ID Name           |      | Sire ID<br>Dam ID        | Calf Ease                   | Calf Grwth | Milk Value | Maint. Value | Fertility Value | Cow Value | Grwth Value | Prod. Value | Birth Weight | Wean Weight | Milk Wn.Mat. | Comb Mat.           | 12m weight | Mature Weight | ADG       | FCR        | Scrotal Circumf. | Heifer Fert. | Cow Fert.   | Longevity    | Frame Score | Length   | Dress%    | RMeat Yield | Marb-ling   |              |
| Colour<br>% Inbr. |      |                          | Breed average:              |            |            |              |                 |           |             | 1.52        | 27.1         | 5.9         | 13.0         | 43.3                | 38         | 206           | -81       | 22.0       | -1.1             | -2.7         | 22.8        | 0            | 45          | 0.59     | 6.0       | 0.28        |             |              |
|                   |      |                          | <75                         | 75 - 125   | >125       | Shaded EBVi  |                 |           |             | 90-110      | >100         | >100        | >100         | >100                | 90-110     | >100          | >100      | >100       | >100             | >100         | >100        | >100         | 90-110      | 90-110   | >100      | >100        | >100        |              |
|                   |      |                          |                             |            |            |              |                 |           |             |             |              |             |              |                     |            |               |           |            |                  |              |             |              |             |          |           |             |             |              |
| KD 100943         | R 1  | KD 050399<br>KD 030146   | 89<br>82                    | 99<br>75   | 111<br>80  | 83<br>45     | 114<br>64       | 100<br>63 | 100<br>36   | 99<br>58    | 2.36<br>83   | 26.6<br>91  | 8.9<br>80    | 14.8<br>107         | 40.8<br>42 | 59<br>45      | 206<br>39 | -61<br>100 | 29<br>91         | 16.7<br>42   | -18.5<br>68 | -5.0<br>51   | 19.0<br>111 | 1<br>41  | 54<br>112 | 0.49<br>30  | 5.9<br>30   | -0.78<br>100 |
| KDL 120165        | R    | KDL 090075               | 128<br>68                   | 81<br>54   | 74<br>69   | 111<br>12    | 107<br>29       | 85<br>43  |             |             | -0.48<br>66  | 17.6<br>121 | -1.6<br>69   | 4.8<br>76           | 23.2<br>16 | 26<br>12      | 129<br>83 | -75<br>11  | 97               | 16.7<br>13   | -2.0<br>18  | -6.7<br>13   | 19.1<br>119 | 0<br>14  | 35<br>95  | 0.31<br>11  | 3.1<br>11   | 0.03<br>89   |
| KDL 140124        | R    | WB 100093<br>KDL 120052  | 108<br>78                   | 107<br>71  | 98<br>71   | 92<br>38     | 91<br>56        | 104<br>58 | 109<br>35   | 104<br>53   | 0.80<br>79   | 30.7<br>108 | 5.3<br>71    | 13.7<br>101         | 51.2<br>40 | 47<br>110     | 249<br>88 | -82<br>110 | 25<br>101        | 30.1<br>45   | 0.5<br>61   | 1.7<br>98    | 25.8<br>68  | 0<br>46  | 53<br>102 | 0.72<br>40  | 8.7<br>107  | 0.24<br>111  |
| KDL 140149        | R 3  | WB 100093<br>KDL 120100  | 89<br>78                    | 104<br>62  | 113<br>67  | 91<br>33     | 91<br>50        | 99<br>53  | 106<br>31   | 100<br>49   | 1.79<br>79   | 29.0<br>97  | 9.5<br>67    | 16.0<br>113         | 47.6<br>38 | 47<br>105     | 234<br>39 | -83<br>106 | 20<br>101        | 27.0<br>42   | -2.1<br>110 | 0.8<br>51    | 21.9<br>101 | 0<br>43  | 51<br>103 | 0.80<br>36  | 7.9<br>110  | 0.54<br>108  |
| KDL 140176        | R    | JE 020032<br>KDL 090115  | 88<br>74                    | 102<br>65  | 84<br>64   | 110<br>28    | 113<br>48       | 100<br>52 | 91<br>30    | 97<br>48    | 2.80<br>75   | 28.4<br>86  | 1.2<br>64    | 10.3<br>90          | 38.3<br>42 | 26<br>94      | 182<br>30 | -57<br>95  | 27<br>89         | 16.8<br>33   | -4.0<br>51  | -9.3<br>104  | 16.5<br>133 | 0<br>33  | 43<br>101 | 0.45<br>20  | 4.8<br>93   | -0.55<br>18  |
| KDL 140229        | R    | WB 100093<br>ML 080002   | 87<br>78                    | 99<br>73   | 107<br>74  | 97<br>32     | 78<br>55        | 87<br>58  | 97<br>30    | 88<br>52    | 2.43<br>79   | 26.4<br>90  | 7.8<br>74    | 14.0<br>104         | 41.6<br>37 | 40<br>98      | 200<br>38 | -81<br>99  | 19<br>100        | 23.8<br>42   | 9.4<br>61   | 1.8<br>86    | 19.1<br>78  | 0<br>43  | 42<br>96  | 0.46<br>32  | 5.4<br>93   | 0.71<br>31   |
| KDL 150075        | R    | KDL 120016<br>KDL 090166 | 111<br>77                   | 92<br>70   | 74<br>75   | 107<br>26    | 127<br>51       | 97<br>55  | 84<br>26    | 93<br>49    | 0.81<br>77   | 22.8<br>108 | -1.7<br>75   | 6.5<br>80           | 32.7<br>27 | 31<br>87      | 133<br>27 | -37<br>84  | 23<br>79         | 16.7<br>28   | -15.9<br>54 | -8.8<br>120  | 25.2<br>130 | -1<br>28 | 36<br>93  | 0.27<br>26  | 2.9<br>84   | -0.46<br>25  |
| KDL 150078        | R 1  | KDL 120016<br>KHC 100112 | 83<br>76                    | 90<br>72   | 113<br>74  | 94<br>32     | 110<br>52       | 91<br>57  | 87<br>32    | 88<br>52    | 1.81<br>78   | 21.8<br>97  | 9.6<br>74    | 13.7<br>113         | 34.8<br>36 | 43<br>89      | 142<br>36 | -44<br>86  | 27<br>83         | 18.4<br>38   | -2.2<br>59  | -4.6<br>101  | 28.5<br>111 | -1<br>38 | 41<br>93  | 0.33<br>28  | 2.9<br>87   | -0.25<br>28  |
| KDL 150134        | R 2  | WB 100093<br>KD 100927   | 76<br>70                    | 108<br>69  | 101<br>62  | 80<br>37     | 71<br>55        | 84<br>54  | 105<br>32   | 86<br>50    | 3.19<br>74   | 31.2<br>82  | 6.2<br>62    | 14.5<br>101         | 47.5<br>38 | 64<br>105     | 223<br>37 | -77<br>122 | 21<br>98         | 23.5<br>43   | 11.2<br>62  | 2.8<br>84    | 15.5<br>73  | 0<br>43  | 48<br>105 | 0.68<br>36  | 6.8<br>104  | -0.20<br>36  |
| KDL 150162        | R 13 | KDL 120051<br>KDL 120012 | 100<br>76                   | 107<br>70  | 104<br>72  | 86<br>37     | 96<br>53        | 104<br>57 | 103<br>34   | 104<br>52   | 2.03<br>77   | 30.9<br>94  | 7.1<br>72    | 15.0<br>105         | 50.0<br>38 | 55<br>108     | 229<br>37 | -78<br>105 | 31<br>99         | 28.1<br>38   | 1.9<br>113  | -2.9<br>57   | 20.8<br>96  | 1<br>38  | 63<br>109 | 0.56<br>34  | 7.8<br>98   | 0.29<br>34   |
| KDL 150169        | R    | WB 100093<br>ML 080033   | 86<br>76                    | 103<br>69  | 100<br>66  | 105<br>32    | 60<br>53        | 84<br>55  | 98<br>26    | 85<br>49    | 2.59<br>78   | 28.7<br>89  | 5.8<br>66    | 13.4<br>100         | 45.6<br>36 | 31<br>103     | 193<br>32 | -77<br>94  | 14<br>98         | 21.7<br>40   | 28.9<br>60  | 3.0<br>60    | 17.2<br>72  | -1<br>41 | 37<br>92  | 0.49<br>32  | 4.8<br>95   | 0.04<br>31   |
| KDL 150174        | R 1  | WB 100093<br>KD 070559   | 102<br>78                   | 75<br>75   | 109<br>75  | 110<br>38    | 97<br>55        | 79<br>59  | 90<br>36    | 79<br>54    | 0.45<br>80   | 14.3<br>111 | 8.6<br>75    | 10.5<br>109         | 25.2<br>40 | 24<br>77      | 155<br>43 | -61<br>88  | 27<br>91         | 15.3<br>47   | -8.3<br>61  | 0.3<br>109   | 22.1<br>99  | -1<br>47 | 25<br>88  | 0.30<br>38  | 1.5<br>85   | -0.30<br>36  |
| KDL 150187        | R    | KDL 120051<br>KDL 090163 | 85<br>75                    | 119<br>70  | 88<br>73   | 95<br>27     | 106<br>49       | 112<br>55 | 98<br>24    | 109<br>49   | 3.80<br>76   | 36.9<br>75  | 2.6<br>73    | 14.0<br>88          | 51.7<br>27 | 44<br>111     | 210<br>27 | -65<br>106 | 21<br>92         | 24.4<br>27   | 3.5<br>105  | -8.2<br>94   | 18.3<br>127 | 1<br>27  | 57<br>109 | 0.57<br>24  | 7.3<br>99   | 0.28<br>106  |
| KDL 150192        | R    | KDL 120016<br>KDL 111065 | 101<br>73                   | 91<br>67   | 97<br>65   | 102<br>29    | 133<br>53       | 103<br>53 | 84<br>29    | 98<br>48    | 1.27<br>75   | 22.3<br>103 | 5.1<br>65    | 10.8<br>95          | 36.6<br>32 | 35<br>97      | 145<br>32 | -61<br>86  | 24<br>91         | 15.6<br>34   | -34.5<br>59 | -7.5<br>144  | 20.7<br>124 | 0<br>35  | 37<br>94  | 0.26<br>26  | 2.3<br>83   | -0.69<br>26  |
| KDL 150226        | R 2  | WB 100093<br>KDL 090236  | 92<br>76                    | 109<br>70  | 107<br>71  | 98<br>32     | 103<br>49       | 111<br>55 | 109<br>28   | 110<br>50   | 1.98<br>77   | 31.8<br>95  | 7.9<br>71    | 15.9<br>107         | 50.9<br>36 | 39<br>110     | 240<br>32 | -36<br>101 | 17<br>78         | 27.7<br>40   | -4.3<br>45  | -3.2<br>104  | 22.7<br>100 | 0<br>41  | 49<br>96  | 0.82<br>34  | 8.1<br>111  | 0.64<br>109  |
| KDL 170052        | R    | PHD 130015<br>KDL 090174 | 89<br>75                    | 113<br>67  | 125<br>65  | 91<br>31     | 128<br>45       | 129<br>52 |             |             | 2.04<br>76   | 33.8<br>94  | 13.0<br>65   | 19.9<br>125         | 52.5<br>26 | 46<br>112     | 249<br>31 | -81<br>107 | 10<br>100        | 33.5<br>26   | -18.1<br>53 | -8.8<br>122  | 23.8<br>130 | 2<br>27  | 69<br>120 | 0.95<br>16  | 10.6<br>118 | 0.93<br>16   |
| KDL 170068        | R    | KDL 119195<br>KDL 090017 | 91<br>72                    | 113<br>54  | 128<br>59  | 79<br>28     | 122<br>36       | 125<br>45 |             |             | 1.29<br>74   | 33.7<br>102 | 13.8<br>59   | 20.4<br>123         | 55.3<br>22 | 62<br>115     | 269<br>21 | -94<br>114 | 5<br>107         | 29.3<br>24   | -0.8<br>115 | -11.2<br>100 | 24.6<br>142 | 2<br>24  | 72<br>127 | 0.90<br>6   | 11.3<br>115 | 0.65<br>6    |
| KDL 170076        | R 4  | KDL 120033<br>KDL 140192 | 96<br>72                    | 107<br>68  | 83<br>65   | 87<br>34     | 81<br>51        | 88<br>54  | 103<br>30   | 90<br>49    | 2.67<br>75   | 30.8<br>88  | 1.0<br>65    | 10.9<br>83          | 45.9<br>34 | 56<br>115     | 224<br>34 | -77<br>104 | 26<br>98         | 24.8<br>36   | 16.3<br>106 | -0.7<br>57   | 21.0<br>96  | 1<br>36  | 54<br>110 | 0.64<br>32  | 6.7<br>102  | -0.49<br>30  |
| KDL 170098        | R 6  | KDL 120033<br>KDL 140196 | 107<br>71                   | 96<br>68   | 81<br>66   | 104<br>32    | 126<br>45       | 102<br>52 | 92<br>28    | 99<br>47    | 1.94<br>74   | 25.3<br>95  | 0.3<br>66    | 8.7<br>86           | 36.7<br>30 | 34<br>92      | 176<br>31 | -56<br>93  | 26<br>88         | 20.8<br>31   | -16.5<br>44 | -8.8<br>120  | 23.7<br>102 | 0<br>32  | 47<br>102 | 0.38<br>28  | 4.2<br>89   | -0.54<br>28  |
| KDL 170139        | R 6  | KDL 120033<br>KDL 140270 | 112<br>70                   | 107<br>63  | 84<br>56   | 96<br>32     | 121<br>43       | 113<br>49 | 103<br>28   | 111<br>45   | 1.34<br>73   | 30.9<br>102 | 1.2<br>56    | 11.1<br>84          | 47.1<br>30 | 43<br>105     | 232<br>31 | -32<br>106 | 26<br>76         | 27.0<br>31   | -7.9<br>39  | -9.4<br>133  | 22.5<br>99  | 1<br>32  | 62<br>111 | 0.68<br>28  | 7.6<br>104  | -0.12<br>28  |

# Cows

Inbreeding in red is high

EBV  
Acc Index

Breeding values with an accuracy < 5% are not printed

| Cow        |        |                          | Selection Values (SV / Acc) |            |            |              |                 |           |             | Calf Weight |              | Mother      |              | Growth & Efficiency |            |               |            | Fertility |                  |              |            | Frame      |             | Carcass   |             |             |             |      |
|------------|--------|--------------------------|-----------------------------|------------|------------|--------------|-----------------|-----------|-------------|-------------|--------------|-------------|--------------|---------------------|------------|---------------|------------|-----------|------------------|--------------|------------|------------|-------------|-----------|-------------|-------------|-------------|------|
| ID         | Colour | Sire ID<br>Dam ID        | Calf Ease                   | Calf Grwth | Milk Value | Maint. Value | Fertility Value | Cow Value | Grwth Value | Prod. Value | Birth Weight | Wean Weight | Milk Wn.Mat. | Comb Mat.           | 12m weight | Mature Weight | ADG        | FCR       | Scrotal Circumf. | Heifer Fert. | Cow Fert.  | Longevity  | Frame Score | Length    | Dress%      | RMeat Yield | Marb-ling   |      |
| Name       |        |                          | Breed average:              |            |            |              |                 |           |             |             |              | 1.52        | 27.1         | 5.9                 | 13.0       | 43.3          | 38         | 206       | -81              | 22.0         | -1.1       | -2.7       | 22.8        | 0         | 45          | 0.59        | 6.0         | 0.28 |
|            |        |                          | <75                         | 75 - 125   | >125       | Shaded EBVi  |                 |           |             | 90-110      | >100         | >100        | >100         | >100                | >100       | >100          | >100       | >100      | >100             | >100         | >100       | >100       | >100        | >100      | 90-110      | 90-110      | >100        | >100 |
| KDL 190033 | R 2    | PHD 130015<br>KD 070559  | 95<br>71                    | 80<br>69   | 111<br>59  | 116<br>39    | 102<br>50       | 87<br>53  | 81<br>32    | 83<br>49    | 1.17<br>75   | 16.9<br>69  | 9.1<br>59    | 11.7<br>101         | 26.8<br>36 | 18<br>39      | 119<br>80  | -50<br>26 | 14.1<br>37       | -1.7<br>58   | -1.0<br>31 | 28.9<br>62 | -1<br>38    | 29<br>37  | 0.33<br>26  | 0.9<br>26   | -0.13<br>25 |      |
| KDL 190038 | R      | PHD 130015<br>KDL 101058 | 109<br>70                   | 96<br>67   | 114<br>61  | 104<br>38    | 127<br>50       | 116<br>53 | 92<br>22    | 111<br>47   | 1.13<br>74   | 24.8<br>67  | 9.8<br>61    | 14.8<br>108         | 41.7<br>34 | 31<br>38      | 182<br>95  | -78<br>11 | 21.5<br>35       | -20.3<br>58  | -6.1<br>31 | 28.6<br>61 | 0<br>36     | 46<br>102 | 0.61<br>18  | 5.4<br>18   | 0.18<br>17  |      |
| KDL 190043 | R 1    | KDL 119195<br>ESP 100030 | 91<br>71                    | 95<br>69   | 77<br>63   | 101<br>33    | 115<br>47       | 88<br>53  | 87<br>24    | 86<br>47    | 2.20<br>75   | 24.6<br>69  | -0.9<br>63   | 7.6<br>83           | 36.2<br>32 | 38<br>33      | 153<br>100 | -67<br>14 | 17.1<br>34       | -16.3<br>53  | -3.6<br>30 | 25.7<br>59 | -1<br>34    | 31<br>33  | 0.34<br>16  | 2.2<br>16   | -0.10<br>15 |      |
| KDL 190053 | R      | KDL 119195<br>KD 100943  | 113<br>72                   | 105<br>68  | 103<br>61  | 78<br>36     | 123<br>51       | 114<br>53 | 102<br>23   | 112<br>47   | 1.24<br>75   | 29.7<br>68  | 6.8<br>61    | 14.4<br>104         | 48.1<br>30 | 66<br>106     | 241<br>28  | -89<br>15 | 21.1<br>32       | -11.4<br>57  | -6.6<br>35 | 30.0<br>60 | 2<br>32     | 62<br>120 | 0.69<br>16  | 8.4<br>16   | -0.16<br>15 |      |
| KDL 190065 | R      | KDL 119195<br>KDL 150078 | 107<br>70                   | 102<br>66  | 97<br>58   | 86<br>32     | 120<br>47       | 107<br>51 | 95<br>22    | 104<br>45   | 1.44<br>74   | 28.1<br>66  | 4.9<br>58    | 12.6<br>99          | 44.9<br>28 | 56<br>115     | 204<br>28  | -80<br>14 | 21.2<br>30       | -5.1<br>54   | -5.7<br>29 | 34.0<br>58 | 1<br>31     | 54<br>110 | 0.59<br>16  | 6.5<br>16   | 0.07<br>15  |      |
| KDL 190102 | R 9    | KDL 119195<br>KDL 150192 | 97<br>68                    | 108<br>64  | 93<br>56   | 88<br>32     | 138<br>47       | 116<br>50 | 94<br>21    | 112<br>44   | 2.21<br>73   | 31.3<br>64  | 3.8<br>56    | 13.0<br>98          | 49.6<br>27 | 54<br>108     | 211<br>26  | -90<br>13 | 20.7<br>29       | -21.9<br>54  | -9.6<br>29 | 30.5<br>58 | 1<br>30     | 54<br>112 | 0.59<br>14  | 6.7<br>14   | -0.10<br>14 |      |
| KDL 190127 | R 3    | KDL 150090<br>KDL 150075 | 117<br>66                   | 73<br>64   | 81<br>55   | 115<br>21    | 111<br>43       | 78<br>47  |             |             | 0.30<br>73   | 13.4<br>64  | 0.3<br>55    | 4.7<br>78           | 20.5<br>21 | 21<br>86      | 83<br>21   | -28<br>16 | 7.6<br>22        | -3.0<br>49   | -4.7<br>25 | 28.7<br>54 | -2<br>22    | 18<br>79  | -0.03<br>18 | -1.4<br>18  | -0.80<br>18 |      |
| KDL 190140 | R 14   | KDL 150133<br>KDL 140124 | 101<br>68                   | 97<br>64   | 106<br>50  | 98<br>32     | 104<br>46       | 101<br>49 | 102<br>24   | 101<br>44   | 0.78<br>73   | 25.8<br>64  | 7.7<br>50    | 13.7<br>103         | 43.7<br>28 | 39<br>100     | 212<br>29  | -73<br>16 | 27.0<br>32       | -8.5<br>53   | 0.4<br>27  | 30.3<br>58 | -1<br>32    | 41<br>90  | 0.60<br>27  | 6.3<br>27   | 0.23<br>25  |      |
| KDL 190144 | R 1    | KDL 119195<br>KHC 100057 | 109<br>69                   | 95<br>68   | 90<br>59   | 98<br>32     | 111<br>47       | 98<br>51  | 88<br>23    | 95<br>45    | 1.39<br>74   | 24.8<br>68  | 3.1<br>59    | 10.3<br>92          | 38.2<br>30 | 40<br>32      | 163<br>90  | -66<br>12 | 16.8<br>34       | -3.1<br>54   | -5.4<br>30 | 26.1<br>58 | 0<br>35     | 39<br>100 | 0.33<br>12  | 3.6<br>12   | -0.13<br>11 |      |
| KDL 190155 | R 1    | PHD 130015<br>KDL 150129 | 107<br>68                   | 83<br>59   | 85<br>58   | 115<br>35    | 93<br>44        | 80<br>48  | 87<br>24    | 79<br>43    | 1.59<br>73   | 18.4<br>59  | 1.7<br>58    | 7.3<br>84           | 27.3<br>33 | 20<br>85      | 130<br>31  | -53<br>13 | 18.0<br>34       | -4.4<br>45   | 1.8<br>27  | 25.3<br>60 | -1<br>35    | 27<br>86  | 0.33<br>23  | 1.8<br>23   | 0.22<br>22  |      |
| KDL 200003 | R 2    | KDL 150133<br>KDL 170117 | 84<br>64                    | 105<br>61  | 110<br>44  | 98<br>28     | 108<br>37       | 107<br>44 |             |             | 2.38<br>70   | 29.8<br>61  | 8.6<br>44    | 15.7<br>108         | 46.9<br>24 | 39<br>105     | 219<br>23  | -56<br>12 | 25.9<br>25       | -9.5<br>35   | -4.2<br>22 | 21.6<br>55 | 0<br>26     | 48<br>96  | 0.70<br>19  | 6.9<br>19   | 0.45<br>18  |      |
| KDL 200009 | R 1    | KDL 150133<br>KDL 170139 | 129<br>68                   | 88<br>56   | 92<br>53   | 99<br>30     | 109<br>39       | 98<br>45  | 100<br>22   | 97<br>40    | -0.44<br>73  | 21.0<br>56  | 3.7<br>53    | 9.5<br>91           | 35.1<br>26 | 39<br>30      | 214<br>25  | -50<br>16 | 26.7<br>27       | -6.3<br>36   | -4.6<br>25 | 23.9<br>56 | 0<br>28     | 48<br>97  | 0.62<br>22  | 6.4<br>22   | 0.11<br>22  |      |
| KDL 200012 | R      | PHD 130015<br>KDL 101058 | 113<br>71                   | 99<br>67   | 108<br>62  | 101<br>38    | 116<br>46       | 114<br>52 | 95<br>22    | 110<br>46   | 1.17<br>74   | 26.5<br>67  | 8.3<br>62    | 14.4<br>105         | 43.7<br>34 | 35<br>101     | 196<br>31  | -83<br>11 | 23.3<br>35       | -15.2<br>48  | -4.7<br>29 | 24.3<br>60 | 0<br>36     | 50<br>106 | 0.68<br>18  | 6.3<br>18   | 0.27<br>17  |      |
| KDL 200019 | R      | PHD 130015<br>KDL 120065 | 109<br>71                   | 103<br>68  | 101<br>63  | 105<br>41    | 98<br>48        | 108<br>54 | 96<br>30    | 105<br>49   | 1.86<br>75   | 28.8<br>68  | 6.1<br>63    | 13.7<br>102         | 45.3<br>38 | 31<br>41      | 187<br>96  | -70<br>23 | 24.8<br>37       | 6.7<br>49    | -3.0<br>35 | 25.7<br>60 | 0<br>38     | 50<br>103 | 0.61<br>30  | 5.8<br>30   | 0.29<br>28  |      |
| KDL 200024 | R 2    | PHD 130015<br>KD 070559  | 71<br>72                    | 88<br>70   | 114<br>64  | 115<br>39    | 105<br>48       | 89<br>54  | 81<br>32    | 86<br>50    | 2.77<br>75   | 21.0<br>70  | 10.0<br>64   | 13.6<br>105         | 31.3<br>36 | 18<br>39      | 119<br>80  | -50<br>26 | 14.1<br>37       | -12.1<br>49  | -1.1<br>34 | 24.4<br>61 | -1<br>38    | 29<br>37  | 0.34<br>26  | 0.9<br>26   | -0.13<br>25 |      |
| KDL 200026 | R 1    | PHD 130015<br>BAR 090013 | 93<br>69                    | 84<br>69   | 107<br>63  | 114<br>37    | 89<br>44        | 83<br>52  | 89<br>24    | 82<br>46    | 1.41<br>73   | 19.1<br>69  | 7.8<br>63    | 11.5<br>99          | 31.2<br>37 | 20<br>85      | 149<br>33  | -65<br>13 | 17.5<br>36       | 2.4<br>47    | -0.3<br>27 | 19.7<br>59 | -1<br>35    | 31<br>93  | 0.42<br>22  | 1.9<br>22   | -0.44<br>20 |      |
| KDL 200029 | R 2    | PHD 130015<br>KDL 140149 | 82<br>68                    | 109<br>65  | 111<br>60  | 100<br>35    | 96<br>43        | 106<br>50 | 101<br>24   | 105<br>45   | 2.99<br>73   | 31.6<br>65  | 9.1<br>60    | 16.6<br>110         | 49.0<br>33 | 36<br>107     | 204<br>30  | -77<br>14 | 26.5<br>34       | -4.3<br>44   | 0.1<br>26  | 24.1<br>58 | 0<br>35     | 48<br>101 | 0.76<br>24  | 6.7<br>24   | 0.60<br>23  |      |
| KDL 210001 | R      | E 180213<br>KDL 120165   | 122<br>66                   | 74<br>64   | 85<br>54   | 102<br>26    | 100<br>32       | 75<br>45  | 95<br>22    | 76<br>40    | -1.56<br>71  | 13.9<br>64  | 1.7<br>54    | 5.8<br>81           | 24.4<br>36 | 35<br>26      | 184<br>95  | -82<br>18 | 15.3<br>27       | 5.3<br>28    | -4.5<br>22 | 23.1<br>46 | -1<br>27    | 29<br>83  | 0.39<br>24  | 3.6<br>24   | 0.07<br>24  |      |
| KDL 210002 | B      | E 180213<br>KDL 150075   | 89<br>65                    | 93<br>65   | 84<br>50   | 101<br>29    | 110<br>38       | 86<br>46  | 96<br>25    | 86<br>42    | 1.68<br>72   | 23.3<br>65  | 1.3<br>50    | 8.6<br>87           | 35.9<br>36 | 37<br>29      | 183<br>28  | -63<br>21 | 14.8<br>29       | -2.0<br>38   | -5.5<br>27 | 26.2<br>48 | -1<br>30    | 28<br>81  | 0.36<br>28  | 3.3<br>28   | -0.19<br>26 |      |
| KDL 210008 | R 1    | E 180213<br>KDL 140149   | 95<br>65                    | 97<br>64   | 100<br>47  | 91<br>31     | 94<br>38        | 90<br>46  | 109<br>26   | 93<br>42    | 1.25<br>72   | 25.5<br>64  | 5.8<br>47    | 12.4<br>99          | 42.8<br>39 | 49<br>31      | 248<br>110 | -89<br>20 | 21.9<br>33       | 6.2<br>37    | -1.0<br>26 | 27.3<br>52 | -1<br>34    | 40<br>90  | 0.69<br>30  | 6.7<br>30   | 0.40<br>28  |      |

Cows

Inbreeding in red is high

EBV  
Acc Index

Breeding values with an accuracy < 5% are not printed

| Cow               |                |                   | Selection Values (SV / Acc) |            |            |              |                 |           |             | Calf Weight |              | Mother      |              | Growth & Efficiency |            |               |      | Fertility |                  |              |           | Frame     |             | Carcass |        |             |           |      |
|-------------------|----------------|-------------------|-----------------------------|------------|------------|--------------|-----------------|-----------|-------------|-------------|--------------|-------------|--------------|---------------------|------------|---------------|------|-----------|------------------|--------------|-----------|-----------|-------------|---------|--------|-------------|-----------|------|
| ID Name           |                | Sire ID<br>Dam ID | Calf Ease                   | Calf Grwth | Milk Value | Maint. Value | Fertility Value | Cow Value | Grwth Value | Prod. Value | Birth Weight | Wean Weight | Milk Wn.Mat. | Comb Mat.           | 12m weight | Mature Weight | ADG  | FCR       | Scrotal Circumf. | Heifer Fert. | Cow Fert. | Longevity | Frame Score | Length  | Dress% | RMeat Yield | Marb-ling |      |
| Colour<br>% Inbr. | Breed average: |                   |                             |            |            |              |                 |           |             |             | 1.52         | 27.1        | 5.9          | 13.0                | 43.3       | 38            | 206  | -81       | 22.0             | -1.1         | -2.7      | 22.8      | 0           | 45      | 0.59   | 6.0         | 0.28      |      |
|                   | Shaded EBVi    |                   |                             |            |            |              |                 |           |             |             | 90-110       | >100        | >100         | >100                | >100       | 90-110        | >100 | >100      | >100             | >100         | >100      | >100      | >100        | 90-110  | 90-110 | >100        | >100      | >100 |
|                   | <75            | 75 - 125          | >125                        |            |            |              |                 |           |             |             |              |             |              |                     |            |               |      |           |                  |              |           |           |             |         |        |             |           |      |
| KDL 210017        | R              | E 180213          | 100                         | 93         | 93         | 94           | 112             | 93        | 104         | 94          | 1.04         | 23.5        | 3.9          | 10.4                | 38.7       | 45            | 229  | -80       | 20.1             | -0.5         | -5.9      | 28.6      | -1          | 41      | 0.53   | 5.5         | -0.08     |      |
| KDL2117           |                | KDL 170098        | 66                          | 66         | 54         | 30           | 37              | 47        | 26          | 43          | 72           | 105         | 54           | 93                  | 38         | 94            | 30   | 106       | 29               | 105          | 21        | 100       | 30          | 96      | 28     | 97          | 27        | 95   |
| KDL 210020        | B 1            | E 180213          | 100                         | 79         | 106        | 98           | 97              | 78        | 102         | 81          | 0.13         | 16.3        | 7.5          | 10.5                | 30.3       | 39            | 214  | -81       | 16.9             | 3.4          | -1.3      | 27.4      | -1          | 29      | 0.47   | 3.9         | 0.01      |      |
| KDL2120           |                | KDL 150174        | 65                          | 67         | 50         | 32           | 40              | 48        | 28          | 44          | 72           | 115         | 50           | 106                 | 40         | 83            | 32   | 101       | 33               | 102          | 22        | 100       | 35          | 84      | 35     | 84          | 31        | 94   |
| KDL 210027        | B              | E 180213          | 90                          | 94         | 86         | 96           | 85              | 78        | 105         | 81          | 1.86         | 24.2        | 1.9          | 9.4                 | 38.5       | 43            | 235  | -91       | 18.5             | 15.6         | -2.0      | 21.1      | -1          | 35      | 0.56   | 4.8         | -0.37     |      |
| KDL2127           |                | BAR 090013        | 63                          | 59         | 51         | 32           | 40              | 45        | 28          | 42          | 71           | 96          | 51           | 86                  | 43         | 94            | 32   | 104       | 34               | 107          | 19        | 105       | 34          | 92      | 28     | 98          | 26        | 92   |
| KDL 210034        | B              | E 180213          | 92                          | 106        | 87         | 85           | 117             | 101       | 107         | 102         | 2.27         | 30.4        | 2.0          | 11.5                | 48.2       | 58            | 259  | -100      | 21.8             | -2.1         | -6.5      | 31.0      | 0           | 48      | 0.70   | 7.7         | 0.23      |      |
| KDL2134           |                | KDL 190102        | 62                          | 63         | 43         | 30           | 38              | 45        | 24          | 41          | 70           | 92          | 43           | 87                  | 37         | 106           | 30   | 117       | 28               | 112          | 18        | 109       | 30          | 100     | 25     | 105         | 24        | 99   |
| KDL 210040        | B              | E 180213          | 91                          | 106        | 108        | 82           | 110             | 105       | 111         | 106         | 1.44         | 30.3        | 8.0          | 15.5                | 50.0       | 60            | 282  | -100      | 25.2             | 7.6          | -7.1      | 28.9      | 0           | 55      | 0.82   | 9.5         | 0.56      |      |
| KDL2140           |                | KDL 170068        | 64                          | 53         | 44         | 29           | 34              | 41        | 23          | 37          | 71           | 101         | 44           | 108                 | 36         | 108           | 29   | 119       | 27               | 117          | 17        | 109       | 29          | 106     | 24     | 111         | 23        | 104  |
| KDL 220001        | B              | E 180213          | 95                          | 102        | 93         | 91           | 100             | 95        | 110         | 97          | 1.60         | 28.0        | 3.8          | 11.9                | 45.7       | 49            | 253  | -89       | 24.0             | 3.8          | -1.3      | 31.0      | -1          | 40      | 0.67   | 7.1         | 0.35      |      |
| KDL2201           |                | KDL 190140        | 62                          | 56         | 41         | 30           | 37              | 42        | 24          | 38          | 70           | 99          | 56           | 102                 | 37         | 103           | 30   | 109       | 29               | 111          | 19        | 104       | 31          | 87      | 28     | 104         | 26        | 101  |
| KDL 220005        | B              | E 180213          | 102                         | 98         | 86         | 92           | 102             | 92        | 102         | 93          | 1.58         | 26.3        | 1.8          | 10.0                | 41.7       | 48            | 223  | -85       | 18.3             | 6.5          | -4.2      | 26.6      | -1          | 37      | 0.51   | 5.4         | 0.14      |      |
| KDL2205           |                | KDL 190144        | 62                          | 64         | 44         | 30           | 37              | 45        | 24          | 41          | 70           | 99          | 44           | 86                  | 37         | 98            | 30   | 109       | 29               | 104          | 18        | 102       | 32          | 91      | 24     | 96          | 24        | 98   |
| KDL 220007        | B              | E 180213          | 106                         | 84         | 86         | 99           | 102             | 80        | 96          | 81          | 0.60         | 18.9        | 1.7          | 7.5                 | 31.2       | 40            | 188  | -70       | 14.4             | 6.5          | -3.9      | 27.9      | -1          | 28      | 0.36   | 3.2         | -0.16     |      |
| KDL2207           |                | KDL 190127        | 58                          | 56         | 43         | 27           | 35              | 41        | 24          | 38          | 69           | 110         | 43           | 86                  | 36         | 85            | 27   | 102       | 27               | 96           | 19        | 95        | 29          | 82      | 26     | 88          | 25        | 94   |
| KDL 220010        | B 1            | E 180213          | 97                          | 91         | 99         | 93           | 95              | 85        | 107         | 87          | 1.03         | 22.5        | 5.5          | 11.1                | 37.9       | 45            | 240  | -89       | 20.4             | 5.4          | -1.7      | 25.1      | -1          | 37      | 0.60   | 5.7         | 0.18      |      |
| KDL2210           |                | KDL 150174        | 62                          | 66         | 50         | 32           | 40              | 47        | 28          | 43          | 71           | 105         | 50           | 99                  | 40         | 93            | 32   | 106       | 33               | 108          | 22        | 104       | 35          | 90      | 31     | 100         | 29        | 99   |
| KDL 220015        | B              | E 180213          | 96                          | 102        | 78         | 95           | 110             | 95        | 101         | 95          | 1.79         | 28.4        | -0.4         | 9.2                 | 43.1       | 45            | 211  | -72       | 18.6             | 0.5          | -6.0      | 26.7      | -1          | 37      | 0.51   | 5.4         | 0.01      |      |
| KDL2215           |                | KDL 150075        | 62                          | 66         | 50         | 29           | 38              | 46        | 25          | 42          | 71           | 97          | 50           | 78                  | 36         | 100           | 29   | 106       | 28               | 101          | 21        | 96        | 30          | 88      | 28     | 96          | 26        | 96   |
| KDL 220017        | B              | E 180213          | 98                          | 100        | 97         | 86           | 95              | 92        | 109         | 95          | 1.46         | 27.1        | 5.1          | 12.4                | 45.1       | 55            | 255  | -90       | 23.8             | 8.7          | -3.0      | 24.2      | 0           | 49      | 0.62   | 7.3         | 0.33      |      |
| KDL2217           |                | KDL 150162        | 62                          | 65         | 49         | 32           | 39              | 46        | 28          | 42          | 71           | 101         | 49           | 97                  | 39         | 102           | 32   | 114       | 31               | 111          | 23        | 105       | 33          | 95      | 30     | 101         | 28        | 101  |
| KDL 220021        | B              | E 180213          | 91                          | 103        | 98         | 88           | 86              | 90        | 110         | 92          | 1.87         | 28.4        | 5.3          | 13.0                | 46.4       | 53            | 259  | -97       | 24.1             | 14.2         | -1.0      | 23.7      | 0           | 44      | 0.66   | 7.4         | 0.67      |      |
| KDL2221           |                | KDL 140229        | 62                          | 67         | 50         | 30           | 40              | 47        | 26          | 43          | 71           | 96          | 50           | 98                  | 38         | 104           | 30   | 113       | 31               | 112          | 19        | 108       | 34          | 94      | 29     | 103         | 29        | 106  |
| KDL 220023        | B              | E 180213          | 92                          | 97         | 96         | 95           | 77              | 82        | 107         | 85          | 1.59         | 25.5        | 4.7          | 11.6                | 42.5       | 44            | 239  | -90       | 20.9             | 22.3         | 0.0       | 23.0      | -1          | 37      | 0.60   | 6.0         | 0.22      |      |
| KDL2223           |                | KDL 150169        | 62                          | 66         | 47         | 31           | 39              | 46        | 26          | 42          | 71           | 99          | 47           | 96                  | 38         | 99            | 31   | 105       | 31               | 108          | 18        | 105       | 33          | 87      | 29     | 100         | 28        | 99   |
| KDL 220024        | B 1            | E 180213          | 88                          | 98         | 98         | 85           | 104             | 90        | 107         | 92          | 2.12         | 26.1        | 5.3          | 12.3                | 41.3       | 57            | 240  | -81       | 17.6             | -1.6         | -4.0      | 23.6      | 0           | 43      | 0.57   | 6.2         | -0.22     |      |
| KDL2224           |                | KD 100943         | 64                          | 68         | 52         | 34           | 43              | 49        | 28          | 45          | 72           | 94          | 52           | 98                  | 40         | 97            | 34   | 116       | 31               | 108          | 22        | 100       | 33          | 96      | 28     | 99          | 27        | 93   |
| KDL 220027        | B              | E 180213          | 97                          | 104        | 81         | 95           | 103             | 96        | 106         | 97          | 1.99         | 29.3        | 0.4          | 10.0                | 45.1       | 45            | 237  | -60       | 20.5             | 3.6          | -5.4      | 23.0      | -1          | 41      | 0.64   | 6.2         | 0.13      |      |
| KDL2227           |                | KDL 170115        | 59                          | 65         | 46         | 30           | 36              | 45        | 26          | 41          | 69           | 95          | 46           | 81                  | 38         | 102           | 30   | 106       | 29               | 107          | 21        | 90        | 30          | 97      | 28     | 102         | 28        | 98   |
| KDL 220029        | B              | E 180213          | 91                          | 99         | 84         | 91           | 88              | 82        | 106         | 84          | 2.27         | 26.4        | 1.3          | 9.7                 | 41.0       | 50            | 232  | -83       | 19.4             | 14.2         | -1.5      | 24.6      | -1          | 38      | 0.56   | 5.4         | -0.19     |      |
| KDL2229           |                | KDL 170076        | 60                          | 66         | 47         | 31           | 38              | 46        | 26          | 42          | 70           | 92          | 47           | 84                  | 38         | 97            | 31   | 111       | 30               | 106          | 21        | 101       | 31          | 95      | 28     | 98          | 28        | 94   |
| KDL 220030        | B              | E 180213          | 97                          | 103        | 92         | 91           | 92              | 93        | 111         | 95          | 1.39         | 28.5        | 3.5          | 11.8                | 47.0       | 50            | 258  | -90       | 23.9             | 7.6          | -0.6      | 27.2      | -1          | 42      | 0.68   | 7.4         | 0.28      |      |
| KDL2230           |                | KDL 140124        | 62                          | 66         | 49         | 32           | 40              | 47        | 28          | 43          | 71           | 101         | 49           | 92                  | 40         | 105           | 32   | 110       | 32               | 112          | 21        | 105       | 35          | 90      | 31     | 104         | 31        | 106  |
| KDL 220031        | B              | E 180213          | 91                          | 99         | 90         | 95           | 101             | 91        | 103         | 92          | 2.19         | 26.9        | 2.9          | 10.9                | 41.0       | 44            | 223  | -76       | 18.9             | 7.5          | -5.2      | 23.5      | -1          | 39      | 0.51   | 5.5         | 0.18      |      |
| KDL2231           |                | KDL 150187        | 61                          | 66         | 49         | 29           | 38              | 46        | 24          | 42          | 70           | 93          | 49           | 90                  | 36         | 97            | 29   | 105       | 28               | 104          | 20        | 98        | 30          | 90      | 26     | 96          | 26        | 99   |
| KDL 220033        | B              | E 180213          | 85                          | 104        | 97         | 91           | 101             | 96        | 109         | 98          | 2.26         | 29.4        | 5.1          | 13.2                | 46.9       | 49            | 256  | -81       | 23.5             | 3.3          | -3.7      | 24.9      | -1          | 43      | 0.72   | 7.4         | 0.46      |      |
| KDL2233           |                | KDL 200003        | 58                          | 55         | 39         | 30           | 34              | 40        | 24          | 37          | 69           | 92          | 39           | 97                  | 36         | 105           | 30   | 109       | 27               | 111          | 18        | 100       | 29          | 90      | 26     | 106         | 25        | 102  |
| KDL 220036        | B              | E 180213          | 93                          | 103        | 88         | 94           | 92              | 92        | 106         | 93          | 2.27         | 28.8        | 2.4          | 11.2                | 45.5       | 45            | 238  | -85       | 21.3             | 17.6         | -3.2      | 27.3      | -1          | 44      | 0.58   | 6.4         | 0.14      |      |
| KDL2236           |                | KDL 120065        | 63                          | 57         | 51         | 37           | 43              | 46        | 32          | 43          | 71           | 92          | 51           | 88                  | 43         | 103           | 37   | 106       | 36               | 107          | 27        | 102       | 38          | 93      | 34     | 99          | 33        | 98   |

# Cows

Inbreeding in red is high

EBV  
Acc Index

Breeding values with an accuracy < 5% are not printed

| Cow        |        |            |        | Selection Values (SV / Acc) |            |            |              |                 |           |             | Calf Weight |              | Mother      |              | Growth & Efficiency |            |               |      | Fertility |                  |              |           | Frame     |             | Carcass |        |             |           |      |      |     |
|------------|--------|------------|--------|-----------------------------|------------|------------|--------------|-----------------|-----------|-------------|-------------|--------------|-------------|--------------|---------------------|------------|---------------|------|-----------|------------------|--------------|-----------|-----------|-------------|---------|--------|-------------|-----------|------|------|-----|
| ID         | Colour | Sire ID    | Dam ID | Calf Ease                   | Calf Grwth | Milk Value | Maint. Value | Fertility Value | Cow Value | Grwth Value | Prod. Value | Birth Weight | Wean Weight | Milk Wn.Mat. | Comb Mat.           | 12m weight | Mature Weight | ADG  | FCR       | Scrotal Circumf. | Heifer Fert. | Cow Fert. | Longevity | Frame Score | Length  | Dress% | RMeat Yield | Marb-ling |      |      |     |
| Name       |        |            |        | Breed average:              |            |            |              |                 |           |             |             |              | 1.52        | 27.1         | 5.9                 | 13.0       | 43.3          | 38   | 206       | -81              | 22.0         | -1.1      | -2.7      | 22.8        | 0       | 45     | 0.59        | 6.0       | 0.28 |      |     |
|            |        |            |        | <75                         | 75 - 125   | >125       | Shaded EBVi  |                 |           |             | 90-110      | >100         | >100        | >100         | >100                | >100       | >100          | >100 | >100      | >100             | >100         | >100      | >100      | >100        | >100    | 90-110 | 90-110      | >100      | >100 | >100 |     |
| KDL 230002 | R      | E 180213   |        | 106                         | 94         | 96         | 85           | 106             | 92        | 106         | 94          | 0.61         | 24.1        | 4.8          | 11.2                | 41.2       | 57            | 249  | -93       | 21.2             | 5.5          | -4.4      | 30.4      | 0           | 46      | 0.67   | 7.2         | 0.27      |      |      |     |
| KDL2302    |        | KDL 190065 |        | 59                          | 56         | 44         | 30           | 37              | 42        | 24          | 38          | 69           | 110         | 44           | 96                  | 37         | 97            | 30   | 117       | 28               | 110          | 18        | 106       | 30          | 98      | 26     | 104         | 26        | 105  | 24   | 100 |
| KDL 230003 | B      | E 180213   |        | 100                         | 97         | 101        | 94           | 110             | 99        | 105         | 100         | 1.28         | 25.6        | 6.1          | 12.6                | 42.9       | 45            | 238  | -92       | 21.3             | -2.1         | -4.6      | 27.7      | -1          | 42      | 0.68   | 6.6         | 0.32      |      |      |     |
| KDL2303    |        | KDL 190038 |        | 54                          | 57         | 45         | 32           | 38              | 42        | 24          | 38          | 60           | 103         | 45           | 101                 | 38         | 99            | 32   | 106       | 29               | 107          | 18        | 106       | 32          | 93      | 26     | 104         | 26        | 103  | 24   | 101 |
| KDL 230004 | B      | E 180213   |        | 97                          | 98         | 97         | 91           | 98              | 92        | 110         | 95          | 1.10         | 26.1        | 5.1          | 12.1                | 43.9       | 49            | 253  | -89       | 24.0             | 3.8          | -1.3      | 28.7      | -1          | 40      | 0.67   | 7.1         | 0.35      |      |      |     |
| KDL2304    |        | KDL 190140 |        | 54                          | 56         | 41         | 30           | 37              | 41        | 24          | 38          | 60           | 104         | 41           | 97                  | 37         | 101           | 30   | 109       | 29               | 111          | 19        | 104       | 31          | 87      | 28     | 104         | 28        | 105  | 26   | 101 |
| KDL 230006 | B 1    | E 180213   |        | 109                         | 96         | 99         | 81           | 108             | 96        | 110         | 98          | 0.56         | 25.1        | 5.6          | 12.1                | 43.0       | 62            | 267  | -97       | 21.1             | 2.4          | -4.8      | 28.4      | 0           | 50      | 0.72   | 8.1         | 0.15      |      |      |     |
| KDL2306    |        | KDL 190053 |        | 60                          | 57         | 44         | 31           | 38              | 43        | 24          | 39          | 70           | 110         | 44           | 99                  | 37         | 100           | 31   | 121       | 29               | 114          | 19        | 108       | 31          | 103     | 26     | 106         | 26        | 109  | 24   | 98  |
| KDL 230007 | B      | E 180213   |        | 107                         | 91         | 93         | 91           | 102             | 88        | 103         | 89          | 0.61         | 22.5        | 3.8          | 10.1                | 37.9       | 50            | 228  | -87       | 19.0             | 6.5          | -4.2      | 26.5      | -1          | 39      | 0.54   | 5.7         | 0.17      |      |      |     |
| KDL2307    |        | KDL 190144 |        | 60                          | 57         | 44         | 30           | 37              | 42        | 24          | 38          | 70           | 110         | 44           | 93                  | 37         | 93            | 30   | 110       | 29               | 105          | 18        | 103       | 32          | 93      | 24     | 97          | 24        | 99   | 24   | 99  |
| KDL 230012 | B 1    | E 180213   |        | 104                         | 85         | 103        | 94           | 95              | 83        | 106         | 86          | 0.11         | 19.4        | 6.7          | 10.9                | 35.0       | 45            | 238  | -89       | 20.1             | 5.2          | -1.7      | 24.8      | -1          | 36      | 0.59   | 5.5         | 0.17      |      |      |     |
| KDL2312    |        | KDL 150174 |        | 62                          | 67         | 50         | 32           | 40              | 47        | 28          | 43          | 71           | 115         | 50           | 103                 | 40         | 89            | 32   | 106       | 33               | 107          | 22        | 104       | 35          | 90      | 31     | 100         | 31        | 98   | 29   | 99  |
| KDL 230013 | B 1    | E 180213   |        | 94                          | 93         | 84         | 98           | 100             | 83        | 100         | 84          | 1.87         | 23.4        | 1.2          | 8.6                 | 36.5       | 41            | 209  | -80       | 15.6             | -2.2         | -2.0      | 23.7      | -1          | 30      | 0.36   | 3.8         | -0.02     |      |      |     |
| KDL2313    |        | KDL 200034 |        | 58                          | 64         | 44         | 29           | 35              | 44        | 24          | 40          | 69           | 96          | 44           | 84                  | 38         | 91            | 29   | 102       | 27               | 101          | 19        | 100       | 29          | 85      | 26     | 88          | 26        | 91   | 25   | 96  |
| KDL 230014 | B      | E 180213   |        | 90                          | 106        | 98         | 82           | 93              | 94        | 115         | 97          | 1.83         | 30.0        | 5.4          | 13.6                | 49.2       | 61            | 276  | -96       | 25.4             | 7.0          | -1.6      | 24.0      | 0           | 48      | 0.77   | 8.6         | 0.49      |      |      |     |
| KDL2314    |        | KDL 150096 |        | 62                          | 64         | 48         | 31           | 38              | 46        | 26          | 42          | 71           | 97          | 48           | 98                  | 39         | 107           | 31   | 119       | 31               | 116          | 20        | 107       | 34          | 96      | 30     | 109         | 30        | 111  | 28   | 103 |
| KDL 230015 | B      | E 180213   |        | 94                          | 103        | 108        | 87           | 110             | 105       | 113         | 106         | 1.28         | 28.4        | 8.3          | 15.0                | 46.6       | 54            | 276  | -95       | 27.9             | -0.4         | -6.1      | 25.7      | 0           | 55      | 0.87   | 9.5         | 0.73      |      |      |     |
| KDL2315    |        | KDL 170052 |        | 61                          | 65         | 46         | 30           | 37              | 45        | 24          | 41          | 70           | 102         | 46           | 108                 | 30         | 113           | 27   | 116       | 29               | 112          | 38        | 106       | 30          | 104     | 26     | 114         | 26        | 114  | 24   | 106 |
| KDL 230017 | B      | E 180213   |        | 84                          | 112        | 76         | 92           | 109             | 99        | 106         | 100         | 3.47         | 33.1        | -0.9         | 10.4                | 48.4       | 49            | 244  | -84       | 22.1             | 0.8          | -6.2      | 25.4      | 0           | 45      | 0.61   | 6.6         | 0.03      |      |      |     |
| KDL2317    |        | KDL 170098 |        | 60                          | 65         | 47         | 30           | 37              | 45        | 26          | 41          | 70           | 79          | 47           | 76                  | 38         | 106           | 30   | 110       | 29               | 109          | 21        | 102       | 30          | 96      | 28     | 101         | 28        | 103  | 27   | 97  |
| KDL 230019 | B      | E 180213   |        | 101                         | 86         | 83         | 101          | 102             | 80        | 94          | 81          | 1.16         | 20.1        | 1.0          | 7.3                 | 32.0       | 37            | 178  | -66       | 13.0             | 5.8          | -3.8      | 27.5      | -2          | 25      | 0.30   | 2.5         | -0.23     |      |      |     |
| KDL2319    |        | KDL 190127 |        | 58                          | 64         | 43         | 27           | 35              | 43        | 24          | 39          | 69           | 104         | 43           | 83                  | 36         | 86            | 27   | 99        | 27               | 94           | 19        | 93        | 28          | 81      | 26     | 85          | 26        | 86   | 25   | 93  |
| KDL 230020 | B      | E 180213   |        | 105                         | 100        | 97         | 94           | 95              | 97        | 107         | 98          | 1.19         | 27.2        | 4.9          | 12.3                | 45.1       | 45            | 241  | -89       | 23.1             | 11.7         | -3.1      | 26.3      | 0           | 45      | 0.69   | 6.9         | 0.39      |      |      |     |
| KDL2320    |        | KDL 200019 |        | 60                          | 65         | 46         | 33           | 38              | 46        | 26          | 42          | 70           | 103         | 46           | 97                  | 39         | 102           | 33   | 106       | 30               | 108          | 21        | 104       | 33          | 94      | 28     | 105         | 28        | 104  | 27   | 101 |
| KDL 230021 | B      | E 180213   |        | 93                          | 103        | 96         | 92           | 76              | 88        | 110         | 91          | 1.63         | 28.7        | 4.7          | 12.7                | 47.7       | 48            | 256  | -95       | 23.1             | 23.8         | -0.3      | 22.4      | -1          | 42      | 0.68   | 7.2         | 0.33      |      |      |     |
| KDL2321    |        | KDL 150169 |        | 62                          | 65         | 47         | 31           | 39              | 46        | 26          | 42          | 71           | 99          | 47           | 96                  | 38         | 106           | 31   | 109       | 31               | 111          | 18        | 107       | 33          | 92      | 29     | 104         | 29        | 105  | 28   | 101 |
| KDL 230023 | B      | E 180213   |        | 90                          | 93         | 96         | 99           | 91              | 83        | 103         | 85          | 1.72         | 23.4        | 4.7          | 10.9                | 38.2       | 38            | 216  | -84       | 18.6             | 9.0          | -1.7      | 23.4      | -1          | 33      | 0.56   | 4.5         | -0.02     |      |      |     |
| KDL2323    |        | KDL 200026 |        | 60                          | 65         | 46         | 32           | 36              | 45        | 25          | 41          | 70           | 98          | 46           | 96                  | 39         | 93            | 32   | 100       | 30               | 102          | 18        | 102       | 32          | 88      | 26     | 98          | 26        | 94   | 25   | 96  |
| KDL 230024 | B      | E 180213   |        | 87                          | 103        | 89         | 93           | 96              | 91        | 105         | 93          | 2.50         | 28.7        | 2.8          | 11.4                | 44.9       | 47            | 233  | -74       | 19.4             | 6.6          | -3.2      | 23.5      | -1          | 37      | 0.58   | 5.7         | 0.23      |      |      |     |
| KDL2324    |        | KDL 200033 |        | 58                          | 64         | 43         | 28           | 35              | 43        | 24          | 39          | 69           | 89          | 43           | 89                  | 36         | 102           | 28   | 107       | 28               | 106          | 18        | 97        | 29          | 87      | 26     | 99          | 26        | 99   | 25   | 99  |
| KDL 230027 | B      | E 180213   |        | 89                          | 93         | 101        | 89           | 101             | 86        | 103         | 88          | 1.42         | 23.4        | 6.3          | 12.0                | 38.8       | 51            | 217  | -76       | 19.7             | 7.3          | -3.9      | 27.2      | -1          | 39      | 0.53   | 5.3         | 0.10      |      |      |     |
| KDL2327    |        | KDL 150078 |        | 62                          | 65         | 50         | 30           | 39              | 46        | 27          | 42          | 71           | 101         | 50           | 101                 | 38         | 94            | 30   | 111       | 31               | 103          | 22        | 98        | 32          | 89      | 28     | 97          | 28        | 97   | 27   | 98  |
| KDL 230028 | B 25   | E 180213   |        | 109                         | 87         | 85         | 96           | 97              | 80        | 104         | 83          | 0.36         | 20.3        | 1.5          | 7.7                 | 33.6       | 43            | 223  | -89       | 16.1             | 9.7          | -3.6      | 25.2      | -2          | 29      | 0.49   | 4.6         | 0.17      |      |      |     |
| KDL2328    |        | KDL 210001 |        | 59                          | 63         | 43         | 29           | 33              | 43        | 24          | 39          | 69           | 112         | 43           | 85                  | 38         | 88            | 29   | 104       | 28               | 104          | 19        | 104       | 29          | 80      | 26     | 95          | 26        | 95   | 26   | 99  |
| KDL 230029 | B      | E 180213   |        | 114                         | 99         | 90         | 91           | 107             | 100       | 109         | 101         | 0.63         | 26.6        | 2.9          | 10.8                | 43.9       | 50            | 257  | -68       | 23.3             | 3.9          | -6.2      | 24.8      | 0           | 48      | 0.69   | 7.4         | 0.14      |      |      |     |
| KDL2329    |        | KDL 170139 |        | 60                          | 64         | 44         | 30           | 36              | 44        | 26          | 40          | 70           | 109         | 44           | 90                  | 38         | 101           | 30   | 110       | 29               | 112          | 21        | 94        | 31          | 97      | 28     | 105         | 28        | 106  | 27   | 98  |
| KDL 230030 | B      | E 180213   |        | 105                         | 91         | 86         | 98           | 98              | 86        | 102         | 87          | 0.99         | 22.7        | 1.8          | 8.7                 | 37.6       | 40            | 219  | -83       | 17.2             | 1.6          | -3.1      | 22.3      | -1          | 32      | 0.48   | 4.6         | 0.00      |      |      |     |
| KDL2330    |        | KDL 170095 |        | 60                          | 65         | 43         | 28           | 36              | 44        | 24          | 40          | 70           | 106         | 43           | 86                  | 37         | 93            | 28   | 102       | 28               | 103          | 18        | 101       | 31          | 84      | 26     | 94          | 26        | 95   | 25   | 96  |
| KDL 230031 | B      | E 180213   |        | 99                          | 94         | 100        | 91           | 105             | 93        | 104         | 94          | 0.74         | 24.0        | 5.8          | 11.9                | 40.2       | 49            | 238  | -87       | 19.4             | 4.5          | -5.8      | 24.3      | 0           | 42      | 0.61   | 6.6         | 0.28      |      |      |     |
| KDL2331    |        | KDL 170104 |        | 59                          | 64         | 46         | 29           | 34              | 44        | 23          | 40          | 69           | 108         | 46           | 100                 | 36         | 96            | 29   | 109       | 27               | 107          | 17        | 103       | 28          | 95      | 24     | 101         | 24        | 102  | 23   | 100 |

# Cows

Inbreeding in red is high

EBV  
Acc Index

Breeding values with an accuracy < 5% are not printed

| Cow        |        |         |            | Selection Values (SV / Acc) |            |            |              |                 |           |             | Calf Weight |              | Mother      |              | Growth & Efficiency |            |               |      | Fertility |                  |              |           | Frame     |             | Carcass |        |             |           |       |     |
|------------|--------|---------|------------|-----------------------------|------------|------------|--------------|-----------------|-----------|-------------|-------------|--------------|-------------|--------------|---------------------|------------|---------------|------|-----------|------------------|--------------|-----------|-----------|-------------|---------|--------|-------------|-----------|-------|-----|
| ID         |        |         | Sire ID    | Calf Ease                   | Calf Grwth | Milk Value | Maint. Value | Fertility Value | Cow Value | Grwth Value | Prod. Value | Birth Weight | Wean Weight | Milk Wn.Mat. | Comb Mat.           | 12m weight | Mature Weight | ADG  | FCR       | Scrotal Circumf. | Heifer Fert. | Cow Fert. | Longevity | Frame Score | Length  | Dress% | RMeat Yield | Marb-ling |       |     |
| Name       | Colour | % Inbr. | Dam ID     | Breed average:              |            |            |              |                 |           |             | 1.52        | 27.1         | 5.9         | 13.0         | 43.3                | 38         | 206           | -81  | 22.0      | -1.1             | -2.7         | 22.8      | 0         | 45          | 0.59    | 6.0    | 0.28        |           |       |     |
|            |        |         |            | Shaded EBVi                 |            |            |              |                 |           |             | 90-110      | >100         | >100        | >100         | >100                | 90-110     | >100          | >100 | >100      | >100             | >100         | >100      | 90-110    | 90-110      | >100    | >100   | >100        |           |       |     |
|            |        |         |            | <75                         | 75 - 125   |            | >125         |                 |           |             |             |              |             |              |                     |            |               |      |           |                  |              |           |           |             |         |        |             |           |       |     |
| KDL 230032 | B      | E       | 180213     | 86                          | 111        | 105        | 80           | 107             | 106       | 113         | 107         | 2.05         | 32.7        | 7.2          | 15.7                | 52.6       | 63            | 292  | -103      | 26.6             | 8.8          | -7.4      | 26.2      | 1           | 59      | 0.87   | 10.2        | 0.62      |       |     |
| KDL2332    |        |         | KDL 170068 | 60                          | 62         | 44         | 29           | 34              | 43        | 23          | 39          | 70           | 94          | 62           | 111                 | 44         | 105           | 107  |           | 28               | 110          | 31        | 87        | 23          | 123     | 24     | 114         | 23        | 105   |     |
| KDL 230036 | B      | 1       | E          | 180213                      | 90         | 99         | 99           | 83              | 103       | 92          | 109         | 94           | 1.89        | 26.5         | 5.7                 | 12.6       | 42.4          | 59   | 250       | -84              | 18.9         | -1.2      | -4.1      | 23.0        | 0       | 46     | 0.62        | 6.9       | -0.16 |     |
| KDL2336    |        |         | KD 100943  | 59                          | 59         | 52         | 34           | 43              | 46        | 28          | 42          | 63           | 96          | 59           | 99                  | 40         | 99            | 34   | 118       | 31               | 110          | 22        | 102       | 33          | 99      | 33     | 102         | 28        | 101   |     |
| KDL 230038 | B      | 1       | E          | 180213                      | 90         | 99         | 99           | 83              | 103       | 92          | 109         | 94           | 1.89        | 26.5         | 5.7                 | 12.6       | 42.4          | 59   | 250       | -84              | 18.9         | -1.2      | -4.1      | 23.0        | 0       | 46     | 0.62        | 6.9       | -0.16 |     |
| KDL2338    |        |         | KD 100943  | 59                          | 59         | 52         | 34           | 43              | 46        | 28          | 42          | 63           | 96          | 59           | 99                  | 40         | 99            | 34   | 118       | 31               | 110          | 22        | 102       | 33          | 99      | 33     | 102         | 28        | 101   |     |
| KDL 230039 | B      |         | E          | 180213                      | 93         | 93         | 99           | 93              | 86        | 82          | 105         | 85           | 1.47        | 23.5         | 5.7                 | 11.6       | 39.1          | 46   | 235       | -90              | 20.8         | 12.1      | -0.5      | 23.2        | -1      | 36     | 0.54        | 5.7       | 0.50  |     |
| KDL2339    |        |         | KDL 140229 | 62                          | 66         | 50         | 30           | 40              | 47        | 26          | 43          | 70           | 100         | 66           | 93                  | 38         | 95            | 30   | 107       | 31               | 107          | 19        | 104       | 33          | 97      | 41     | 83          | 28        | 99    |     |
| KDL 230041 | B      |         | E          | 180213                      | 87         | 111        | 95           | 89              | 97        | 101         | 116         | 104          | 2.39        | 32.8         | 4.3                 | 13.8       | 52.2          | 52   | 280       | -75              | 26.1         | 7.4       | -3.4      | 24.7        | 0       | 48     | 0.85        | 8.9       | 0.64  |     |
| KDL2341    |        |         | KDL 150226 | 61                          | 65         | 48         | 30           | 38              | 46        | 26          | 42          | 70           | 91          | 65           | 111                 | 48         | 95            | 100  |           | 33               | 109          | 35        | 89        | 28          | 104     | 50     | 104         | 29        | 113   |     |
| KDL 230042 | B      |         | E          | 180213                      | 90         | 92         | 98           | 99              | 97        | 86          | 100         | 87           | 1.65        | 22.9         | 5.3                 | 11.2       | 36.8          | 38   | 206       | -79              | 17.6         | 7.2       | -2.1      | 27.6        | -1      | 34     | 0.54        | 4.3       | 0.17  |     |
| KDL2342    |        |         | KDL 190033 | 59                          | 57         | 44         | 32           | 38              | 43        | 26          | 40          | 69           | 99          | 57           | 92                  | 44         | 98            | 96   |           | 32               | 91           | 40        | 89        | 26          | 97      | 49     | 109         | 28        | 97    |     |
| KDL 230043 | B      |         | E          | 180213                      | 100        | 102        | 93           | 88              | 92        | 93          | 114         | 96           | 1.03        | 28.2         | 4.0                 | 12.0       | 47.3          | 53   | 271       | -94              | 25.6         | 8.3       | -0.7      | 26.6        | -1      | 46     | 0.74        | 8.3       | 0.36  |     |
| KDL2343    |        |         | KDL 140124 | 62                          | 58         | 48         | 32           | 40              | 45        | 28          | 42          | 70           | 105         | 58           | 102                 | 48         | 93            | 96   |           | 34               | 107          | 41        | 88        | 29          | 90      | 51     | 107         | 31        | 109   |     |
| KDL 240002 | R      |         | E          | 200041                      | 98         | 97         | 90           | 105             | 100       | 94          | 104         | 95           | 1.73        | 25.7         | 3.0                 | 10.6       | 40.2          | 31   | 217       | -86              | 24.0         | -2.6      | -1.2      | 25.7        | -1      | 37     | 0.63        | 6.2       | 0.83  |     |
| KDL2402    |        |         | KDL 190155 | 56                          | 48         | 37         | 25           | 31              | 37        | 20          | 34          | 68           | 98          | 48           | 97                  | 34         | 96            | 25   | 94        | 23               | 103          | 14        | 103       | 25          | 91      | 24     | 93          | 20        | 102   |     |
| KDL 240003 | R      |         | 019 AAN    | 104                         | 105        | 102        | 93           | 101             | 106       |             |             | 1.17         | 29.8        | 6.3          | 14.2                | 48.3       | 46            | 255  | -99       | 23.4             | 0.5          | -2.3      | 26.6      | 0           | 46      | 0.78   | 8.1         | 0.33      |       |     |
| KDL2403    |        |         | KDL 220001 | 48                          | 39         | 23         | 16           | 22              | 64        | 104         | 39          | 105          | 64          | 104          | 39                  | 105        | 23            | 102  | 103       |                  | 16           | 103       | 20        | 98          | 12      | 98     | 33          | 107       | 14    | 109 |
| KDL 240005 | R      |         | 019 AAN    | 91                          | 101        | 97         | 97           | 106             | 98        |             |             | 2.50         | 27.5        | 5.1          | 12.5                | 43.4       | 40            | 220  | -87       | 18.8             | -2.4         | -4.3      | 24.1      | -1          | 40      | 0.62   | 6.2         | 0.07      |       |     |
| KDL2405    |        |         | KDL 210002 | 49                          | 43         | 27         | 15           | 22              | 65        | 90          | 43          | 101          | 65          | 90           | 43                  | 101        | 20            | 100  | 15        | 102              | 15           | 103       | 11        | 103         | 16      | 93     | 14          | 101       | 14    | 97  |
| KDL 240013 | B      |         | E          | 200041                      | 115        | 97         | 106          | 87              | 114       | 106         |             |              | -0.02       | 25.4         | 7.6                 | 13.5       | 44.3          | 54   | 273       | -102             | 25.6         | -6.1      | -5.4      | 28.1        | 1       | 55     | 0.82        | 9.6       | 0.64  |     |
| KDL2413    |        |         | KDL 190053 | 57                          | 51         | 39         | 25           | 33              | 69        | 116         | 51          | 97           | 69          | 116          | 51                  | 97         | 39            | 106  | 103       |                  | 24           | 107       | 35        | 107         | 23      | 113    | 42          | 110       | 18    | 111 |
| KDL 240018 | B      |         | E          | 200041                      | 100        | 102        | 84           | 102             | 117       | 103         | 103         | 102          | 1.34        | 27.9         | 1.3                 | 10.2       | 42.9          | 36   | 219       | -78              | 23.4         | -8.4      | -6.5      | 25.7        | 0       | 41     | 0.60        | 6.8       | 0.49  |     |
| KDL2418    |        |         | KDL 150075 | 59                          | 51         | 45         | 22           | 33              | 69        | 102         | 51          | 102          | 69          | 102          | 51                  | 102        | 45            | 84   | 90        |                  | 23           | 103       | 34        | 110         | 23      | 118    | 42          | 105       | 21    | 100 |
| KDL 240019 | B      |         | E          | 200041                      | 90         | 98         | 99           | 103             | 102       | 96          | 106         | 97           | 1.85        | 26.3         | 5.6                 | 12.5       | 41.8          | 33   | 229       | -89              | 22.7         | -4.6      | -2.0      | 24.1        | -1      | 36     | 0.62        | 6.1       | 0.57  |     |
| KDL2419    |        |         | KDL 150174 | 59                          | 53         | 45         | 26           | 35              | 70        | 96          | 53          | 98           | 45          | 99           | 99                  |            | 26            | 96   | 27        | 105              | 29           | 101       | 37        | 105         | 33      | 96     | 26          | 101       | 24    | 104 |
| KDL 240020 | B      |         | E          | 200041                      | 90         | 113        | 93           | 96              | 106       | 109         |             |              | 2.54        | 33.9         | 3.8                 | 13.8       | 51.2          | 43   | 257       | -91              | 27.2         | 1.3       | -6.2      | 22.2        | 0       | 52     | 0.76        | 9.0       | 0.86  |     |
| KDL2420    |        |         | KDL 150187 | 58                          | 51         | 44         | 22           | 32              | 69        | 89          | 51          | 113          | 44          | 93           | 100                 |            | 32            | 110  | 22        | 105              | 21           | 112       | 16        | 105         | 22      | 111    | 33          | 97        | 22    | 108 |
| KDL 240022 | R      |         | E          | 200041                      | 92         | 104        | 105          | 97              | 107       | 106         |             |              | 1.58        | 29.3         | 7.2                 | 14.6       | 47.8          | 40   | 261       | -86              | 28.0         | -5.2      | -4.2      | 23.9        | 0       | 47     | 0.82        | 8.8       | 0.95  |     |
| KDL2422    |        |         | KDL 200003 | 55                          | 48         | 33         | 23           | 29              | 68        | 99          | 48          | 104          | 68          | 99           | 48                  | 104        | 33            | 106  | 23        | 102              | 21           | 113       | 13        | 103         | 22      | 112    | 28          | 105       | 18    | 109 |
| KDL 240026 | B      |         | E          | 200041                      | 91         | 106        | 105          | 94              | 99        | 103         | 114         | 105          | 1.59        | 30.1         | 7.2                 | 14.8       | 49.3          | 44   | 269       | -99              | 28.5         | -1.4      | -1.7      | 24.0        | 0       | 49     | 0.87        | 9.3       | 0.99  |     |
| KDL2426    |        |         | KDL 140149 | 60                          | 49         | 41         | 24           | 33              | 70        | 96          | 49          | 106          | 41          | 105          | 105                 |            | 46            | 108  | 24        | 106              | 26           | 114       | 16        | 109         | 28      | 99     | 27          | 104       | 24    | 114 |
| KDL 240028 | B      |         |            | 83                          | 104        | 84         | 97           | 80              | 83        |             |             | 2.86         | 29.3        | 1.3          | 10.7                | 40.3       | 43            | 176  | -143      | 20.0             | 11.0         | -4.4      | 4.7       | 0           | 41      | 0.33   | 4.8         | -0.18     |       |     |
| KDL2428    |        |         | KDL 210017 | 46                          | 33         | 27         | 15           | 18              | 59        | 86          | 33          | 104          | 59          | 86           | 33                  | 104        | 19            | 96   | 15        | 104              | 15           | 93        | 11        | 130         | 15      | 96     | 17          | 84        | 13    | 108 |
| KDL 240031 | B      |         | E          | 200041                      | 72         | 107        | 100          | 106             | 106       | 102         | 102         | 101          | 3.35        | 30.9         | 5.8                 | 14.2       | 46.2          | 30   | 212       | -84              | 22.0         | -6.5      | -2.6      | 25.3        | 0       | 38     | 0.64        | 5.8       | 0.66  |     |
| KDL2431    |        |         | KDL 200024 | 57                          | 51         | 40         | 27           | 32              | 69        | 80          | 51          | 107          | 69          | 80           | 51                  | 107        | 40            | 100  | 102       |                  | 26           | 100       | 32        | 107         | 22      | 100    | 42          | 105       | 22    | 102 |
| KDL 240033 | B      |         | E          | 200041                      | 91         | 113        | 97           | 91              | 101       | 108         | 112         | 109          | 2.42        | 33.8         | 5.1                 | 14.7       | 53.4          | 48   | 267       | -97              | 29.1         | 0.5       | -3.5      | 23.5        | 0       | 55     | 0.75        | 9.3       | 0.87  |     |
| KDL2433    |        |         | KDL 150162 | 58                          | 51         | 43         | 25           | 34              | 69        | 90          | 51          | 113          | 43          | 97           | 102                 |            | 36            | 113  | 25        | 109              | 25           | 114       | 20        | 108         | 26      | 115    | 36          | 98        | 24    | 108 |
| KDL 240038 | B      | 4       | E          | 200041                      | 119        | 87         | 94           | 99              | 103       | 91          |             |              | -0.67       | 20.3         | 4.1                 | 9.5        | 35.4          | 39   | 244       | -99              | 22.7         | 2.2       | -4.4      | 24.7        | -1      | 38     | 0.66        | 7.1       | 0.75  |     |
| KDL2438    |        |         | KDL 210001 | 54                          | 49         | 36         | 22           | 27              | 67        | 123         | 49          | 87           | 67          | 123          | 49                  | 87         | 36            | 94   | 92        |                  | 22           | 101       | 26        | 96          | 18      | 108    | 20          | 103       | 20    | 105 |

Cows

|            |        |            | Inbreeding in red is high   |            |            |              |                 |             |             | EBV<br>Acc Index |              | Breeding values with an accuracy < 5% are not printed |              |                     |            |               |      |           |                  |              |           |           |             |         |        |             |           |     |     |     |     |
|------------|--------|------------|-----------------------------|------------|------------|--------------|-----------------|-------------|-------------|------------------|--------------|-------------------------------------------------------|--------------|---------------------|------------|---------------|------|-----------|------------------|--------------|-----------|-----------|-------------|---------|--------|-------------|-----------|-----|-----|-----|-----|
| Cow        |        |            | Selection Values (SV / Acc) |            |            |              |                 |             |             | Calf Weight      |              | Mother                                                |              | Growth & Efficiency |            |               |      | Fertility |                  |              |           | Frame     |             | Carcass |        |             |           |     |     |     |     |
| ID         |        | Sire ID    | Calf Ease                   | Calf Grwth | Milk Value | Maint. Value | Fertility Value | Cow Value   | Grwth Value | Prod. Value      | Birth Weight | Wean Weight                                           | Milk Wn.Mat. | Comb Mat.           | 12m weight | Mature Weight | ADG  | FCR       | Scrotal Circumf. | Heifer Fert. | Cow Fert. | Longevity | Frame Score | Length  | Dress% | RMeat Yield | Marb-ling |     |     |     |     |
| Name       | Colour | % Inbr.    | Breed average:              |            |            |              |                 |             |             | 1.52             | 27.1         | 5.9                                                   | 13.0         | 43.3                | 38         | 206           | -81  | 22.0      | -1.1             | -2.7         | 22.8      | 0         | 45          | 0.59    | 6.0    | 0.28        |           |     |     |     |     |
|            |        |            | <75                         | 75 - 125   |            | >125         |                 | Shaded EBVi |             |                  |              | 90-110                                                | >100         | >100                | >100       | >100          | >100 | >100      | >100             | >100         | >100      | >100      | 90-110      | 90-110  | >100   | >100        | >100      |     |     |     |     |
|            |        |            |                             |            |            |              |                 |             |             |                  |              |                                                       |              |                     |            |               |      |           |                  |              |           |           |             |         |        |             |           |     |     |     |     |
| KDL 240039 | B      | E 200041   | 94                          | 113        | 94         | 95           | 98              | 108         | 116         | 109              | 1.87         | 33.9                                                  | 4.1          | 14.0                | 54.2       | 44            | 277  | -99       | 30.1             | -0.2         | -1.2      | 26.0      | 0           | 50      | 0.83   | 9.7         | 0.84      |     |     |     |     |
| KDL2439    |        | KDL 140124 | 59                          | 52         | 43         | 26           | 35              | 40          | 23          | 37               | 69           | 96                                                    | 52           | 113                 | 36         | 114           | 26   | 106       | 17               | 116          | 17        | 109       | 29          | 99      | 26     | 112         | 26        | 115 | 25  | 107 |     |
| KDL 250001 | B      | E 200041   | 75                          | 119        | 90         | 101          | 83              | 101         | 110         | 103              | 3.83         | 36.9                                                  | 3.0          | 14.3                | 55.7       | 37            | 249  | -97       | 25.9             | 14.0         | -0.6      | 21.7      | 0           | 42      | 0.72   | 7.8         | 0.74      |     |     |     |     |
| KDL2501    |        | KDL 150169 | 58                          | 51         | 41         | 24           | 34              | 39          | 20          | 35               | 69           | 75                                                    | 51           | 119                 | 35         | 116           | 24   | 99        | 25               | 110          | 14        | 108       | 27          | 94      | 24     | 106         | 24        | 107 | 22  | 106 |     |
| KDL 250002 | B      | E 200041   | 92                          | 110        | 101        | 97           | 105             | 109         | 116         | 111              | 1.85         | 32.1                                                  | 6.2          | 14.9                | 51.6       | 40            | 272  | -76       | 28.8             | -2.6         | -3.7      | 24.4      | 0           | 48      | 0.88   | 9.4         | 1.04      |     |     |     |     |
| KDL2502    |        | KDL 150226 | 53                          | 51         | 43         | 24           | 33              | 38          | 21          | 35               | 59           | 96                                                    | 51           | 110                 | 43         | 101           | 104  | 15        | 98               | 27           | 114       | 31        | 102         | 27      | 96     | 24          | 114       | 24  | 114 | 23  | 110 |
| KDL 250003 | B      | E 200041   | 92                          | 110        | 101        | 97           | 105             | 109         | 116         | 111              | 1.85         | 32.1                                                  | 6.2          | 14.9                | 51.6       | 40            | 272  | -76       | 28.8             | -2.6         | -3.7      | 24.4      | 0           | 48      | 0.88   | 9.4         | 1.04      |     |     |     |     |
| KDL2503    |        | KDL 150226 | 53                          | 51         | 43         | 24           | 33              | 38          | 21          | 35               | 59           | 96                                                    | 51           | 110                 | 43         | 101           | 104  | 15        | 98               | 27           | 114       | 31        | 102         | 27      | 96     | 24          | 114       | 24  | 114 | 23  | 110 |

# Selection List on Cow Values

## Bulls 2 years and older

| ID           | Name               | Sire ID  | Dam ID     | %<br>Inbreeding | Calving<br>Ease<br>Value<br>Acc | Calf<br>Growth<br>Value<br>Acc | Milk<br>Value<br>Acc | Maint.<br>Value<br>Acc | Fertility<br>Value<br>Acc | Cow<br>Value<br>Acc | Growth<br>Value<br>Acc | Prod<br>Value<br>Acc |  |
|--------------|--------------------|----------|------------|-----------------|---------------------------------|--------------------------------|----------------------|------------------------|---------------------------|---------------------|------------------------|----------------------|--|
| Sorted on ID |                    |          |            |                 |                                 |                                |                      |                        |                           |                     |                        |                      |  |
|              |                    |          |            |                 | ★★★★★                           |                                |                      |                        |                           |                     |                        |                      |  |
| 1            | KDL 230005 KDL2305 | E 180213 | KDL 190102 | 0.3             | 94 54                           | 103 56                         | 90 43                | 86 30                  | 115 37                    | 100 41              | 106 24                 | 100 38               |  |
| 2            | KDL 230035 KDL2335 | E 180213 | KDL 200012 | 0.3             | 95 60                           | 111 65                         | 94 45                | 86 32                  | 105 37                    | 106 45              | 112 24                 | 107 41               |  |
|              |                    |          |            |                 | ★★★★                            |                                |                      |                        |                           |                     |                        |                      |  |
| 1            | KDL 210004 KDL2104 | E 180213 | KD 100943  | 0.7             | 79 64                           | 113 67                         | 93 52                | 78 34                  | 105 43                    | 99 49               | 114 28                 | 101 45               |  |
| 2            | KDL 220020 KDL2220 | E 180213 | KDL 150096 | 0.5             | 91 62                           | 102 65                         | 99 48                | 83 31                  | 95 38                     | 92 46               | 114 26                 | 95 42                |  |
| 3            | KDL 230011 KDL2311 | E 180213 | KDL 150192 | 0.3             | 83 61                           | 106 57                         | 85 46                | 93 29                  | 113 39                    | 98 43               | 101 26                 | 98 40                |  |
| 4            | KDL 230016 KDL2316 | E 180213 | KDL 140149 | 0.5             | 87 62                           | 103 55                         | 99 47                | 88 31                  | 93 38                     | 93 43               | 112 26                 | 96 40                |  |
| 5            | KDL 230026 KDL2326 | E 180213 | KDL 200029 | 0.4             | 90 59                           | 102 64                         | 101 45               | 89 31                  | 96 36                     | 95 44               | 111 24                 | 97 40                |  |
| 6            | KDL 230033 KDL2333 | E 180213 | KDL 150162 | 0.2             | 98 62                           | 99 66                          | 97 49                | 85 32                  | 96 39                     | 92 47               | 110 28                 | 94 43                |  |
| 7            | KDL 230044 KDL2344 | E 180213 | KDL 200009 | 0.4             | 116 59                          | 92 53                          | 91 42                | 91 30                  | 102 35                    | 92 41               | 109 24                 | 94 38                |  |
|              |                    |          |            |                 | ★★★★                            |                                |                      |                        |                           |                     |                        |                      |  |
| 1            | KDL 210009 KDL2109 | E 180213 | KDL 140229 | 0.4             | 89 62                           | 95 67                          | 98 50                | 93 30                  | 87 40                     | 83 47               | 105 26                 | 85 43                |  |
| 2            | KDL 210010 KDL2110 | E 180213 | KDL 150078 | 0.5             | 81 62                           | 99 66                          | 97 50                | 88 30                  | 102 39                    | 89 47               | 104 27                 | 91 43                |  |
| 3            | KDL 210016 KDL2116 | E 180213 | KD 100948  | 1.3             | 90 63                           | 97 66                          | 87 50                | 94 32                  | 100 41                    | 86 47               | 99 27                  | 87 43                |  |
| 4            | KDL 220022 KDL2222 | E 180213 | KDL 150078 | 0.5             | 87 62                           | 95 67                          | 100 50               | 87 30                  | 103 39                    | 88 47               | 105 27                 | 90 43                |  |
| 5            | KDL 230008 KDL2308 | E 180213 | KDL 190043 | 0.3             | 86 60                           | 102 65                         | 80 46                | 90 31                  | 104 37                    | 87 45               | 105 24                 | 89 41                |  |
| 6            | KDL 230018 KDL2318 | E 180213 | KDL 200024 | 0.5             | 76 60                           | 99 65                          | 98 46                | 96 32                  | 100 37                    | 89 45               | 103 26                 | 90 41                |  |
| 7            | KDL 230025 KDL2325 | E 180213 | KDL 210017 | 25.3            | 101 59                          | 92 64                          | 93 43                | 88 30                  | 104 34                    | 88 44               | 111 25                 | 91 40                |  |
| 8            | KDL 230037 KDL2337 | E 180213 | KDL 170076 | 0.5             | 96 60                           | 104 65                         | 87 46                | 84 31                  | 88 38                     | 88 45               | 112 26                 | 91 41                |  |
|              |                    |          |            |                 | ★★                              |                                |                      |                        |                           |                     |                        |                      |  |
| 1            | KDL 210025 KDL2125 | E 180213 | KD 070559  | 0.6             | 95 64                           | 80 60                          | 93 52                | 104 35                 | 104 42                    | 76 47               | 92 33                  | 77 44                |  |

# Selection List on Cow Values

## Cows 2 years and older

| ID<br>Sorted on ID | Name       | Sire ID  | Dam ID     | %<br>Inbreeding | Calving<br>Ease<br>Value<br>Acc | Calf<br>Growth<br>Value<br>Acc | Milk<br>Value<br>Acc | Maint.<br>Value<br>Acc | Fertility<br>Value<br>Acc | Cow<br>Value<br>Acc | Growth<br>Value<br>Acc | Prod<br>Value<br>Acc |        |
|--------------------|------------|----------|------------|-----------------|---------------------------------|--------------------------------|----------------------|------------------------|---------------------------|---------------------|------------------------|----------------------|--------|
|                    |            |          |            |                 | ★★★★★★                          |                                |                      |                        |                           |                     |                        |                      |        |
| 1                  | KDL 170052 | KDL1752  | PHD 130015 | KDL 090174      | 0.0                             | 89 75                          | 113 67               | 125 65                 | 91 31                     | 128 45              | 129 52                 |                      |        |
| 2                  | KDL 170068 | KDL 1768 | KDL 119195 | KDL 090017      | 0.0                             | 91 72                          | 113 54               | 128 59                 | 79 28                     | 122 36              | 125 45                 |                      |        |
|                    |            |          |            |                 | ★★★★★                           |                                |                      |                        |                           |                     |                        |                      |        |
| 1                  | KDL 150187 | KDL15187 | KDL 120051 | KDL 090163      | 0.0                             | 85 75                          | 119 70               | 88 73                  | 95 27                     | 106 49              | 112 55                 | 98 24                | 109 49 |
| 2                  | KDL 150226 | KDL15226 | WB 100093  | KDL 090236      | 2.2                             | 92 76                          | 109 70               | 107 71                 | 98 32                     | 103 49              | 111 55                 | 109 28               | 110 50 |
| 3                  | KDL 170139 | KDL17139 | KDL 120033 | KDL 140270      | 6.4                             | 112 70                         | 107 63               | 84 56                  | 96 32                     | 121 43              | 113 49                 | 103 28               | 111 45 |
| 4                  | KDL 190038 | KDL1938  | PHD 130015 | KDL 101058      | 0.2                             | 109 70                         | 96 67                | 114 61                 | 104 38                    | 127 50              | 116 53                 | 92 22                | 111 47 |
| 5                  | KDL 190053 | KDL1953  | KDL 119195 | KD 100943       | 0.2                             | 113 72                         | 105 68               | 103 61                 | 78 36                     | 123 51              | 114 53                 | 102 23               | 112 47 |
| 6                  | KDL 190102 | KDL19102 | KDL 119195 | KDL 150192      | 8.8                             | 97 68                          | 108 64               | 93 56                  | 88 32                     | 138 47              | 116 50                 | 94 21                | 112 44 |
| 7                  | KDL 200012 | KDL2012  | PHD 130015 | KDL 101058      | 0.2                             | 113 71                         | 99 67                | 108 62                 | 101 38                    | 116 46              | 114 52                 | 95 22                | 110 46 |
|                    |            |          |            |                 | ★★★★★                           |                                |                      |                        |                           |                     |                        |                      |        |
| 1                  | KD 100943  | KD100943 | KD 050399  | KD 030146       | 0.6                             | 89 82                          | 99 75                | 111 80                 | 83 45                     | 114 64              | 100 63                 | 100 36               | 99 58  |
| 2                  | KDL 140124 | KDL14124 | WB 100093  | KDL 120052      | 0.4                             | 108 78                         | 107 71               | 98 71                  | 92 38                     | 91 56               | 104 58                 | 109 35               | 104 53 |
| 3                  | KDL 140176 | KDL14176 | JE 020032  | KDL 090115      | 0.0                             | 88 74                          | 102 65               | 84 64                  | 110 28                    | 113 48              | 100 52                 | 91 30                | 97 48  |
| 4                  | KDL 150162 | KDL15162 | KDL 120051 | KDL 120012      | 12.7                            | 100 76                         | 107 70               | 104 72                 | 86 37                     | 96 53               | 104 57                 | 103 34               | 104 52 |
| 5                  | KDL 150192 | KDL15192 | KDL 120016 | KDL 111065      | 0.3                             | 101 73                         | 91 67                | 97 65                  | 102 29                    | 133 53              | 103 53                 | 84 29                | 98 48  |
| 6                  | KDL 170098 | KDL1798  | KDL 120033 | KDL 140196      | 6.4                             | 107 71                         | 96 68                | 81 66                  | 104 32                    | 126 45              | 102 52                 | 92 28                | 99 47  |
| 7                  | KDL 190065 | KDL1965  | KDL 119195 | KDL 150078      | 0.4                             | 107 70                         | 102 66               | 97 58                  | 86 32                     | 120 47              | 107 51                 | 95 22                | 104 45 |
| 8                  | KDL 190140 | KDL19140 | KDL 150133 | KDL 140124      | 13.6                            | 101 68                         | 97 64                | 106 50                 | 98 32                     | 104 46              | 101 49                 | 102 24               | 101 44 |
| 9                  | KDL 200003 | KDL2003  | KDL 150133 | KDL 170117      | 1.8                             | 84 64                          | 105 61               | 110 44                 | 98 28                     | 108 37              | 107 44                 |                      |        |
| 10                 | KDL 200019 | KDL2019  | PHD 130015 | KDL 120065      | 0.4                             | 109 71                         | 103 68               | 101 63                 | 105 41                    | 98 48               | 108 54                 | 96 30                | 105 49 |
| 11                 | KDL 200029 | KDL2029  | PHD 130015 | KDL 140149      | 1.6                             | 82 68                          | 109 65               | 111 60                 | 100 35                    | 96 43               | 106 50                 | 101 24               | 105 45 |
| 12                 | KDL 210034 | KDL2134  | E 180213   | KDL 190102      | 0.3                             | 92 62                          | 106 63               | 87 43                  | 85 30                     | 117 38              | 101 45                 | 107 24               | 102 41 |
| 13                 | KDL 210040 | KDL2140  | E 180213   | KDL 170068      | 0.1                             | 91 64                          | 106 53               | 108 44                 | 82 29                     | 110 34              | 105 41                 | 111 23               | 106 37 |
| 14                 | KDL 230015 | KDL2315  | E 180213   | KDL 170052      | 0.1                             | 94 61                          | 103 65               | 108 46                 | 87 30                     | 110 37              | 105 45                 | 113 24               | 106 41 |
| 15                 | KDL 230029 | KDL2329  | E 180213   | KDL 170139      | 0.3                             | 114 60                         | 99 64                | 90 44                  | 91 30                     | 107 36              | 100 44                 | 109 26               | 101 40 |
| 16                 | KDL 230032 | KDL2332  | E 180213   | KDL 170068      | 0.1                             | 86 60                          | 111 62               | 105 44                 | 80 29                     | 107 34              | 106 43                 | 113 23               | 107 39 |
| 17                 | KDL 230041 | KDL2341  | E 180213   | KDL 150226      | 0.3                             | 87 61                          | 111 65               | 95 48                  | 89 30                     | 97 38               | 101 46                 | 116 26               | 104 42 |
|                    |            |          |            |                 | ★★★                             |                                |                      |                        |                           |                     |                        |                      |        |

# Selection List on Cow Values

## Cows 2 years and older

| ID<br>Name<br>Sorted on ID |            |            | Sire ID    | Dam ID     | %<br>Inbreeding | Calving<br>Ease<br>Value<br>Acc | Calf<br>Growth<br>Value<br>Acc | Milk<br>Value<br>Acc | Maint.<br>Value<br>Acc | Fertility<br>Value<br>Acc | Cow<br>Value<br>Acc | Growth<br>Value<br>Acc | Prod<br>Value<br>Acc |  |
|----------------------------|------------|------------|------------|------------|-----------------|---------------------------------|--------------------------------|----------------------|------------------------|---------------------------|---------------------|------------------------|----------------------|--|
|                            |            |            |            |            |                 | ★★★★                            |                                |                      |                        |                           |                     |                        |                      |  |
| 1                          | KDL 140149 | KDL 140149 | WB 100093  | KDL 120100 | 3.0             | 89 78                           | 104 62                         | 113 67               | 91 33                  | 91 50                     | 99 53               | 106 31                 | 100 49               |  |
| 2                          | KDL 150075 | KDL1575    | KDL 120016 | KDL 090166 | 0.0             | 111 77                          | 92 70                          | 74 75                | 107 26                 | 127 51                    | 97 55               | 84 26                  | 93 49                |  |
| 3                          | KDL 150078 | KDL1578    | KDL 120016 | KHC 100112 | 1.1             | 83 76                           | 90 72                          | 113 74               | 94 32                  | 110 52                    | 91 57               | 87 32                  | 88 52                |  |
| 4                          | KDL 190144 | KDL19144   | KDL 119195 | KHC 100057 | 0.7             | 109 69                          | 95 68                          | 90 59                | 98 32                  | 111 47                    | 98 51               | 88 23                  | 95 45                |  |
| 5                          | KDL 200009 | KDL2009    | KDL 150133 | KDL 170139 | 0.8             | 129 68                          | 88 56                          | 92 53                | 99 30                  | 109 39                    | 98 45               | 100 22                 | 97 40                |  |
| 6                          | KDL 210008 | KDL2108    | E 180213   | KDL 140149 | 0.5             | 95 65                           | 97 64                          | 100 47               | 91 31                  | 94 38                     | 90 46               | 109 26                 | 93 42                |  |
| 7                          | KDL 210017 | KDL2117    | E 180213   | KDL 170098 | 0.3             | 100 66                          | 93 66                          | 93 54                | 94 30                  | 112 37                    | 93 47               | 104 26                 | 94 43                |  |
| 8                          | KDL 220001 | KDL2201    | E 180213   | KDL 190140 | 0.4             | 95 62                           | 102 56                         | 93 41                | 91 30                  | 100 37                    | 95 42               | 110 24                 | 97 38                |  |
| 9                          | KDL 220005 | KDL2205    | E 180213   | KDL 190144 | 0.4             | 102 62                          | 98 64                          | 86 44                | 92 30                  | 102 37                    | 92 45               | 102 24                 | 93 41                |  |
| 10                         | KDL 220015 | KDL2215    | E 180213   | KDL 150075 | 0.2             | 96 62                           | 102 66                         | 78 50                | 95 29                  | 110 38                    | 95 46               | 101 25                 | 95 42                |  |
| 11                         | KDL 220017 | KDL2217    | E 180213   | KDL 150162 | 0.2             | 98 62                           | 100 65                         | 97 49                | 86 32                  | 95 39                     | 92 46               | 109 28                 | 95 42                |  |
| 12                         | KDL 220021 | KDL2221    | E 180213   | KDL 140229 | 0.4             | 91 62                           | 103 67                         | 98 50                | 88 30                  | 86 40                     | 90 47               | 110 26                 | 92 43                |  |
| 13                         | KDL 220024 | KDL2224    | E 180213   | KD 100943  | 0.7             | 88 64                           | 98 68                          | 98 52                | 85 34                  | 104 43                    | 90 49               | 107 28                 | 92 45                |  |
| 14                         | KDL 220027 | KDL2227    | E 180213   | KDL 170115 | 0.3             | 97 59                           | 104 65                         | 81 46                | 95 30                  | 103 36                    | 96 45               | 106 26                 | 97 41                |  |
| 15                         | KDL 220030 | KDL2230    | E 180213   | KDL 140124 | 0.2             | 97 62                           | 103 66                         | 92 49                | 91 32                  | 92 40                     | 93 47               | 111 28                 | 95 43                |  |
| 16                         | KDL 220031 | KDL2231    | E 180213   | KDL 150187 | 0.1             | 91 61                           | 99 66                          | 90 49                | 95 29                  | 101 38                    | 91 46               | 103 24                 | 92 42                |  |
| 17                         | KDL 220033 | KDL2233    | E 180213   | KDL 200003 | 0.4             | 85 58                           | 104 55                         | 97 39                | 91 30                  | 101 34                    | 96 40               | 109 24                 | 98 37                |  |
| 18                         | KDL 220036 | KDL2236    | E 180213   | KDL 120065 | 0.2             | 93 63                           | 103 57                         | 88 51                | 94 37                  | 92 43                     | 92 46               | 106 32                 | 93 43                |  |
| 19                         | KDL 230002 | KDL2302    | E 180213   | KDL 190065 | 0.4             | 106 59                          | 94 56                          | 96 44                | 85 30                  | 106 37                    | 92 42               | 106 24                 | 94 38                |  |
| 20                         | KDL 230003 | KDL2303    | E 180213   | KDL 190038 | 0.3             | 100 54                          | 97 57                          | 101 45               | 94 32                  | 110 38                    | 99 42               | 105 24                 | 100 38               |  |
| 21                         | KDL 230004 | KDL2304    | E 180213   | KDL 190140 | 0.4             | 97 54                           | 98 56                          | 97 41                | 91 30                  | 98 37                     | 92 41               | 110 24                 | 95 38                |  |
| 22                         | KDL 230006 | KDL2306    | E 180213   | KDL 190053 | 0.5             | 109 60                          | 96 57                          | 99 44                | 81 31                  | 108 38                    | 96 43               | 110 24                 | 98 39                |  |
| 23                         | KDL 230014 | KDL2314    | E 180213   | KDL 150096 | 0.5             | 90 62                           | 106 64                         | 98 48                | 82 31                  | 93 38                     | 94 46               | 115 26                 | 97 42                |  |
| 24                         | KDL 230017 | KDL2317    | E 180213   | KDL 170098 | 0.3             | 84 60                           | 112 65                         | 76 47                | 92 30                  | 109 37                    | 99 45               | 106 26                 | 100 41               |  |
| 25                         | KDL 230020 | KDL2320    | E 180213   | KDL 200019 | 0.2             | 105 60                          | 100 65                         | 97 46                | 94 33                  | 95 38                     | 97 46               | 107 26                 | 98 42                |  |
| 26                         | KDL 230024 | KDL2324    | E 180213   | KDL 200033 | 0.3             | 87 58                           | 103 64                         | 89 43                | 93 28                  | 96 35                     | 91 43               | 105 24                 | 93 39                |  |
| 27                         | KDL 230031 | KDL2331    | E 180213   | KDL 170104 | 0.1             | 99 59                           | 94 64                          | 100 46               | 91 29                  | 105 34                    | 93 44               | 104 23                 | 94 40                |  |
| 28                         | KDL 230036 | KDL2336    | E 180213   | KD 100943  | 0.7             | 90 59                           | 99 59                          | 99 52                | 83 34                  | 103 43                    | 92 46               | 109 28                 | 94 42                |  |
| 29                         | KDL 230038 | KDL2338    | E 180213   | KD 100943  | 0.7             | 90 59                           | 99 59                          | 99 52                | 83 34                  | 103 43                    | 92 46               | 109 28                 | 94 42                |  |
| 30                         | KDL 230043 | KDL2343    | E 180213   | KDL 140124 | 0.2             | 100 62                          | 102 58                         | 93 48                | 88 32                  | 92 40                     | 93 45               | 114 28                 | 96 42                |  |
|                            |            |            |            |            |                 | ★★★★                            |                                |                      |                        |                           |                     |                        |                      |  |
| 1                          | KDL 120165 | KDL120165  |            | KDL 090075 | 0.0             | 128 68                          | 81 54                          | 74 69                | 111 12                 | 107 29                    | 85 43               |                        |                      |  |
| 2                          | KDL 140229 | KDL14229   | WB 100093  | ML 080002  | 0.5             | 87 78                           | 99 73                          | 107 74               | 97 32                  | 78 55                     | 87 58               | 97 30                  | 88 52                |  |

Selection List on Cow Values

Cows 2 years and older

| ID           |            |          | Name       | Sire ID    | Dam ID | %<br>Inbreeding | Calving<br>Ease<br>Value |     | Calf<br>Growth<br>Value |     | Milk<br>Value | Maint.<br>Value | Fertility<br>Value | Cow<br>Value | Growth<br>Value | Prod<br>Value |    |     |    |    |    |  |
|--------------|------------|----------|------------|------------|--------|-----------------|--------------------------|-----|-------------------------|-----|---------------|-----------------|--------------------|--------------|-----------------|---------------|----|-----|----|----|----|--|
| Sorted on ID |            |          |            |            |        |                 | Acc                      | Acc | Acc                     | Acc | Acc           | Acc             | Acc                | Acc          | Acc             | Acc           |    |     |    |    |    |  |
|              |            |          |            |            |        |                 | ★★★                      |     |                         |     |               |                 |                    |              |                 |               |    |     |    |    |    |  |
| 3            | KDL 150134 | KDL15134 | WB 100093  | KD 100927  | 1.9    | 76              | 70                       | 108 | 69                      | 101 | 62            | 80              | 37                 | 71           | 55              | 84            | 54 | 105 | 32 | 86 | 50 |  |
| 4            | KDL 150169 | KDL15169 | WB 100093  | ML 080033  | 0.3    | 86              | 76                       | 103 | 69                      | 100 | 66            | 105             | 32                 | 60           | 53              | 84            | 55 | 98  | 26 | 85 | 49 |  |
| 5            | KDL 170076 | KDL1776  | KDL 120033 | KDL 140192 | 3.5    | 96              | 72                       | 107 | 68                      | 83  | 65            | 87              | 34                 | 81           | 51              | 88            | 54 | 103 | 30 | 90 | 49 |  |
| 6            | KDL 190033 | KDL1933  | PHD 130015 | KD 070559  | 1.6    | 95              | 71                       | 80  | 69                      | 111 | 59            | 116             | 39                 | 102          | 50              | 87            | 53 | 81  | 32 | 83 | 49 |  |
| 7            | KDL 190043 | KDL1943  | KDL 119195 | ESP 100030 | 0.7    | 91              | 71                       | 95  | 69                      | 77  | 63            | 101             | 33                 | 115          | 47              | 88            | 53 | 87  | 24 | 86 | 47 |  |
| 8            | KDL 190155 | KDL19155 | PHD 130015 | KDL 150129 | 0.6    | 107             | 68                       | 83  | 59                      | 85  | 58            | 115             | 35                 | 93           | 44              | 80            | 48 | 87  | 24 | 79 | 43 |  |
| 9            | KDL 200024 | KDL2024  | PHD 130015 | KD 070559  | 1.6    | 71              | 72                       | 88  | 70                      | 114 | 64            | 115             | 39                 | 105          | 48              | 89            | 54 | 81  | 32 | 86 | 50 |  |
| 10           | KDL 200026 | KDL2026  | PHD 130015 | BAR 090013 | 0.9    | 93              | 69                       | 84  | 69                      | 107 | 63            | 114             | 37                 | 89           | 44              | 83            | 52 | 89  | 24 | 82 | 46 |  |
| 11           | KDL 210002 | KDL2102  | E 180213   | KDL 150075 | 0.2    | 89              | 65                       | 93  | 65                      | 84  | 50            | 101             | 29                 | 110          | 38              | 86            | 46 | 96  | 25 | 86 | 42 |  |
| 12           | KDL 220007 | KDL2207  | E 180213   | KDL 190127 | 0.2    | 106             | 58                       | 84  | 56                      | 86  | 43            | 99              | 27                 | 102          | 35              | 80            | 41 | 96  | 24 | 81 | 38 |  |
| 13           | KDL 220010 | KDL2210  | E 180213   | KDL 150174 | 0.5    | 97              | 62                       | 91  | 66                      | 99  | 50            | 93              | 32                 | 95           | 40              | 85            | 47 | 107 | 28 | 87 | 43 |  |
| 14           | KDL 220023 | KDL2223  | E 180213   | KDL 150169 | 0.3    | 92              | 62                       | 97  | 66                      | 96  | 47            | 95              | 31                 | 77           | 39              | 82            | 46 | 107 | 26 | 85 | 42 |  |
| 15           | KDL 220029 | KDL2229  | E 180213   | KDL 170076 | 0.5    | 91              | 60                       | 99  | 66                      | 84  | 47            | 91              | 31                 | 88           | 38              | 82            | 46 | 106 | 26 | 84 | 42 |  |
| 16           | KDL 230007 | KDL2307  | E 180213   | KDL 190144 | 0.4    | 107             | 60                       | 91  | 57                      | 93  | 44            | 91              | 30                 | 102          | 37              | 88            | 42 | 103 | 24 | 89 | 38 |  |
| 17           | KDL 230012 | KDL2312  | E 180213   | KDL 150174 | 0.5    | 104             | 62                       | 85  | 67                      | 103 | 50            | 94              | 32                 | 95           | 40              | 83            | 47 | 106 | 28 | 86 | 43 |  |
| 18           | KDL 230013 | KDL2313  | E 180213   | KDL 200034 | 0.9    | 94              | 58                       | 93  | 64                      | 84  | 44            | 98              | 29                 | 100          | 35              | 83            | 44 | 100 | 24 | 84 | 40 |  |
| 19           | KDL 230019 | KDL2319  | E 180213   | KDL 190127 | 0.2    | 101             | 58                       | 86  | 64                      | 83  | 43            | 101             | 27                 | 102          | 35              | 80            | 43 | 94  | 24 | 81 | 39 |  |
| 20           | KDL 230021 | KDL2321  | E 180213   | KDL 150169 | 0.3    | 93              | 62                       | 103 | 65                      | 96  | 47            | 92              | 31                 | 76           | 39              | 88            | 46 | 110 | 26 | 91 | 42 |  |
| 21           | KDL 230023 | KDL2323  | E 180213   | KDL 200026 | 0.2    | 90              | 60                       | 93  | 65                      | 96  | 46            | 99              | 32                 | 91           | 36              | 83            | 45 | 103 | 25 | 85 | 41 |  |
| 22           | KDL 230027 | KDL2327  | E 180213   | KDL 150078 | 0.5    | 89              | 62                       | 93  | 65                      | 101 | 50            | 89              | 30                 | 101          | 39              | 86            | 46 | 103 | 27 | 88 | 42 |  |
| 23           | KDL 230028 | KDL2328  | E 180213   | KDL 210001 | 25.2   | 109             | 59                       | 87  | 63                      | 85  | 43            | 96              | 29                 | 97           | 33              | 80            | 43 | 104 | 24 | 83 | 39 |  |
| 24           | KDL 230030 | KDL2330  | E 180213   | KDL 170095 | 0.2    | 105             | 60                       | 91  | 65                      | 86  | 43            | 98              | 28                 | 98           | 36              | 86            | 44 | 102 | 24 | 87 | 40 |  |
| 25           | KDL 230039 | KDL2339  | E 180213   | KDL 140229 | 0.4    | 93              | 62                       | 93  | 66                      | 99  | 50            | 93              | 30                 | 86           | 40              | 82            | 47 | 105 | 26 | 85 | 43 |  |
| 26           | KDL 230042 | KDL2342  | E 180213   | KDL 190033 | 0.5    | 90              | 59                       | 92  | 57                      | 98  | 44            | 99              | 32                 | 97           | 38              | 86            | 43 | 100 | 26 | 87 | 40 |  |
|              |            |          |            |            |        |                 | ★★                       |     |                         |     |               |                 |                    |              |                 |               |    |     |    |    |    |  |
| 1            | KDL 150174 | KDL15174 | WB 100093  | KD 070559  | 0.9    | 102             | 78                       | 75  | 75                      | 109 | 75            | 110             | 38                 | 97           | 55              | 79            | 59 | 90  | 36 | 79 | 54 |  |
| 2            | KDL 190127 | KDL19127 | KDL 150090 | KDL 150075 | 3.3    | 117             | 66                       | 73  | 64                      | 81  | 55            | 115             | 21                 | 111          | 43              | 78            | 47 |     |    |    |    |  |
| 3            | KDL 210001 | KDL2101  | E 180213   | KDL 120165 | 0.1    | 122             | 66                       | 74  | 64                      | 85  | 54            | 102             | 26                 | 100          | 32              | 75            | 45 | 95  | 22 | 76 | 40 |  |
| 4            | KDL 210020 | KDL2120  | E 180213   | KDL 150174 | 0.5    | 100             | 65                       | 79  | 67                      | 106 | 50            | 98              | 32                 | 97           | 40              | 78            | 48 | 102 | 28 | 81 | 44 |  |
| 5            | KDL 210027 | KDL2127  | E 180213   | BAR 090013 | 0.2    | 90              | 63                       | 94  | 59                      | 86  | 51            | 96              | 32                 | 85           | 40              | 78            | 45 | 105 | 28 | 81 | 42 |  |

# Selection List on Cow Values

## Bull Calves younger than 2 years

| ID<br>Sorted on ID | Name               | Sire ID  | Dam ID     | %<br>Inbreeding | Calving<br>Ease<br>Value<br>Acc | Calf<br>Growth<br>Value<br>Acc | Milk<br>Value<br>Acc | Maint.<br>Value<br>Acc | Fertility<br>Value<br>Acc | Cow<br>Value<br>Acc | Growth<br>Value<br>Acc | Prod<br>Value<br>Acc |  |
|--------------------|--------------------|----------|------------|-----------------|---------------------------------|--------------------------------|----------------------|------------------------|---------------------------|---------------------|------------------------|----------------------|--|
|                    |                    |          |            |                 | ★★★★★                           |                                |                      |                        |                           |                     |                        |                      |  |
| 1                  | KDL 240010 KDL2410 | E 200041 | KDL 190038 | 0.0             | 102 56                          | 101 50                         | 106 39               | 100 26                 | 116 33                    | 111 38              |                        |                      |  |
| 2                  | KDL 240023 KDL2423 | E 200041 | KDL 170139 | 0.0             | 113 56                          | 104 49                         | 93 37                | 96 24                  | 113 30                    | 110 36              | 112 21                 | 111 33               |  |
| 3                  | KDL 240024 KDL2424 | E 200041 | KDL 190102 | 0.0             | 98 56                           | 106 49                         | 96 37                | 92 24                  | 122 32                    | 111 37              |                        |                      |  |
|                    |                    |          |            |                 | ★★★★☆                           |                                |                      |                        |                           |                     |                        |                      |  |
| 1                  | KDL 240004 KDL2404 | 019 AAN  | KDL 210008 | 0.4             | 105 49                          | 103 42                         | 105 25               | 92 16                  | 98 22                     | 104 29              |                        |                      |  |
| 2                  | KDL 240006 KDL2406 | E 200041 | KDL 190140 | 0.0             | 96 56                           | 104 49                         | 100 35               | 97 24                  | 105 32                    | 105 37              |                        |                      |  |
| 3                  | KDL 240008 KDL2408 | 019 AAN  | KDL 210034 | 0.4             | 103 48                          | 108 42                         | 98 24                | 89 16                  | 109 22                    | 109 29              |                        |                      |  |
| 4                  | KDL 240009 KDL2409 | E 200041 | KDL 150192 | 0.0             | 107 57                          | 91 50                          | 102 40               | 99 23                  | 120 34                    | 101 38              | 103 21                 | 101 35               |  |
| 5                  | KDL 240017 KDL2417 | E 200041 | KDL 190043 | 0.0             | 86 57                           | 108 51                         | 83 40                | 99 25                  | 111 32                    | 100 38              |                        |                      |  |
| 6                  | KDL 240021 KDL2421 | 019 AAN  | KDL 220005 | 0.4             | 110 49                          | 104 42                         | 98 24                | 93 16                  | 102 22                    | 105 29              |                        |                      |  |
| 7                  | KDL 240034 KDL2434 | E 200041 | KDL 140229 | 0.0             | 77 59                           | 115 52                         | 94 44                | 97 24                  | 92 35                     | 102 40              | 110 21                 | 103 36               |  |
|                    |                    |          |            |                 | ★★★★                            |                                |                      |                        |                           |                     |                        |                      |  |
| 1                  | KDL 240029 KDL2429 | E 200041 | KDL 210020 | 3.9             | 91 55                           | 99 50                          | 98 35                | 97 24                  | 102 29                    | 95 36               | 112 20                 | 97 33                |  |
| 2                  | KDL 240035 KDL2435 | E 200041 | KDL 200009 | 0.0             | 121 56                          | 84 47                          | 103 36               | 97 23                  | 108 29                    | 94 35               |                        |                      |  |
| 3                  | KDL 240036 KDL2436 | E 200041 | KDL 170076 | 0.0             | 94 57                           | 109 51                         | 89 40                | 92 25                  | 94 33                     | 98 38               | 112 22                 | 100 35               |  |
|                    |                    |          |            |                 | ★★★                             |                                |                      |                        |                           |                     |                        |                      |  |
| 1                  | KDL 240037 KDL2437 |          | KDL 200012 | 0.0             | 116 47                          | 75 33                          | 112 31               | 99 19                  | 81 23                     | 76 28               |                        |                      |  |

# Selection List on Cow Values

## Heifers younger than 2 years

| ID           | Name               | Sire ID  | Dam ID     | %<br>Inbreeding | Calving<br>Ease<br>Value<br>Acc | Calf<br>Growth<br>Value<br>Acc | Milk<br>Value<br>Acc | Maint.<br>Value<br>Acc | Fertility<br>Value<br>Acc | Cow<br>Value<br>Acc | Growth<br>Value<br>Acc | Prod<br>Value<br>Acc |  |
|--------------|--------------------|----------|------------|-----------------|---------------------------------|--------------------------------|----------------------|------------------------|---------------------------|---------------------|------------------------|----------------------|--|
| Sorted on ID |                    |          |            |                 |                                 |                                |                      |                        |                           |                     |                        |                      |  |
|              |                    |          |            |                 | ★★★★☆                           |                                |                      |                        |                           |                     |                        |                      |  |
| 1            | KDL 240003 KDL2403 | 019 AAN  | KDL 220001 | 0.4             | 104 48                          | 105 39                         | 102 23               | 93 16                  | 101 22                    | 106 28              |                        |                      |  |
| 2            | KDL 240013 KDL2413 | E 200041 | KDL 190053 | 0.2             | 115 57                          | 97 51                          | 106 39               | 87 25                  | 114 33                    | 106 38              |                        |                      |  |
| 3            | KDL 240018 KDL2418 | E 200041 | KDL 150075 | 0.0             | 100 59                          | 102 51                         | 84 45                | 102 22                 | 117 33                    | 103 39              | 103 20                 | 102 35               |  |
| 4            | KDL 240020 KDL2420 | E 200041 | KDL 150187 | 0.0             | 90 58                           | 113 51                         | 93 44                | 96 22                  | 106 32                    | 109 39              |                        |                      |  |
| 5            | KDL 240022 KDL2422 | E 200041 | KDL 200003 | 0.0             | 92 55                           | 104 48                         | 105 33               | 97 23                  | 107 29                    | 106 35              |                        |                      |  |
| 6            | KDL 240026 KDL2426 | E 200041 | KDL 140149 | 0.0             | 91 60                           | 106 49                         | 105 41               | 94 24                  | 99 33                     | 103 38              | 114 22                 | 105 35               |  |
| 7            | KDL 240031 KDL2431 | E 200041 | KDL 200024 | 0.0             | 72 57                           | 107 51                         | 100 40               | 106 27                 | 106 32                    | 102 38              | 102 22                 | 101 35               |  |
| 8            | KDL 240033 KDL2433 | E 200041 | KDL 150162 | 0.0             | 91 58                           | 113 51                         | 97 43                | 91 25                  | 101 34                    | 108 39              | 112 23                 | 109 36               |  |
| 9            | KDL 240039 KDL2439 | E 200041 | KDL 140124 | 0.0             | 94 59                           | 113 52                         | 94 43                | 95 26                  | 98 35                     | 108 40              | 116 23                 | 109 37               |  |
| 10           | KDL 250001 KDL2501 | E 200041 | KDL 150169 | 0.0             | 75 58                           | 119 51                         | 90 41                | 101 24                 | 83 34                     | 101 39              | 110 20                 | 103 35               |  |
| 11           | KDL 250002 KDL2502 | E 200041 | KDL 150226 | 0.0             | 92 53                           | 110 51                         | 101 43               | 97 24                  | 105 33                    | 109 38              | 116 21                 | 111 35               |  |
| 12           | KDL 250003 KDL2503 | E 200041 | KDL 150226 | 0.0             | 92 53                           | 110 51                         | 101 43               | 97 24                  | 105 33                    | 109 38              | 116 21                 | 111 35               |  |
|              |                    |          |            |                 | ★★★★                            |                                |                      |                        |                           |                     |                        |                      |  |
| 1            | KDL 240002 KDL2402 | E 200041 | KDL 190155 | 0.0             | 98 56                           | 97 48                          | 90 37                | 105 25                 | 100 31                    | 94 37               | 104 20                 | 95 34                |  |
| 2            | KDL 240005 KDL2405 | 019 AAN  | KDL 210002 | 0.4             | 91 49                           | 101 43                         | 97 27                | 97 15                  | 106 22                    | 98 30               |                        |                      |  |
| 3            | KDL 240019 KDL2419 | E 200041 | KDL 150174 | 0.0             | 90 59                           | 98 53                          | 99 45                | 103 26                 | 102 35                    | 96 40               | 106 24                 | 97 37                |  |
| 4            | KDL 240038 KDL2438 | E 200041 | KDL 210001 | 3.9             | 119 54                          | 87 49                          | 94 36                | 99 22                  | 103 27                    | 91 35               |                        |                      |  |
|              |                    |          |            |                 | ★★★★☆                           |                                |                      |                        |                           |                     |                        |                      |  |
| 1            | KDL 240028 KDL2428 |          | KDL 210017 | 0.0             | 83 46                           | 104 33                         | 84 27                | 97 15                  | 80 18                     | 83 26               |                        |                      |  |



