

# **DROUGHTMASTER BREEDING VALUE REPORT**

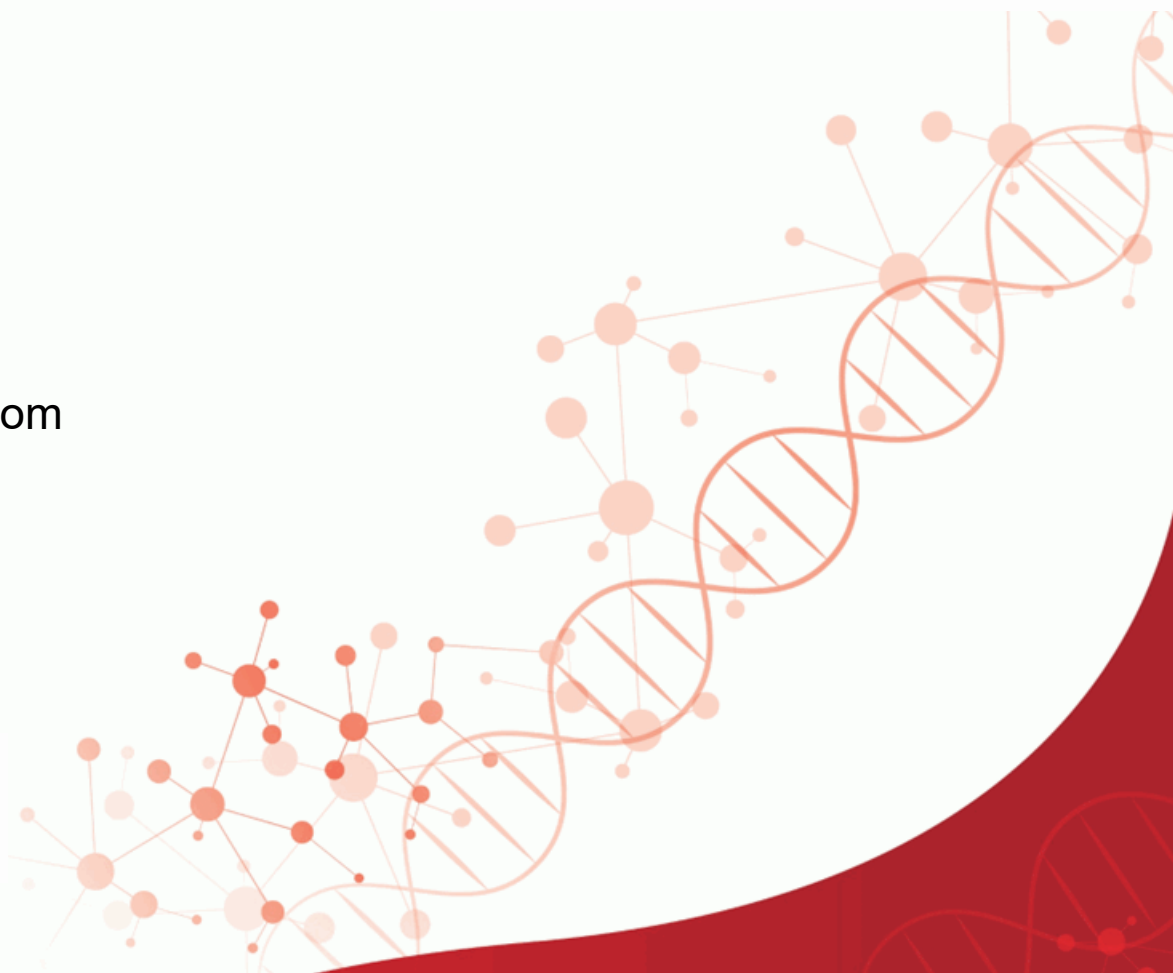
September 2026



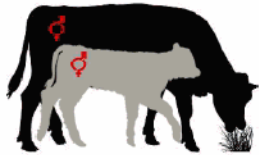
**MNR. J. JANSEN VAN VUUREN**

Herd Number: 587147

E-mail: [jordaanjansenvanvuuren@gmail.com](mailto:jordaanjansenvanvuuren@gmail.com)



# EBVs, EBVi's and Selection Values



## Logix Cow Value

Selecting for:

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

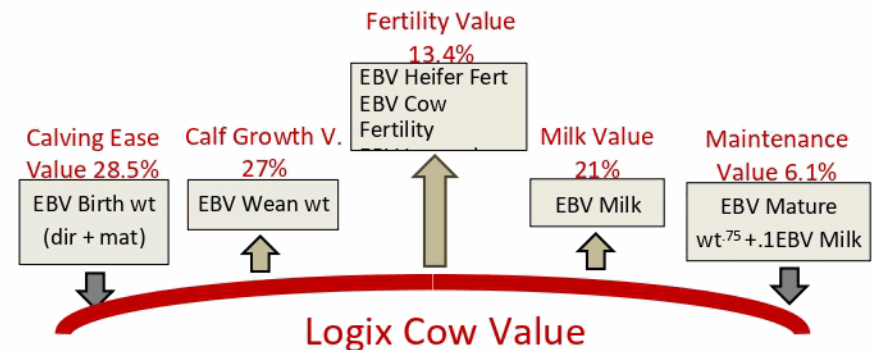
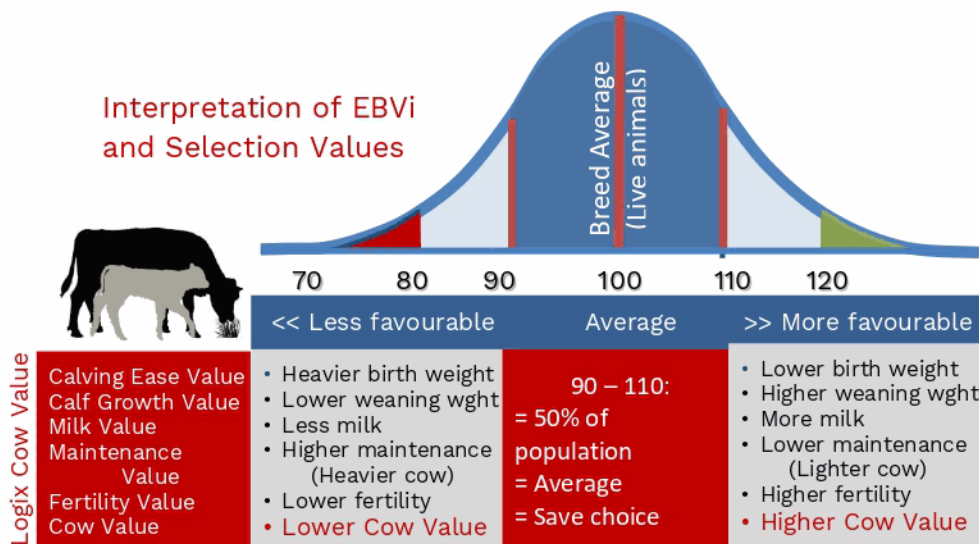
**EBVi (EBVindex):** The average EBVi of all the live animals in the breed is 100, and all EBVi values are expressed relative to this value. Values above 100 are always in a more desirable direction. Note that a very high index is not always desirable. For certain traits, such as birth weight, average values may be better.

**EBV: (Estimated Breeding Value)** indicates the genetic potential of the animal for a specific trait. It is presented in the unit of measurement and relative to the average of animals born in the base year (2017).

**Selection 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 Fertility Value 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.

**Cow Value** combine relative selection 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.

## Interpretation of EBVi and Selection Values



**SABeefBulls.com**

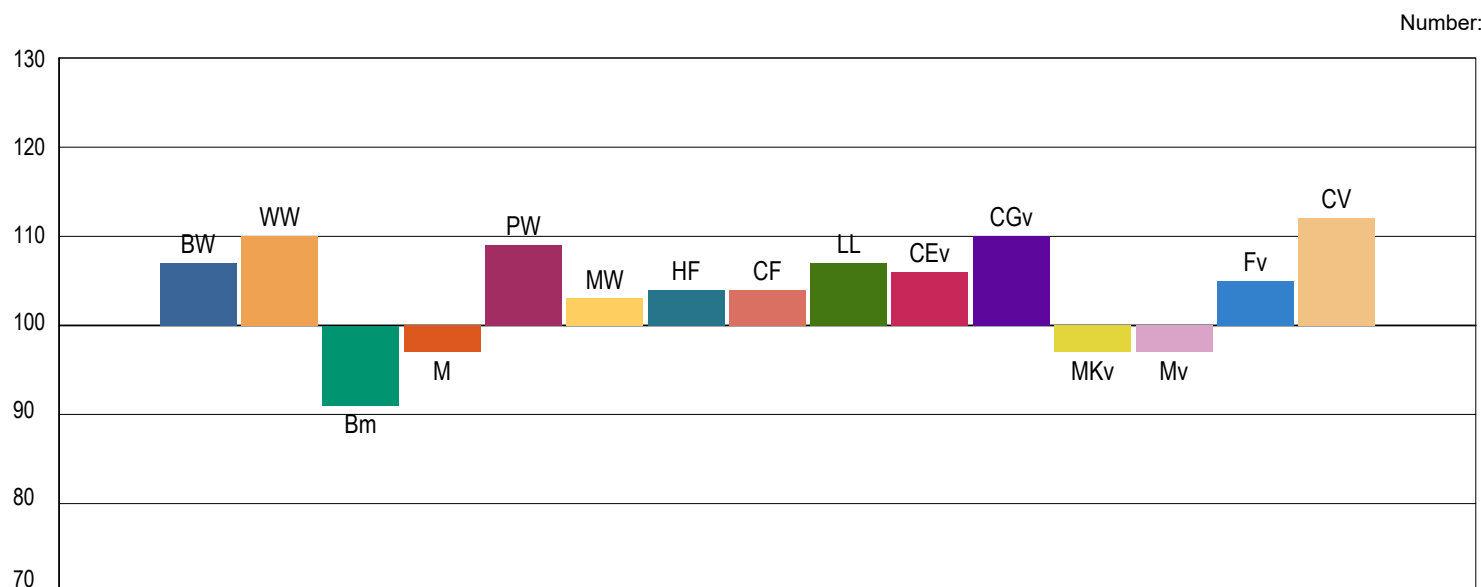
Profit through Genetics  
- at your service

**LOGIX**



CERTIFICATE OF QUALITY  
Valid up to  
1 April 2024

# Herd and Breed Averages



## Abbreviations:

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

|    |                  |
|----|------------------|
| BW | Birth Weight     |
| WW | Weaning Weight   |
| Bm | Birth maternal   |
| M  | Milk             |
| PW | Post-Wean Weight |
| MW | Mature Weight    |
| HF | Heifer Fertility |
| CF | Cow Fertility    |
| LL | Longevity        |

### Selection Values

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

|                 | Trait            | EBV Herd | EBVi Herd | EBV Breed |
|-----------------|------------------|----------|-----------|-----------|
| Prewrite Growth | Birth Wt         | -0.60    | 107       | -0.02     |
|                 | Weaning Wt       | 6.47     | 110       | 2.0       |
|                 | Birth Mat.       | 0.28     | 91        | -0.09     |
|                 | Milk(Wn.Mat.)    | -2.1     | 97        | -1.2      |
| Postwean Growth | Post wean Wt     | 7.5      | 109       | 2.0       |
|                 | Mature Wt        | 2        | 103       | 0         |
| Fertility       | Heifer Fertility | 3        | 104       | 11        |
|                 | Cow Fertility    | 1        | 104       | 2         |
|                 | Longevity        | 15       | 107       | 9         |

| Selection Value | Avg. Herd |
|-----------------|-----------|
| Calving Ease    | 106       |
| Calf Growth     | 110       |
| Milk            | 97        |
| Maintenance     | 97        |
| Fertility       | 105       |
| Cow Value       | 112       |

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

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

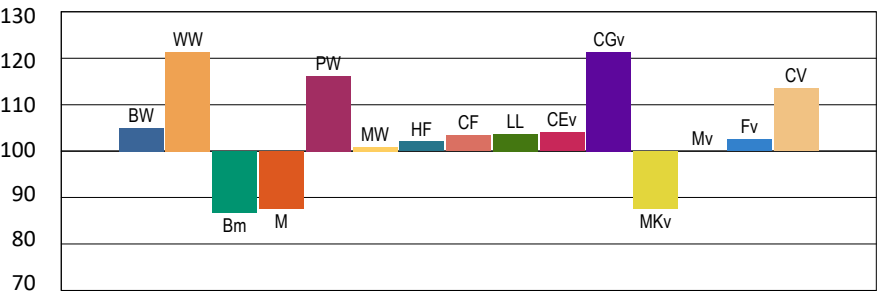
- Calving ease: Smaller calf at birth - easier calving
- Calf growth: Heavier calves at wean due to growth potential of the calf
- Milk: Cows with more milk and better mothering ability
- Maintenance: Animals with low maintenance requirements (lower mature weight).
- Fertility: Cows/daughters that calve earlier and/or more regularly.

# Genetic Windows

## Bulls on Farm

Bulls born in 2023 and earlier

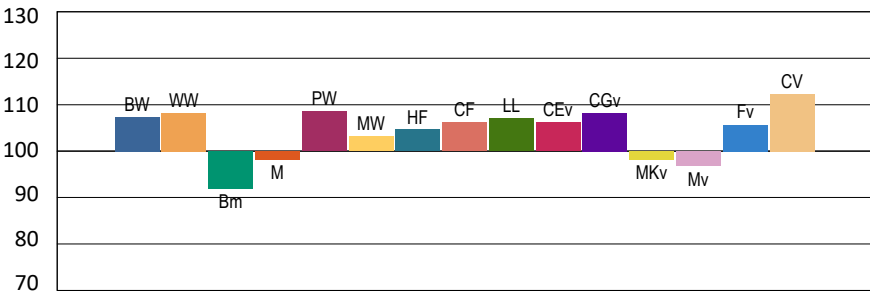
Number: 6



## Cow Herd

Cows born in 2024 and earlier

Number: 78



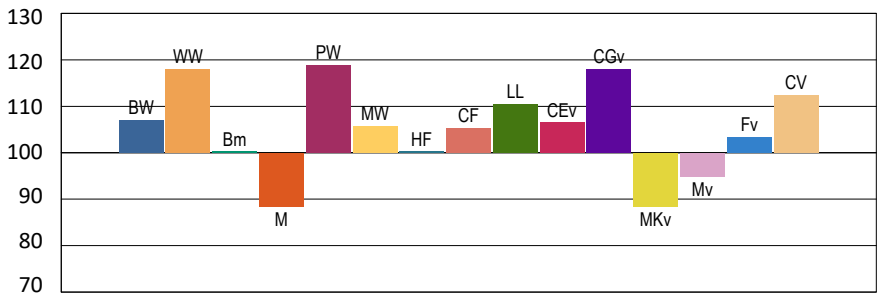
## Abbreviations

|    |                  |
|----|------------------|
| BW | Birth weight     |
| WW | Weaning weight   |
| Bm | Birth mat        |
| M  | Milk             |
| PW | Post-wean weight |
| MW | Mature weight    |
| HF | Heifer Fertility |
| CF | Cow Fertility    |
| LL | Longevity        |

## Sires of Young Animals

Sires of animals 3 years and younger

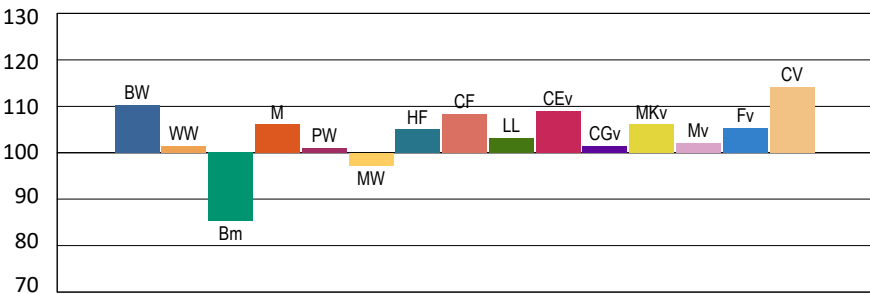
Number: 9



## Cows older than 6 years

Cows born in 2020 and earlier

Number: 18

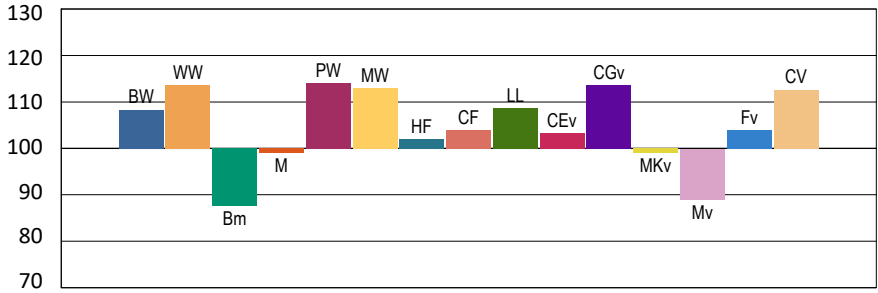


|     |                    |
|-----|--------------------|
| CEv | Calving Ease value |
| CGv | Calf Growth value  |
| MKv | Milk value         |
| Mv  | Maintenance value  |
| Fv  | Fertility value    |
| CV  | Cow Value          |

## Bull Calves

Bull calves born in 2025

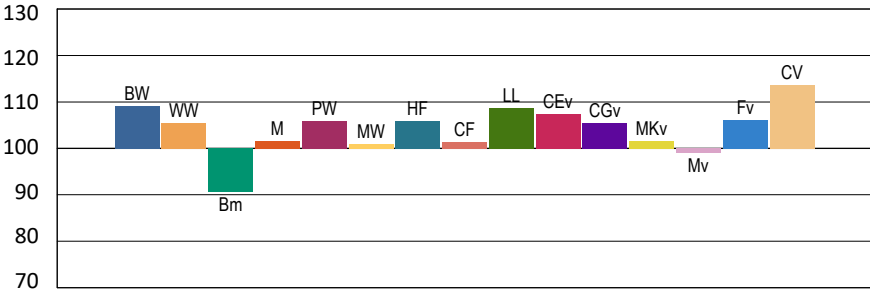
Number: 3



## Heifer Calves

Heifers born in 2025

Number: 26

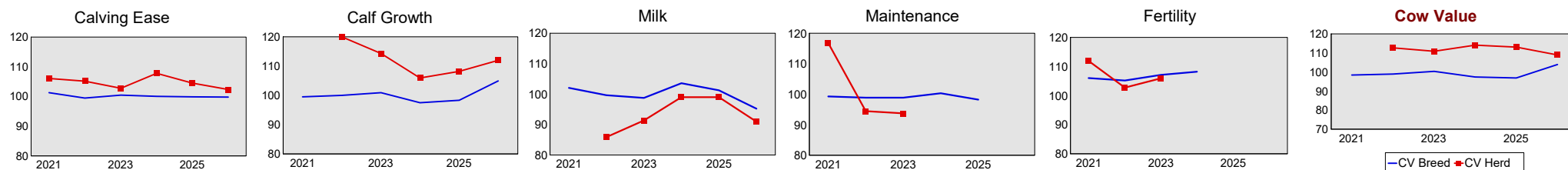


## Summary of Genetic Merits of Cows in the Herd

|                   |            |                            | Selection Values (SV) |            |      |        |       |           | Calf Weight  |                | Mother     |                | Growth         |               | Fertility        |               |           |
|-------------------|------------|----------------------------|-----------------------|------------|------|--------|-------|-----------|--------------|----------------|------------|----------------|----------------|---------------|------------------|---------------|-----------|
| Birth Year        | Nr of cows | Avg Cow Value Star grading | Calv. Ease            | Calf Grwth | Milk | Maint. | Fert. | Cow Value | Birth Weight | Weaning Weight | Birth Mat. | Milk (Wn.Mat.) | Post-wn weight | Mature weight | Heifer Fertility | Cow Fertility | Longevity |
| Avg Cows in Breed |            |                            | 99                    | 100        | 100  | 100    | 101   | 100       | 99           | 100            | 101        | 100            | 100            | 100           | 101              | 100           | 99        |
| 2014              | 1          | ★★★★★                      | 104                   | 93         | 127  | 76     | 110   | 116       | 100          | 93             | 108        | 127            | 98             | 122           | 111              | 115           | 101       |
| 2015              | 1          | ★★★★                       | 88                    | 104        | 99   | 94     | 107   | 98        | 90           | 104            | 99         | 99             | 100            | 104           | 109              | 103           | 104       |
| 2016              | 3          | ★★★★★                      | 112                   | 97         | 101  | 109    | 108   | 112       | 108          | 97             | 105        | 101            | 93             | 89            | 112              | 97            | 104       |
| 2017              | 2          | ★★★★★                      | 108                   | 102        | 111  | 86     | 105   | 114       | 105          | 102            | 100        | 111            | 106            | 117           | 103              | 105           | 108       |
| 2018              | 2          | ★★★★★                      | 114                   | 99         | 97   | 113    | 103   | 110       | 119          | 99             | 87         | 97             | 99             | 89            | 102              | 107           | 103       |
| 2019              | 8          | ★★★★★                      | 107                   | 104        | 109  | 108    | 107   | 119       | 110          | 104            | 73         | 109            | 103            | 91            | 107              | 116           | 99        |
| 2020              | 3          | ★★★★★                      | 116                   | 110        | 89   | 91     | 102   | 111       | 114          | 110            | 87         | 89             | 111            | 111           | 101              | 98            | 110       |
| 2021              | 4          | ★★★★☆                      | 108                   | 97         | 91   | 115    | 112   | 106       | 112          | 97             | 88         | 91             | 98             | 84            | 112              | 112           | 107       |
| 2022              | 12         | ★★★★☆                      | 110                   | 106        | 92   | 97     | 106   | 109       | 116          | 106            | 84         | 92             | 108            | 102           | 104              | 104           | 111       |
| 2023              | 34         | ★★★★★                      | 103                   | 114        | 96   | 92     | 105   | 112       | 102          | 114            | 99         | 96             | 114            | 109           | 104              | 106           | 108       |
| 2024              | 10         | ★★★★★                      | 109                   | 110        | 100  | 96     | 105   | 115       | 108          | 110            | 91         | 100            | 107            | 105           | 104              | 103           | 107       |
| 2025              | 26         | ★★★★★                      | 107                   | 105        | 102  | 99     | 106   | 114       | 109          | 105            | 91         | 102            | 106            | 101           | 106              | 101           | 109       |
| 2026              | 14         | ★★★★★                      | 101                   | 121        | 91   | 97     | 101   | 112       | 103          | 121            | 88         | 91             | 117            | 103           | 100              | 101           | 104       |
| Avg Cows in Herd  |            |                            | 107                   | 105        | 100  | 98     | 106   | 111       | 107          | 105            | 92         | 100            | 105            | 102           | 106              | 105           | 106       |

# 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<br>Year | Calving Ease |            |            |               | Calf Growth    |      |                | Milk           |       |      | Maintenance        |     |               |     |                  | Fertility    |       |           |      |           |      | Cow<br>Value<br>(CV) |                |
|---------------|--------------|------------|------------|---------------|----------------|------|----------------|----------------|-------|------|--------------------|-----|---------------|-----|------------------|--------------|-------|-----------|------|-----------|------|----------------------|----------------|
|               | Birth Weight |            | Mat<br>EBV | Calv.<br>Ease | Weaning Weight |      | Calf<br>Growth | Milk (Wn.Mat.) |       | Milk | Postwean<br>Weight |     | Mature Weight |     | Mainte-<br>nance | Heifer Fert. |       | Cow Fert. |      | Longevity |      |                      | Ferti-<br>lity |
|               | Number       | Dir<br>EBV |            |               | Number         | EBV  |                | Number         | EBV   |      | Number             | EBV | Number        | EBV |                  | Number       | EBV   | Number    | EBV  | Number    | EBV  |                      |                |
| 2021          | 15           | -0.67      | 0.48       | 106           |                |      |                |                |       |      |                    |     | 4             | -16 | 117              | 8            | -12.5 | 2         | -0.2 | 11        | 12.6 | 112                  |                |
| 2022          | 19           | -1.05      | 0.73       | 105           | 17             | 13.3 | 125            | 17             | -5.48 | 86   |                    |     | 9             | 4   | 94               | 13           | 9.5   | 6         | 0.3  | 3         | 13.4 | 103                  | 113            |
| 2023          | 26           | -0.37      | 0.39       | 103           | 25             | 8.5  | 114            | 25             | -3.81 | 91   |                    |     | 20            | 5   | 94               | 30           | 2.6   |           |      |           |      | 106                  | 111            |
| 2024          | 35           | -0.76      | 0.25       | 108           | 25             | 4.7  | 106            | 25             | -1.52 | 99   |                    |     |               |     |                  |              |       |           |      |           |      |                      | 114            |
| 2025          | 60           | -0.47      | 0.16       | 104           | 48             | 5.7  | 108            | 48             | -1.53 | 99   |                    |     |               |     |                  |              |       |           |      |           |      |                      | 113            |
| 2026          | 21           | -0.38      | 0.37       | 102           | 1              | 7.2  | 112            | 1              | -3.83 | 91   |                    |     |               |     |                  |              |       |           |      |           |      |                      | 109            |

## Breed

| Birth Year | Calving Ease |         |            |     | Calf Growth    |        |             | Milk           |        |      | Maintenance     |        |               |        |             | Fertility    |        |           |        |           |        |           |     | Cow Value (CV) |
|------------|--------------|---------|------------|-----|----------------|--------|-------------|----------------|--------|------|-----------------|--------|---------------|--------|-------------|--------------|--------|-----------|--------|-----------|--------|-----------|-----|----------------|
|            | Birth Weight |         | Calv. Ease |     | Weaning Weight |        | Calf Growth | Milk (Wn.Mat.) |        | Milk | Postwean Weight |        | Mature Weight |        | Maintenance | Heifer Fert. |        | Cow Fert. |        | Longevity |        | Fertility |     |                |
|            | Number       | Dir EBV |            |     | Mat EBV        | Number |             | EBV            | Number |      | EBV             | Number | EBV           | Number |             | EBV          | Number | EBV       | Number | EBV       | Number |           | EBV |                |
| 2017       | 824          | 0.00    | 0.00       | 99  | 650            | 0.0    | 96          | 650            | 0.00   | 104  | 313             | 0.0    | 141           | 0      | 95          | 260          | 0.0    | 173       | 0.0    | 2874      | 0.0    | 105       | 94  |                |
| 2018       | 947          | 0.00    | 0.04       | 99  | 718            | 1.2    | 98          | 718            | -0.38  | 103  | 387             | 0.9    | 224           | -3     | 98          | 251          | 1.6    | 178       | -0.2   | 2854      | 1.4    | 105       | 96  |                |
| 2019       | 990          | -0.16   | 0.09       | 101 | 994            | 0.5    | 97          | 994            | -0.82  | 101  | 612             | -0.5   | 239           | -4     | 100         | 273          | 0.1    | 205       | -0.4   | 2785      | 1.9    | 106       | 95  |                |
| 2020       | 1154         | -0.18   | 0.05       | 102 | 1179           | 1.2    | 98          | 1179           | -0.92  | 101  | 822             | 1.3    | 286           | -3     | 98          | 333          | 1.6    | 197       | -0.1   | 3408      | 1.9    | 106       | 97  |                |
| 2021       | 1386         | -0.24   | 0.16       | 101 | 1436           | 1.7    | 99          | 1436           | -0.63  | 102  | 887             | 2.4    | 385           | -2     | 99          | 422          | 1.2    | 259       | -0.6   | 3283      | 3.7    | 106       | 98  |                |
| 2022       | 1910         | -0.05   | 0.05       | 99  | 1534           | 2.0    | 100         | 1534           | -1.36  | 100  | 858             | 3.2    | 275           | -2     | 99          | 513          | 5.1    | 191       | -1.0   | 1698      | 5.1    | 105       | 99  |                |
| 2023       | 2711         | -0.12   | -0.01      | 100 | 1721           | 2.4    | 101         | 1721           | -1.61  | 99   | 1190            | 2.5    | 120           | 0      | 99          | 341          | 1.9    | 6         | 0.2    |           |        | 107       | 100 |                |
| 2024       | 3045         | -0.07   | 0.03       | 100 | 1946           | 0.8    | 97          | 1946           | -0.17  | 104  | 1077            | 1.2    |               |        | 100         | 19           | 2.1    |           |        |           |        | 108       | 97  |                |
| 2025       | 4011         | -0.09   | 0.01       | 100 | 1727           | 1.2    | 98          | 1727           | -0.88  | 101  | 228             | 2.4    |               |        | 98          |              |        |           |        |           |        |           | 97  |                |
| 2026       | 1210         | -0.05   | -0.02      | 100 | 4              | 4.1    | 105         | 4              | -2.65  | 95   |                 |        |               |        |             |              |        |           |        |           |        |           | 104 |                |

# Sires of animals

Index  
EBV  
Acc

| Sire                              |                         | Selection Values         |                         |               |                   |                    |              | Calf Weight     |                | Mother            |                  | Growth              |                  | Fertility           |                  |           | Measured Progeny<br>Number of herds |            |             |     |
|-----------------------------------|-------------------------|--------------------------|-------------------------|---------------|-------------------|--------------------|--------------|-----------------|----------------|-------------------|------------------|---------------------|------------------|---------------------|------------------|-----------|-------------------------------------|------------|-------------|-----|
| ID Name                           | Sire ID<br>Dam ID       | Calving<br>Ease<br>Value | Calf<br>Growth<br>Value | Milk<br>Value | Mainten.<br>Value | Fertility<br>Value | Cow<br>Value | Birth<br>Direct | Wean<br>Direct | Birth<br>Maternal | Wean<br>Maternal | Post wean<br>weight | Mature<br>Weight | Heifer<br>Fertility | Cow<br>Fertility | Longevity | Birth<br>wt                         | Wean<br>wt | Dgt /Calves |     |
| AGO 180120<br>18-0120AGO          | C 100267                | 83                       | 125                     | 79            | 96                | 108                | 98           | 80              | 125            | 121               | 79               | 114                 | 104              | 105                 | 122              | 102       | 8                                   | 34         | 12          | 14  |
|                                   |                         | 78                       | 86                      | 73            | 65                | 62                 | 72           | 1.59            | 13.1           | -0.90             | -7.5             | 10.5                | 3                | 2.5                 | -4.0             | 11.1      | 3                                   | 3          | 3           |     |
| AGO 190027<br>HULK                | C 130208                | 87                       | 119                     | 93            | 112               | 109                | 109          | 87              | 119            | 104               | 93               | 111                 | 90               | 111                 | 104              | 106       | 63                                  | 47         | 5           | 5   |
|                                   |                         | 86                       | 88                      | 67            | 49                | 51                 | 70           | 1.05            | 10.5           | -0.25             | -3.3             | 8.7                 | -8               | -9.0                | 0.7              | 14.0      | 3                                   | 3          | 2           |     |
| C 110151<br>11-0151C              | C 080370<br>C 090253    | 117                      | 76                      | 92            | 118               | 109                | 94           | 121             | 76             | 101               | 92               | 81                  | 83               | 113                 | 105              | 97        | 18                                  | 95         | 51          | 131 |
|                                   |                         | 91                       | 96                      | 93            | 71                | 84                 | 85           | -1.74           | -9.0           | -0.14             | -3.7             | -9.0                | -14              | -13.9               | 0.4              | 6.5       | 6                                   | 5          | 15          |     |
| C 110154<br>11-0154C              | C 080469<br>C 090227    | 90                       | 118                     | 89            | 120               | 99                 | 102          | 92              | 118            | 96                | 89               | 111                 | 80               | 98                  | 107              | 97        | 12                                  | 11         | 46          | 114 |
|                                   |                         | 94                       | 93                      | 93            | 82                | 87                 | 85           | 0.65            | 9.9            | 0.07              | -4.5             | 8.8                 | -16              | 14.7                | -0.2             | 6.4       | 5                                   | 6          | 20          |     |
| C 110500<br>11-0500C-EMBRIO CALVE | C 080469<br>DO 060185   | 120                      | 95                      | 100           | 95                | 101                | 109          | 121             | 95             | 113               | 100              | 100                 | 103              | 99                  | 103              | 104       | 94                                  | 71         | 76          | 204 |
|                                   |                         | 94                       | 95                      | 94            | 87                | 79                 | 85           | -1.79           | -0.4           | -0.62             | -1.2             | 1.8                 | 2                | 12.2                | 0.9              | 12.2      | 4                                   | 4          | 15          |     |
| C 110505<br>11-0505C-EMBRIO CALVE | C 080469<br>DO 060185   | 109                      | 81                      | 116           | 125               | 105                | 107          | 123             | 81             | 78                | 116              | 85                  | 71               | 105                 | 106              | 103       | 118                                 | 38         | 114         | 293 |
|                                   |                         | 98                       | 96                      | 97            | 90                | 96                 | 90           | -1.91           | -6.5           | 0.78              | 3.5              | -6.6                | -24              | 2.2                 | 0.3              | 11.8      | 10                                  | 8          | 16          |     |
| C 130009<br>13-0009C              | C 100240<br>C 090032    | 90                       | 121                     | 94            | 97                | 104                | 108          | 89              | 121            | 107               | 94               | 115                 | 102              | 105                 | 97               | 108       | 1                                   | 15         | 26          | 35  |
|                                   |                         | 84                       | 85                      | 84            | 73                | 79                 | 77           | 0.89            | 11.6           | -0.38             | -3.1             | 10.8                | 2                | 2.5                 | 2.4              | 15.8      | 1                                   | 3          | 6           |     |
| CSA 140057<br>14-0057CSA          | C 110243<br>C 080349    | 108                      | 106                     | 99            | 93                | 102                | 110          | 110             | 106            | 78                | 99               | 110                 | 105              | 104                 | 102              | 97        | 4                                   | 6          | 4           | 10  |
|                                   |                         | 66                       | 72                      | 70            | 51                | 60                 | 62           | -0.87           | 4.8            | 0.77              | -1.6             | 7.7                 | 4                | 2.9                 | 1.2              | 7.0       | 4                                   | 4          | 4           |     |
| CSA 150029<br>15-0029CSA          | C 110154<br>C 090032    | 121                      | 120                     | 83            | 112               | 109                | 128          | 118             | 120            | 101               | 83               | 113                 | 91               | 107                 | 123              | 99        | 38                                  | 3          | 17          | 32  |
|                                   |                         | 89                       | 80                      | 82            | 70                | 74                 | 75           | -1.47           | 11.0           | -0.12             | -6.4             | 9.7                 | -8               | -2.9                | -4.4             | 8.6       | 2                                   | 2          | 6           |     |
| CSA 150066<br>SYDNEY              | 4041384969<br>DO 060044 | 120                      | 96                      | 94            | 120               | 91                 | 103          | 118             | 96             | 97                | 94               | 88                  | 80               | 84                  | 104              | 104       | 94                                  | 43         | 28          | 43  |
|                                   |                         | 94                       | 90                      | 83            | 71                | 75                 | 80           | -1.47           | 0.2            | 0.04              | -3.1             | -5.1                | -17              | 40.5                | 0.6              | 12.6      | 5                                   | 5          | 11          |     |
| CSA 160056<br>16-0056CSA          | C 110505<br>C 070001    | 119                      | 104                     | 112           | 115               | 94                 | 122          | 117             | 104            | 93                | 112              | 109                 | 85               | 89                  | 106              | 104       | 69                                  | 36         | 49          | 84  |
|                                   |                         | 95                       | 92                      | 91            | 84                | 81                 | 84           | -1.47           | 3.8            | 0.19              | 2.5              | 7.2                 | -12              | 31.5                | 0.0              | 12.4      | 6                                   | 7          | 12          |     |
| CSA 170062<br>17-0062CSA          | C 090032                | 116                      | 96                      | 103           | 87                | 112                | 115          | 117             | 96             | 82                | 103              | 110                 | 111              | 110                 | 102              | 122       | 128                                 | 51         | 43          | 68  |
|                                   |                         | 95                       | 93                      | 88            | 78                | 78                 | 83           | -1.46           | 0.2            | 0.64              | -0.4             | 7.6                 | 9                | -7.0                | 1.2              | 27.2      | 6                                   | 5          | 9           |     |

# Sires of animals

Index  
EBV  
Acc

| Sire            |                          | Selection Values         |                         |               |                   |                    |              | Calf Weight     |                | Mother            |                  | Growth              |                  | Fertility           |                  |           | Measured Progeny<br>Number of herds |            |             |    |
|-----------------|--------------------------|--------------------------|-------------------------|---------------|-------------------|--------------------|--------------|-----------------|----------------|-------------------|------------------|---------------------|------------------|---------------------|------------------|-----------|-------------------------------------|------------|-------------|----|
| ID Name         | Sire ID<br>Dam ID        | Calving<br>Ease<br>Value | Calf<br>Growth<br>Value | Milk<br>Value | Mainten.<br>Value | Fertility<br>Value | Cow<br>Value | Birth<br>Direct | Wean<br>Direct | Birth<br>Maternal | Wean<br>Maternal | Post wean<br>weight | Mature<br>Weight | Heifer<br>Fertility | Cow<br>Fertility | Longevity | Birth<br>wt                         | Wean<br>wt | Dgt /Calves |    |
| CSA 180194      | CSA 160056<br>CTM 150023 | 115                      | 127                     | 101           | 103               | 102                | 134          | 120             | 127            | 89                | 101              | 132                 | 99               | 94                  | 121              | 108       | 114                                 | 107        | 29          | 38 |
| 18-0194CSA      |                          | 94                       | 95                      | 84            | 67                | 72                 | 81           | -1.66           | 14.1           | 0.35              | -1.0             | 21.0                | -1               | 22.1                | -3.8             | 15.7      | 15                                  | 7          | 5           |    |
| CSA 180201      | C 100267                 | 78                       | 104                     | 106           | 113               | 96                 | 90           | 79              | 104            | 112               | 106              | 100                 | 89               | 100                 | 94               | 91        | 33                                  | 16         | 14          | 20 |
| 18-0201CSA      |                          | 88                       | 80                      | 74            | 55                | 64                 | 71           | 1.75            | 3.9            | -0.55             | 0.4              | 1.7                 | -10              | 10.8                | 3.4              | 1.2       | 3                                   | 1          | 3           |    |
| CSA 190006      | CSA 150029<br>C 110507   | 70                       | 116                     | 56            | 120               | 110                | 73           | 151             | 116            | 63                | 56               | 119                 | 84               | 102                 | 134              | 111       | 103                                 | 86         | 19          | 20 |
| 19-0006CSA      |                          | 92                       | 93                      | 79            | 58                | 63                 | 78           | -4.22           | 9.1            | 1.38              | -14.4            | 13.2                | -13              | 7.2                 | -7.0             | 18.4      | 5                                   | 4          | 4           |    |
| CSA 190150      | C 110507                 | 80                       | 151                     | 49            | 61                | 103                | 91           | 145             | 151            | 75                | 49               | 151                 | 156              | 91                  | 137              | 111       | 110                                 | 80         | 8           | 8  |
| 19-0150CSA      |                          | 93                       | 92                      | 73            | 54                | 64                 | 76           | -3.72           | 25.0           | 0.91              | -16.4            | 31.8                | 45               | 27.8                | -7.8             | 18.5      | 8                                   | 3          | 3           |    |
| CSA 200048      | CSA 170062<br>CSA 180073 | 108                      | 151                     | 78            | 76                | 104                | 132          | 106             | 151            | 96                | 78               | 151                 | 127              | 100                 | 108              | 111       | 37                                  | 19         | 4           | 4  |
| 20-0048CSA      |                          | 86                       | 79                      | 63            | 52                | 55                 | 67           | -0.53           | 25.0           | 0.08              | -7.9             | 31.8                | 22               | 12.0                | -0.4             | 18.5      | 5                                   | 2          | 1           |    |
| CTM 130203      | C 110227<br>C 110507     | 112                      | 108                     | 56            | 91                | 118                | 97           | 120             | 108            | 77                | 56               | 121                 | 110              | 117                 | 131              | 103       | 75                                  | 67         | 50          | 86 |
| THUNDER         |                          | 93                       | 93                      | 89            | 80                | 74                 | 82           | -1.65           | 5.6            | 0.81              | -14.5            | 14.6                | 8                | -20.6               | -6.5             | 11.8      | 3                                   | 3          | 7           |    |
| CTM 180004      | C 150039<br>CSA 150045   | 102                      | 76                      | 95            | 120               | 107                | 85           | 101             | 76             | 98                | 95               | 80                  | 80               | 111                 | 97               | 99        | 109                                 | 67         | 13          | 15 |
| RAMKAT          |                          | 88                       | 90                      | 72            | 57                | 52                 | 73           | -0.08           | -8.7           | -0.02             | -2.6             | -9.8                | -17              | -10.4               | 2.6              | 8.5       | 4                                   | 3          | 6           |    |
| HOT 170344      | C 110154<br>C 110276     | 103                      | 138                     | 79            | 85                | 92                 | 111          | 107             | 138            | 71                | 79               | 127                 | 115              | 92                  | 95               | 97        | 61                                  | 44         | 7           | 7  |
| THOR            |                          | 88                       | 88                      | 68            | 55                | 62                 | 73           | -0.60           | 18.9           | 1.04              | -7.7             | 17.9                | 12               | 25.8                | 3.1              | 7.0       | 3                                   | 3          | 3           |    |
| OW 140572       | C 110243<br>C 100048     | 112                      | 110                     | 114           | 102               | 101                | 126          | 119             | 110            | 71                | 114              | 106                 | 98               | 102                 | 111              | 91        | 54                                  | 8          | 28          | 75 |
| MODEL 14-0572OW |                          | 92                       | 87                      | 88            | 76                | 81                 | 81           | -1.56           | 6.7            | 1.04              | 2.8              | 5.2                 | -2               | 7.5                 | -1.1             | 1.3       | 4                                   | 2          | 8           |    |
| OW 160160       | C 110505<br>OW 130391    | 100                      | 95                      | 120           | 96                | 98                 | 105          | 104             | 95             | 77                | 120              | 94                  | 101              | 100                 | 89               | 103       | 3                                   | 1          | 1           | 2  |
| MODEL 16-0160OW |                          | 71                       | 60                      | 61            | 51                | 58                 | 57           | -0.33           | -0.5           | 0.82              | 4.7              | -1.6                | 1                | 10.7                | 4.5              | 11.3      | 1                                   | 1          | 1           |    |
| OW 180535       | ZEL 130505<br>C 130203   | 99                       | 105                     | 105           | 89                | 109                | 110          | 100             | 105            | 91                | 105              | 103                 | 109              | 109                 | 108              | 109       | 6                                   | 3          | 2           | 3  |
| 18-0535OW       |                          | 73                       | 63                      | 61            | 50                | 54                 | 58           | -0.02           | 4.0            | 0.28              | 0.3              | 3.8                 | 7                | -5.3                | -0.5             | 16.6      | 3                                   | 1          | 2           |    |
| OW 180552       | ZEL 130505<br>OW 150009  | 113                      | 85                      | 97            | 115               | 118                | 107          | 120             | 85             | 80                | 97               | 90                  | 87               | 120                 | 115              | 107       | 11                                  | 7          | 6           | 14 |
| MODEL 18-0552OW |                          | 77                       | 71                      | 68            | 61                | 57                 | 64           | -1.65           | -4.9           | 0.72              | -2.2             | -3.8                | -11              | -26.0               | -2.2             | 14.5      | 2                                   | 1          | 2           |    |

# Sires of animals

Index  
EBV  
Acc

| Sire                            |                   | Selection Values         |                         |               |                   |                    |              | Calf Weight     |                | Mother            |                  | Growth              |                  | Fertility           |                  |           | Measured Progeny<br>Number of herds |            |             |    |
|---------------------------------|-------------------|--------------------------|-------------------------|---------------|-------------------|--------------------|--------------|-----------------|----------------|-------------------|------------------|---------------------|------------------|---------------------|------------------|-----------|-------------------------------------|------------|-------------|----|
| ID Name                         | Sire ID<br>Dam ID | Calving<br>Ease<br>Value | Calf<br>Growth<br>Value | Milk<br>Value | Mainten.<br>Value | Fertility<br>Value | Cow<br>Value | Birth<br>Direct | Wean<br>Direct | Birth<br>Maternal | Wean<br>Maternal | Post wean<br>weight | Mature<br>Weight | Heifer<br>Fertility | Cow<br>Fertility | Longevity | Birth<br>wt                         | Wean<br>wt | Dgt /Calves |    |
| PB 210120<br>TITAN              | CSA 170062        | 116                      | 95                      | 109           | 88                | 107                | 115          | 120             | 95             | 94                | 109              | 102                 | 110              | 105                 | 93               | 121       | 46                                  | 36         |             |    |
|                                 | CSA 160033        | 85                       | 86                      | 64            | 50                | 51                 | 69           | -1.70           | -0.1           | 0.15              | 1.5              | 3.1                 | 8                | 1.3                 | 3.6              | 26.3      | 3                                   | 1          |             |    |
| TOP 170235<br>SILVER BULLET     | C 130303          | 110                      | 115                     | 60            | 87                | 105                | 94           | 108             | 115            | 148               | 60               | 135                 | 115              | 101                 | 99               | 122       | 240                                 | 188        | 47          | 78 |
|                                 | C 070001          | 97                       | 97                      | 90            | 83                | 79                 | 86           | -0.68           | 8.8            | -1.99             | -13.4            | 22.6                | 12               | 9.5                 | 2.0              | 27.6      | 10                                  | 7          | 9           |    |
| TOP 180127<br>18-0127TOP        | OW 140572         | 81                       | 89                      | 94            | 120               | 121                | 89           | 143             | 89             | 64                | 94               | 76                  | 80               | 122                 | 123              | 107       | 42                                  | 32         | 7           | 9  |
|                                 | C 090140          | 85                       | 85                      | 72            | 59                | 63                 | 72           | -3.54           | -3.2           | 1.33              | -3.1             | -11.9               | -16              | -31.1               | -4.3             | 14.8      | 4                                   | 3          | 3           |    |
| GLENLANDS<br>QUARTERMASTER (ET) | +RSD2134          | 115                      | 151                     | 63            | 75                | 97                 | 123          | 114             | 151            | 83                | 63               | 151                 | 131              | 97                  | 101              | 97        | 2                                   | 3          | 17          | 32 |
|                                 | +U9C4231          | 86                       | 84                      | 81            | 69                | 66                 | 75           | -1.20           | 25.0           | 0.59              | -12.3            | 31.8                | 25               | 15.9                | 1.4              | 6.6       | 1                                   | 1          | 8           |    |
| GLENLANDS PEDERSON<br>(ET)(AI)  | +U9C034340M       | 81                       | 121                     | 94            | 92                | 104                | 100          | 84              | 121            | 98                | 94               | 112                 | 106              | 104                 | 110              | 98        | 1                                   | 3          | 22          | 43 |
|                                 | +U9C055112F       | 87                       | 82                      | 82            | 69                | 72                 | 75           | 1.31            | 11.3           | -0.02             | -3.1             | 9.2                 | 5                | 3.4                 | -0.9             | 7.2       | 1                                   | 1          | 7           |    |

# Breeding Values and Accuracies: Bulls

Index  
EBV  
Acc

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

Inbreeding in red is high

Value <80

Value >120

Breeding values with an accuracy < 5% are not printed

| Animal                                    |          |                          | Selection Value          |                         |                  |                   |                    |                  | Birth                     |                           | Growth                 |                          |                         |                             |                          | Fertility                |                          |                          |
|-------------------------------------------|----------|--------------------------|--------------------------|-------------------------|------------------|-------------------|--------------------|------------------|---------------------------|---------------------------|------------------------|--------------------------|-------------------------|-----------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| ID<br>Animal nr<br>Name                   | % Inbr.  | Sire ID<br>Dam ID        | Calving<br>Ease<br>Value | Calf<br>Growth<br>Value | Milk<br>Value    | Mainten.<br>Value | Fertility<br>Value | Cow<br>Value     | Birth<br>direct           | Birth<br>mat              | Mature<br>weight       | Wean<br>direct           | Wean<br>mat             | Cow-Calf<br>Ratio<br>(Wean) | Post<br>wean<br>weight   | Heifer<br>Fertility      | Cow<br>Fertility         | Long-<br>evity           |
| <b>HOT 170344</b><br>4042367211<br>THOR   | 2        | C 110154<br>C 110276     | <b>103</b><br>88         | <b>138</b><br>88        | <b>79</b><br>68  | <b>85</b><br>55   | <b>92</b><br>62    | <b>111</b><br>73 | <b>107</b><br>-0.60<br>91 | <b>71</b><br>1.04<br>76   | <b>115</b><br>12<br>55 | <b>138</b><br>18.9<br>88 | <b>79</b><br>-7.7<br>68 | <b>108</b><br>17<br>70      | <b>127</b><br>17.9<br>50 | <b>92</b><br>25.8<br>70  | <b>95</b><br>3.1<br>39   | <b>97</b><br>7.0<br>76   |
| <b>AGO 190027</b><br>4042346132<br>HULK   |          | C 130208                 | <b>87</b><br>86          | <b>119</b><br>88        | <b>93</b><br>67  | <b>112</b><br>49  | <b>109</b><br>51   | <b>109</b><br>70 | <b>87</b><br>1.05<br>90   | <b>104</b><br>-0.25<br>70 | <b>90</b><br>-8<br>49  | <b>119</b><br>10.5<br>88 | <b>93</b><br>-3.3<br>67 | <b>115</b><br>32<br>68      | <b>111</b><br>8.7<br>57  | <b>111</b><br>-9.0<br>61 | <b>104</b><br>0.7<br>28  | <b>106</b><br>14.0<br>65 |
| <b>PB 230080</b><br>95994489<br>PB 230080 | 4        | HOT 170344<br>CSA 150033 | <b>101</b><br>66         | <b>119</b><br>67        | <b>88</b><br>53  | <b>88</b><br>40   | <b>100</b><br>43   | <b>106</b><br>55 | <b>103</b><br>-0.26<br>68 | <b>83</b><br>0.58<br>56   | <b>111</b><br>8<br>40  | <b>119</b><br>10.6<br>67 | <b>88</b><br>-4.9<br>53 | <b>102</b><br>6<br>53       | <b>112</b><br>9.0<br>37  | <b>101</b><br>9.6<br>50  | <b>98</b><br>2.1<br>27   | <b>101</b><br>10.2<br>53 |
| <b>PB 230124</b><br>96105507<br>PB 230124 | <u>6</u> | CSA 180194<br>AGO 200052 | <b>119</b><br>65         | <b>119</b><br>67        | <b>90</b><br>57  | <b>94</b><br>43   | <b>105</b><br>45   | <b>125</b><br>56 | <b>117</b><br>-1.46<br>67 | <b>94</b><br>0.16<br>56   | <b>105</b><br>4<br>43  | <b>119</b><br>10.7<br>67 | <b>90</b><br>-4.3<br>57 | <b>106</b><br>14<br>56      | <b>122</b><br>14.9<br>48 | <b>102</b><br>7.6<br>54  | <b>109</b><br>-0.7<br>29 | <b>109</b><br>16.6<br>51 |
| <b>PB 230128</b><br>96105523<br>PB 230128 | <u>8</u> | HOT 170344<br>HS 190011  | <b>110</b><br>64         | <b>117</b><br>65        | <b>86</b><br>52  | <b>111</b><br>42  | <b>103</b><br>45   | <b>116</b><br>54 | <b>114</b><br>-1.14<br>67 | <b>70</b><br>1.09<br>54   | <b>91</b><br>-7<br>42  | <b>117</b><br>9.8<br>65  | <b>86</b><br>-5.3<br>52 | <b>107</b><br>15<br>53      | <b>113</b><br>9.4<br>38  | <b>102</b><br>6.9<br>49  | <b>106</b><br>0.2<br>34  | <b>101</b><br>10.1<br>52 |
| <b>PB 230146</b><br>96276787<br>PB 230146 | 2        | AGO 190027<br>CSA 180126 | <b>104</b><br>64         | <b>116</b><br>64        | <b>90</b><br>50  | <b>110</b><br>34  | <b>106</b><br>38   | <b>114</b><br>52 | <b>102</b><br>-0.20<br>67 | <b>98</b><br>-0.02<br>50  | <b>93</b><br>-6<br>34  | <b>116</b><br>9.3<br>64  | <b>90</b><br>-4.2<br>50 | <b>108</b><br>18<br>49      | <b>112</b><br>9.0<br>36  | <b>104</b><br>3.2<br>44  | <b>108</b><br>-0.5<br>25 | <b>108</b><br>16.0<br>46 |
| <b>PB 240102</b><br>97722425<br>PB 240102 | <u>6</u> | HOT 170344<br>CSA 200017 | <b>113</b><br>64         | <b>116</b><br>66        | <b>88</b><br>52  | <b>79</b><br>41   | <b>100</b><br>42   | <b>111</b><br>54 | <b>115</b><br>-1.27<br>67 | <b>71</b><br>1.05<br>53   | <b>122</b><br>18<br>41 | <b>116</b><br>9.3<br>66  | <b>88</b><br>-4.7<br>52 | <b>96</b><br>-6<br>53       | <b>114</b><br>10.2<br>34 | <b>100</b><br>10.4<br>46 | <b>96</b><br>2.6<br>28   | <b>105</b><br>13.6<br>51 |
| <b>PB 240128</b><br>98009855<br>PB 240128 | 2        | AGO 190027<br>PB 220025  | <b>95</b><br>61          | <b>113</b><br>62        | <b>98</b><br>45  | <b>103</b><br>34  | <b>110</b><br>34   | <b>112</b><br>49 | <b>95</b><br>0.38<br>64   | <b>97</b><br>0.05<br>47   | <b>98</b><br>-2<br>34  | <b>113</b><br>7.8<br>62  | <b>98</b><br>-1.7<br>45 | <b>112</b><br>24<br>47      | <b>108</b><br>6.6<br>37  | <b>109</b><br>-6.7<br>39 | <b>106</b><br>0.2<br>20  | <b>111</b><br>18.0<br>44 |
| <b>PB 240139</b><br>98437619<br>PB 240139 | 3        | CSA 150066<br>CSA 160127 | <b>111</b><br>61         | <b>103</b><br>58        | <b>99</b><br>56  | <b>108</b><br>46  | <b>99</b><br>49    | <b>109</b><br>52 | <b>109</b><br>-0.74<br>62 | <b>93</b><br>0.19<br>58   | <b>94</b><br>-5<br>46  | <b>103</b><br>3.3<br>58  | <b>99</b><br>-1.6<br>56 | <b>104</b><br>10<br>53      | <b>94</b><br>-1.5<br>43  | <b>96</b><br>18.3<br>57  | <b>108</b><br>-0.5<br>34 | <b>104</b><br>12.2<br>57 |
| <b>PB 250099</b><br>99527442<br>PB 250099 | 4        | PB 210120<br>CSA 160030  | <b>113</b><br>65         | <b>96</b><br>66         | <b>94</b><br>52  | <b>110</b><br>39  | <b>107</b><br>40   | <b>107</b><br>54 | <b>123</b><br>-1.91<br>68 | <b>95</b><br>0.12<br>53   | <b>93</b><br>-6<br>39  | <b>96</b><br>0.4<br>66   | <b>94</b><br>-3.1<br>52 | <b>93</b><br>-10<br>52      | <b>97</b><br>0.4<br>34   | <b>106</b><br>0.5<br>42  | <b>99</b><br>1.9<br>27   | <b>114</b><br>20.8<br>50 |
| <b>PB 250101</b><br>99528168<br>PB 250101 | <u>8</u> | HOT 170344<br>HS 190014  | <b>100</b><br>64         | <b>129</b><br>66        | <b>88</b><br>51  | <b>88</b><br>40   | <b>100</b><br>45   | <b>113</b><br>54 | <b>106</b><br>-0.50<br>67 | <b>67</b><br>1.22<br>54   | <b>111</b><br>9<br>40  | <b>129</b><br>15.1<br>66 | <b>88</b><br>-4.9<br>51 | <b>111</b><br>23<br>52      | <b>124</b><br>15.8<br>38 | <b>98</b><br>14.2<br>49  | <b>109</b><br>-0.6<br>34 | <b>99</b><br>8.5<br>53   |
| <b>PB 250140</b><br>99615411<br>PB 250140 | 4        | PB 210120<br>TOP 170254  | <b>97</b><br>65          | <b>116</b><br>66        | <b>115</b><br>51 | <b>69</b><br>33   | <b>105</b><br>36   | <b>118</b><br>52 | <b>96</b><br>0.29<br>68   | <b>101</b><br>-0.13<br>51 | <b>135</b><br>28<br>33 | <b>116</b><br>9.3<br>66  | <b>115</b><br>3.2<br>51 | <b>115</b><br>31<br>50      | <b>121</b><br>14.6<br>33 | <b>102</b><br>7.6<br>42  | <b>104</b><br>0.5<br>21  | <b>113</b><br>19.5<br>46 |

# Breeding Values and Accuracies: Bulls

Index  
EBV  
Acc

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

Inbreeding in red is high

Value <80

Value >120

Breeding values with an accuracy < 5% are not printed

| Animal                               |         |                         | Selection Value          |                         |               |                   |                    |              | Birth              |                  | Growth           |                   |                  |                             |                        | Fertility           |                  |                   |
|--------------------------------------|---------|-------------------------|--------------------------|-------------------------|---------------|-------------------|--------------------|--------------|--------------------|------------------|------------------|-------------------|------------------|-----------------------------|------------------------|---------------------|------------------|-------------------|
| ID<br>Animal nr<br>Name              | % Inbr. | Sire ID<br>Dam ID       | Calving<br>Ease<br>Value | Calf<br>Growth<br>Value | Milk<br>Value | Mainten.<br>Value | Fertility<br>Value | Cow<br>Value | Birth<br>direct    | Birth<br>mat     | Mature<br>weight | Wean<br>direct    | Wean<br>mat      | Cow-Calf<br>Ratio<br>(Wean) | Post<br>wean<br>weight | Heifer<br>Fertility | Cow<br>Fertility | Long-<br>evity    |
| PB 260006<br>99981094<br>PB 260006   | 12      | PB 210120<br>PB 220055  | 105<br>62                | 104<br>55               | 94<br>44      | 89<br>33          | 110<br>35          | 106<br>47    | 127<br>-2.24<br>66 | 82<br>0.62<br>47 | 109<br>7<br>33   | 104<br>3.7<br>55  | 94<br>-3.0<br>44 | 94<br>-8<br>44              | 109<br>7.4<br>30       | 106<br>-1.2<br>40   | 106<br>0.3<br>23 | 118<br>24.0<br>42 |
| PB 260011<br>6020188014<br>PB 260011 | 7       | PB 210120<br>PB 220052  | 109<br>61                | 111<br>55               | 95<br>43      | 90<br>34          | 103<br>36          | 111<br>46    | 107<br>-0.63<br>65 | 93<br>0.21<br>47 | 108<br>6<br>34   | 111<br>6.8<br>55  | 95<br>-2.8<br>43 | 102<br>6<br>44              | 111<br>8.4<br>30       | 103<br>6.0<br>41    | 93<br>3.5<br>24  | 113<br>20.1<br>43 |
| PB 260024<br>6020323280<br>PB 260024 | 6       | HOT 170344<br>PB 210102 | 110<br>62                | 119<br>50               | 88<br>44      | 89<br>35          | 102<br>39          | 114<br>46    | 113<br>-1.07<br>65 | 73<br>0.99<br>50 | 110<br>8<br>35   | 119<br>10.7<br>50 | 88<br>-4.9<br>44 | 102<br>6<br>43              | 113<br>9.6<br>30       | 101<br>9.6<br>45    | 106<br>0.2<br>25 | 103<br>11.4<br>47 |
| PB 260046<br>6020827017<br>PB 260046 | 2       | AGO 190027<br>PB 230113 | 98<br>61                 | 108<br>53               | 96<br>45      | 102<br>34         | 108<br>37          | 107<br>46    | 98<br>0.15<br>64   | 97<br>0.03<br>48 | 99<br>-1<br>34   | 108<br>5.7<br>53  | 96<br>-2.3<br>45 | 105<br>11<br>44             | 107<br>6.1<br>36       | 108<br>-3.3<br>44   | 102<br>1.3<br>22 | 110<br>17.1<br>44 |
| PB 260047<br>6020827025<br>PB 260047 | 2       | AGO 190027<br>PB 230130 | 95<br>60                 | 116<br>54               | 90<br>41      | 106<br>31         | 106<br>32          | 107<br>45    | 97<br>0.23<br>64   | 91<br>0.26<br>46 | 96<br>-3<br>31   | 116<br>9.0<br>54  | 90<br>-4.2<br>41 | 107<br>15<br>42             | 109<br>7.3<br>32       | 106<br>0.0<br>37    | 104<br>0.6<br>19 | 106<br>13.8<br>41 |

# Breeding Values and Accuracies: Cows

Index  
EBV  
Acc

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

Inbreeding in red is high

Value <80

Value >120

Breeding values with an accuracy < 5% are not printed

| Animal     |           |            | Selection Value |        |       |          |           |       | Birth  |       | Growth |        |      |          |      | Fertility |           |       |
|------------|-----------|------------|-----------------|--------|-------|----------|-----------|-------|--------|-------|--------|--------|------|----------|------|-----------|-----------|-------|
| ID         | Animal nr | Sire ID    | Calving         | Calf   | Milk  | Mainten. | Fertility | Cow   | Birth  | Birth | Mature | Wean   | Wean | Cow-Calf | Post | Heifer    | Cow       | Long- |
| Name       | % Inbr.   | Dam ID     | Ease            | Growth | Value | Value    | Value     | Value | direct | mat   | weight | direct | mat  | Ratio    | wean | Fertility | Fertility | evity |
| CSA 140017 | 5         | C 110151   | 104             | 93     | 127   | 76       | 110       | 116   | 100    | 108   | 122    | 93     | 127  | 110      | 98   | 111       | 115       | 101   |
| 4041261456 |           | DO 060053  | 76              | 72     | 80    | 50       | 57        | 65    | -0.04  | -0.40 | 18     | -1.4   | 6.7  | 22       | 0.6  | -9.2      | -2.1      | 10.0  |
| 14-0017CSA |           |            |                 |        |       |          |           |       | 75     | 78    | 50     | 72     | 80   | 67       | 54   | 68        | 30        | 73    |
| CSA 150033 | 6         | C 130009   | 88              | 104    | 99    | 94       | 107       | 98    | 90     | 99    | 104    | 104    | 99   | 102      | 100  | 109       | 103       | 104   |
| 4041553399 |           | C 130253   | 78              | 74     | 78    | 59       | 60        | 67    | 0.83   | -0.03 | 3      | 3.9    | -1.4 | 6        | 2.2  | -6.2      | 1.0       | 12.1  |
| 15-0033CSA |           |            |                 |        |       |          |           |       | 78     | 79    | 59     | 74     | 78   | 70       | 54   | 72        | 39        | 70    |
| CSA 160030 | 7         | C 110154   | 120             | 87     | 88    | 134      | 107       | 105   | 118    | 99    | 59     | 87     | 88   | 91       | 83   | 108       | 104       | 108   |
| 4041636582 |           | C 090353   | 76              | 72     | 80    | 59       | 59        | 66    | -1.51  | -0.06 | -33    | -3.9   | -4.9 | -15      | -8.0 | -3.4      | 0.8       | 15.4  |
| 16-0030CSA |           |            |                 |        |       |          |           |       | 76     | 78    | 59     | 72     | 80   | 70       | 52   | 64        | 41        | 72    |
| CSA 160033 | 5         | C 110500   | 124             | 102    | 115   | 82       | 98        | 123   | 116    | 109   | 116    | 102    | 115  | 110      | 101  | 100       | 84        | 105   |
| 4041636764 |           | DO 050010  | 77              | 75     | 80    | 63       | 59        | 68    | -1.32  | -0.45 | 13     | 2.9    | 3.2  | 22       | 2.6  | 10.9      | 5.8       | 13.2  |
| 16-0033CSA |           |            |                 |        |       |          |           |       | 77     | 77    | 63     | 75     | 80   | 73       | 52   | 64        | 39        | 74    |
| CSA 160085 |           | C 110505   | 91              | 101    | 101   | 110      | 120       | 108   | 90     | 107   | 92     | 101    | 101  | 104      | 96   | 129       | 103       | 98    |
| 4041740509 |           |            | 70              | 61     | 70    | 45       | 57        | 58    | 0.82   | -0.38 | -7     | 2.2    | -1.1 | 11       | -0.2 | -44.0     | 0.8       | 7.1   |
| 16-0085CSA |           |            |                 |        |       |          |           |       | 69     | 72    | 45     | 61     | 70   | 59       | 45   | 62        | 46        | 62    |
| CSA 170051 | 7         | C 110505   | 119             | 93     | 98    | 104      | 105       | 109   | 114    | 99    | 98     | 93     | 98   | 92       | 94   | 104       | 98        | 112   |
| 4041871940 |           | C 090107   | 76              | 70     | 77    | 58       | 66        | 66    | -1.19  | -0.04 | -2     | -1.2   | -1.8 | -12      | -1.6 | 3.9       | 2.3       | 18.7  |
| 17-0051CSA |           |            |                 |        |       |          |           |       | 76     | 78    | 58     | 70     | 77   | 68       | 57   | 74        | 53        | 72    |
| TOP 170254 | 1         | CSA 140057 | 97              | 111    | 123   | 67       | 104       | 118   | 96     | 100   | 136    | 111    | 123  | 117      | 117  | 101       | 112       | 104   |
| 4042058513 |           | CSA 140017 | 76              | 73     | 77    | 43       | 52        | 64    | 0.27   | -0.08 | 29     | 6.9    | 5.6  | 35       | 11.9 | 8.5       | -1.5      | 12.1  |
| 17-0254TOP |           |            |                 |        |       |          |           |       | 76     | 74    | 43     | 73     | 77   | 64       | 48   | 64        | 27        | 64    |
| CSA 180034 | 1         | C 110505   | 109             | 87     | 104   | 114      | 104       | 102   | 123    | 80    | 87     | 87     | 104  | 97       | 88   | 106       | 102       | 100   |
| 4042126641 |           | C 100033   | 75              | 70     | 74    | 58       | 62        | 65    | -1.92  | 0.71  | -11    | -3.7   | 0.0  | -3       | -4.8 | 0.0       | 1.0       | 8.7   |
| 18-0034CSA |           |            |                 |        |       |          |           |       | 75     | 76    | 58     | 70     | 74   | 67       | 54   | 64        | 51        | 71    |
| CSA 180126 | 8         | CSA 150029 | 118             | 110    | 90    | 112      | 102       | 117   | 114    | 94    | 91     | 110    | 90   | 103      | 109  | 98        | 112       | 106   |
| 4042255937 |           | CSA 160062 | 72              | 62     | 71    | 45       | 56        | 59    | -1.22  | 0.15  | -8     | 6.5    | -4.2 | 9        | 7.4  | 14.2      | -1.5      | 14.4  |
| 18-0126CSA |           |            |                 |        |       |          |           |       | 73     | 70    | 45     | 62     | 71   | 59       | 45   | 63        | 42        | 63    |
| HS 190008  | 4         | OW 160160  | 92              | 110    | 129   | 66       | 104       | 118   | 95     | 88    | 137    | 110    | 129  | 122      | 106  | 104       | 111       | 99    |
| 4042979205 |           | OW 160218  | 53              | 50     | 57    | 43       | 45        | 47    | 0.42   | 0.40  | 30     | 6.6    | 7.5  | 44       | 5.6  | 3.8       | -1.1      | 8.0   |
| 19-0008HS  |           |            |                 |        |       |          |           |       | 53     | 51    | 43     | 50     | 57   | 50       | 36   | 46        | 33        | 56    |
| HS 190011  | 5         | C 110505   | 111             | 93     | 97    | 134      | 113       | 113   | 119    | 70    | 58     | 93     | 97   | 109      | 95   | 113       | 116       | 104   |
| 4042378861 |           | HS 150031  | 73              | 69     | 76    | 64       | 64        | 65    | -1.62  | 1.11  | -34    | -1.1   | -2.2 | 19       | -1.2 | -13.2     | -2.5      | 12.3  |
| 19-0011HS  |           |            |                 |        |       |          |           |       | 72     | 75    | 64     | 69     | 76   | 70       | 55   | 69        | 53        | 69    |
| HS 190014  | 5         | C 110505   | 108             | 98     | 105   | 118      | 108       | 115   | 113    | 61    | 81     | 98     | 105  | 112      | 99   | 107       | 119       | 100   |
| 4042378895 |           | HS 150031  | 72              | 68     | 74    | 58       | 63        | 64    | -1.07  | 1.46  | -15    | 1.0    | 0.3  | 24       | 1.5  | -2.9      | -3.2      | 8.7   |
| 19-0014HS  |           |            |                 |        |       |          |           |       | 72     | 73    | 58     | 68     | 74   | 67       | 55   | 68        | 53        | 68    |

# Breeding Values and Accuracies: Cows

Index  
EBV  
Acc

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

Inbreeding in red is high

Value <80

Value >120

Breeding values with an accuracy < 5% are not printed

| Animal                                 |         |                          | Selection Value          |                         |               |                   |                    |              | Birth              |                    | Growth           |                   |                   |                             |                        |                     | Fertility         |                   |  |
|----------------------------------------|---------|--------------------------|--------------------------|-------------------------|---------------|-------------------|--------------------|--------------|--------------------|--------------------|------------------|-------------------|-------------------|-----------------------------|------------------------|---------------------|-------------------|-------------------|--|
| ID<br>Animal nr<br>Name                | % Inbr. | Sire ID<br>Dam ID        | Calving<br>Ease<br>Value | Calf<br>Growth<br>Value | Milk<br>Value | Mainten.<br>Value | Fertility<br>Value | Cow<br>Value | Birth<br>direct    | Birth<br>mat       | Mature<br>weight | Wean<br>direct    | Wean<br>mat       | Cow-Calf<br>Ratio<br>(Wean) | Post<br>wean<br>weight | Heifer<br>Fertility | Cow<br>Fertility  | Long-<br>evity    |  |
| HS 190017<br>4042378929<br>19-0017HS   | 10      | OW 140572<br>HS 150031   | 108<br>69                | 112<br>62               | 104<br>68     | 110<br>56         | 103<br>58          | 120<br>59    | 112<br>-1.04<br>69 | 62<br>1.41<br>69   | 92<br>-7<br>56   | 112<br>7.1<br>62  | 104<br>0.1<br>68  | 119<br>39<br>62             | 108<br>7.0<br>47       | 102<br>8.0<br>65    | 121<br>-3.7<br>44 | 93<br>3.2<br>66   |  |
| HS 190032<br>4042379075<br>19-0032HS   | 1       | C 110505<br>OW 130391    | 104<br>70                | 94<br>64                | 118<br>71     | 119<br>55         | 100<br>61          | 111<br>61    | 107<br>-0.57<br>70 | 78<br>0.80<br>72   | 79<br>-17<br>55  | 94<br>-0.7<br>64  | 118<br>4.2<br>71  | 123<br>45<br>63             | 93<br>-2.1<br>50       | 104<br>3.1<br>68    | 87<br>5.1<br>50   | 102<br>10.9<br>66 |  |
| HS 190044<br>4042379190<br>19-0044HS   | 10      | OW 140572<br>OW 140476   | 113<br>70                | 107<br>64               | 109<br>71     | 121<br>57         | 114<br>59          | 133<br>61    | 115<br>-1.27<br>70 | 74<br>0.94<br>71   | 77<br>-19<br>57  | 107<br>5.0<br>64  | 109<br>1.5<br>71  | 127<br>53<br>64             | 104<br>4.3<br>46       | 113<br>-14.2<br>66  | 129<br>-5.9<br>44 | 98<br>7.7<br>66   |  |
| HS 190050<br>4042379257<br>19-0050HS   | 10      | OW 140572<br>HS 150031   | 112<br>71                | 109<br>67               | 99<br>75      | 97<br>57          | 109<br>60          | 119<br>63    | 115<br>-1.29<br>71 | 64<br>1.32<br>73   | 102<br>1<br>57   | 109<br>6.1<br>67  | 99<br>-1.7<br>75  | 107<br>15<br>66             | 106<br>5.6<br>47       | 107<br>-2.7<br>68   | 124<br>-4.5<br>44 | 99<br>8.2<br>67   |  |
| HS 190095<br>4042410169<br>19-0095HS   | 7       | OW 140572<br>OW 160143   | 106<br>73                | 112<br>71               | 107<br>73     | 95<br>58          | 107<br>58          | 121<br>64    | 107<br>-0.60<br>74 | 85<br>0.50<br>71   | 103<br>2<br>58   | 112<br>7.3<br>71  | 107<br>0.9<br>73  | 117<br>35<br>67             | 109<br>7.6<br>45       | 105<br>0.9<br>66    | 118<br>-3.1<br>43 | 99<br>8.0<br>65   |  |
| AGO 200052<br>4042542821<br>20-0052AGO |         | AGO 160049               | 119<br>66                | 128<br>71               | 70<br>74      | 79<br>55          | 107<br>52          | 118<br>62    | 115<br>-1.25<br>66 | 97<br>0.02<br>66   | 125<br>20<br>55  | 128<br>14.5<br>71 | 70<br>-10.1<br>74 | 88<br>-20<br>67             | 126<br>17.4<br>48      | 107<br>-2.2<br>68   | 101<br>1.4<br>27  | 109<br>16.7<br>61 |  |
| CSA 200017<br>4042513004<br>20-0017CSA | 4       | CSA 170062<br>C 100033   | 114<br>71                | 98<br>69                | 100<br>75     | 76<br>60          | 108<br>54          | 109<br>63    | 116<br>-1.32<br>71 | 74<br>0.93<br>71   | 126<br>21<br>60  | 98<br>1.1<br>69   | 100<br>-1.1<br>75 | 89<br>-18<br>68             | 104<br>4.3<br>46       | 109<br>-5.1<br>60   | 98<br>2.2<br>38   | 112<br>19.0<br>64 |  |
| CSA 200024<br>4042622946<br>20-0024CSA | 3       | CSA 160056<br>CSA 180023 | 114<br>71                | 103<br>65               | 97<br>72      | 119<br>62         | 92<br>51           | 107<br>60    | 112<br>-1.00<br>72 | 91<br>0.27<br>69   | 82<br>-15<br>62  | 103<br>3.2<br>65  | 97<br>-2.3<br>72  | 107<br>16<br>66             | 104<br>4.5<br>43       | 88<br>34.0<br>54    | 95<br>3.1<br>37   | 110<br>17.1<br>61 |  |
| CTM 210014<br>4042687972<br>21-0014CTM | 1       | CTM 130203<br>CSA 160030 | 115<br>71                | 96<br>65                | 73<br>72      | 123<br>57         | 113<br>49          | 101<br>60    | 122<br>-1.82<br>72 | 98<br>0.01<br>67   | 78<br>-18<br>57  | 96<br>0.2<br>65   | 73<br>-9.4<br>72  | 76<br>-42<br>65             | 101<br>2.5<br>46       | 112<br>-12.1<br>54  | 117<br>-2.8<br>32 | 107<br>14.9<br>62 |  |
| PB 210099<br>4042875106<br>21-0099PB   | 10      | OW 180552<br>HS 190011   | 108<br>68                | 88<br>59                | 93<br>68      | 132<br>51         | 119<br>50          | 108<br>56    | 121<br>-1.75<br>69 | 69<br>1.14<br>62   | 62<br>-31<br>51  | 88<br>-3.5<br>59  | 93<br>-3.2<br>68  | 97<br>-3<br>59              | 91<br>-3.1<br>38       | 120<br>-25.9<br>60  | 118<br>-3.0<br>35 | 109<br>16.4<br>54 |  |
| PB 210102<br>4042875114<br>21-0102PB   | 8       | OW 180535<br>HS 190050   | 107<br>66                | 106<br>49               | 99<br>55      | 94<br>45          | 111<br>46          | 115<br>49    | 109<br>-0.80<br>68 | 78<br>0.79<br>60   | 105<br>3<br>45   | 106<br>4.5<br>49  | 99<br>-1.6<br>55  | 102<br>7<br>50              | 103<br>3.9<br>34       | 109<br>-6.6<br>57   | 117<br>-2.6<br>28 | 108<br>15.9<br>54 |  |
| PB 210104<br>4042875130<br>21-0104PB   | 1       | CSA 180201<br>CSA 170051 | 100<br>70                | 98<br>56                | 99<br>60      | 110<br>40         | 104<br>52          | 100<br>54    | 97<br>0.19<br>71   | 105<br>-0.30<br>66 | 92<br>-6<br>40   | 98<br>0.9<br>56   | 99<br>-1.6<br>60  | 100<br>2<br>52              | 96<br>-0.5<br>42       | 106<br>0.6<br>62    | 96<br>2.7<br>37   | 104<br>12.5<br>57 |  |

# Breeding Values and Accuracies: Cows

Index  
EBV  
Acc

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

Inbreeding in red is high

Value <80

Value >120

Breeding values with an accuracy < 5% are not printed

| Animal     |           |            | Selection Value |              |       |          |           | Birth  |       | Growth |        |       |              |             | Fertility |           |       |
|------------|-----------|------------|-----------------|--------------|-------|----------|-----------|--------|-------|--------|--------|-------|--------------|-------------|-----------|-----------|-------|
| ID         | Animal nr | Sire ID    | Calving         | Calf         | Milk  | Mainten. | Fertility | Birth  | Birth | Mature | Wean   | Wean  | Cow-Calf     | Post        | Heifer    | Cow       | Long- |
| Name       | % Inbr.   | Dam ID     | Ease Value      | Growth Value | Value | Value    | Value     | direct | mat   | weight | direct | mat   | Ratio (Wean) | wean weight | Fertility | Fertility | evity |
| PB 220014  | 7         | CTM 180004 | 114             | 81           | 88    | 130      | 108       | 111    | 98    | 66     | 81     | 88    | 81           | 80          | 110       | 100       | 105   |
| 4042926685 |           | CSA 160030 | 67              | 60           | 60    | 48       | 41        | -0.91  | 0.00  | -28    | -6.8   | -4.8  | -33          | -9.6        | -7.4      | 1.8       | 13.1  |
| 22-0014PB  |           |            |                 |              |       |          |           | 68     | 63    | 48     | 60     | 60    | 56           | 38          | 43        | 26        | 55    |
| PB 220025  | 5         | TOP 180127 | 117             | 102          | 99    | 96       | 110       | 117    | 83    | 102    | 102    | 99    | 101          | 100         | 108       | 107       | 111   |
| 4042969891 |           | TOP 170219 | 60              | 56           | 57    | 45       | 44        | -1.46  | 0.58  | 2      | 2.9    | -1.4  | 4            | 1.7         | -4.7      | -0.2      | 18.5  |
| 22-0025PB  |           |            |                 |              |       |          |           | 61     | 58    | 45     | 56     | 57    | 53           | 48          | 49        | 28        | 55    |
| PB 220048  | 2         | CSA 190150 | 98              | 146          | 63    | 96       | 96        | 132    | 81    | 105    | 146    | 63    | 104          | 151         | 89        | 111       | 109   |
| 4043085465 |           | CSA 200038 | 69              | 67           | 58    | 46       | 47        | -2.64  | 0.65  | 3      | 22.7   | -12.5 | 10           | 31.8        | 32.2      | -1.0      | 16.7  |
| 22-0048PB  |           |            |                 |              |       |          |           | 71     | 62    | 46     | 67     | 58    | 57           | 41          | 59        | 30        | 51    |
| PB 220052  | 6         | HOT 170344 | 112             | 117          | 77    | 93       | 100       | 112    | 84    | 106    | 117    | 77    | 91           | 111         | 100       | 93        | 106   |
| 4043085473 |           | CSA 170051 | 68              | 67           | 59    | 47       | 51        | -0.98  | 0.54  | 5      | 9.6    | -8.1  | -15          | 8.8         | 10.7      | 3.4       | 13.9  |
| 22-0052PB  |           |            |                 |              |       |          |           | 70     | 62    | 47     | 67     | 59    | 58           | 38          | 59        | 37        | 56    |
| PB 220055  | 9         | CSA 190006 | 98              | 114          | 80    | 91       | 112       | 130    | 72    | 108    | 114    | 80    | 90           | 118         | 108       | 118       | 115   |
| 4043085499 |           | CSA 200017 | 68              | 68           | 61    | 42       | 47        | -2.47  | 1.03  | 6      | 8.4    | -7.3  | -16          | 12.7        | -3.7      | -3.1      | 21.7  |
| 22-0055PB  |           |            |                 |              |       |          |           | 70     | 62    | 42     | 68     | 61    | 57           | 40          | 57        | 31        | 53    |
| PB 220059  | 8         | HOT 170344 | 113             | 121          | 95    | 81       | 94        | 111    | 91    | 119    | 121    | 95    | 107          | 115         | 94        | 85        | 106   |
| 4043085515 |           | CSA 160033 | 69              | 68           | 60    | 48       | 48        | -0.93  | 0.26  | 15     | 11.3   | -2.6  | 16           | 10.7        | 21.6      | 5.6       | 14.1  |
| 22-0059PB  |           |            |                 |              |       |          |           | 71     | 62    | 48     | 68     | 60    | 59           | 36          | 57        | 31        | 57    |
| PB 220065  | 10        | CSA 170062 | 100             | 101          | 100   | 92       | 110       | 102    | 85    | 106    | 101    | 100   | 98           | 105         | 109       | 102       | 114   |
| 4043085549 |           | CSA 150033 | 66              | 61           | 64    | 53       | 50        | -0.19  | 0.49  | 5      | 2.3    | -1.4  | -1           | 5.2         | -6.8      | 1.1       | 20.5  |
| 22-0065PB  |           |            |                 |              |       |          |           | 66     | 66    | 53     | 61     | 64    | 59           | 46          | 58        | 33        | 59    |
| PB 220081  | 5         | CSA 170062 | 111             | 91           | 99    | 106      | 113       | 121    | 80    | 96     | 91     | 99    | 92           | 98          | 112       | 110       | 114   |
| 4043085564 |           | CSA 180034 | 65              | 60           | 63    | 54       | 54        | -1.78  | 0.71  | -4     | -2.2   | -1.4  | -12          | 0.7         | -11.2     | -0.8      | 20.5  |
| 22-0081PB  |           |            |                 |              |       |          |           | 65     | 65    | 54     | 60     | 63    | 59           | 46          | 62        | 40        | 59    |
| PB 220082  | 3         | CSA 170062 | 113             | 101          | 105   | 77       | 114       | 111    | 93    | 123    | 101    | 105   | 97           | 110         | 110       | 116       | 116   |
| 4043085572 |           | TOP 170254 | 65              | 63           | 68    | 50       | 51        | -0.89  | 0.19  | 19     | 2.3    | 0.2   | -4           | 8.0         | -8.4      | -2.4      | 22.3  |
| 22-0082PB  |           |            |                 |              |       |          |           | 65     | 64    | 50     | 63     | 68    | 60           | 44          | 62        | 33        | 57    |
| PB 220084  | 3         | CSA 170062 | 113             | 101          | 107   | 79       | 105       | 110    | 95    | 121    | 101    | 107   | 100          | 111         | 102       | 104       | 115   |
| 4043085598 |           | TOP 170254 | 63              | 61           | 63    | 44       | 49        | -0.89  | 0.13  | 17     | 2.4    | 0.9   | 2            | 8.2         | 8.1       | 0.6       | 21.9  |
| 22-0084PB  |           |            |                 |              |       |          |           | 63     | 61    | 44     | 61     | 63    | 56           | 44          | 62        | 30        | 56    |
| PB 220085  | 5         | CSA 170062 | 112             | 92           | 103   | 102      | 106       | 120    | 81    | 99     | 92     | 103   | 96           | 99          | 105       | 101       | 114   |
| 4043085606 |           | CSA 180034 | 65              | 58           | 57    | 49       | 53        | -1.71  | 0.66  | -1     | -1.8   | -0.3  | -6           | 1.3         | 2.0       | 1.5       | 20.5  |
| 22-0085PB  |           |            |                 |              |       |          |           | 65     | 64    | 49     | 58     | 57    | 55           | 46          | 62        | 38        | 58    |
| PB 220120  | 8         | HOT 170344 | 114             | 103          | 93    | 125      | 104       | 116    | 69    | 74     | 103    | 93    | 107          | 100         | 104       | 103       | 104   |
| 4043088360 |           | HS 190011  | 67              | 64           | 52    | 42       | 46        | -1.38  | 1.14  | -22    | 3.5    | -3.4  | 17           | 1.8         | 3.1       | 0.9       | 12.4  |
| 22-0120PB  |           |            |                 |              |       |          |           | 69     | 60    | 42     | 64     | 52    | 53           | 38          | 49        | 34        | 55    |

# Breeding Values and Accuracies: Cows

Index  
EBV  
Acc

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

Inbreeding in red is high

Value <80

Value >120

Breeding values with an accuracy < 5% are not printed

| Animal                             |         |                          | Selection Value          |                         |               |                   |                    |              | Birth              |                    | Growth           |                   |                   |                             |                        | Fertility           |                   |                   |
|------------------------------------|---------|--------------------------|--------------------------|-------------------------|---------------|-------------------|--------------------|--------------|--------------------|--------------------|------------------|-------------------|-------------------|-----------------------------|------------------------|---------------------|-------------------|-------------------|
| ID<br>Animal nr<br>Name            | % Inbr. | Sire ID<br>Dam ID        | Calving<br>Ease<br>Value | Calf<br>Growth<br>Value | Milk<br>Value | Mainten.<br>Value | Fertility<br>Value | Cow<br>Value | Birth<br>direct    | Birth<br>mat       | Mature<br>weight | Wean<br>direct    | Wean<br>mat       | Cow-Calf<br>Ratio<br>(Wean) | Post<br>wean<br>weight | Heifer<br>Fertility | Cow<br>Fertility  | Long-<br>evity    |
| PB 230023<br>95522397<br>PB 230023 | 4       | HOT 170344<br>CSA 180054 | 94<br>57                 | 126<br>55               | 89<br>55      | 90<br>43          | 99<br>40           | 108<br>49    | 98<br>0.17<br>58   | 85<br>0.52<br>54   | 109<br>7<br>43   | 126<br>13.9<br>55 | 89<br>-4.5<br>55  | 110<br>22<br>51             | 116<br>11.3<br>32      | 97<br>17.2<br>48    | 102<br>1.1<br>24  | 104<br>12.2<br>49 |
| PB 230039<br>95994380<br>PB 230039 | 9       | AGO 180120<br>CSA 150033 | 87<br>58                 | 114<br>59               | 86<br>60      | 88<br>50          | 109<br>47          | 96<br>52     | 86<br>1.13<br>58   | 109<br>-0.46<br>58 | 112<br>9<br>50   | 114<br>8.1<br>59  | 86<br>-5.4<br>60  | 95<br>-8<br>56              | 106<br>5.8<br>42       | 108<br>-4.8<br>61   | 113<br>-1.6<br>26 | 106<br>13.8<br>54 |
| PB 230042<br>95994448<br>PB 230042 | 9       | AGO 180120<br>CSA 150033 | 84<br>58                 | 115<br>56               | 90<br>54      | 95<br>44          | 109<br>47          | 99<br>50     | 84<br>1.27<br>58   | 108<br>-0.42<br>58 | 104<br>3<br>44   | 115<br>8.7<br>56  | 90<br>-4.3<br>54  | 102<br>7<br>51              | 108<br>6.6<br>42       | 109<br>-5.3<br>61   | 113<br>-1.8<br>26 | 102<br>10.7<br>54 |
| PB 230045<br>95994463<br>PB 230045 | 1       | AGO 180120<br>CSA 160033 | 109<br>58                | 112<br>60               | 97<br>61      | 92<br>52          | 105<br>47          | 115<br>53    | 102<br>-0.15<br>58 | 123<br>-1.01<br>58 | 106<br>5<br>52   | 112<br>7.2<br>60  | 97<br>-2.1<br>61  | 106<br>13<br>58             | 106<br>5.5<br>42       | 104<br>3.8<br>59    | 104<br>0.6<br>26  | 106<br>14.2<br>56 |
| PB 230046<br>95994455<br>PB 230046 | 4       | CSA 170062<br>CSA 160033 | 118<br>64                | 97<br>62                | 104<br>65     | 82<br>55          | 106<br>52          | 114<br>57    | 119<br>-1.58<br>64 | 97<br>0.05<br>63   | 117<br>14<br>55  | 97<br>0.7<br>62   | 104<br>-0.1<br>65 | 95<br>-8<br>61              | 103<br>4.0<br>45       | 107<br>-1.7<br>64   | 94<br>3.4<br>33   | 114<br>21.0<br>59 |
| PB 230047<br>95994398<br>PB 230047 | 2       | CSA 200048<br>CSA 170051 | 114<br>60                | 123<br>53               | 88<br>50      | 87<br>39          | 98<br>48           | 117<br>49    | 110<br>-0.87<br>60 | 97<br>0.01<br>58   | 113<br>10<br>39  | 123<br>12.5<br>53 | 88<br>-4.9<br>50  | 105<br>12<br>47             | 128<br>18.8<br>40      | 94<br>21.9<br>61    | 99<br>2.1<br>31   | 112<br>19.4<br>51 |
| PB 230048<br>95994364<br>PB 230048 | 2       | CSA 170062<br>CSA 160030 | 116<br>63                | 94<br>61                | 100<br>64     | 124<br>54         | 111<br>52          | 116<br>56    | 115<br>-1.24<br>63 | 87<br>0.43<br>63   | 74<br>-21<br>54  | 94<br>-0.9<br>61  | 100<br>-1.4<br>64 | 104<br>11<br>60             | 98<br>1.1<br>45        | 110<br>-7.3<br>64   | 104<br>0.6<br>35  | 115<br>21.9<br>58 |
| PB 230052<br>95994471<br>PB 230052 | 1       | AGO 180120<br>TOP 170254 | 89<br>57                 | 118<br>56               | 101<br>53     | 80<br>39          | 101<br>45          | 105<br>49    | 88<br>0.97<br>57   | 109<br>-0.46<br>56 | 120<br>16<br>39  | 118<br>10.2<br>56 | 101<br>-0.9<br>53 | 110<br>22<br>49             | 116<br>11.4<br>41      | 96<br>18.0<br>59    | 113<br>-1.8<br>23 | 105<br>13.1<br>52 |
| PB 230053<br>95994422<br>PB 230053 | 1       | AGO 180120<br>TOP 170254 | 93<br>58                 | 117<br>56               | 100<br>53     | 80<br>39          | 107<br>45          | 109<br>49    | 90<br>0.81<br>58   | 113<br>-0.60<br>57 | 120<br>16<br>39  | 117<br>9.6<br>56  | 100<br>-1.3<br>53 | 108<br>17<br>49             | 115<br>10.7<br>41      | 105<br>1.3<br>59    | 118<br>-3.1<br>23 | 102<br>10.4<br>52 |
| PB 230055<br>95994406<br>PB 230055 | 4       | CSA 170062<br>AGO 160023 | 110<br>58                | 100<br>59               | 100<br>57     | 93<br>46          | 105<br>45          | 109<br>51    | 108<br>-0.67<br>59 | 94<br>0.16<br>54   | 105<br>4<br>46   | 100<br>2.2<br>59  | 100<br>-1.3<br>57 | 98<br>-1<br>54              | 106<br>5.3<br>45       | 108<br>-3.8<br>50   | 90<br>4.3<br>30   | 110<br>17.1<br>56 |
| PB 230058<br>95782678<br>PB 230058 | 8       | HOT 170344<br>HS 190014  | 96<br>66                 | 119<br>67               | 97<br>58      | 103<br>47         | 104<br>49          | 113<br>57    | 103<br>-0.26<br>68 | 67<br>1.23<br>58   | 98<br>-2<br>47   | 119<br>10.4<br>67 | 97<br>-2.0<br>58  | 116<br>33<br>57             | 114<br>10.4<br>38      | 103<br>4.7<br>59    | 108<br>-0.5<br>34 | 101<br>10.2<br>54 |
| PB 230059<br>95996708<br>PB 230059 | 1       | AGO 180120<br>TOP 170254 | 87<br>58                 | 118<br>59               | 98<br>60      | 86<br>45          | 108<br>45          | 107<br>52    | 88<br>1.01<br>58   | 105<br>-0.30<br>57 | 112<br>10<br>45  | 118<br>10.1<br>59 | 98<br>-1.8<br>60  | 110<br>21<br>55             | 116<br>11.2<br>41      | 105<br>1.2<br>59    | 118<br>-3.0<br>23 | 105<br>13.5<br>52 |

# Breeding Values and Accuracies: Cows

Index  
EBV  
Acc

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

Inbreeding in red is high

Value <80

Value >120

Breeding values with an accuracy < 5% are not printed

| Animal    |           |            | Selection Value |              |       |          |           | Birth  |       | Growth |        |      |              |             | Fertility |           |       |
|-----------|-----------|------------|-----------------|--------------|-------|----------|-----------|--------|-------|--------|--------|------|--------------|-------------|-----------|-----------|-------|
| ID        | Animal nr | Sire ID    | Calving         | Calf         | Milk  | Mainten. | Fertility | Birth  | Birth | Mature | Wean   | Wean | Cow-Calf     | Post        | Heifer    | Cow       | Long- |
| Name      | % Inbr.   | Dam ID     | Ease Value      | Growth Value | Value | Value    | Value     | direct | mat   | weight | direct | mat  | Ratio (Wean) | wean weight | Fertility | Fertility | evity |
| PB 230060 | 1         | AGO 180120 | 88              | 118          | 99    | 66       | 108       | 88     | 107   | 141    | 118    | 99   | 101          | 116         | 105       | 118       | 106   |
| 95996716  |           | TOP 170254 | 58              | 59           | 60    | 45       | 45        | 1.00   | -0.36 | 33     | 10.1   | -1.4 | 4            | 11.3        | 1.8       | -3.0      | 13.7  |
| PB 230060 |           |            |                 |              |       |          |           | 58     | 57    | 45     | 59     | 60   | 55           | 41          | 59        | 23        | 52    |
| PB 230061 | 8         | HOT 170344 | 108             | 128          | 95    | 81       | 96        | 107    | 89    | 119    | 128    | 95   | 113          | 121         | 96        | 91        | 103   |
| 95790945  |           | CSA 160033 | 67              | 67           | 53    | 42       | 47        | -0.64  | 0.36  | 16     | 14.5   | -2.7 | 27           | 14.6        | 18.3      | 3.9       | 11.7  |
| PB 230061 |           |            |                 |              |       |          |           | 69     | 59    | 42     | 67     | 53   | 54           | 36          | 58        | 28        | 56    |
| PB 230070 | 6         | HOT 170344 | 113             | 114          | 88    | 96       | 98        | 112    | 85    | 103    | 114    | 88   | 100          | 109         | 97        | 95        | 106   |
| 95891792  |           | CSA 170051 | 67              | 66           | 52    | 40       | 50        | -1.03  | 0.51  | 2      | 8.3    | -4.8 | 3            | 7.4         | 16.1      | 2.9       | 14.2  |
| PB 230070 |           |            |                 |              |       |          |           | 69     | 59    | 40     | 66     | 52   | 53           | 38          | 60        | 34        | 55    |
| PB 230071 | 2         | AGO 190027 | 106             | 102          | 85    | 131      | 116       | 106    | 88    | 65     | 102    | 85   | 101          | 100         | 117       | 111       | 110   |
| 95888699  |           | PB 210099  | 64              | 64           | 57    | 44       | 41        | -0.52  | 0.41  | -28    | 2.9    | -5.9 | 3            | 1.9         | -21.2     | -1.1      | 17.3  |
| PB 230071 |           |            |                 |              |       |          |           | 67     | 53    | 44     | 64     | 57   | 55           | 34          | 55        | 23        | 46    |
| PB 230086 | 6         | HOT 170344 | 108             | 111          | 93    | 115      | 89        | 110    | 80    | 87     | 111    | 93   | 109          | 107         | 86        | 90        | 105   |
| 95975884  |           | CSA 200024 | 66              | 65           | 51    | 41       | 45        | -0.81  | 0.69  | -11    | 7.0    | -3.4 | 20           | 6.4         | 37.0      | 4.3       | 13.3  |
| PB 230086 |           |            |                 |              |       |          |           | 68     | 56    | 41     | 65     | 51   | 52           | 34          | 56        | 27        | 51    |
| PB 230097 | 2         | TOP 170235 | 108             | 106          | 102   | 66       | 109       | 103    | 132   | 140    | 106    | 102  | 93           | 118         | 107       | 109       | 113   |
| 96028253  |           | CSA 140017 | 64              | 62           | 65    | 54       | 51        | -0.24  | -1.37 | 32     | 4.6    | -0.6 | -11          | 12.8        | -1.8      | -0.6      | 19.6  |
| PB 230097 |           |            |                 |              |       |          |           | 64     | 63    | 54     | 62     | 65   | 60           | 54          | 64        | 29        | 59    |
| PB 230098 | 2         | CSA 200048 | 102             | 133          | 100   | 72       | 96        | 101    | 97    | 132    | 133    | 100  | 117          | 140         | 91        | 105       | 109   |
| 96335146  |           | TOP 170254 | 59              | 54           | 50    | 34       | 42        | -0.11  | 0.02  | 26     | 16.6   | -1.1 | 35           | 25.7        | 27.9      | 0.5       | 16.5  |
| PB 230098 |           |            |                 |              |       |          |           | 60     | 56    | 34     | 54     | 50   | 46           | 36          | 58        | 20        | 48    |
| PB 230104 | 6         | CSA 200048 | 99              | 128          | 87    | 73       | 107       | 99     | 98    | 132    | 128    | 87   | 102          | 131         | 105       | 106       | 110   |
| 96335138  |           | CSA 150033 | 60              | 57           | 58    | 47       | 45        | 0.09   | -0.01 | 26     | 14.8   | -5.0 | 6            | 20.4        | 1.2       | 0.3       | 17.1  |
| PB 230104 |           |            |                 |              |       |          |           | 61     | 58    | 47     | 57     | 58   | 54           | 38          | 60        | 24        | 51    |
| PB 230106 | 1         | CSA 200048 | 104             | 124          | 105   | 102      | 109       | 102    | 101   | 99     | 124    | 105  | 129          | 132         | 107       | 113       | 108   |
| 96334941  |           | CSA 140017 | 60              | 56           | 58    | 43       | 44        | -0.15  | -0.11 | -1     | 13.0   | 0.4  | 58           | 20.7        | -3.1      | -1.7      | 16.0  |
| PB 230106 |           |            |                 |              |       |          |           | 61     | 58    | 43     | 56     | 58   | 52           | 38          | 57        | 22        | 52    |
| PB 230107 | 1         | CSA 200048 | 105             | 124          | 107   | 85       | 109       | 102    | 103   | 113    | 124    | 107  | 124          | 132         | 107       | 113       | 108   |
| 96335013  |           | CSA 140017 | 60              | 56           | 58    | 43       | 44        | -0.18  | -0.19 | 10     | 13.0   | 0.8  | 48           | 20.7        | -2.1      | -1.7      | 16.0  |
| PB 230107 |           |            |                 |              |       |          |           | 61     | 58    | 43     | 56     | 58   | 52           | 38          | 57        | 22        | 52    |
| PB 230108 | 2         | TOP 170235 | 107             | 106          | 96    | 81       | 108       | 100    | 121   | 119    | 106    | 96   | 95           | 119         | 107       | 107       | 109   |
| 96335252  |           | CSA 140017 | 64              | 60           | 60    | 49       | 51        | -0.02  | -0.91 | 15     | 4.9    | -2.4 | -6           | 13.1        | -2.1      | -0.3      | 16.7  |
| PB 230108 |           |            |                 |              |       |          |           | 64     | 63    | 49     | 60     | 60   | 56           | 54          | 64        | 29        | 59    |
| PB 230112 | 10        | CSA 170062 | 100             | 101          | 101   | 105      | 111       | 102    | 85    | 97     | 101    | 101  | 103          | 106         | 110       | 103       | 114   |
| 96028279  |           | CSA 150033 | 64              | 61           | 64    | 54       | 52        | -0.16  | 0.50  | -3     | 2.5    | -1.0 | 9            | 5.4         | -8.7      | 0.9       | 20.8  |
| PB 230112 |           |            |                 |              |       |          |           | 64     | 63    | 54     | 61     | 64   | 60           | 46          | 65        | 33        | 58    |

# Breeding Values and Accuracies: Cows

Index  
EBV  
Acc

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

Inbreeding in red is high

Value <80

Value >120

Breeding values with an accuracy < 5% are not printed

| Animal    |           |            | Selection Value |              |       |          |           | Birth  |       | Growth |        |      |              |             | Fertility |           |       |
|-----------|-----------|------------|-----------------|--------------|-------|----------|-----------|--------|-------|--------|--------|------|--------------|-------------|-----------|-----------|-------|
| ID        | Animal nr | Sire ID    | Calving         | Calf         | Milk  | Mainten. | Fertility | Birth  | Birth | Mature | Wean   | Wean | Cow-Calf     | Post        | Heifer    | Cow       | Long- |
| Name      | % Inbr.   | Dam ID     | Ease Value      | Growth Value | Value | Value    | Value     | direct | mat   | weight | direct | mat  | Ratio (Wean) | wean weight | Fertility | Fertility | evity |
| PB 230113 | 10        | CSA 170062 | 104             | 100          | 101   | 90       | 106       | 104    | 91    | 108    | 100    | 101  | 97           | 105         | 105       | 100       | 113   |
| 96031232  |           | CSA 150033 | 64              | 59           | 59    | 49       | 51        | -0.37  | 0.25  | 6      | 1.9    | -1.1 | -2           | 4.7         | 2.5       | 1.8       | 20.2  |
| PB 230113 |           |            |                 |              |       |          |           | 64     | 63    | 49     | 59     | 59   | 56           | 46          | 64        | 33        | 57    |
| PB 230116 | 2         | TOP 170235 | 111             | 104          | 93    | 82       | 106       | 104    | 128   | 119    | 104    | 93   | 90           | 116         | 105       | 106       | 109   |
| 96335260  |           | CSA 140017 | 64              | 60           | 60    | 49       | 51        | -0.34  | -1.18 | 15     | 3.8    | -3.3 | -16          | 11.7        | 1.8       | 0.0       | 16.7  |
| PB 230116 |           |            |                 |              |       |          |           | 64     | 63    | 49     | 60     | 60   | 56           | 54          | 64        | 29        | 59    |
| PB 230117 | 5         | HOT 170344 | 95              | 133          | 106   | 68       | 98        | 97     | 88    | 137    | 133    | 106  | 120          | 130         | 95        | 105       | 103   |
| 96053418  |           | TOP 170254 | 67              | 67           | 59    | 42       | 41        | 0.19   | 0.37  | 30     | 16.8   | 0.4  | 40           | 19.6        | 19.7      | 0.3       | 12.0  |
| PB 230117 |           |            |                 |              |       |          |           | 69     | 58    | 42     | 67     | 59   | 56           | 35          | 48        | 24        | 52    |
| PB 230119 | 2         | TOP 170235 | 113             | 102          | 93    | 58       | 110       | 107    | 134   | 156    | 102    | 93   | 78           | 115         | 108       | 108       | 113   |
| 96335203  |           | CSA 140017 | 64              | 62           | 65    | 54       | 51        | -0.58  | -1.45 | 45     | 3.1    | -3.4 | -40          | 10.8        | -4.6      | -0.4      | 19.7  |
| PB 230119 |           |            |                 |              |       |          |           | 64     | 63    | 54     | 62     | 65   | 60           | 54          | 64        | 29        | 59    |
| PB 230120 | 1         | CSA 200048 | 102             | 125          | 109   | 76       | 108       | 101    | 101   | 125    | 125    | 109  | 121          | 133         | 106       | 113       | 108   |
| 96335005  |           | CSA 140017 | 60              | 56           | 58    | 43       | 44        | -0.06  | -0.12 | 20     | 13.4   | 1.3  | 42           | 21.2        | -0.3      | -1.6      | 16.0  |
| PB 230120 |           |            |                 |              |       |          |           | 61     | 58    | 43     | 56     | 58   | 52           | 38          | 59        | 22        | 52    |
| PB 230121 | 2         | CSA 170062 | 119             | 92           | 97    | 108      | 111       | 117    | 91    | 94     | 92     | 97   | 92           | 97          | 110       | 104       | 115   |
| 96355185  |           | CSA 160030 | 63              | 61           | 64    | 54       | 52        | -1.43  | 0.28  | -5     | -1.6   | -2.1 | -13          | 0.2         | -8.0      | 0.7       | 21.9  |
| PB 230112 |           |            |                 |              |       |          |           | 63     | 63    | 54     | 61     | 64   | 60           | 45          | 64        | 35        | 58    |
| PB 230130 | 5         | HOT 170344 | 101             | 114          | 88    | 97       | 103       | 104    | 79    | 102    | 114    | 88   | 100          | 108         | 101       | 105       | 105   |
| 96105515  |           | CSA 200142 | 65              | 63           | 48    | 38       | 40        | -0.37  | 0.73  | 1      | 8.1    | -4.9 | 2            | 6.7         | 9.0       | 0.5       | 13.6  |
| PB 230130 |           |            |                 |              |       |          |           | 67     | 55    | 38     | 63     | 48   | 50           | 32          | 43        | 26        | 51    |
| PB 230136 | 4         | AGO 190027 | 87              | 123          | 101   | 137      | 115       | 90     | 92    | 53     | 123    | 101  | 150          | 117         | 115       | 119       | 107   |
| 96276753  |           | PB 210109  | 65              | 63           | 55    | 44       | 41        | 0.79   | 0.23  | -38    | 12.3   | -0.9 | 97           | 12.1        | -17.0     | -3.3      | 14.9  |
| PB 230136 |           |            |                 |              |       |          |           | 68     | 54    | 44     | 63     | 55   | 54           | 36          | 54        | 22        | 46    |
| PB 230141 | 8         | HOT 170344 | 108             | 119          | 90    | 98       | 99        | 112    | 69    | 101    | 119    | 90   | 108          | 113         | 97        | 106       | 100   |
| 96276761  |           | HS 190050  | 66              | 64           | 51    | 40       | 47        | -1.00  | 1.16  | 1      | 10.7   | -4.2 | 18           | 9.5         | 17.3      | 0.1       | 9.4   |
| PB 230141 |           |            |                 |              |       |          |           | 68     | 57    | 40     | 64     | 51   | 52           | 34          | 57        | 30        | 54    |
| PB 230148 | 1         | AGO 190027 | 109             | 101          | 84    | 134      | 110       | 105    | 104   | 60     | 101    | 84   | 102          | 95          | 111       | 104       | 109   |
| 96466743  |           | CSA 160030 | 67              | 67           | 59    | 46       | 44        | -0.44  | -0.26 | -33    | 2.5    | -6.0 | 6            | -0.7        | -10.2     | 0.7       | 16.4  |
| PB230148  |           |            |                 |              |       |          |           | 69     | 57    | 46     | 67     | 59   | 57           | 38          | 54        | 26        | 52    |
| PB 240031 | 6         | HOT 170344 | 97              | 124          | 104   | 75       | 98        | 101    | 80    | 126    | 124    | 104  | 115          | 117         | 98        | 103       | 98    |
| 97287783  |           | HS 190008  | 52              | 50           | 45    | 35       | 39        | -0.09  | 0.72  | 21     | 12.8   | -0.1 | 31           | 11.7        | 14.8      | 1.0       | 7.5   |
| PB 240031 |           |            |                 |              |       |          |           | 53     | 46    | 35     | 50     | 45   | 43           | 31          | 42        | 26        | 48    |
| PB 240091 | 8         | HOT 170344 | 112             | 124          | 95    | 83       | 95        | 110    | 90    | 117    | 124    | 95   | 111          | 118         | 96        | 90        | 102   |
| 97722367  |           | CSA 160033 | 65              | 67           | 53    | 42       | 43        | -0.88  | 0.29  | 14     | 12.9   | -2.8 | 23           | 12.6        | 19.4      | 4.2       | 10.6  |
| PB 240091 |           |            |                 |              |       |          |           | 68     | 55    | 42     | 67     | 53   | 54           | 36          | 48        | 28        | 54    |

# Breeding Values and Accuracies: Cows

Index  
EBV  
Acc

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

Inbreeding in red is high

Value <80

Value >120

Breeding values with an accuracy < 5% are not printed

| Animal    |           |            | Selection Value |              |       |          |           | Birth  |       | Growth |        |      |              |             | Fertility |           |       |
|-----------|-----------|------------|-----------------|--------------|-------|----------|-----------|--------|-------|--------|--------|------|--------------|-------------|-----------|-----------|-------|
| ID        | Animal nr | Sire ID    | Calving         | Calf         | Milk  | Mainten. | Fertility | Birth  | Birth | Mature | Wean   | Wean | Cow-Calf     | Post        | Heifer    | Cow       | Long- |
| Name      | % Inbr.   | Dam ID     | Ease Value      | Growth Value | Value | Value    | Value     | direct | mat   | weight | direct | mat  | Ratio (Wean) | wean weight | Fertility | Fertility | evity |
| PB 240092 | 2         | AGO 190027 | 98              | 120          | 95    | 97       | 102       | 97     | 99    | 102    | 120    | 95   | 113          | 113         | 103       | 94        | 108   |
| 97722375  |           | PB 220059  | 62              | 64           | 46    | 34       | 36        | 0.21   | -0.03 | 1      | 10.9   | -2.7 | 27           | 9.8         | 6.2       | 3.2       | 15.6  |
| PB 240092 |           |            |                 |              |       |          |           | 66     | 48    | 34     | 64     | 46   | 48           | 34          | 42        | 21        | 44    |
| PB 240099 | 5         | PB 210120  | 120             | 116          | 89    | 83       | 107       | 115    | 96    | 117    | 116    | 89   | 97           | 118         | 106       | 97        | 115   |
| 97722391  |           | AGO 200052 | 62              | 66           | 50    | 37       | 37        | -1.28  | 0.05  | 14     | 9.0    | -4.6 | -3           | 12.4        | 0.3       | 2.4       | 21.5  |
| PB 240099 |           |            |                 |              |       |          |           | 65     | 48    | 37     | 66     | 50   | 51           | 33          | 44        | 21        | 46    |
| PB 240100 | 5         | PB 210120  | 109             | 92           | 107   | 109      | 114       | 106    | 101   | 93     | 92     | 107  | 103          | 94          | 118       | 97        | 110   |
| 97722409  |           | CSA 160085 | 63              | 64           | 48    | 34       | 39        | -0.53  | -0.12 | -6     | -1.6   | 1.0  | 8            | -1.7        | -22.9     | 2.5       | 17.1  |
| PB 240100 |           |            |                 |              |       |          |           | 66     | 51    | 34     | 64     | 48   | 49           | 32          | 41        | 29        | 46    |
| PB 240111 | 6         | PB 210120  | 111             | 100          | 108   | 110      | 111       | 121    | 83    | 91     | 100    | 108  | 112          | 102         | 109       | 111       | 110   |
| 97826879  |           | HS 190044  | 63              | 65           | 49    | 38       | 39        | -1.79  | 0.60  | -8     | 1.9    | 1.1  | 25           | 3.1         | -6.4      | -1.2      | 17.4  |
| PB 240111 |           |            |                 |              |       |          |           | 66     | 50    | 38     | 65     | 49   | 51           | 32          | 43        | 27        | 47    |
| PB 240115 | 2         | AGO 190027 | 103             | 108          | 98    | 94       | 112       | 102    | 97    | 104    | 108    | 98   | 105          | 109         | 110       | 110       | 113   |
| 97826903  |           | PB 220082  | 62              | 64           | 48    | 35       | 37        | -0.17  | 0.02  | 3      | 5.7    | -1.7 | 11           | 7.5         | -8.6      | -0.9      | 19.5  |
| PB 240115 |           |            |                 |              |       |          |           | 65     | 49    | 35     | 64     | 48   | 49           | 36          | 44        | 22        | 44    |
| PB 240118 | 6         | PB 210120  | 114             | 107          | 103   | 91       | 108       | 114    | 80    | 107    | 107    | 103  | 107          | 109         | 106       | 109       | 110   |
| 98009806  |           | HS 190050  | 64              | 65           | 50    | 38       | 40        | -1.22  | 0.69  | 6      | 5.2    | -0.4 | 15           | 7.0         | 0.4       | -0.7      | 17.5  |
| PB 240118 |           |            |                 |              |       |          |           | 67     | 51    | 38     | 65     | 50   | 51           | 33          | 44        | 28        | 47    |
| PB 240124 | 3         | CSA 150066 | 111             | 103          | 99    | 108      | 99        | 109    | 93    | 94     | 103    | 99   | 104          | 94          | 96        | 108       | 103   |
| 98437601  |           | CSA 160127 | 61              | 58           | 56    | 46       | 49        | -0.74  | 0.19  | -5     | 3.3    | -1.6 | 10           | -1.5        | 18.3      | -0.5      | 11.8  |
| PB 240124 |           |            |                 |              |       |          |           | 62     | 58    | 46     | 58     | 56   | 53           | 43          | 57        | 34        | 57    |
| PB 240133 | 3         | CSA 150066 | 111             | 103          | 99    | 108      | 99        | 109    | 93    | 94     | 103    | 99   | 104          | 94          | 96        | 108       | 103   |
| 98437627  |           | CSA 160127 | 61              | 58           | 56    | 46       | 49        | -0.74  | 0.19  | -5     | 3.3    | -1.6 | 10           | -1.5        | 18.3      | -0.5      | 11.3  |
| PB 240133 |           |            |                 |              |       |          |           | 62     | 58    | 46     | 58     | 56   | 53           | 43          | 57        | 34        | 56    |
| PB 250002 | 8         | HOT 170344 | 112             | 119          | 89    | 94       | 98        | 114    | 76    | 105    | 119    | 89   | 104          | 113         | 98        | 100       | 99    |
| 98532062  |           | CSA 180034 | 65              | 65           | 51    | 40       | 45        | -1.15  | 0.87  | 4      | 10.3   | -4.6 | 11           | 9.8         | 14.4      | 1.8       | 8.4   |
| PB 250002 |           |            |                 |              |       |          |           | 68     | 55    | 40     | 65     | 51   | 52           | 37          | 48        | 33        | 53    |
| PB 250005 | 7         | PB 210120  | 112             | 103          | 110   | 101      | 103       | 112    | 86    | 99     | 103    | 110  | 113          | 105         | 104       | 91        | 112   |
| 98532070  |           | HS 190032  | 63              | 64           | 49    | 37       | 41        | -0.97  | 0.47  | -1     | 3.2    | 1.8  | 28           | 4.8         | 4.3       | 3.9       | 18.7  |
| PB 250005 |           |            |                 |              |       |          |           | 66     | 50    | 37     | 64     | 49   | 50           | 34          | 44        | 31        | 47    |
| PB 250011 | 8         | PB 210120  | 111             | 86           | 104   | 121      | 113       | 121    | 82    | 77     | 86     | 104  | 100          | 91          | 113       | 104       | 115   |
| 98532088  |           | PB 210099  | 61              | 62           | 47    | 36       | 36        | -1.78  | 0.64  | -19    | -4.4   | -0.1 | 2            | -3.1        | -13.9     | 0.6       | 21.2  |
| PB 250011 |           |            |                 |              |       |          |           | 64     | 47    | 36     | 62     | 47   | 48           | 30          | 41        | 24        | 44    |
| PB 250012 | 5         | PB 210120  | 111             | 95           | 109   | 100      | 102       | 123    | 89    | 100    | 95     | 109  | 105          | 98          | 99        | 101       | 111   |
| 98532096  |           | CSA 180183 | 63              | 54           | 46    | 38       | 39        | -1.93  | 0.35  | 0      | -0.1   | 1.5  | 12           | 1.1         | 12.9      | 1.6       | 18.2  |
| PB 250012 |           |            |                 |              |       |          |           | 66     | 51    | 38     | 54     | 46   | 46           | 34          | 43        | 26        | 48    |

# Breeding Values and Accuracies: Cows

Index  
EBV  
Acc

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

Inbreeding in red is high

Value <80

Value >120

Breeding values with an accuracy < 5% are not printed

| Animal                             |         |                          | Selection Value          |                         |               |                   |                    |              | Birth              |                   | Growth           |                   |                   |                             |                        |                     | Fertility         |                   |  |
|------------------------------------|---------|--------------------------|--------------------------|-------------------------|---------------|-------------------|--------------------|--------------|--------------------|-------------------|------------------|-------------------|-------------------|-----------------------------|------------------------|---------------------|-------------------|-------------------|--|
| ID<br>Animal nr<br>Name            | % Inbr. | Sire ID<br>Dam ID        | Calving<br>Ease<br>Value | Calf<br>Growth<br>Value | Milk<br>Value | Mainten.<br>Value | Fertility<br>Value | Cow<br>Value | Birth<br>direct    | Birth<br>mat      | Mature<br>weight | Wean<br>direct    | Wean<br>mat       | Cow-Calf<br>Ratio<br>(Wean) | Post<br>wean<br>weight | Heifer<br>Fertility | Cow<br>Fertility  | Long-<br>evity    |  |
| PB 250024<br>98791155<br>PB 250024 | 6       | PB 210120<br>PB 210096   | 117<br>60                | 92<br>50                | 109<br>42     | 104<br>32         | 109<br>35          | 117<br>44    | 118<br>-1.49<br>64 | 86<br>0.47<br>46  | 98<br>-2<br>32   | 92<br>-1.6<br>50  | 109<br>1.5<br>42  | 103<br>8<br>41              | 96<br>-0.1<br>29       | 109<br>-6.9<br>40   | 98<br>2.3<br>23   | 112<br>19.4<br>42 |  |
| PB 250029<br>98903560<br>PB 250029 | 2       | AGO 190027<br>PB 220085  | 101<br>60                | 107<br>53               | 99<br>44      | 107<br>34         | 108<br>38          | 111<br>46    | 101<br>-0.08<br>63 | 94<br>0.15<br>48  | 95<br>-5<br>34   | 107<br>5.0<br>53  | 99<br>-1.6<br>44  | 108<br>17<br>44             | 107<br>5.9<br>36       | 108<br>-3.5<br>44   | 102<br>1.1<br>24  | 110<br>17.7<br>45 |  |
| PB 250037<br>98986003<br>PB 250037 | 6       | PB 210120<br>HS 190008   | 107<br>58                | 108<br>59               | 117<br>44     | 74<br>33          | 105<br>34          | 121<br>47    | 107<br>-0.58<br>61 | 91<br>0.28<br>44  | 128<br>22<br>33  | 108<br>5.4<br>59  | 117<br>3.8<br>44  | 113<br>26<br>45             | 108<br>6.9<br>29       | 104<br>3.8<br>36    | 103<br>1.0<br>23  | 109<br>16.5<br>44 |  |
| PB 250040<br>99105504<br>PB 250040 | 2       | AGO 190027<br>PB 220084  | 109<br>60                | 102<br>61               | 100<br>47     | 99<br>33          | 108<br>36          | 112<br>49    | 107<br>-0.59<br>63 | 96<br>0.05<br>47  | 101<br>0<br>33   | 102<br>2.9<br>61  | 100<br>-1.1<br>47 | 102<br>7<br>47              | 104<br>4.2<br>36       | 107<br>-1.9<br>44   | 103<br>1.0<br>21  | 111<br>18.5<br>44 |  |
| PB 250041<br>99105512<br>PB 250041 | 6       | PB 210120<br>HS 190017   | 104<br>62                | 108<br>62               | 109<br>47     | 96<br>38          | 105<br>39          | 117<br>51    | 106<br>-0.51<br>65 | 82<br>0.61<br>50  | 102<br>1<br>38   | 108<br>5.7<br>62  | 109<br>1.5<br>47  | 116<br>33<br>49             | 110<br>7.6<br>33       | 103<br>4.8<br>43    | 107<br>-0.1<br>28 | 106<br>14.3<br>47 |  |
| PB 250100<br>99528143<br>PB 250100 | 9       | PB 210120<br>HS 190011   | 114<br>64                | 93<br>66                | 104<br>50     | 119<br>41         | 110<br>41          | 115<br>53    | 119<br>-1.62<br>67 | 82<br>0.61<br>52  | 80<br>-16<br>41  | 93<br>-1.1<br>66  | 104<br>-0.1<br>50 | 106<br>13<br>52             | 97<br>0.4<br>36        | 109<br>-6.4<br>44   | 104<br>0.6<br>32  | 112<br>18.9<br>48 |  |
| PB 250104<br>99528150<br>PB 250104 | 3       | AGO 190027<br>PB 230058  | 87<br>62                 | 123<br>64               | 95<br>45      | 107<br>34         | 107<br>36          | 111<br>50    | 91<br>0.73<br>66   | 87<br>0.43<br>47  | 95<br>-4<br>34   | 123<br>12.3<br>64 | 95<br>-2.7<br>45  | 119<br>39<br>48             | 117<br>11.7<br>34      | 107<br>-1.4<br>42   | 107<br>0.0<br>22  | 105<br>13.3<br>44 |  |
| PB 250112<br>99527517<br>PB 250112 | 4       | HOT 170344<br>PB 220065  | 94<br>62                 | 119<br>63               | 92<br>48      | 91<br>38          | 101<br>40          | 105<br>51    | 98<br>0.11<br>65   | 81<br>0.66<br>51  | 107<br>6<br>38   | 119<br>10.5<br>63 | 92<br>-3.6<br>48  | 107<br>16<br>50             | 116<br>11.4<br>34      | 101<br>9.1<br>46    | 98<br>2.2<br>26   | 105<br>13.6<br>49 |  |
| PB 250113<br>99527525<br>PB 250113 | 1       | PB 210120<br>CSA 140017  | 119<br>65                | 90<br>66                | 118<br>52     | 87<br>35          | 109<br>39          | 119<br>53    | 114<br>-1.22<br>68 | 99<br>-0.07<br>53 | 110<br>8<br>35   | 90<br>-2.7<br>66  | 118<br>4.2<br>52  | 104<br>11<br>51             | 96<br>-0.6<br>35       | 108<br>-4.8<br>44   | 103<br>0.9<br>23  | 111<br>18.0<br>50 |  |
| PB 250114<br>99527533<br>PB 250114 | 8       | HOT 170344<br>CSA 160033 | 113<br>65                | 121<br>67               | 96<br>53      | 85<br>42          | 95<br>43           | 117<br>55    | 111<br>-0.95<br>68 | 90<br>0.30<br>55  | 114<br>11<br>42  | 121<br>11.2<br>67 | 96<br>-2.3<br>53  | 110<br>22<br>54             | 115<br>10.6<br>36      | 96<br>18.5<br>48    | 90<br>4.4<br>28   | 101<br>10.1<br>54 |  |
| PB 250117<br>99527558<br>PB 250117 | 7       | PB 210120<br>HS 190095   | 117<br>64                | 102<br>66               | 108<br>49     | 95<br>39          | 107<br>39          | 122<br>53    | 115<br>-1.23<br>67 | 89<br>0.34<br>50  | 103<br>2<br>39   | 102<br>3.0<br>66  | 108<br>1.2<br>49  | 109<br>20<br>51             | 104<br>4.6<br>32       | 105<br>0.8<br>43    | 105<br>0.3<br>27  | 109<br>16.9<br>47 |  |
| PB 250121<br>99615296<br>PB 250121 | 3       | PB 210120<br>PB 220014   | 121<br>61                | 84<br>62                | 100<br>45     | 118<br>34         | 107<br>33          | 108<br>49    | 116<br>-1.37<br>65 | 96<br>0.07<br>47  | 82<br>-15<br>34  | 84<br>-5.3<br>62  | 100<br>-1.2<br>45 | 92<br>-13<br>47             | 87<br>-5.4<br>30       | 108<br>-4.1<br>35   | 95<br>2.9<br>21   | 112<br>19.4<br>44 |  |

# Breeding Values and Accuracies: Cows

Index  
EBV  
Acc

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

Inbreeding in red is high

Value <80

Value >120

Breeding values with an accuracy < 5% are not printed

| Animal                                      |         |                         | Selection Value          |                         |               |                   |                    |              | Birth              |                    | Growth           |                   |                   |                             |                        | Fertility           |                   |                   |
|---------------------------------------------|---------|-------------------------|--------------------------|-------------------------|---------------|-------------------|--------------------|--------------|--------------------|--------------------|------------------|-------------------|-------------------|-----------------------------|------------------------|---------------------|-------------------|-------------------|
| ID<br>Animal nr<br>Name                     | % Inbr. | Sire ID<br>Dam ID       | Calving<br>Ease<br>Value | Calf<br>Growth<br>Value | Milk<br>Value | Mainten.<br>Value | Fertility<br>Value | Cow<br>Value | Birth<br>direct    | Birth<br>mat       | Mature<br>weight | Wean<br>direct    | Wean<br>mat       | Cow-Calf<br>Ratio<br>(Wean) | Post<br>wean<br>weight | Heifer<br>Fertility | Cow<br>Fertility  | Long-<br>evity    |
| <b>PB 250123</b><br>99615304<br>PB 250123   | 2       | AGO 190027<br>PB 230023 | 87<br>60                 | 122<br>62               | 93<br>44      | 106<br>33         | 104<br>33          | 107<br>48    | 89<br>0.89<br>64   | 96<br>0.08<br>46   | 96<br>-4<br>33   | 122<br>12.1<br>62 | 93<br>-3.4<br>44  | 116<br>33<br>46             | 113<br>9.9<br>32       | 104<br>3.7<br>39    | 103<br>1.0<br>18  | 106<br>14.2<br>42 |
| <b>PB 250127</b><br>99615320<br>PB 250127   | 2       | AGO 190027<br>PB 230046 | 110<br>62                | 102<br>63               | 100<br>47     | 105<br>37         | 108<br>37          | 113<br>51    | 107<br>-0.56<br>65 | 99<br>-0.06<br>48  | 97<br>-3<br>37   | 102<br>2.7<br>63  | 100<br>-1.2<br>47 | 103<br>8<br>49              | 102<br>2.9<br>36       | 109<br>-6.5<br>44   | 98<br>2.3<br>22   | 111<br>18.3<br>45 |
| <b>PB 250131</b><br>99615353<br>PB 250131   | 7       | PB 210120<br>CSA 150033 | 114<br>65                | 92<br>67                | 105<br>51     | 104<br>38         | 107<br>40          | 111<br>54    | 112<br>-0.98<br>68 | 94<br>0.14<br>53   | 97<br>-2<br>38   | 92<br>-1.7<br>67  | 105<br>0.3<br>51  | 99<br>0<br>52               | 94<br>-1.7<br>36       | 108<br>-4.1<br>46   | 96<br>2.6<br>25   | 112<br>19.0<br>49 |
| <b>PB 250133</b><br>99615361<br>PB 250133   | 1       | AGO 190027<br>PB 230097 | 105<br>62                | 120<br>63               | 91<br>47      | 80<br>37          | 109<br>36          | 117<br>50    | 100<br>0.01<br>65  | 116<br>-0.70<br>48 | 122<br>17<br>37  | 120<br>11.2<br>63 | 91<br>-3.9<br>47  | 102<br>6<br>49              | 122<br>15.1<br>39      | 107<br>-2.8<br>44   | 108<br>-0.5<br>20 | 110<br>17.7<br>45 |
| <b>PB 250138</b><br>99615403<br>PB 250138   | 8       | PB 210120<br>CSA 180034 | 100<br>64                | 83<br>66                | 107<br>50     | 111<br>38         | 106<br>41          | 94<br>53     | 131<br>-2.55<br>67 | 84<br>0.55<br>52   | 90<br>-8<br>38   | 83<br>-5.9<br>66  | 107<br>0.8<br>50  | 94<br>-8<br>51              | 87<br>-5.7<br>35       | 106<br>-1.0<br>42   | 96<br>2.7<br>31   | 110<br>17.2<br>49 |
| <b>PB 250141</b><br>99615429<br>PB 250141   | 1       | AGO 190027<br>PB 230107 | 95<br>61                 | 126<br>62               | 98<br>45      | 94<br>33          | 109<br>34          | 121<br>49    | 94<br>0.44<br>64   | 103<br>-0.21<br>47 | 104<br>3<br>33   | 126<br>13.8<br>62 | 98<br>-2.0<br>45  | 120<br>41<br>47             | 126<br>17.2<br>34      | 108<br>-4.2<br>42   | 109<br>-0.8<br>18 | 108<br>16.0<br>43 |
| <b>PB 250142</b><br>6020051808<br>PB 250142 | 1       | AGO 190027<br>PB 230120 | 90<br>61                 | 130<br>62               | 99<br>45      | 86<br>33          | 109<br>34          | 119<br>49    | 90<br>0.79<br>64   | 103<br>-0.22<br>47 | 112<br>10<br>33  | 130<br>15.3<br>62 | 99<br>-1.6<br>45  | 121<br>43<br>47             | 129<br>19.0<br>34      | 107<br>-2.8<br>42   | 110<br>-0.8<br>18 | 108<br>16.0<br>43 |
| <b>PB 250153</b><br>99801946<br>PB 250153   | 4       | HOT 170344<br>PB 220082 | 111<br>62                | 111<br>64               | 95<br>49      | 88<br>37          | 103<br>41          | 113<br>52    | 112<br>-0.99<br>65 | 82<br>0.64<br>51   | 111<br>9<br>37   | 111<br>7.0<br>64  | 95<br>-2.9<br>49  | 101<br>4<br>50              | 111<br>8.6<br>34       | 102<br>7.1<br>47    | 104<br>0.7<br>26  | 106<br>14.4<br>49 |
| <b>PB 250158</b><br>99801961<br>PB 250158   | 5       | PB 210120<br>CSA 160085 | 117<br>63                | 90<br>64                | 105<br>48     | 108<br>34         | 114<br>39          | 117<br>51    | 113<br>-1.10<br>66 | 98<br>0.00<br>51   | 93<br>-6<br>34   | 90<br>-2.4<br>64  | 105<br>0.3<br>48  | 99<br>0<br>49               | 92<br>-2.7<br>32       | 118<br>-22.8<br>41  | 97<br>2.5<br>29   | 109<br>16.6<br>46 |
| <b>PB 250162</b><br>99801987<br>PB 250162   | 6       | HOT 170344<br>PB 220081 | 114<br>62                | 113<br>53               | 89<br>46      | 93<br>38          | 103<br>41          | 114<br>47    | 116<br>-1.30<br>65 | 75<br>0.90<br>51   | 106<br>4<br>38   | 113<br>8.0<br>53  | 89<br>-4.6<br>46  | 99<br>1<br>46               | 112<br>8.9<br>34       | 102<br>7.3<br>47    | 102<br>1.1<br>28  | 105<br>13.5<br>49 |
| <b>PB 260009</b><br>99981102<br>PB 260009   | 2       | AGO 190027<br>PB 230061 | 93<br>62                 | 125<br>55               | 95<br>43      | 93<br>32          | 103<br>35          | 112<br>46    | 93<br>0.54<br>66   | 98<br>-0.01<br>47  | 105<br>4<br>32   | 125<br>13.4<br>55 | 95<br>-2.7<br>43  | 117<br>35<br>43             | 118<br>12.8<br>34      | 103<br>4.6<br>42    | 98<br>2.3<br>19   | 105<br>12.8<br>43 |
| <b>PB 260012</b><br>6020188022<br>PB 260012 | 2       | AGO 190027<br>PB 230070 | 100<br>61                | 116<br>55               | 91<br>42      | 106<br>32         | 104<br>36          | 110<br>46    | 100<br>-0.05<br>65 | 94<br>0.14<br>47   | 97<br>-3<br>32   | 116<br>9.2<br>55  | 91<br>-4.1<br>42  | 107<br>16<br>43             | 110<br>7.9<br>34       | 104<br>3.6<br>43    | 100<br>1.8<br>22  | 106<br>14.1<br>43 |

# Breeding Values and Accuracies: Cows

Index  
EBV  
Acc

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

Inbreeding in red is high

Value <80

Value >120

Breeding values with an accuracy < 5% are not printed

| Animal                               |         |                         | Selection Value          |                         |               |                   |                    |              | Birth              |                    | Growth           |                   |                   |                             |                        | Fertility           |                   |                   |
|--------------------------------------|---------|-------------------------|--------------------------|-------------------------|---------------|-------------------|--------------------|--------------|--------------------|--------------------|------------------|-------------------|-------------------|-----------------------------|------------------------|---------------------|-------------------|-------------------|
| ID<br>Animal nr<br>Name              | % Inbr. | Sire ID<br>Dam ID       | Calving<br>Ease<br>Value | Calf<br>Growth<br>Value | Milk<br>Value | Mainten.<br>Value | Fertility<br>Value | Cow<br>Value | Birth<br>direct    | Birth<br>mat       | Mature<br>weight | Wean<br>direct    | Wean<br>mat       | Cow-Calf<br>Ratio<br>(Wean) | Post<br>wean<br>weight | Heifer<br>Fertility | Cow<br>Fertility  | Long-<br>evity    |
| PB 260018<br>6020188030<br>PB 260018 | 30      | HOT 170344<br>PB 220059 | 111<br>63                | 128<br>55               | 86<br>45      | 83<br>36          | 93<br>39           | 114<br>48    | 112<br>-1.03<br>66 | 80<br>0.70<br>50   | 117<br>14<br>36  | 128<br>14.4<br>55 | 86<br>-5.3<br>45  | 105<br>13<br>45             | 119<br>13.4<br>32      | 93<br>23.7<br>45    | 90<br>4.3<br>25   | 102<br>10.5<br>47 |
| PB 260021<br>6020323256<br>PB 260021 | 4       | HOT 170344<br>PB 210104 | 102<br>63                | 117<br>52               | 89<br>45      | 95<br>34          | 98<br>41           | 105<br>47    | 103<br>-0.25<br>66 | 88<br>0.38<br>51   | 104<br>3<br>34   | 117<br>9.8<br>52  | 89<br>-4.7<br>45  | 103<br>9<br>44              | 111<br>8.5<br>33       | 99<br>13.2<br>47    | 95<br>2.9<br>27   | 101<br>9.7<br>48  |
| PB 260022<br>6020323264<br>PB 260022 | 6       | HOT 170344<br>PB 220025 | 107<br>61                | 122<br>52               | 90<br>45      | 90<br>36          | 101<br>38          | 114<br>46    | 109<br>-0.76<br>64 | 79<br>0.76<br>49   | 109<br>7<br>36   | 122<br>11.7<br>52 | 90<br>-4.3<br>45  | 107<br>15<br>44             | 115<br>10.7<br>34      | 100<br>10.6<br>43   | 101<br>1.4<br>24  | 104<br>12.7<br>47 |
| PB 260023<br>6020323272<br>PB 260023 | 5       | HOT 170344<br>PB 220048 | 114<br>63                | 142<br>55               | 71<br>45      | 90<br>35          | 94<br>39           | 120<br>48    | 118<br>-1.55<br>66 | 77<br>0.83<br>50   | 110<br>8<br>35   | 142<br>21.0<br>55 | 71<br>-10.0<br>45 | 107<br>15<br>45             | 142<br>26.9<br>33      | 91<br>29.0<br>46    | 103<br>1.0<br>25  | 103<br>11.8<br>46 |
| PB 260026<br>6020499015<br>PB 260026 | 6       | HOT 170344<br>PB 220085 | 114<br>61                | 113<br>53               | 90<br>45      | 91<br>36          | 99<br>41           | 111<br>47    | 118<br>-1.48<br>64 | 75<br>0.91<br>51   | 107<br>6<br>36   | 113<br>7.7<br>53  | 90<br>-4.2<br>45  | 99<br>1<br>45               | 111<br>8.5<br>34       | 98<br>13.9<br>47    | 98<br>2.3<br>28   | 106<br>13.7<br>48 |
| PB 260032<br>6020673254<br>PB 260032 | 1       | AGO 190027<br>PB 230098 | 94<br>59                 | 126<br>52               | 97<br>42      | 87<br>30          | 103<br>33          | 114<br>44    | 93<br>0.53<br>62   | 101<br>-0.13<br>46 | 111<br>9<br>30   | 126<br>13.7<br>52 | 97<br>-2.2<br>42  | 117<br>34<br>41             | 126<br>17.4<br>34      | 101<br>9.4<br>42    | 104<br>0.6<br>17  | 107<br>15.2<br>40 |
| PB 260036<br>6020673262<br>PB 260036 | 3       | AGO 190027<br>PB 230141 | 98<br>60                 | 119<br>55               | 92<br>42      | 107<br>32         | 104<br>35          | 111<br>46    | 100<br>-0.05<br>64 | 86<br>0.47<br>46   | 96<br>-4<br>32   | 119<br>10.4<br>55 | 92<br>-3.8<br>42  | 111<br>23<br>43             | 112<br>8.9<br>33       | 104<br>4.2<br>42    | 105<br>0.4<br>21  | 103<br>11.7<br>42 |
| PB 260039<br>6020673270<br>PB 260039 | 3       | AGO 190027<br>PB 220120 | 102<br>61                | 110<br>54               | 93<br>42      | 119<br>33         | 107<br>35          | 111<br>46    | 103<br>-0.28<br>64 | 86<br>0.46<br>47   | 82<br>-15<br>33  | 110<br>6.7<br>54  | 93<br>-3.4<br>42  | 111<br>22<br>43             | 105<br>4.9<br>34       | 107<br>-3.0<br>39   | 103<br>0.8<br>22  | 105<br>13.2<br>43 |
| PB 260040<br>6020673288<br>PB 260040 | 1       | AGO 190027<br>PB 230052 | 86<br>59                 | 119<br>52               | 98<br>43      | 93<br>31          | 105<br>34          | 106<br>44    | 86<br>1.14<br>62   | 107<br>-0.38<br>46 | 105<br>4<br>31   | 119<br>10.7<br>52 | 98<br>-2.0<br>43  | 114<br>28<br>42             | 114<br>10.5<br>35      | 103<br>4.5<br>42    | 109<br>-0.5<br>18 | 105<br>13.5<br>42 |
| PB 260042<br>6020827009<br>PB 260042 | 2       | AGO 190027<br>PB 230086 | 95<br>60                 | 116<br>55               | 93<br>42      | 113<br>32         | 99<br>34           | 106<br>46    | 96<br>0.30<br>64   | 93<br>0.18<br>46   | 89<br>-10<br>32  | 116<br>9.3<br>55  | 93<br>-3.2<br>42  | 114<br>29<br>43             | 111<br>8.2<br>32       | 98<br>14.0<br>41    | 97<br>2.5<br>19   | 105<br>13.6<br>41 |
| PB 260044<br>6020827835<br>PB 260044 | 8       | HOT 170344<br>HS 190017 | 103<br>63                | 125<br>54               | 92<br>48      | 95<br>40          | 98<br>43           | 115<br>49    | 108<br>-0.68<br>65 | 67<br>1.20<br>53   | 103<br>3<br>40   | 125<br>13.4<br>54 | 92<br>-3.7<br>48  | 114<br>30<br>47             | 119<br>12.9<br>34      | 97<br>16.9<br>48    | 108<br>-0.3<br>30 | 95<br>5.1<br>51   |
| PB 260045<br>6020827843<br>PB 260045 | 1       | AGO 190027<br>PB 230047 | 101<br>60                | 121<br>51               | 90<br>42      | 98<br>32          | 104<br>35          | 113<br>44    | 99<br>0.06<br>63   | 101<br>-0.11<br>46 | 102<br>1<br>32   | 121<br>11.4<br>51 | 90<br>-4.1<br>42  | 110<br>21<br>42             | 120<br>13.6<br>34      | 102<br>6.5<br>43    | 101<br>1.4<br>21  | 109<br>16.7<br>42 |

## Selection List on Cow Values

### Bulls 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 |        |
|--------------------|------------|-----------|------------|-----------------|---------------------------------|--------------------------------|----------------------|------------------------|---------------------------|---------------------|--------|
|                    |            |           |            |                 | ★★★★★                           |                                |                      |                        |                           |                     |        |
| 1                  | PB 230124  | PB 230124 | CSA 180194 | AGO 200052      | 6.0                             | 119 65                         | 119 67               | 90 57                  | 94 43                     | 105 45              | 125 56 |
|                    |            |           |            |                 | ★★★★★                           |                                |                      |                        |                           |                     |        |
| 1                  | HOT 170344 | THOR      | C 110154   | C 110276        | 1.9                             | 103 88                         | 138 88               | 79 68                  | 85 55                     | 92 62               | 111 73 |
| 2                  | PB 230128  | PB 230128 | HOT 170344 | HS 190011       | 8.3                             | 110 64                         | 117 65               | 86 52                  | 111 42                    | 103 45              | 116 54 |
| 3                  | PB 230146  | PB 230146 | AGO 190027 | CSA 180126      | 1.7                             | 104 64                         | 116 64               | 90 50                  | 110 34                    | 106 38              | 114 52 |
| 4                  | PB 240102  | PB 240102 | HOT 170344 | CSA 200017      | 5.5                             | 113 64                         | 116 66               | 88 52                  | 79 41                     | 100 42              | 111 54 |
| 5                  | PB 240128  | PB 240128 | AGO 190027 | PB 220025       | 2.3                             | 95 61                          | 113 62               | 98 45                  | 103 34                    | 110 34              | 112 49 |
|                    |            |           |            |                 | ★★★★★                           |                                |                      |                        |                           |                     |        |
| 1                  | AGO 190027 | HULK      |            | C 130208        | 0.0                             | 87 86                          | 119 88               | 93 67                  | 112 49                    | 109 51              | 109 70 |
| 2                  | PB 230080  | PB 230080 | HOT 170344 | CSA 150033      | 3.9                             | 101 66                         | 119 67               | 88 53                  | 88 40                     | 100 43              | 106 55 |
| 3                  | PB 240139  | PB 240139 | CSA 150066 | CSA 160127      | 3.4                             | 111 61                         | 103 58               | 99 56                  | 108 46                    | 99 49               | 109 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 |
|--------------|------------|------------|------------|------------|-----------------|--------------------------|-------------------------|---------------|-----------------|--------------------|--------------|
| Sorted on ID |            |            |            |            |                 | Acc                      | Acc                     | Acc           | Acc             | Acc                | Acc          |
|              |            |            |            |            |                 | ★★★★★★                   |                         |               |                 |                    |              |
| 1            | HS 190044  | 19-0044HS  | OW 140572  | OW 140476  | 9.7             | 113 70                   | 107 64                  | 109 71        | 121 57          | 114 59             | 133 61       |
| 2            | PB 230106  | PB 230106  | CSA 200048 | CSA 140017 | 1.2             | 104 60                   | 124 56                  | 105 58        | 102 43          | 109 44             | 132 51       |
| 3            | PB 230107  | PB 230107  | CSA 200048 | CSA 140017 | 1.2             | 105 60                   | 124 56                  | 107 58        | 85 43           | 109 44             | 131 51       |
|              |            |            |            |            |                 | ★★★★★☆                   |                         |               |                 |                    |              |
| 1            | CSA 160033 | 16-0033CSA | C 110500   | DO 050010  | 5.0             | 124 77                   | 102 75                  | 115 80        | 82 63           | 98 59              | 123 68       |
| 2            | HS 190017  | 19-0017HS  | OW 140572  | HS 150031  | 9.7             | 108 69                   | 112 62                  | 104 68        | 110 56          | 103 58             | 120 59       |
| 3            | HS 190095  | 19-0095HS  | OW 140572  | OW 160143  | 7.5             | 106 73                   | 112 71                  | 107 73        | 95 58           | 107 58             | 121 64       |
| 4            | PB 230098  | PB 230098  | CSA 200048 | TOP 170254 | 1.8             | 102 59                   | 133 54                  | 100 50        | 72 34           | 96 42              | 121 48       |
| 5            | PB 230117  | PB 230117  | HOT 170344 | TOP 170254 | 4.6             | 95 67                    | 133 67                  | 106 59        | 68 42           | 98 41              | 120 56       |
| 6            | PB 230120  | PB 230120  | CSA 200048 | CSA 140017 | 1.2             | 102 60                   | 125 56                  | 109 58        | 76 43           | 108 44             | 129 51       |
| 7            | PB 230136  | PB 230136  | AGO 190027 | PB 210109  | 4.1             | 87 65                    | 123 63                  | 101 55        | 137 44          | 115 41             | 126 53       |
| 8            | PB 240099  | PB 240099  | PB 210120  | AGO 200052 | 5.3             | 120 62                   | 116 66                  | 89 50         | 83 37           | 107 37             | 120 52       |
| 9            | PB 240111  | PB 240111  | PB 210120  | HS 190044  | 6.5             | 111 63                   | 100 65                  | 108 49        | 110 38          | 111 39             | 121 52       |
| 10           | PB 240118  | PB 240118  | PB 210120  | HS 190050  | 6.5             | 114 64                   | 107 65                  | 103 50        | 91 38           | 108 40             | 121 53       |
|              |            |            |            |            |                 | ★★★★★                    |                         |               |                 |                    |              |
| 1            | AGO 200052 | 20-0052AGO |            | AGO 160049 | 0.0             | 119 66                   | 128 71                  | 70 74         | 79 55           | 107 52             | 118 62       |
| 2            | CSA 140017 | 14-0017CSA | C 110151   | DO 060053  | 4.7             | 104 76                   | 93 72                   | 127 80        | 76 50           | 110 57             | 116 65       |
| 3            | CSA 180126 | 18-0126CSA | CSA 150029 | CSA 160062 | 8.1             | 118 72                   | 110 62                  | 90 71         | 112 45          | 102 56             | 117 59       |
| 4            | HS 190008  | 19-0008HS  | OW 160160  | OW 160218  | 3.7             | 92 53                    | 110 50                  | 129 57        | 66 43           | 104 45             | 118 47       |
| 5            | HS 190011  | 19-0011HS  | C 110505   | HS 150031  | 4.8             | 111 73                   | 93 69                   | 97 76         | 134 64          | 113 64             | 113 65       |
| 6            | HS 190014  | 19-0014HS  | C 110505   | HS 150031  | 4.8             | 108 72                   | 98 68                   | 105 74        | 118 58          | 108 63             | 115 64       |
| 7            | HS 190032  | 19-0032HS  | C 110505   | OW 130391  | 0.8             | 104 70                   | 94 64                   | 118 71        | 119 55          | 100 61             | 111 61       |
| 8            | HS 190050  | 19-0050HS  | OW 140572  | HS 150031  | 9.7             | 112 71                   | 109 67                  | 99 75         | 97 57           | 109 60             | 119 63       |
| 9            | PB 210102  | 21-0102PB  | OW 180535  | HS 190050  | 7.6             | 107 66                   | 106 49                  | 99 55         | 94 45           | 111 46             | 115 49       |
| 10           | PB 220025  | 22-0025PB  | TOP 180127 | TOP 170219 | 5.3             | 117 60                   | 102 56                  | 99 57         | 96 45           | 110 44             | 118 51       |
| 11           | PB 220059  | 22-0059PB  | HOT 170344 | CSA 160033 | 8.2             | 113 69                   | 121 68                  | 95 60         | 81 48           | 94 48              | 116 58       |
| 12           | PB 220082  | 22-0082PB  | CSA 170062 | TOP 170254 | 2.9             | 113 65                   | 101 63                  | 105 68        | 77 50           | 114 51             | 117 57       |
| 13           | PB 220084  | 22-0084PB  | CSA 170062 | TOP 170254 | 2.9             | 113 63                   | 101 61                  | 107 63        | 79 44           | 105 49             | 114 55       |
| 14           | PB 220120  | 22-0120PB  | HOT 170344 | HS 190011  | 8.3             | 114 67                   | 103 64                  | 93 52         | 125 42          | 104 46             | 113 54       |
| 15           | PB 230045  | PB 230045  | AGO 180120 | CSA 160033 | 1.4             | 109 58                   | 112 60                  | 97 61         | 92 52           | 105 47             | 115 53       |

## 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 |
|--------------|------------|------------|------------|------------|-----------------|--------------------------|-------------------------|---------------|-----------------|--------------------|--------------|
| Sorted on ID |            |            |            |            |                 | Acc                      | Acc                     | Acc           | Acc             | Acc                | Acc          |
|              |            |            |            |            |                 | ★★★★★                    |                         |               |                 |                    |              |
| 16           | PB 230046  | PB 230046  | CSA 170062 | CSA 160033 | 4.2             | 118 64                   | 97 62                   | 104 65        | 82 55           | 106 52             | 114 57       |
| 17           | PB 230047  | PB 230047  | CSA 200048 | CSA 170051 | 2.0             | 114 60                   | 123 53                  | 88 50         | 87 39           | 98 48              | 117 49       |
| 18           | PB 230048  | PB 230048  | CSA 170062 | CSA 160030 | 2.4             | 116 63                   | 94 61                   | 100 64        | 124 54          | 111 52             | 116 56       |
| 19           | PB 230058  | PB 230058  | HOT 170344 | HS 190014  | 8.3             | 96 66                    | 119 67                  | 97 58         | 103 47          | 104 49             | 113 57       |
| 20           | PB 230061  | PB 230061  | HOT 170344 | CSA 160033 | 8.2             | 108 67                   | 128 67                  | 95 53         | 81 42           | 96 47              | 119 56       |
| 21           | PB 230070  | PB 230070  | HOT 170344 | CSA 170051 | 6.5             | 113 67                   | 114 66                  | 88 52         | 96 40           | 98 50              | 110 56       |
| 22           | PB 230071  | PB 230071  | AGO 190027 | PB 210099  | 2.1             | 106 64                   | 102 64                  | 85 57         | 131 44          | 116 41             | 110 54       |
| 23           | PB 230097  | PB 230097  | TOP 170235 | CSA 140017 | 2.1             | 108 64                   | 106 62                  | 102 65        | 66 54           | 109 51             | 112 56       |
| 24           | PB 230104  | PB 230104  | CSA 200048 | CSA 150033 | 5.6             | 99 60                    | 128 57                  | 87 58         | 73 47           | 107 45             | 114 51       |
| 25           | PB 230108  | PB 230108  | TOP 170235 | CSA 140017 | 2.1             | 107 64                   | 106 60                  | 96 60         | 81 49           | 108 51             | 110 55       |
| 26           | PB 230121  | PB 230112  | CSA 170062 | CSA 160030 | 2.4             | 119 63                   | 92 61                   | 97 64         | 108 54          | 111 52             | 113 56       |
| 27           | PB 230141  | PB 230141  | HOT 170344 | HS 190050  | 7.6             | 108 66                   | 119 64                  | 90 51         | 98 40           | 99 47              | 113 54       |
| 28           | PB 240031  | PB 240031  | HOT 170344 | HS 190008  | 6.0             | 97 52                    | 124 50                  | 104 45        | 75 35           | 98 39              | 114 44       |
| 29           | PB 240091  | PB 240091  | HOT 170344 | CSA 160033 | 8.2             | 112 65                   | 124 67                  | 95 53         | 83 42           | 95 43              | 118 55       |
| 30           | PB 240092  | PB 240092  | AGO 190027 | PB 220059  | 1.9             | 98 62                    | 120 64                  | 95 46         | 97 34           | 102 36             | 112 50       |
| 31           | PB 240100  | PB 240100  | PB 210120  | CSA 160085 | 5.3             | 109 63                   | 92 64                   | 107 48        | 109 34          | 114 39             | 114 51       |
| 32           | PB 240115  | PB 240115  | AGO 190027 | PB 220082  | 1.6             | 103 62                   | 108 64                  | 98 48         | 94 35           | 112 37             | 114 51       |
| 33           | TOP 170254 | 17-0254TOP | CSA 140057 | CSA 140017 | 0.8             | 97 76                    | 111 73                  | 123 77        | 67 43           | 104 52             | 118 64       |
|              |            |            |            |            |                 | ★★★★☆                    |                         |               |                 |                    |              |
| 1            | CSA 160030 | 16-0030CSA | C 110154   | C 090353   | 7.0             | 120 76                   | 87 72                   | 88 80         | 134 59          | 107 59             | 105 66       |
| 2            | CSA 160085 | 16-0085CSA | C 110505   |            | 0.0             | 91 70                    | 101 61                  | 101 70        | 110 45          | 120 57             | 108 58       |
| 3            | CSA 170051 | 17-0051CSA | C 110505   | C 090107   | 6.6             | 119 76                   | 93 70                   | 98 77         | 104 58          | 105 66             | 109 66       |
| 4            | CSA 180034 | 18-0034CSA | C 110505   | C 100033   | 1.5             | 109 75                   | 87 70                   | 104 74        | 114 58          | 104 62             | 102 65       |
| 5            | CSA 200017 | 20-0017CSA | CSA 170062 | C 100033   | 4.0             | 114 71                   | 98 69                   | 100 75        | 76 60           | 108 54             | 109 63       |
| 6            | CSA 200024 | 20-0024CSA | CSA 160056 | CSA 180023 | 2.7             | 114 71                   | 103 65                  | 97 72         | 119 62          | 92 51              | 107 60       |
| 7            | CTM 210014 | 21-0014CTM | CTM 130203 | CSA 160030 | 1.5             | 115 71                   | 96 65                   | 73 72         | 123 57          | 113 49             | 101 60       |
| 8            | PB 210099  | 21-0099PB  | OW 180552  | HS 190011  | 9.7             | 108 68                   | 88 59                   | 93 68         | 132 51          | 119 50             | 108 56       |
| 9            | PB 210104  | 21-0104PB  | CSA 180201 | CSA 170051 | 1.1             | 100 70                   | 98 56                   | 99 60         | 110 40          | 104 52             | 100 54       |
| 10           | PB 220048  | 22-0048PB  | CSA 190150 | CSA 200038 | 2.4             | 98 69                    | 146 67                  | 63 58         | 96 46           | 96 47              | 109 57       |
| 11           | PB 220052  | 22-0052PB  | HOT 170344 | CSA 170051 | 6.5             | 112 68                   | 117 67                  | 77 59         | 93 47           | 100 51             | 105 58       |
| 12           | PB 220055  | 22-0055PB  | CSA 190006 | CSA 200017 | 8.7             | 98 68                    | 114 68                  | 80 61         | 91 42           | 112 47             | 103 57       |
| 13           | PB 220065  | 22-0065PB  | CSA 170062 | CSA 150033 | 10.4            | 100 66                   | 101 61                  | 100 64        | 92 53           | 110 50             | 105 56       |

## 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 |        |
|--------------|------------|------------|------------|-----------------|--------------------------|-------------------------|---------------|-----------------|--------------------|--------------|--------|
| Sorted on ID |            |            |            |                 | Acc                      | Acc                     | Acc           | Acc             | Acc                | Acc          |        |
|              |            |            |            |                 | ★★★★☆                    |                         |               |                 |                    |              |        |
| 14           | PB 220081  | 22-0081PB  | CSA 170062 | CSA 180034      | 4.9                      | 111 65                  | 91 60         | 99 63           | 106 54             | 113 54       | 108 56 |
| 15           | PB 220085  | 22-0085PB  | CSA 170062 | CSA 180034      | 4.9                      | 112 65                  | 92 58         | 103 57          | 102 49             | 106 53       | 107 54 |
| 16           | PB 230023  | PB 230023  | HOT 170344 | CSA 180054      | 4.1                      | 94 57                   | 126 55        | 89 55           | 90 43              | 99 40        | 108 49 |
| 17           | PB 230052  | PB 230052  | AGO 180120 | TOP 170254      | 1.1                      | 89 57                   | 118 56        | 101 53          | 80 39              | 101 45       | 105 49 |
| 18           | PB 230053  | PB 230053  | AGO 180120 | TOP 170254      | 1.1                      | 93 58                   | 117 56        | 100 53          | 80 39              | 107 45       | 109 49 |
| 19           | PB 230055  | PB 230055  | CSA 170062 | AGO 160023      | 4.2                      | 110 58                  | 100 59        | 100 57          | 93 46              | 105 45       | 109 51 |
| 20           | PB 230059  | PB 230059  | AGO 180120 | TOP 170254      | 1.1                      | 87 58                   | 118 59        | 98 60           | 86 45              | 108 45       | 107 52 |
| 21           | PB 230060  | PB 230060  | AGO 180120 | TOP 170254      | 1.1                      | 88 58                   | 118 59        | 99 60           | 66 45              | 108 45       | 105 52 |
| 22           | PB 230086  | PB 230086  | HOT 170344 | CSA 200024      | 5.6                      | 108 66                  | 111 65        | 93 51           | 115 41             | 89 45        | 105 54 |
| 23           | PB 230112  | PB 230112  | CSA 170062 | CSA 150033      | 10.4                     | 100 64                  | 101 61        | 101 64          | 105 54             | 111 52       | 108 56 |
| 24           | PB 230113  | PB 230113  | CSA 170062 | CSA 150033      | 10.4                     | 104 64                  | 100 59        | 101 59          | 90 49              | 106 51       | 105 54 |
| 25           | PB 230116  | PB 230116  | TOP 170235 | CSA 140017      | 2.1                      | 111 64                  | 104 60        | 93 60           | 82 49              | 106 51       | 107 55 |
| 26           | PB 230119  | PB 230119  | TOP 170235 | CSA 140017      | 2.1                      | 113 64                  | 102 62        | 93 65           | 58 54              | 110 51       | 106 56 |
| 27           | PB 230130  | PB 230130  | HOT 170344 | CSA 200142      | 5.2                      | 101 65                  | 114 63        | 88 48           | 97 38              | 103 40       | 105 52 |
| 28           | PB 230148  | PB230148   | AGO 190027 | CSA 160030      | 0.7                      | 109 67                  | 101 67        | 84 59           | 134 46             | 110 44       | 108 56 |
| 29           | PB 240124  | PB 240124  | CSA 150066 | CSA 160127      | 3.4                      | 111 61                  | 103 58        | 99 56           | 108 46             | 99 49        | 109 52 |
| 30           | PB 240133  | PB 240133  | CSA 150066 | CSA 160127      | 3.4                      | 111 61                  | 103 58        | 99 56           | 108 46             | 99 49        | 109 52 |
|              |            |            |            |                 | ★★★★★                    |                         |               |                 |                    |              |        |
| 1            | CSA 150033 | 15-0033CSA | C 130009   | C 130253        | 5.8                      | 88 78                   | 104 74        | 99 78           | 94 59              | 107 60       | 98 67  |
| 2            | PB 220014  | 22-0014PB  | CTM 180004 | CSA 160030      | 7.0                      | 114 67                  | 81 60         | 88 60           | 130 48             | 108 41       | 95 54  |
| 3            | PB 230039  | PB 230039  | AGO 180120 | CSA 150033      | 9.1                      | 87 58                   | 114 59        | 86 60           | 88 50              | 109 47       | 96 52  |
| 4            | PB 230042  | PB 230042  | AGO 180120 | CSA 150033      | 9.1                      | 84 58                   | 115 56        | 90 54           | 95 44              | 109 47       | 99 50  |

## Selection List on Cow Values

### Bull Calves younger than 2 years

| 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 |
|--------------|-----------|-----------|------------|------------|-----------------|--------------------------|-------------------------|---------------|-----------------|--------------------|--------------|
| Sorted on ID |           |           |            |            |                 | Acc                      | Acc                     | Acc           | Acc             | Acc                | Acc          |
|              |           |           |            |            |                 | ★★★★★                    |                         |               |                 |                    |              |
| 1            | PB 250101 | PB 250101 | HOT 170344 | HS 190014  | 8.3             | 100 64                   | 129 66                  | 88 51         | 88 40           | 100 45             | 113 54       |
| 2            | PB 250140 | PB 250140 | PB 210120  | TOP 170254 | 3.9             | 97 65                    | 116 66                  | 115 51        | 69 33           | 105 36             | 118 52       |
| 3            | PB 260011 | PB 260011 | PB 210120  | PB 220052  | 6.6             | 109 61                   | 111 55                  | 95 43         | 90 34           | 103 36             | 111 46       |
| 4            | PB 260024 | PB 260024 | HOT 170344 | PB 210102  | 6.2             | 110 62                   | 119 50                  | 88 44         | 89 35           | 102 39             | 114 46       |
|              |           |           |            |            |                 | ★★★★☆                    |                         |               |                 |                    |              |
| 1            | PB 250099 | PB 250099 | PB 210120  | CSA 160030 | 4.2             | 113 65                   | 96 66                   | 94 52         | 110 39          | 107 40             | 107 54       |
| 2            | PB 260006 | PB 260006 | PB 210120  | PB 220055  | 12.1            | 105 62                   | 104 55                  | 94 44         | 89 33           | 110 35             | 106 47       |
| 3            | PB 260046 | PB 260046 | AGO 190027 | PB 230113  | 2.2             | 98 61                    | 108 53                  | 96 45         | 102 34          | 108 37             | 107 46       |
| 4            | PB 260047 | PB 260047 | AGO 190027 | PB 230130  | 2.2             | 95 60                    | 116 54                  | 90 41         | 106 31          | 106 32             | 107 45       |

## Selection List on Cow Values

### Heifers younger than 2 years

| 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 |
|--------------|-----------|-----------|------------|------------|-----------------|--------------------------|-------------------------|---------------|-----------------|--------------------|--------------|
| Sorted on ID |           |           |            |            |                 | Acc                      | Acc                     | Acc           | Acc             | Acc                | Acc          |
|              |           |           |            |            |                 | ★★★★★                    |                         |               |                 |                    |              |
| 1            | PB 250037 | PB 250037 | PB 210120  | HS 190008  | 5.6             | 107 58                   | 108 59                  | 117 44        | 74 33           | 105 34             | 121 47       |
| 2            | PB 250117 | PB 250117 | PB 210120  | HS 190095  | 6.6             | 117 64                   | 102 66                  | 108 49        | 95 39           | 107 39             | 122 53       |
| 3            | PB 250141 | PB 250141 | AGO 190027 | PB 230107  | 0.9             | 95 61                    | 126 62                  | 98 45         | 94 33           | 109 34             | 121 49       |
| 4            | PB 260023 | PB 260023 | HOT 170344 | PB 220048  | 4.8             | 114 63                   | 142 55                  | 71 45         | 90 35           | 94 39              | 120 48       |
|              |           |           |            |            |                 | ★★★★★                    |                         |               |                 |                    |              |
| 1            | PB 250002 | PB 250002 | HOT 170344 | CSA 180034 | 8.0             | 112 65                   | 119 65                  | 89 51         | 94 40           | 98 45              | 114 54       |
| 2            | PB 250005 | PB 250005 | PB 210120  | HS 190032  | 6.6             | 112 63                   | 103 64                  | 110 49        | 101 37          | 103 41             | 119 52       |
| 3            | PB 250011 | PB 250011 | PB 210120  | PB 210099  | 7.6             | 111 61                   | 86 62                   | 104 47        | 121 36          | 113 36             | 110 50       |
| 4            | PB 250012 | PB 250012 | PB 210120  | CSA 180183 | 5.1             | 111 63                   | 95 54                   | 109 46        | 100 38          | 102 39             | 110 48       |
| 5            | PB 250024 | PB 250024 | PB 210120  | PB 210096  | 6.5             | 117 60                   | 92 50                   | 109 42        | 104 32          | 109 35             | 117 44       |
| 6            | PB 250029 | PB 250029 | AGO 190027 | PB 220085  | 1.9             | 101 60                   | 107 53                  | 99 44         | 107 34          | 108 38             | 111 46       |
| 7            | PB 250040 | PB 250040 | AGO 190027 | PB 220084  | 1.6             | 109 60                   | 102 61                  | 100 47        | 99 33           | 108 36             | 112 49       |
| 8            | PB 250041 | PB 250041 | PB 210120  | HS 190017  | 6.5             | 104 62                   | 108 62                  | 109 47        | 96 38           | 105 39             | 117 51       |
| 9            | PB 250100 | PB 250100 | PB 210120  | HS 190011  | 8.8             | 114 64                   | 93 66                   | 104 50        | 119 41          | 110 41             | 115 53       |
| 10           | PB 250104 | PB 250104 | AGO 190027 | PB 230058  | 2.5             | 87 62                    | 123 64                  | 95 45         | 107 34          | 107 36             | 111 50       |
| 11           | PB 250113 | PB 250113 | PB 210120  | CSA 140017 | 1.4             | 119 65                   | 90 66                   | 118 52        | 87 35           | 109 39             | 119 53       |
| 12           | PB 250114 | PB 250114 | HOT 170344 | CSA 160033 | 8.2             | 113 65                   | 121 67                  | 96 53         | 85 42           | 95 43              | 117 55       |
| 13           | PB 250127 | PB 250127 | AGO 190027 | PB 230046  | 1.8             | 110 62                   | 102 63                  | 100 47        | 105 37          | 108 37             | 113 51       |
| 14           | PB 250131 | PB 250131 | PB 210120  | CSA 150033 | 6.7             | 114 65                   | 92 67                   | 105 51        | 104 38          | 107 40             | 111 54       |
| 15           | PB 250133 | PB 250133 | AGO 190027 | PB 230097  | 0.7             | 105 62                   | 120 63                  | 91 47         | 80 37           | 109 36             | 117 50       |
| 16           | PB 250142 | PB 250142 | AGO 190027 | PB 230120  | 0.9             | 90 61                    | 130 62                  | 99 45         | 86 33           | 109 34             | 119 49       |
| 17           | PB 250153 | PB 250153 | HOT 170344 | PB 220082  | 3.9             | 111 62                   | 111 64                  | 95 49         | 88 37           | 103 41             | 113 52       |
| 18           | PB 250158 | PB 250158 | PB 210120  | CSA 160085 | 5.3             | 117 63                   | 90 64                   | 105 48        | 108 34          | 114 39             | 117 51       |
| 19           | PB 250162 | PB 250162 | HOT 170344 | PB 220081  | 5.7             | 114 62                   | 113 53                  | 89 46         | 93 38           | 103 41             | 114 47       |
| 20           | PB 260009 | PB 260009 | AGO 190027 | PB 230061  | 1.9             | 93 62                    | 125 55                  | 95 43         | 93 32           | 103 35             | 112 46       |
| 21           | PB 260012 | PB 260012 | AGO 190027 | PB 230070  | 1.6             | 100 61                   | 116 55                  | 91 42         | 106 32          | 104 36             | 110 46       |
| 22           | PB 260018 | PB 260018 | HOT 170344 | PB 220059  | 29.6            | 111 63                   | 128 55                  | 86 45         | 83 36           | 93 39              | 114 48       |
| 23           | PB 260022 | PB 260022 | HOT 170344 | PB 220025  | 6.0             | 107 61                   | 122 52                  | 90 45         | 90 36           | 101 38             | 114 46       |
| 24           | PB 260026 | PB 260026 | HOT 170344 | PB 220085  | 5.7             | 114 61                   | 113 53                  | 90 45         | 91 36           | 99 41              | 111 47       |
| 25           | PB 260032 | PB 260032 | AGO 190027 | PB 230098  | 1.3             | 94 59                    | 126 52                  | 97 42         | 87 30           | 103 33             | 114 44       |
| 26           | PB 260036 | PB 260036 | AGO 190027 | PB 230141  | 2.9             | 98 60                    | 119 55                  | 92 42         | 107 32          | 104 35             | 111 46       |

## Selection List on Cow Values

### Heifers younger than 2 years

| 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 |
|--------------|-----------|-----------|------------|------------|-----------------|--------------------------|-------------------------|---------------|-----------------|--------------------|--------------|
| Sorted on ID |           |           |            |            |                 | Acc                      | Acc                     | Acc           | Acc             | Acc                | Acc          |
|              |           |           |            |            |                 | ★★★★★                    |                         |               |                 |                    |              |
| 27           | PB 260039 | PB 260039 | AGO 190027 | PB 220120  | 2.5             | 102 61                   | 110 54                  | 93 42         | 119 33          | 107 35             | 111 46       |
| 28           | PB 260044 | PB 260044 | HOT 170344 | HS 190017  | 7.6             | 103 63                   | 125 54                  | 92 48         | 95 40           | 98 43              | 115 49       |
| 29           | PB 260045 | PB 260045 | AGO 190027 | PB 230047  | 1.3             | 101 60                   | 121 51                  | 90 42         | 98 32           | 104 35             | 113 44       |
|              |           |           |            |            |                 | ★★★★☆                    |                         |               |                 |                    |              |
| 1            | PB 250112 | PB 250112 | HOT 170344 | PB 220065  | 3.6             | 94 62                    | 119 63                  | 92 48         | 91 38           | 101 40             | 105 51       |
| 2            | PB 250121 | PB 250121 | PB 210120  | PB 220014  | 3.4             | 121 61                   | 84 62                   | 100 45        | 118 34          | 107 33             | 108 49       |
| 3            | PB 250123 | PB 250123 | AGO 190027 | PB 230023  | 2.0             | 87 60                    | 122 62                  | 93 44         | 106 33          | 104 33             | 107 48       |
| 4            | PB 260021 | PB 260021 | HOT 170344 | PB 210104  | 4.0             | 102 63                   | 117 52                  | 89 45         | 95 34           | 98 41              | 105 47       |
| 5            | PB 260040 | PB 260040 | AGO 190027 | PB 230052  | 1.1             | 86 59                    | 119 52                  | 98 43         | 93 31           | 105 34             | 106 44       |
| 6            | PB 260042 | PB 260042 | AGO 190027 | PB 230086  | 2.1             | 95 60                    | 116 55                  | 93 42         | 113 32          | 99 34              | 106 46       |
|              |           |           |            |            |                 | ★★★★                     |                         |               |                 |                    |              |
| 1            | PB 250138 | PB 250138 | PB 210120  | CSA 180034 | 7.7             | 100 64                   | 83 66                   | 107 50        | 111 38          | 106 41             | 94 53        |