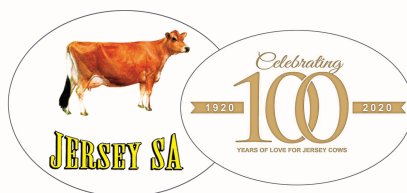




# JERSEY GENOMIC BREEDING VALUE REPORT

September 2026



REDCLIFFE DAIRY

Kuddenr : 708132



CERTIFICATE  
OF QUALITY  
Valid up to  
October 2029

## Genomic EBVs (GEBVs)



SA Stud Book strives to stay abreast of the latest scientific and technological developments. A Genomic Evaluation has therefore been developed for the SA Jersey breed, where genomic data are now also included as a source of information in the genetic evaluation. Animals that were genotyped through SA Stud Book's Genomic Selection Service, are indicated by the accompanying logo in the Report. Currently mostly older animals have been genotyped, which is essential to establish the relationship between SNP markers and breeding values. This means that if a young animal has been genotyped, more information is available for estimation of its breeding values, therefore the breeding values can be estimated more reliably, especially those of complex traits like fertility and longevity. The SA Jersey breed is one of the first dairy cattle breeds in Africa to receive GEBVs, based on measurements in the SA environment. This ensures that the expression of genes in the SA environment is captured and that the GEBVs are established on the genetic parameters of the SA population. This has been made possible mainly through funding of the *Dairy Genomics Program*.



Another benefit of genomic analyses is the accurate verification of parentages, based on more than 50 000 SNP markers. If both the animal and parent have genomic tests, parentage as recorded on Logix, can be verified. The top block refers to the sire and the bottom block to the dam of the animal. This is indicated as follows in the Report:



Parent does not have a genomic test. Parentage is not verified.



Both animal and parent have genomic tests, and the parentage is verified.



The genomic test indicates that there is a conflict in the parentage, *i.e.* the parentage is not correct.

Possible reasons:

1. The parentage was incorrectly recorded on Logix. Genomic information can be applied to indicate the correct parent, if that parent had also been genotyped. If the breeder of the animal can confirm that the suggested parent was also on the farm/ semen of bull was also used at the time of mating, the breeder should correct the parentage *via* the Breed Society on Logix.
2. The wrong biological sample was submitted for the genomic test. (Please ensure that biological samples are collected and labelled correctly, as the genomic test is very precise). In this case, the test should be repeated.

In the Genomic Evaluation relationships amongst the animals are adjusted according to the genomic information. It is therefore the breeder's responsibility to correct conflicting pedigree

information on Logix. The effect of correction of parentages on the estimation of breeding values, range from mild to drastic. If the correct and conflicting parents are, for example, closely related, the effect could be minimal. Similarly the effect will be minimal when the animal already has EBVs of high accuracy, *i.e.* has many measured progeny that contributed to the estimation of its breeding values, as is the case with most of the animals tested up to date. However, if the correct and conflicting parents differ genetically, or the animal is still young (its breeding values are mostly determined by its parent average), the effect could be much larger. It is in the interest of the breeder, the breed and the genomic programme to have correct recorded parentages as far as possible. For any questions – and if you would like to know if the genomic test indicated another parent – please contact Dr Bernice Mostert at [bernice@studbook.co.za](mailto:bernice@studbook.co.za).

## MACE Breeding Values

Young foreign AI-bulls' MACE (international) breeding values are still blended with their SA EBVs until the reliability of the bulls' EBVs, based on their SA daughters, reach 80%. Thereafter their EBVs are based solely on their SA daughters' information (measurements and genotypes). EBVs of young SA bulls that do not have daughter information, as well as those of heifers, are also based on their AI-sires' MACE EBVs.

## Selection Indices

To simplify selection, different (G)EBVs are combined in **selection indices**, *i.e.* the SAINET (total merit index), FMI (Fluid Merit Index) and CYI (Cheese Yield Index). In these indices the (G)EBVs are combined in optimal proportions, according to the specific market that is being served. Proportional contributions to the indices are indicated in the table.

|              | SAINET | FMI   | CMI |
|--------------|--------|-------|-----|
| Milk         | 7      | 9     | -18 |
| Butterfat    | 14     | 9     | 18  |
| Protein      | 14     | 27    | 27  |
| Udder Health | 20     | 15    | 10  |
| Fertility    | 15     | 15    | 15  |
| Herd Life    | 5      | 12.5  | 10  |
| Udder        | 12.5   | 6.25  | 10  |
| Body         | 8.75   | 4.375 | 7   |
| F&L          | 3.25   | 1.875 | 3   |

Use [www.sadairybulls.com](http://www.sadairybulls.com), SA Stud Book's search engine, to view genetic profiles of specific bulls or groups of bulls. All (G)EBVs are expressed on the SA base, which is directly comparable to the (G)EBVs of your herd.

# General Selection Guidelines

## Production

## Health

## Fertility

## Herd Life

## Indices

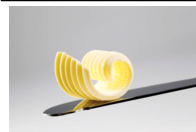
Traits for which breeding values (EBVs) are estimated

Milk (kg)



Milk Production

Butterfat (kg)



Bfat Production

Protein (kg)



Prot Production

Bfat & Prot %



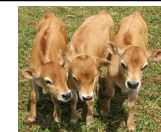
Solid percentages

Somatic Cell Score



Infection Resistance

Fertility



Calving Interval

Longevity



Survival to 4th calving

SAINET



Combination of EBVs

|             | Milk Production        | Bfat Production        | Prot Production        | Percentages | Somatic Cells    | Calving Interval | Func. Herd Life   | SAINET         |
|-------------|------------------------|------------------------|------------------------|-------------|------------------|------------------|-------------------|----------------|
| Unit        | kg                     | kg                     | kg                     | %           | Score            | Days             | Std Deviations    | Std Deviations |
| High EBV    | Higher milk production | Higher bfat production | Higher prot production | More solids | More susceptible | Less fertile     | Longer herd life  | More economic  |
| Low EBV     | Lower milk production  | Lower bfat production  | Lower prot production  | Less solids | Less susceptible | More fertile     | Shorter herd life | Less economic  |
| Optimum EBV | Higher                 | Higher                 | Higher                 | Higher      | Lower            | Lower            | Higher            | Higher         |

## Linear Traits

| Udder       | FUA<br>Fore Udder Attachment<br>Vooruier aanhegting | RUH<br>Rear Udder Height<br>Agterbene hoogte | RUW<br>Rear Udder Width<br>Agteruier breedte | UC<br>Udder Cleft<br>Uierspleet | UD<br>Udder Depth<br>Uierdiepte | FTP<br>Front Teat Placement<br>Voorspeenplasing | RTP<br>Rear Teat Placement<br>Agterspeenplasing | TL<br>Teat Length<br>Speenlengte |
|-------------|-----------------------------------------------------|----------------------------------------------|----------------------------------------------|---------------------------------|---------------------------------|-------------------------------------------------|-------------------------------------------------|----------------------------------|
| High EBV    | Strong                                              | High                                         | Broad                                        | Deep                            | Shallow                         | Inside                                          | Inside                                          | Long                             |
| Low EBV     | Loose                                               | Low                                          | Narrow                                       | None                            | Deep                            | Wide                                            | Wide                                            | Short                            |
| Optimum EBV | High                                                | High                                         | High                                         | Intermediate High               | Intermediate                    | Intermediate                                    | Intermediate                                    | Intermediate                     |

| Body        | WH<br>Wither height<br>Skofhoogte | CW<br>Chest width<br>Borsbreedte | BD<br>Body depth<br>Liggaamskapasiteit | DS<br>Dairy strength<br>Suivelsterkte | RA<br>Rump angle<br>Kruishelling | TW<br>Thurl width<br>Draaibeenwydte |
|-------------|-----------------------------------|----------------------------------|----------------------------------------|---------------------------------------|----------------------------------|-------------------------------------|
| High EBV    | High                              | Broad                            | Deep                                   | Strong                                | Low                              | Wide                                |
| Low EBV     | Low                               | Narrow                           | Shallow                                | Weak                                  | High                             | Narrow                              |
| Optimum EBV | Intermediate                      | Intermediate                     | Intermediate                           | Intermediate                          | Intermediate                     | Intermediate                        |

| Feet and Legs | RLS<br>Rear Legs Side View<br>Agterbene Sykant | FA<br>Foot angle<br>Hoefhelling | RLR<br>Rear Legs Rear View<br>Agterbene Agter | BS<br>Bone Strength<br>Beensterkte |
|---------------|------------------------------------------------|---------------------------------|-----------------------------------------------|------------------------------------|
| High EBV      | Sickled                                        | Deep                            | Square                                        | Strong                             |
| Low EBV       | Straight                                       | Shallow                         | Cow hocked                                    | Weak                               |
| Optimum EBV   | Intermediate                                   | Intermediate                    | Intermediate                                  | High                               |

# General Selection Guidelines

## Milk, Butterfat and Protein Production

EBVs for these traits enable breeders to increase the milk, butterfat and protein yields of their herds by identifying high potential cows and heifers to stay in the herd, while low potential cows and heifers can be sold/culled. Selection on production traits alone, however, results in a decline in solid percentages, fertility and longevity, while resistance to mastitis will also deteriorate.

## Butterfat and Protein Percentages

EBVs for the percentage traits indicate the amount of butterfat or protein relative to that of milk. Never select on percentage EBVs alone, as high percentage EBVs might also be due to low milk volumes. The percentage of solids in the herd can be increased by selecting for higher butterfat and protein EVBs, while keeping the genetic level of milk production constant.

## Calving Interval

These EBVs indicate how much longer (positive EBVs) or shorter (negative EBVs) an animal's calving interval is in comparison to the average of the base cows (cows born in 2005). A penalization is also applied in the genetic evaluation for cows with prolonged lactations without subsequent calving dates, therefore cows that struggles to become pregnant. Smaller EBVs are desirable and indicates more fertile animals.

## Somatic Cell Score

Low EBVs for Somatic Cell Score are an indication of a cow's genetic ability to resist infections, eg. mastitis. These breeding values are expressed as a score on the logarithmic scale. Smaller EBVs are therefore desirable.

## Functional Herd Life

EBVs for Functional Herd Life are expressed as relative indices with average the average of the base cows set to 100 and a standard deviation of 12. Animals with EBVs of 112 are therefore 1 standard deviation unit above the average, while EBVs of 76 are 2 standard deviation units below the average. These EBVs are based on the survival of cows up to the 4<sup>th</sup> calving.

## Linear Type Traits

EBVs are mostly intermediate, meaning that both extremes are undesirable. They are expressed as relative indices, with 100 as average of the base cows and 12 as standard deviation. Selection for these traits ensures functional animals that will stay in the herd and can therefore be seen as indirectly selection for longevity.

## Efficiency Index (EFI)

Genetic efficiency is determined by expressing the Body Weight Composite (BWC) in relation to the solid yield of the cow:

$$EFI = (0.41 * \text{Prot EBV}) + (0.335 * \text{BFat EBV}) + (0.03 * \text{Milk Density}) - (0.225 * \text{BWC})$$

waar Milk Density =  $-(\text{Milk EBV} - ((\text{BFat EBV} + \text{Prot EBV}) / 0.032))$  and

$$\text{BWC} = (0.23 * \text{WH}) + (0.15 * \text{CW}) + (0.19 * \text{BD}) + (0.10 * \text{TW}) - (0.33 * \text{DS})$$

### Abbreviations

|                |                       |
|----------------|-----------------------|
| <b>Prod</b>    | Production            |
| <b>UHealth</b> | Udder Health          |
| <b>FHL</b>     | Functional Herd Life  |
| <b>ICP</b>     | Intercalving Period   |
| <b>BWC</b>     | Body Weight Composite |
| <b>EFI</b>     | Efficiency Index      |
| <b>FMI</b>     | Fluid Milk Index      |
| <b>CYI</b>     | Cheese Yield Index    |
| <b>SAINET</b>  | Totale Merit Index    |

### Inclusion of Data

Data has to conform to the following specifications to be included :

#### Age restrictions

Lac1 : 15 – 36mths  
Lac2: 26 – 53 mths  
Lac3: 38 – 67mths

#### Production restrictions

Milk : 2 -70kg  
BF% : 2 – 12%  
Prot% : 2 – 6%

#### Test-day Records

1st test within 70 days after calving  
No interval longer than 100 days  
Only 1 interval between 75 and 100 days

At least one parent should be known

*The data used in this evaluation has been obtained from LOGIX, as supplied by breeders. Everything possible had been done to present the information correctly. SA Stud Book does not take any responsibility for the use and interpretation of the information from this publication.*

# SINGLE-GENE TRAITS

- Genes mutate or change. The most common form of a gene, is called the original gene or 'wild type'. Some genes have many different variants, but an animal can only have 2 of the variants, as one copy is received from the sire and the other from the dam. These genes can be the same variant (homozygous), or different variants (heterozygous).
- If the animal is heterozygous, one gene may dominate (animals with a polled gene and a horned gene will be polled because polled is dominant).
- Traits are rarely 100% influenced by a single gene; there are usually interactions with other genes that may (slightly) alter the trait.

Explanation of information on the report:

## Breed Fraction

Indication of the animal's breed purity with regards to 12 bovine breeds that are genotyped in South Africa.

## % Homozygosity

Percentage markers (SNPs) that are similar as received from the parents and therefore an indication of genetic diversity.

## DGAT1

A gene that increase butterfat production and butterfat- and protein percentages, while decreasing milk- and protein production.

### Important Information

SA Stud Book and/or the LOGIX system distance itself from any errors which are beyond its control and cannot be held liable for any such errors. SA Stud Book and the LOGIX system only publishes the information at its disposal and assumes that sampling on the farm, handling of the samples and the actions in the laboratory were performed correctly.

## Polled and Horned status

The Celtic gene is dominant for polled.

- PcPc: The animal breeds pure for polled. This means that the animal received a polled gene from both its parents and can only transmit the polled gene to its offspring.
- PcH: The animal is polled, but carries the horn gene, because the polled gene (Pc) is dominant over the horn gene (H). It can transmit either a polled or horned gene to its offspring.
- HH: The animal breeds pure for horns. It can only transmit horn genes to its offspring.
- The exact inheritance of 'Scurs' is still unknown.

## Beta-Casein composition of milk

Several variants of the gene for beta-casein in milk exists. The most common are the A1- and A2-variants, which are co-dominant. For pure A1-milk the cow therefore has to be A1A1, and for A2-milk she has to be A2A2, with similar quantities of A1- and A2-milk being produced by cows having the heterozygous genotype (A1A2). The A1-variant is associated with higher butterfat- and protein percentages, while the A2-variant has a positive impact on milk- and protein production and is considered to be more healthy.

## Kappa-Casein composition of milk

Important in the production of cheese. It forms about 13% of the protein in milk. and influences milk clotting and cheese yield as it is a stabilizing factor that determines how well and fast the milk coagulates. Two different forms of Kappa-Casein are tested for, with 3 different genotypes that can therefore occur depending on the variants that were carried over by the parents: AA, AB or BB. These genotypes produce different forms of Kappa-Casein in the milk which influences the quality of the cheese. Cows with BB-genotypes produce milk with higher levels of fat and protein that clots more quickly

and produce the highest cheese yield and is therefore the most desired genotype.

## Beta-Lactoglobulin (LGB)

Associated with traits of economical importance in cows relevant to milk composition, quality, yield as well as cheese production. LGB represents around 50% of the whey protein and 12% of the total milk protein of dairy cows. BB-genotypes are associated with milk quality (solids), while AA-genotypes are associated with milk production.

## Yellow Milk Fat Variant

A recessive gene, which increase  $\beta$ -carotene, a precursor of Vit A, in milk and results in yellow colouring of the milk.

## BLAD (Bovine Leukocyte Adhesion Deficiency)

An unwanted, recessive gene where affected calves often have severe ulcers in the mouth, teeth loss, chronic pneumonia and diarrhoea. Death often occurs at a young age due to infections.

## DUMPS

### (Deficiency of Uridine Monophosphate Synthase)

A lethal, recessive gene where affected calves are aborted around day 40 of pregnancy. The affected embryos are often resorbed during the first 2 months of gestation, leading to more services per calving and longer than normal calving intervals.

## Jersey Haplotype 1

A lethal recessive gene where calves, homozygous for the mutation, are aborted before 60 days of gestation. Mating of two carriers will have a 25% probability to produce lethal progeny.

# Genetic Windows

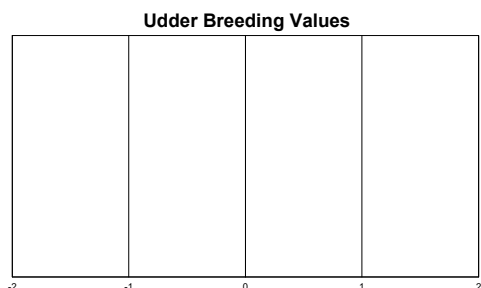
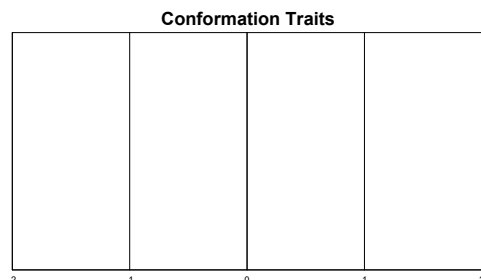
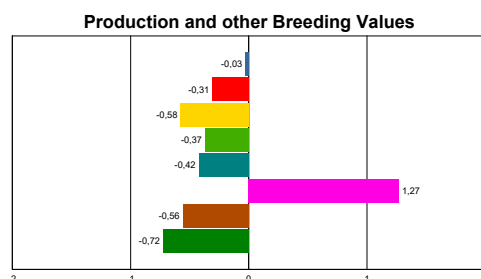
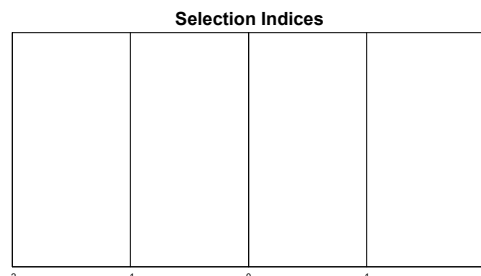
**Base Year: 2020**

## Interpretation:

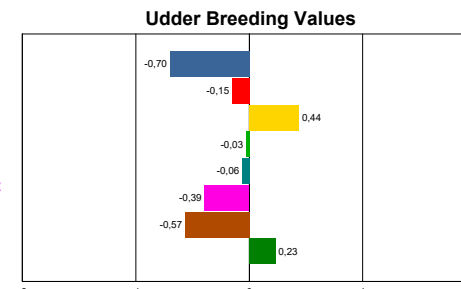
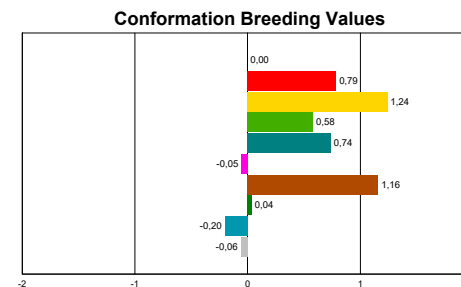
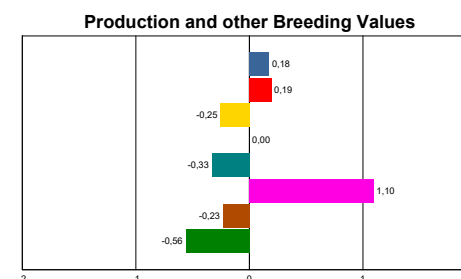
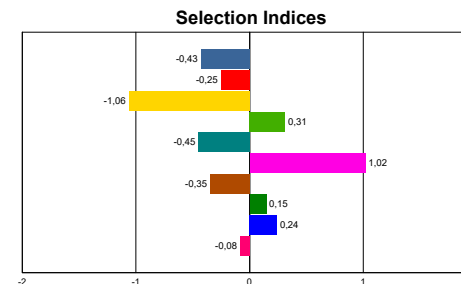
1. Genetic Windows indicate the average of the active animals in the herd relative to the average of the breed.
2. The average of all the active animals in the breed (cows, heifers and bulls) is set as zero and the deviation of the herd's cows, heifers, sires of cows and sires of heifers from the breed average are expressed in standard deviation units (SDU).
3. This means that approximately 67% of the animals will lie within -1 and +1 SDU from the average, 95% between -2 and +2 SDU and 99% between -3 and +3 SDU because EBV's are normally distributed.
4. Example: If the average of the cows of the herd's Production (combination of milk, butter fat and protein) is -0.5, it means that the active cows of the herd is half an SDU below the average of the breed.
5. Example: If the average Calving Interval of the sires of the active cows in the herd is 1.0, the bulls used in the herd is 1 SDU higher (worse) than the breed average.
6. It is more favourable for Somatic Cell Score and Calving Interval to be below breed average.
7. Deviations from the average can be inaccurate if the number of animals on which it is based is low.

**Note :** The higher the Body Weight Composite (BWC), the heavier the cow

## Cows with measurements



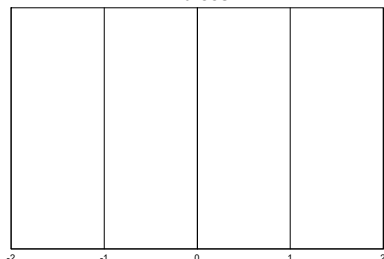
## Sires of Cows



# Genetic Windows

## Heifers

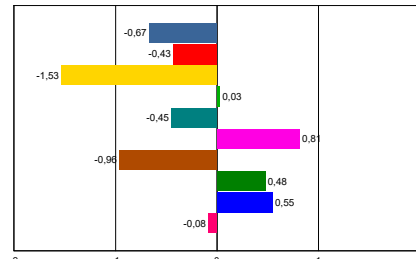
### Indices



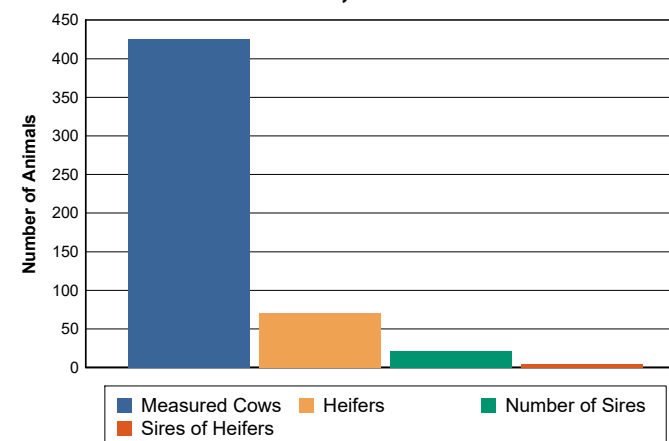
**SAINET**  
**CYI** (Cheese Yield Index)  
**FUI** (Func. Udder Index)  
**FTI** (Func. Type Index)  
**FMI** (Fluid Milk Index)  
**Body**  
**Udder**  
**Feet & Legs**  
**Body Weight Composite**  
**Efficiency Index**

## Sires of Heifers

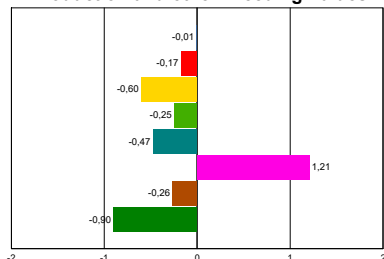
### Selection Indices



## Number of cows, heifers and sires

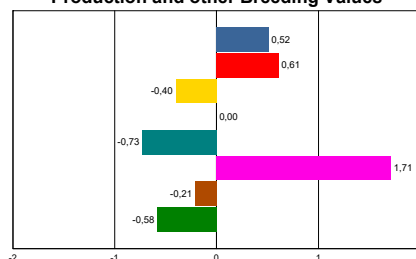


### Production and other Breeding Values

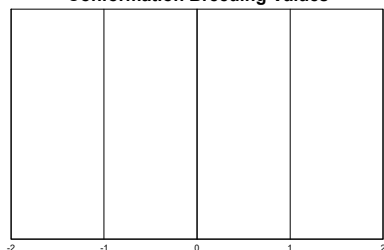


**Milk**  
**Protein**  
**Butterfat**  
**Prot%**  
**Bfat%**  
**Somatic Cells**  
**Calf Interval**  
**Herdlife**

### Production and other Breeding Values

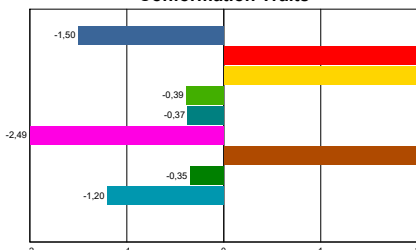


### Conformation Breeding Values

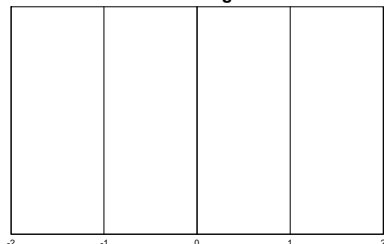


**WH: Wither Height**  
**CW: Chest Width**  
**BD: Body Depth**  
**DS: Dairy Strength**  
**RA: Rump Angle**  
**TW: Thurl Width**  
**RLS: Rear Legs Side**  
**FA: Foot Angle**  
**RLR: Rear Legs Rear**  
**BS: Bone Structure**

### Conformation Traits

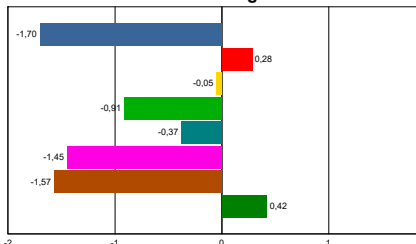


### Udder Breeding Values



**UD: Udder Depth**  
**FUA: Fore Udder Att.**  
**RUH: Rear Udder Height**  
**RUW: Rear Udder Width**  
**UC: Udder Cleft**  
**FTP: Front Teat placemnt**  
**RTP: Rear Teat Placemnt**  
**TL: Teat Length**

### Udder Breeding Values



## Nr of Cows per Age Group

|        | Heifers | Lac 1 | Lac 2 | Lac 3 | Lac 4+ |
|--------|---------|-------|-------|-------|--------|
| Number | 71      | 139   | 141   | 133   | 12     |

# Jersey

## GENETIC RANKING OF THE HERD WITHIN THE ACTIVE BREED

| Trait   | Top 5% | 10%    | 15%    | 20%    | 25%    | 30%    | 35%    | 40%    | 45%    | 50%    | 55%    | 60%    | 65%    | 70%     | 75%     | 80%     | 85%     | 90%     | Bottom 95% |
|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|---------|---------|------------|
| Melk    | 541.00 | 419.34 | 342.00 | 280.00 | 229.00 | 183.70 | 141.00 | 102.00 | 66.00  | 29.00  | -6.00  | -40.00 | -76.00 | -115.00 | -155.00 | -205.00 | -263.00 | -338.00 | -457.00    |
| BVet    | 27.00  | 22.20  | 18.70  | 16.10  | 14.00  | 12.00  | 10.20  | 8.50   | 6.80   | 5.30   | 3.70   | 2.00   | 0.20   | -1.50   | -3.30   | -5.40   | -7.90   | -11.40  | -17.00     |
| Prot    | 18.40  | 14.80  | 12.40  | 10.50  | 8.90   | 7.60   | 6.30   | 5.10   | 3.90   | 2.80   | 1.70   | 0.50   | -0.80  | -2.00   | -3.50   | -5.00   | -6.90   | -9.40   | -13.30     |
| BV%     | 0.56   | 0.44   | 0.37   | 0.31   | 0.25   | 0.20   | 0.16   | 0.12   | 0.08   | 0.04   | 0.01   | -0.02  | -0.06  | -0.09   | -0.14   | -0.18   | -0.23   | -0.30   | -0.41      |
| Prot%   | 0.21   | 0.17   | 0.14   | 0.12   | 0.10   | 0.08   | 0.07   | 0.05   | 0.04   | 0.02   | 0.01   | 0.00   | -0.02  | -0.03   | -0.05   | -0.07   | -0.09   | -0.12   | -0.17      |
| SCS     | -22.66 | -19.18 | -16.66 | -14.61 | -12.72 | -11.01 | -9.31  | -7.66  | -6.10  | -4.56  | -3.03  | -1.39  | 0.27   | 2.02    | 3.98    | 6.11    | 8.76    | 12.18   | 17.35      |
| TKP     | -7.90  | -6.30  | -5.30  | -4.50  | -3.80  | -3.20  | -2.60  | -2.10  | -1.50  | -1.00  | -0.40  | 0.20   | 0.80   | 1.40    | 2.20    | 3.00    | 4.00    | 5.40    | 7.30       |
| KudLewe | 118.00 | 115.00 | 113.00 | 111.00 | 110.00 | 109.00 | 107.00 | 106.00 | 105.00 | 104.00 | 103.00 | 101.00 | 100.00 | 99.00   | 97.00   | 96.00   | 93.00   | 91.00   | 86.00      |
| LGI     | 106.06 | 105.04 | 104.35 | 103.81 | 103.36 | 102.93 | 102.55 | 102.16 | 101.79 | 101.43 | 101.07 | 100.67 | 100.24 | 99.80   | 99.34   | 98.78   | 98.15   | 97.31   | 95.96      |
| DTI     | 110.83 | 108.63 | 107.17 | 106.15 | 105.27 | 104.39 | 103.66 | 102.78 | 102.20 | 101.46 | 100.88 | 100.15 | 99.41  | 98.68   | 97.80   | 96.93   | 95.76   | 94.15   | 91.51      |
| LIGGAAM | 108.00 | 107.00 | 106.00 | 105.00 | 104.00 | 104.00 | 103.00 | 102.00 | 102.00 | 101.00 | 101.00 | 100.00 | 100.00 | 99.00   | 98.00   | 97.00   | 96.00   | 95.00   | 93.00      |
| UIER    | 107.00 | 106.00 | 105.00 | 105.00 | 104.00 | 103.00 | 103.00 | 102.00 | 102.00 | 101.00 | 101.00 | 100.00 | 99.00  | 98.00   | 98.00   | 97.00   | 96.00   | 94.00   | 92.00      |
| H&B     | 110.00 | 108.00 | 107.00 | 106.00 | 105.00 | 105.00 | 104.00 | 103.00 | 102.00 | 102.00 | 101.00 | 100.00 | 99.00  | 98.00   | 97.00   | 96.00   | 94.00   | 93.00   | 91.00      |
| SAINET  | 108.02 | 106.83 | 106.01 | 105.30 | 104.73 | 104.21 | 103.69 | 103.19 | 102.70 | 102.18 | 101.66 | 101.11 | 100.55 | 99.95   | 99.27   | 98.50   | 97.58   | 96.44   | 94.66      |
| FMI     | 109.30 | 107.89 | 106.87 | 106.03 | 105.31 | 104.66 | 104.05 | 103.48 | 102.91 | 102.34 | 101.78 | 101.21 | 100.60 | 99.97   | 99.26   | 98.41   | 97.44   | 96.14   | 94.16      |
| CYI     | 111.18 | 109.14 | 107.85 | 106.79 | 105.97 | 105.23 | 104.53 | 103.88 | 103.29 | 102.63 | 101.98 | 101.31 | 100.61 | 99.78   | 98.90   | 97.98   | 96.87   | 95.33   | 92.99      |

The green blocks indicate where the herd ranks within the active breed for each trait/selection index.

# Jersey

## Genetic Levels of Cows and Heifers

|                        | Cows and Heifers |       | Cows  |       | Heifers |       |
|------------------------|------------------|-------|-------|-------|---------|-------|
|                        | Herd             | Breed | Herd  | Breed | Herd    | Breed |
| Nr cows                | 496              | 36670 | 425   | 20759 | 71      | 15911 |
| Avg. Inbreeding        | 5.88             | 7.28  | 5.84  | 7.07  | 6.13    | 7.56  |
| Nr >6.25% inbred       | 49               | 23780 | 10    | 12397 | 39      | 11383 |
| Breeding Values (EBVs) |                  |       |       |       |         |       |
| Milk                   | 31               | 38    | 30    | 13    | 37      | 69    |
| Butterfat              | -2.7             | 5.2   | -2.7  | 2.5   | -3.0    | 8.6   |
| Protein                | 0.0              | 2.7   | -0.2  | 1.1   | 1.1     | 4.7   |
| Butterfat %            | -0.07            | 0.06  | -0.07 | 0.03  | -0.08   | 0.09  |
| Protein %              | -0.02            | 0.02  | -0.02 | 0.01  | -0.01   | 0.04  |
| Somatic Cells          | 11.85            | -3.96 | 11.96 | -2.02 | 11.19   | -6.48 |
| Calf Interval          | -3.13            | -0.71 | -3.33 | -0.38 | -1.93   | -1.13 |
| Herdlife               | 95.8             | 103.2 | 96.1  | 103.4 | 94.4    | 103.1 |
| Selection Indices      |                  |       |       |       |         |       |
| SAINET                 |                  | 101.9 |       | 100.6 |         | 103.8 |
| CYI                    |                  | 102.4 |       | 101.1 |         | 104.4 |
| FMI                    |                  | 102.1 |       | 101.0 |         | 104.0 |
| FTI                    |                  | 100.9 |       | 100.1 |         | 102.1 |
| FUI                    |                  | 101.9 |       | 100.5 |         | 104.1 |
| Body                   |                  | 101.0 |       | 100.4 |         | 101.9 |
| Udder                  |                  | 100.7 |       | 99.6  |         | 102.3 |
| Feet & Legs            |                  | 101.1 |       | 100.5 |         | 102.1 |
| BWC                    |                  | 101.3 |       | 100.8 |         | 101.9 |
| EFI                    |                  | 101.4 |       | 100.5 |         | 102.9 |

The average breeding values and indices of the cows and heifers currently in the herd and breed as on 2026/09/09

## Genetic Levels of Bulls

|                        | Bulls Used |       |
|------------------------|------------|-------|
|                        | Herd       | Breed |
| Nr of bulls            | 21         | 1248  |
| Avg. Inbreeding        | 6.60       | 7.65  |
| Nr >6.25% inbred       | 13         | 935   |
| Breeding Values (EBVs) |            |       |
| Milk                   | 93         | 98    |
| Butterfat              | 1.7        | 5.6   |
| Protein                | 4.7        | 4.2   |
| Butterfat %            | -0.04      | 0.02  |
| Protein %              | 0.02       | 0.01  |
| Somatic Cells          | 9.78       | -0.47 |
| Calf Interval          | -1.79      | 0.04  |
| Herdlife               | 98         | 102.5 |
| Selection Indices      |            |       |
| SAINET                 | 99.8       | 101.7 |
| CYI                    | 100.8      | 102.3 |
| FMI                    | 100.0      | 101.9 |
| FTI                    | 101.7      | 101.4 |
| FUI                    | 94.6       | 100.8 |
| Body                   | 105.6      | 101.6 |
| Udder                  | 98.6       | 101.5 |
| Feet & Legs            | 102.4      | 101.2 |
| BWC                    | 102.4      | 100.9 |
| EFI                    | 100.7      | 102.2 |

The average breeding values and indices of bulls in the herd and breed.

# Jersey

- Inbreeding primarily leads to decreased fertility and low survivability of calves.
- The effects of inbreeding can be observed from 6.25% onwards.
- It is therefore highly recommended to record pedigree information as accurately and completely as possible and to use a selection programme for selection of unrelated bulls.
- Incomplete or incorrect pedigree information can be reported to SA Stud Book. Inbreeding is dependent on pedigree information. Conventional methods for the Calculation of inbreeding coefficients usually assume that unknown parents are unrelated. However, this is usually far from the truth. An algorithm is used for the calculation of inbreeding, where the average inbreeding coefficient is assigned to unknown parents based on the generation in which they were born. This result is a more accurate reflection of inbreeding of the herd and breed.

## Inbreeding Levels for Specific Matings

|                                |        |
|--------------------------------|--------|
| Progeny with Parents :         | 25%    |
| Full Brother x Full Sister :   | 25%    |
| Half Brother x Half Sister :   | 12.5%  |
| One Common Grandparent :       | 6.25%  |
| One Common Great-Grandparent : | 3.125% |

## Level and Rate of Inbreeding

| Year of Birth    | Level (%) * | % Rate / Year |
|------------------|-------------|---------------|
| 2012 - 2024      | 6.74        | 0.11          |
| Recommendations: | < 6.25      | < 0.1 - 0.2   |

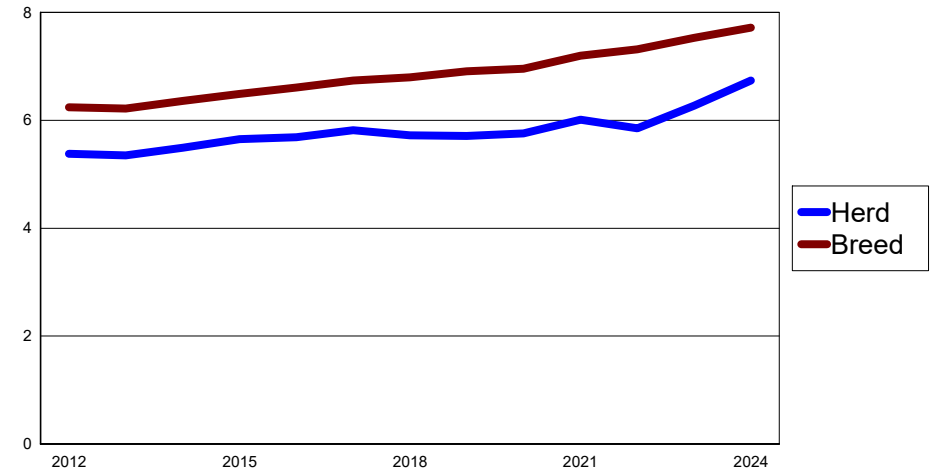
\* Of the last birth year

## Pedigree Information

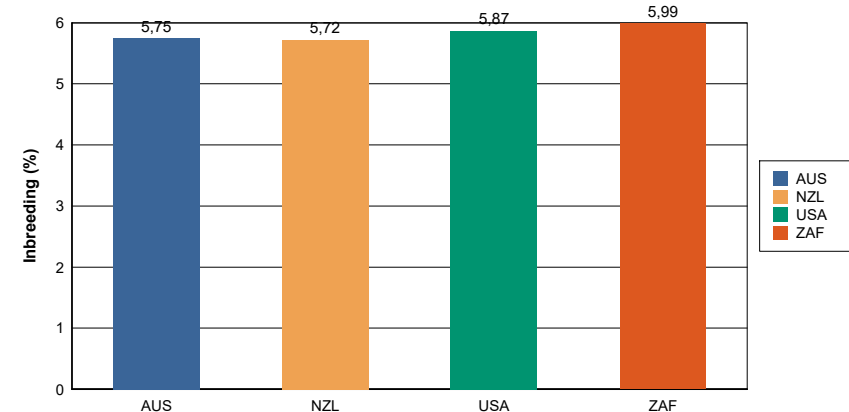
|             | Number | %  |
|-------------|--------|----|
| Known Sires | 404    | 81 |
| Known Dams  | 215    | 43 |

Please note: Inbreeding is under-estimated when pedigree information is incomplete.

## Inbreeding: Herd vs Breed

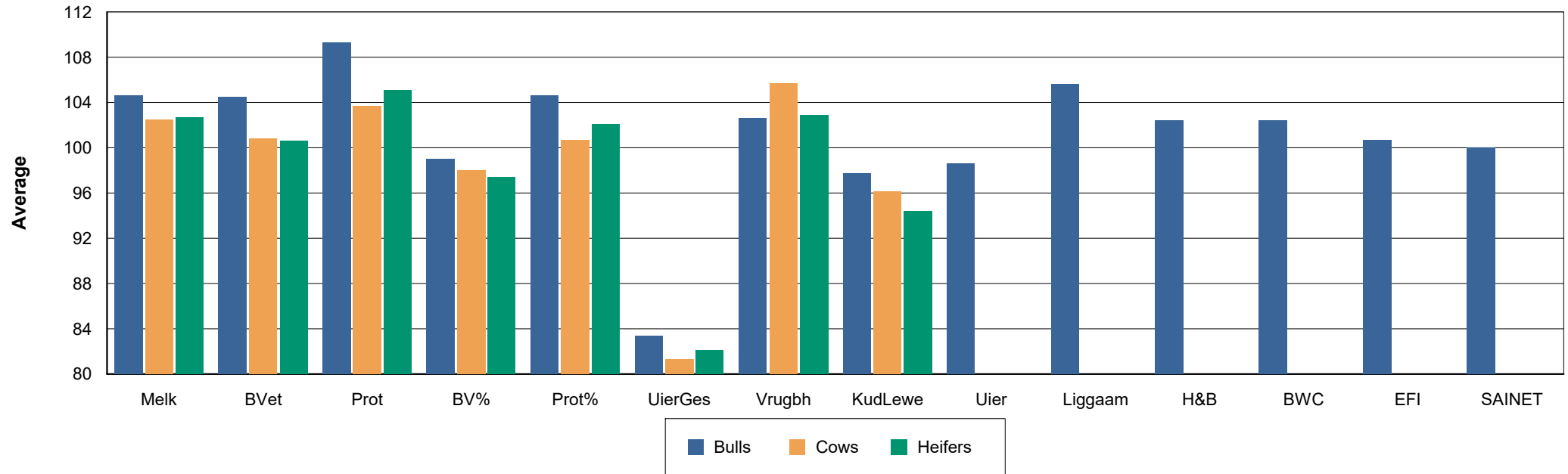


## Average Inbreeding per Country of Sire



# Jersey

## Genetic Levels of the Herd



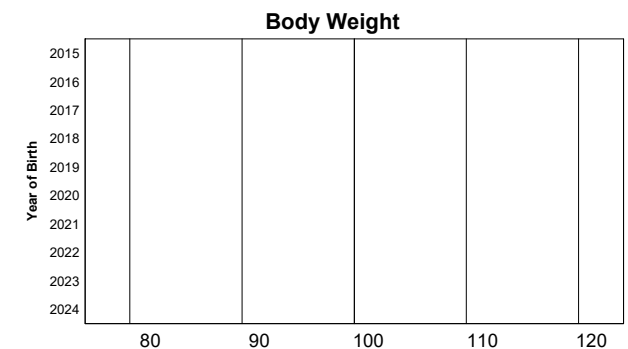
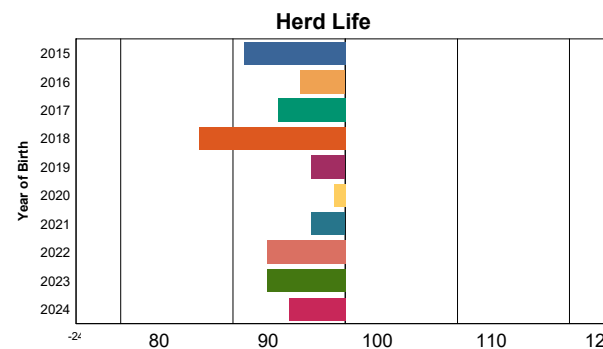
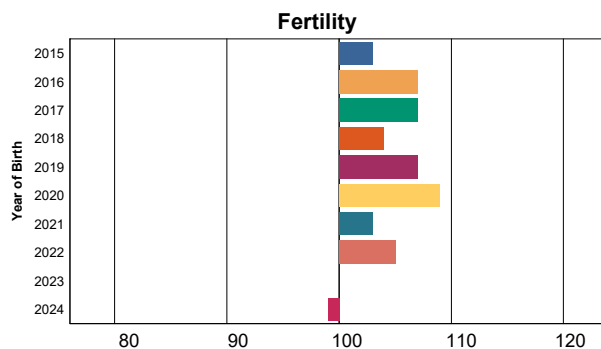
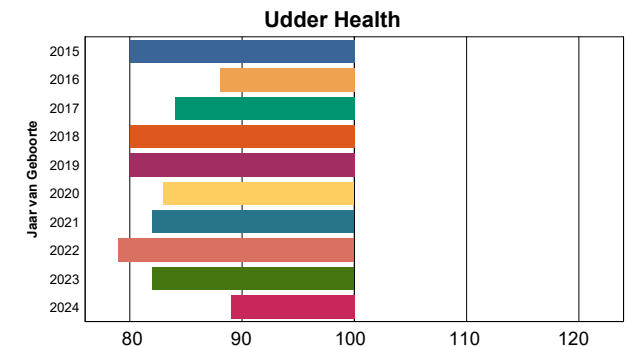
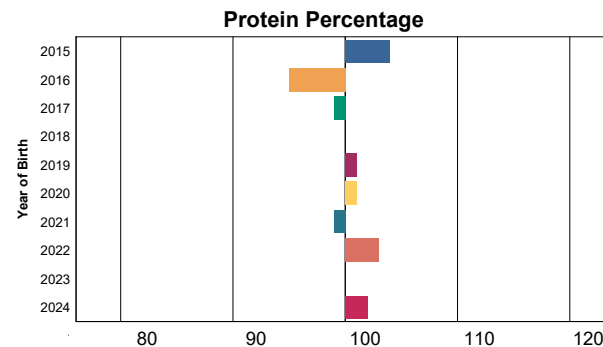
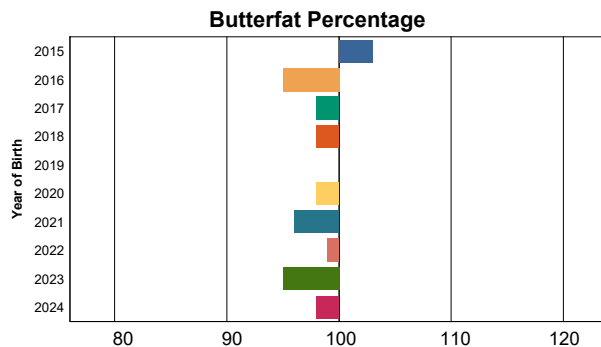
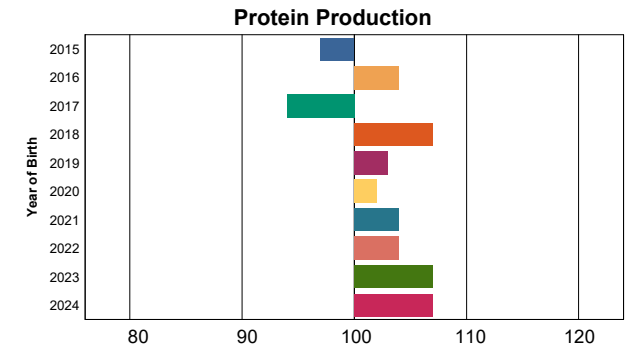
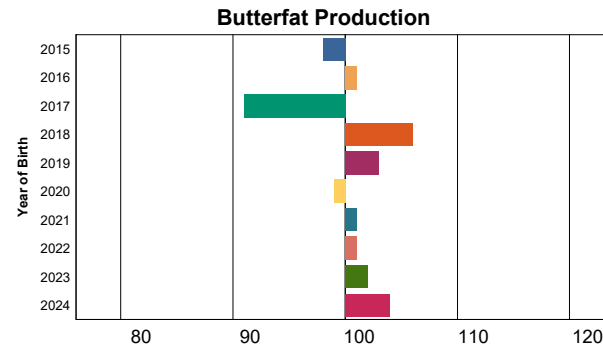
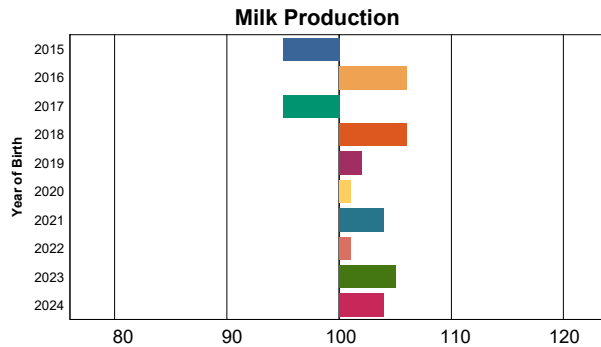
# Jersey

## Genetic Averages of Active Cows per Lactation Group

| Trait       | Heifers |       | Lactation 1 |       | Lactation 2 |       | Lactation 3 |       | Lactation 4+ |       |
|-------------|---------|-------|-------------|-------|-------------|-------|-------------|-------|--------------|-------|
|             | Herd    | Breed | Herd        | Breed | Herd        | Breed | Herd        | Breed | Herd         | Breed |
| Milk        | 102,7   | 103,8 | 103,1       | 102,4 | 102,5       | 102,8 | 101,8       | 101,7 | 102,6        | 101,1 |
| Butterfat   | 100,6   | 110,5 | 101,3       | 108,5 | 100,5       | 106,3 | 100,5       | 104,1 | 101,5        | 102,9 |
| Protein     | 105,1   | 109,2 | 104,9       | 107,0 | 103,3       | 106,6 | 102,9       | 104,8 | 102,3        | 103,2 |
| BF%         | 97,4    | 104,2 | 97,8        | 104,1 | 97,9        | 102,0 | 98,3        | 101,4 | 98,7         | 101,2 |
| Prot%       | 102,1   | 105,9 | 101,2       | 105,3 | 100,3       | 104,2 | 100,7       | 103,7 | 99,0         | 102,6 |
| UdderHealth | 82,1    | 99,6  | 80,8        | 98,4  | 81,3        | 96,5  | 81,6        | 94,3  | 83,1         | 92,6  |
| Fertility   | 102,9   | 101,4 | 102,7       | 100,4 | 106,4       | 99,2  | 108,0       | 99,4  | 107,8        | 100,4 |
| Herdlife    | 94,4    | 103,1 | 92,9        | 102,0 | 98,1        | 102,3 | 97,4        | 103,9 | 94,1         | 104,7 |
| BWC         |         | 101,9 |             | 102,0 |             | 101,4 |             | 100,7 |              | 99,5  |
| EFI         |         | 102,9 |             | 101,3 |             | 101,0 |             | 100,4 |              | 99,8  |
| Body        |         | 101,9 |             | 101,4 |             | 100,9 |             | 100,2 |              | 99,5  |
| Udder       |         | 102,3 |             | 100,2 |             | 100,2 |             | 99,7  |              | 98,9  |
| F&L         |         | 102,1 |             | 101,5 |             | 100,7 |             | 100,5 |              | 99,7  |
| FMI         |         | 104,0 |             | 102,0 |             | 101,4 |             | 100,8 |              | 100,0 |
| CYI         |         | 104,4 |             | 102,5 |             | 101,6 |             | 100,8 |              | 99,9  |
| SAINET      |         | 103,8 |             | 101,9 |             | 101,2 |             | 100,4 |              | 99,5  |

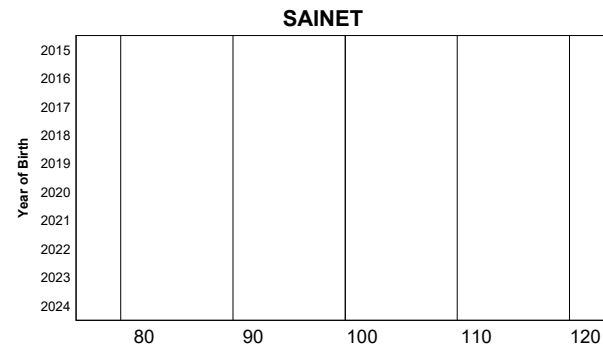
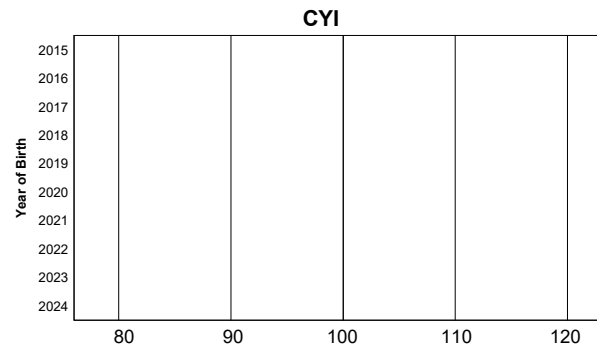
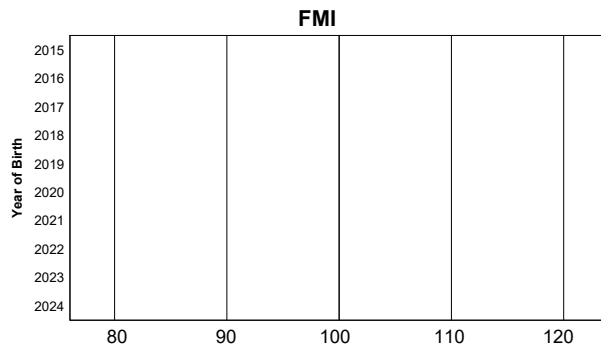
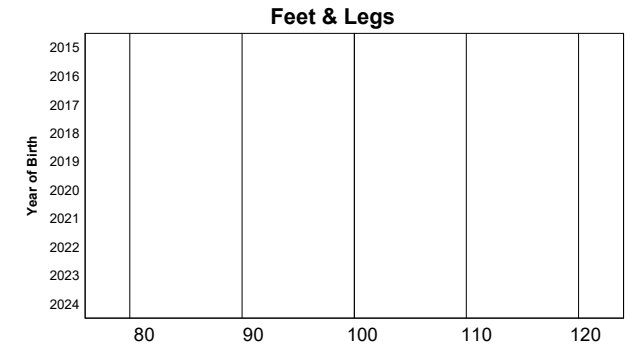
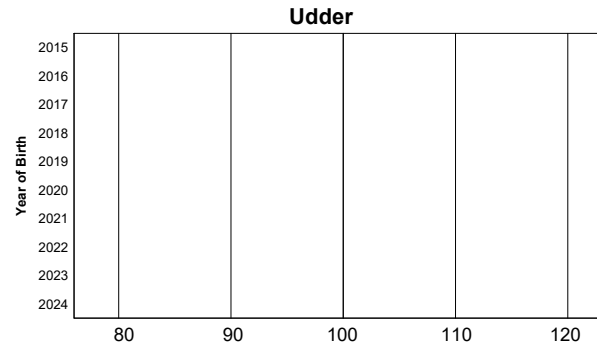
# Jersey

## Average Performance of Active Cows per Year of Birth



# Jersey

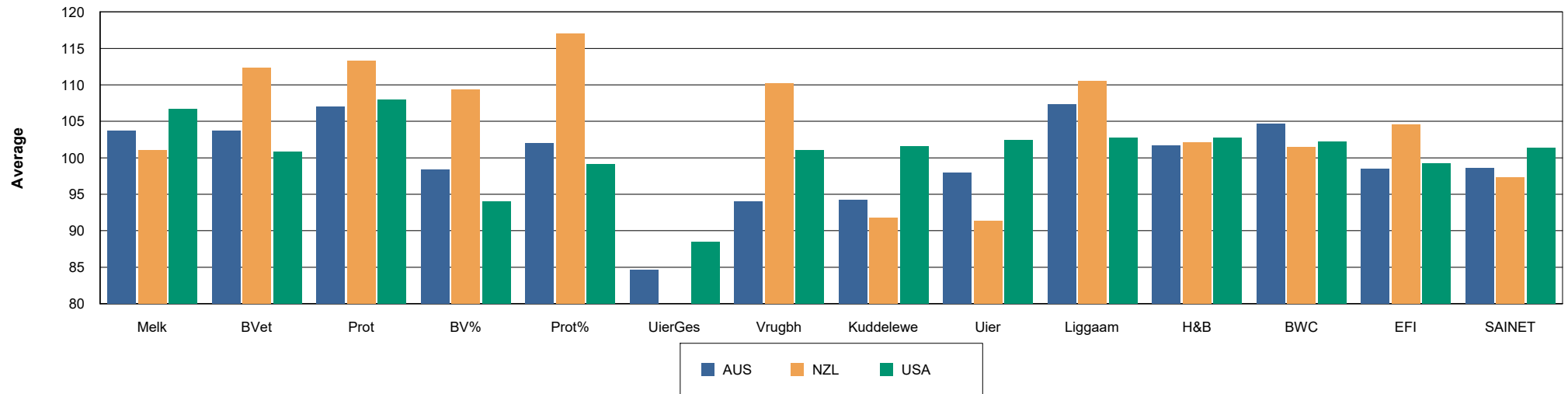
## Average Performance of Active Cows per Year of Birth



| Year of Birth | Number |
|---------------|--------|
| 2015          | 1      |
| 2016          | 2      |
| 2017          | 3      |
| 2018          | 22     |
| 2019          | 66     |
| 2020          | 127    |
| 2021          | 106    |
| 2022          | 127    |
| 2023          | 30     |
| 2024          | 12     |

# Jersey

**Average Genetic Levels per Country of Sire**

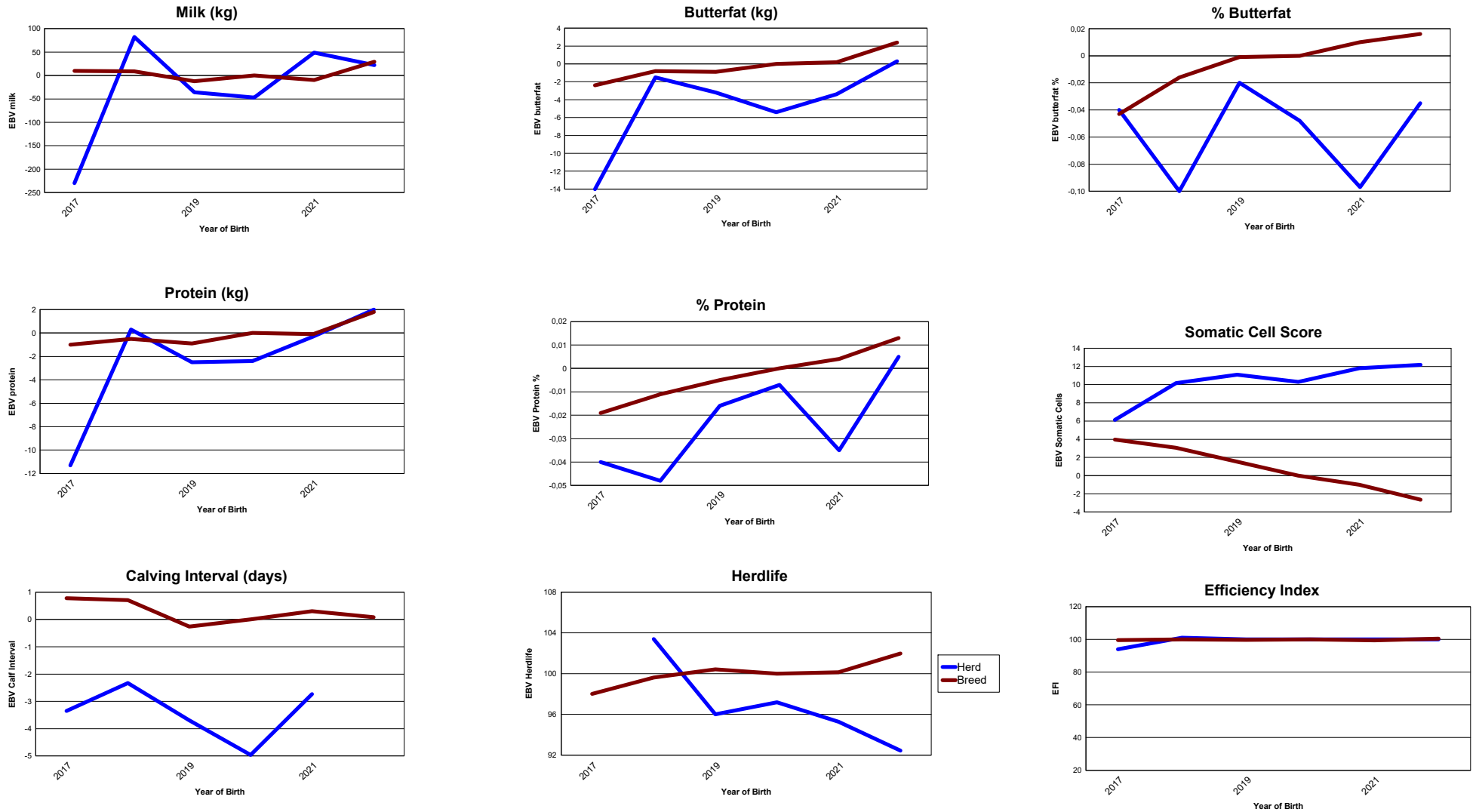


**Number of Bulls and Daughters per Country of Sire**

| Country | Nr of Bulls | Nr of Daughters |
|---------|-------------|-----------------|
| AUS     | 3           | 30              |
| NZL     | 6           | 172             |
| USA     | 12          | 202             |

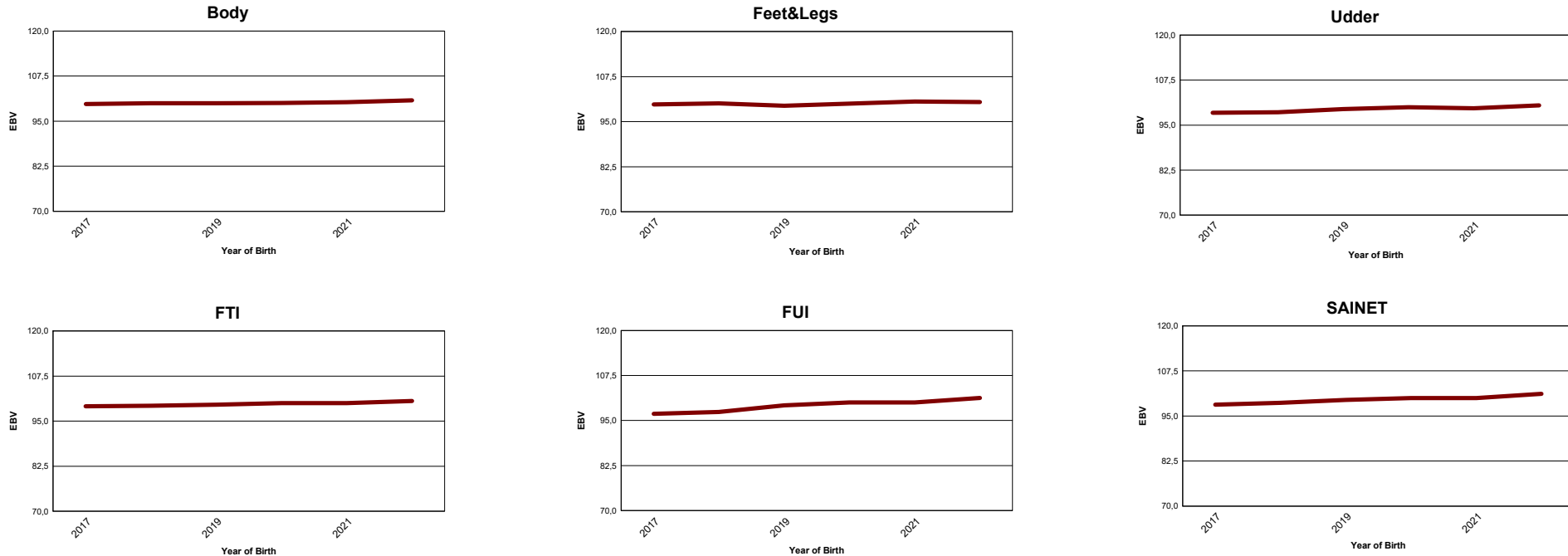
# Jersey

## Herd History : Genetic trends of the Herd (blue) and Breed (brown): Breeding Values



# Jersey

## Herd History : Genetic Trends of the Herd (blue) and Breed (brown): Selection Indices



The average breeding values of cows measured in the herd and breed pre

## Genetic Trends

| Cows measured in the Breed |                |        |      |          |          |          |           |           |             |             |              |
|----------------------------|----------------|--------|------|----------|----------|----------|-----------|-----------|-------------|-------------|--------------|
| Birth Year                 | Number of cows |        |      | EBV Milk | EBV Bfat | EBV Prot | EBV Bfat% | EBV Prot% | EBV Somatic | EBV Calfint | EBV Herdlife |
|                            | Milk           | Solids |      |          |          |          |           |           |             |             | SAINET       |
| 2017                       | 6401           | 6205   | 6205 | 10       | -2.4     | -1.0     | -0.04     | -0.02     | 4.0         | 0.8         | 98.0         |
| 2018                       | 6508           | 6459   | 6458 | 9        | -0.8     | -0.5     | -0.02     | -0.01     | 3.1         | 0.7         | 99.6         |
| 2019                       | 7038           | 6909   | 6907 | -12      | -0.9     | -0.9     | 0.00      | -0.01     | 1.5         | -0.3        | 100.4        |
| 2020                       | 6335           | 6087   | 6087 | 0        | 0.0      | 0.0      | 0.00      | 0.00      | 0.0         | 0.0         | 100.0        |
| 2021                       | 5260           | 4853   | 4853 | -9       | 0.2      | -0.1     | 0.01      | 0.00      | -1.0        | 0.3         | 100.1        |
| 2022                       | 5335           | 5228   | 5228 | 29       | 2.4      | 1.8      | 0.02      | 0.01      | -2.7        | 0.1         | 102.0        |

| Cows measured in Herd |                |        |     |          |          |          |           |           |             |             |              |
|-----------------------|----------------|--------|-----|----------|----------|----------|-----------|-----------|-------------|-------------|--------------|
| Birth Year            | Number of Cows |        |     | EBV Milk | EBV Bfat | EBV Prot | EBV Bfat% | EBV Prot% | EBV Somatic | EBV Calfint | EBV Herdlife |
|                       | Milk           | Solids |     |          |          |          |           |           |             |             | SAINE        |
| 2017                  | 4              | 4      | 4   | -230     | -14.0    | -11.3    | -0.04     | -0.04     | 6.1         | -3.4        |              |
| 2018                  | 64             | 64     | 64  | 82       | -1.5     | 0.3      | -0.10     | -0.05     | 10.2        | -2.3        | 103.4        |
| 2019                  | 156            | 156    | 156 | -36      | -3.2     | -2.5     | -0.02     | -0.02     | 11.1        | -3.7        | 96.0         |
| 2020                  | 184            | 182    | 182 | -47      | -5.4     | -2.4     | -0.05     | -0.01     | 10.3        | -5.0        | 97.2         |
| 2021                  | 137            | 136    | 136 | 49       | -3.4     | -0.3     | -0.10     | -0.04     | 11.8        | -2.7        | 95.3         |
| 2022                  | 86             | 63     | 63  | 22       | 0.3      | 2.0      | -0.04     | 0.01      | 12.2        |             | 92.5         |

# Percentile Tables

## All Animals

| Trait         | EBV Avg | Std. Dev. | Max  | 5%    | 10%   | 25%   | 50%  | 75%   | 90%   | 95%   | Min   |
|---------------|---------|-----------|------|-------|-------|-------|------|-------|-------|-------|-------|
| Melk          | 42      | 308       | 1836 | 548   | 427   | 234   | 33   | -152  | -335  | -454  | -1373 |
| Bottervet     | 5.2     | 13.7      | 77.9 | 27.2  | 22.3  | 14.1  | 5.3  | -3.3  | -11.5 | -17.2 | -80.0 |
| Proteien      | 2.8     | 9.9       | 59.0 | 18.6  | 15.0  | 9.1   | 2.9  | -3.4  | -9.3  | -13.3 | -48.8 |
| Bottervet%    | 0.05    | 0.30      | 1.49 | 0.56  | 0.44  | 0.24  | 0.04 | -0.14 | -0.31 | -0.42 | -1.75 |
| Proteien%     | 0.02    | 0.12      | 0.70 | 0.21  | 0.17  | 0.10  | 0.02 | -0.05 | -0.12 | -0.17 | -0.59 |
| Somaties      | -3.8    | 12.4      | 90.4 | -26.7 | -22.7 | -12.7 | -4.5 | 4.2   | 12.5  | 17.7  | -54.0 |
| Kalf Interval | -0.7    | 4.8       | 29.3 | -9.8  | -7.9  | -3.8  | -1.0 | 2.2   | 5.5   | 7.5   | -24.6 |
| Kudde Lewe    | 103     | 10        | 149  | 118   | 115   | 110   | 104  | 97    | 91    | 86    | 43    |
| Liggaam       | 101     | 5         | 132  | 108   | 107   | 104   | 101  | 98    | 95    | 93    | 72    |
| Uier          | 101     | 5         | 125  | 108   | 106   | 104   | 101  | 98    | 94    | 92    | 74    |
| Hoewe & Benc  | 101     | 6         | 139  | 110   | 108   | 105   | 102  | 97    | 93    | 91    | 56    |
| FTI           | 101     | 3         | 116  | 106   | 105   | 103   | 101  | 99    | 96    | 95    | 80    |
| CYI           | 102     | 6         | 125  | 111   | 109   | 106   | 103  | 99    | 95    | 93    | 72    |
| FMI           | 102     | 5         | 120  | 109   | 108   | 105   | 102  | 99    | 96    | 94    | 75    |
| SAINET        | 102     | 4         | 117  | 108   | 107   | 105   | 102  | 99    | 96    | 95    | 79    |

## Cows and Heifers

| Trait         | EBV Avg | Std. Dev. | Max  | 5%    | 10%   | 25%   | 50%  | 75%   | 90%   | 95%   | Min   |
|---------------|---------|-----------|------|-------|-------|-------|------|-------|-------|-------|-------|
| Melk          | 40      | 306       | 1836 | 542   | 421   | 231   | 31   | -153  | -334  | -453  | -1373 |
| Bottervet     | 5.2     | 13.6      | 77.9 | 27.1  | 22.2  | 14.0  | 5.3  | -3.3  | -11.5 | -17.1 | -80.0 |
| Proteien      | 2.8     | 9.8       | 59.0 | 18.4  | 14.9  | 9.0   | 2.9  | -3.4  | -9.3  | -13.3 | -48.8 |
| Bottervet%    | 0.06    | 0.29      | 1.49 | 0.55  | 0.44  | 0.25  | 0.04 | -0.14 | -0.30 | -0.42 | -1.75 |
| Proteien%     | 0.02    | 0.12      | 0.70 | 0.21  | 0.17  | 0.10  | 0.02 | -0.05 | -0.12 | -0.17 | -0.59 |
| Somaties      | -3.9    | 12.3      | 54.9 | -22.6 | -19.2 | -12.7 | -4.5 | 4.0   | 12.2  | 17.3  | -54.0 |
| Kalf Interval | -0.7    | 4.7       | 22.4 | -7.9  | -6.3  | -3.8  | -1.0 | 2.2   | 5.4   | 7.4   | -24.6 |
| Kudde Lewe    | 103     | 10        | 148  | 118   | 115   | 110   | 104  | 97    | 91    | 86    | 54    |
| Liggaam       | 101     | 5         | 132  | 108   | 107   | 104   | 101  | 98    | 95    | 93    | 74    |
| Uier          | 101     | 5         | 120  | 108   | 106   | 104   | 101  | 98    | 94    | 92    | 75    |
| Hoewe & Benc  | 101     | 6         | 131  | 110   | 108   | 105   | 102  | 97    | 93    | 91    | 68    |
| FTI           | 101     | 3         | 113  | 106   | 105   | 103   | 101  | 99    | 96    | 95    | 84    |
| CYI           | 102     | 6         | 125  | 111   | 109   | 106   | 103  | 99    | 95    | 93    | 74    |
| FMI           | 102     | 5         | 120  | 109   | 108   | 105   | 102  | 99    | 96    | 94    | 81    |
| SAINET        | 102     | 4         | 116  | 108   | 107   | 105   | 102  | 99    | 96    | 95    | 82    |

## All Bulls

| Trait         | EBV Avg | Std. Dev. | Max  | 5%    | 10%   | 25%   | 50%   | 75%   | 90%   | 95%   | Min   |
|---------------|---------|-----------|------|-------|-------|-------|-------|-------|-------|-------|-------|
| Melk          | 99      | 358       | 1482 | 652   | 542   | 358   | 105   | -139  | -361  | -504  | -1077 |
| Bottervet     | 5.6     | 15.6      | 54.0 | 30.3  | 25.2  | 16.0  | 6.1   | -3.8  | -14.3 | -20.8 | -62.2 |
| Proteien      | 4.2     | 11.7      | 42.7 | 23.3  | 19.3  | 12.3  | 4.1   | -3.7  | -11.0 | -15.0 | -36.1 |
| Bottervet%    | 0.02    | 0.32      | 1.28 | 0.59  | 0.45  | 0.20  | -0.02 | -0.19 | -0.36 | -0.46 | -0.93 |
| Proteien%     | 0.01    | 0.13      | 0.54 | 0.24  | 0.17  | 0.09  | 0.01  | -0.08 | -0.16 | -0.21 | -0.42 |
| Somaties      | -0.5    | 15.8      | 90.4 | -26.0 | -19.0 | -10.7 | -1.0  | 9.7   | 20.2  | 26.0  | -48.8 |
| Kalf Interval | 0.1     | 6.7       | 29.3 | -10.0 | -7.8  | -4.3  | -0.4  | 4.4   | 8.6   | 11.7  | -21.9 |
| Kudde Lewe    | 103     | 14        | 149  | 123   | 118   | 111   | 104   | 95    | 85    | 78    | 43    |
| Liggaam       | 102     | 6         | 126  | 111   | 109   | 105   | 102   | 98    | 94    | 91    | 72    |
| Uier          | 101     | 7         | 125  | 112   | 109   | 106   | 102   | 97    | 92    | 89    | 74    |
| Hoewe & Benc  | 101     | 7         | 139  | 112   | 110   | 106   | 102   | 97    | 92    | 89    | 56    |
| FTI           | 101     | 5         | 116  | 108   | 107   | 105   | 102   | 99    | 96    | 94    | 80    |
| CYI           | 102     | 7         | 122  | 113   | 111   | 107   | 102   | 98    | 94    | 91    | 72    |
| FMI           | 102     | 6         | 120  | 112   | 110   | 106   | 102   | 98    | 94    | 91    | 75    |
| SAINET        | 102     | 6         | 117  | 110   | 109   | 106   | 102   | 98    | 95    | 92    | 79    |

### Interpretation:

A percentile table is an indication of where the animal's EBV falls relative to the rest of the breed. If an EBV of an animal falls between the maximum value and 5% level on the percentile table of "All Animals", this EBV is in the top 5% of the breed. If the EBV falls between 5% and 25%, this animal's EBV is in the top 25% of the breed. If the EBV falls within 95% and the minimum value, this EBV is in the bottom 5% of the breed for that specific trait.

# Bulls

Bulls are sorted alphabetically

M = MACE (International) breeding values AND reliabilities

G = Genomically enhanced EBV

Above breed average

Top 10% of the breed

Bottom 10% of the breed

| Bull Information      |                                 |                        |              |                 | Selection Indices |     |     |      |       |                |     |     | Breeding Values (EBV) , Reliabilities (B) and Indices (Ind) |                   |                   |                     |                   |                      |                     |               |                              |                             |                | S.A. Daughters and Herds |               |     |      |  |
|-----------------------|---------------------------------|------------------------|--------------|-----------------|-------------------|-----|-----|------|-------|----------------|-----|-----|-------------------------------------------------------------|-------------------|-------------------|---------------------|-------------------|----------------------|---------------------|---------------|------------------------------|-----------------------------|----------------|--------------------------|---------------|-----|------|--|
| Farmnr<br>Regno       | Name                            | Parent<br>Verification | BYear<br>Cnt | % In-<br>brding | SAINET            | CYI | FMI | Body | Udder | Feet &<br>Legs | BWC | EFI | Milk<br>B<br>Ind                                            | BFat<br>B<br>Ind  | BFat%<br>B<br>Ind | Protein<br>B<br>Ind | Prot%<br>B<br>Ind | Somatics<br>B<br>Ind | Calflnt<br>B<br>Ind | Herdlife<br>B | Lact. > 149d<br>Dgths. Hrds. | Lakt.<150dae<br>Dgths Hrds. | Avg L<br>Ingth | %Shrt<br>Lact            | Compl<br>Lact |     |      |  |
| Active Breed Average: |                                 |                        |              | 7.28            | 102               | 102 | 102 | 101  | 101   | 101            | 101 | 101 | 38                                                          | 5.2               | 0.06              | 2.7                 | 0.02              | -4.0                 | -0.7                | 103           |                              |                             |                |                          |               |     |      |  |
| 85562528              | AHLEM BADGER BODACIOUS 4 ET     |                        | 2014 USA     | 8.05            | 108               | 105 | 109 | 110  | 104   | 99             | 97  | 105 | M 495<br>53 119                                             | M 2.5<br>46 105   | -0.37<br>46       | M 7.8<br>48 113     | -0.18<br>48       | M -14.0<br>50 107    | M -4.6<br>43 108    | M 115<br>33   | 5                            | 1                           |                | 264                      | 40            |     |      |  |
| 70472675              | ALL LYNNS LOUIE VALENTINO-ET    |                        | 2008 USA     | 8.83            | 104               | 101 | 103 | 110  | 110   | 98             | 105 | 102 | G 502<br>99 119                                             | GZ 7.0<br>99 109  | -0.31<br>99       | GZ 9.0<br>99 114    | -0.16<br>99       | GZ -9.0<br>99 102    | GZ 15.0<br>99 70    | GZ104<br>99   | 1531                         | 67                          | 4              | 2                        | 264           | 11  | 3530 |  |
| 90567298              | AMBZED LT OMEGA ET S3J ET       |                        | 2015 NZL     | 3.92            | 98                | 100 | 100 | 111  | 94    | 106            | 106 | 114 | M 885<br>85 132                                             | M 26.2<br>68 126  | -0.31<br>68       | M 35.0<br>80 143    | 0.01<br>80        | M 23.2<br>57 70      | M 17.5<br>57 65     | M 78<br>30    | 55                           | 2                           | 4              | 1                        | 220           | 49  |      |  |
| 75148056              | ARRIET NN DEGREE -ET            |                        | 2007 NZL     | 6.28            | 96                | 104 | 95  | 104  | 87    | 106            | 106 | 101 | M -452<br>70 86                                             | M 16.2<br>62 117  | 0.74<br>62        | M 0.0<br>64 104     | 0.32<br>64        | M 21.0<br>59 72      | M -9.1<br>63 117    | M 86<br>44    | 28                           | 3                           |                |                          | 257           | 19  | 42   |  |
| 79815700              | BLUE MIST GOLDA PAGEANT ET      |                        | 2012 USA     | 4.98            | 99                | 101 | 99  | 101  | 97    | 105            | 97  | 109 | 269<br>83 111                                               | 13.0<br>81 114    | -0.02<br>81       | 13.0<br>82 119      | 0.04<br>82        | M 18.6<br>70 75      | M -3.6<br>61 106    | M 76<br>50    | 60                           | 13                          |                |                          | 272           | 10  | 114  |  |
| 83783266              | BROADLIN AUSSIEGOLD P ET        |                        | 2011 AUS     | 8.72            | 94                | 95  | 92  | 108  | 91    | 108            | 107 | 102 | G 140<br>99 106                                             | GZ 7.0<br>99 109  | -0.01<br>99       | GZ 11.0<br>99 116   | 0.09<br>99        | GZ 22.0<br>95 71     | GZ 9.0<br>84 82     | GZ 66<br>86   | 234                          | 13                          | 2              | 2                        | 263           | 15  | 485  |  |
| 87662565              | BROOKBORA VALENTINO ASKN ET     |                        | 2013 AUS     | 6.40            | 100               | 103 | 102 | 106  | 99    | 92             | 104 | 102 | G 77<br>88 104                                              | GZ 8.0<br>86 110  | 0.06<br>86        | GZ 8.0<br>87 113    | 0.08<br>87        | GZ 10.0<br>84 83     | GZ 1.0<br>81 97     | GZ108<br>83   | 20                           | 2                           |                |                          | 253           | 28  | 39   |  |
| 85561751              | BUSHLEA RV CASUAL ET            |                        | 2014 AUS     | 9.46            | 102               | 98  | 100 | 108  | 104   | 105            | 103 | 91  | G 2<br>85 101                                               | GZ -13.0<br>83 92 | -0.22<br>83       | GZ -11.0<br>84 92   | -0.19<br>84       | GZ -6.5<br>76 100    | GZ -1.9<br>70 103   | GZ109<br>66   | 27                           | 2                           |                |                          | 250           | 23  | 43   |  |
| 79203451              | CAL-MART MEDALIST PILGRIM ET    |                        | 2012 USA     | 6.91            | 107               | 105 | 109 | 105  | 105   | 97             | 103 | 103 | 503<br>99 119                                               | 1.0<br>99 104     | -0.40<br>99       | 14.0<br>99 120      | -0.09<br>99       | -6.0<br>97 99        | -1.0<br>88 101      | 118<br>91     | 883                          | 41                          |                |                          | 267           | 12  | 2054 |  |
| 80947286              | FARIA BROTHERS DRAPER ET        |                        | 2013 USA     | 5.36            | 92                | 95  | 92  | 93   | 97    | 100            | 98  | 98  | -320<br>88 90                                               | -5.0<br>84 99     | 0.22<br>84        | -7.0<br>86 96       | 0.10<br>86        | M 7.1<br>74 86       | M 3.0<br>61 93      | M 95<br>58    | 67                           | 11                          |                |                          | 267           | 10  | 154  |  |
| 91749168              | GLEN LEITH QUIGLEY S2J ET       |                        | 2016 NZL     | 6.05            | 96                | 102 | 96  | 107  | 87    | 104            | 97  | 102 | M -387<br>59 88                                             | M 1.5<br>42 104   | 0.40<br>42        | M -2.7<br>45 101    | 0.22<br>45        | M 24.4<br>51 69      | M -14.5<br>61 127   | M 98<br>28    | 12                           | 1                           |                |                          | 91            | 100 |      |  |
| 83020487              | HEARTLAND PHAROAH APOLLO ET     |                        | 2013 USA     | 8.48            | 103               | 101 | 102 | 106  | 109   | 102            | 96  | 92  | -295<br>93 91                                               | -27.0<br>90 80    | -0.20<br>90       | -11.0<br>91 92      | 0.01<br>91        | M -0.8<br>80 94      | M -9.3<br>64 117    | M 112<br>62   | 150                          | 11                          |                |                          | 257           | 22  | 290  |  |
| 88034251              | JX ABS CHAPMAN {4} ET           |                        | 2016 USA     | 8.15            | 100               | 98  | 99  | 107  | 100   | 105            | 109 | 98  | M 326<br>60 113                                             | M -0.5<br>51 103  | -0.29<br>51       | M 9.6<br>54 115     | -0.05<br>54       | M 14.7<br>56 79      | M 1.0<br>52 97      | M 85<br>43    | 7                            | 1                           |                |                          | 288           | 12  |      |  |
| 88034491              | JX ABS TLD HEINZ {3} ET         |                        | 2017 USA     | 5.35            | 103               | 103 | 103 | 106  | 106   | 110            | 109 | 95  | 48<br>93 103                                                | -4.0<br>93 100    | -0.11<br>93       | 3.0<br>93 107       | 0.02<br>93        | 18.0<br>83 75        | M 1.1<br>63 97      | M 111<br>54   | 130                          | 7                           |                |                          | 271           | 10  | 326  |  |
| 89567374              | JX MOUNT ROCK VICEROY ALPHA {4} |                        | 2018 USA     | 8.72            | 95                | 92  | 94  | 96   | 98    | 109            | 107 | 86  | -209<br>94 94                                               | -30.0<br>84 77    | -0.33<br>84       | -11.0<br>88 92      | -0.05<br>88       | M 28.1<br>70 65      | M -8.8<br>51 116    | M 96<br>55    | 143                          | 7                           | 3              | 2                        | 244           | 27  | 230  |  |
| 77087328              | MAACK DAIRY SPECTACULAR-ET      |                        | 2004 USA     | 2.92            | 97                | 98  | 96  | 99   | 93    | 120            | 100 | 101 | M -36<br>62 100                                             | M 2.9<br>54 106   | 0.08<br>54        | M 0.4<br>56 104     | 0.03<br>56        | M 7.1<br>61 86       | M 3.1<br>56 93      | M 88<br>49    |                              |                             |                |                          |               |     |      |  |
| 90536707              | MERRIFIELDS SHOWMAN ET          |                        | 2014 NZL     | 7.49            | 103               | 109 | 104 | 116  | 98    | 97             | 101 | 104 | M -115<br>53 97                                             | M 6.3<br>44 108   | 0.21<br>44        | M 8.8<br>45 114     | 0.23<br>45        | M 26.7<br>52 67      | M -20.0<br>58 138   | M 101<br>27   | 1                            | 1                           |                |                          | 168           | 100 |      |  |
| 84899913              | MS EASTON ET                    |                        | 2014 USA     | 3.15            | 105               | 103 | 106 | 103  | 109   | 99             | 100 | 104 | M 507<br>61 119                                             | M 3.7<br>54 106   | -0.36<br>54       | M 11.7<br>56 117    | -0.13<br>56       | M 2.9<br>59 90       | M 3.2<br>51 93      | M 114<br>44   | 4                            | 1                           |                |                          | 297           |     |      |  |
| 87885083              | PUKETAWA KING CARRICK JG ET     |                        | 2013 NZL     | 5.02            | 96                | 101 | 96  | 110  | 92    | 103            | 101 | 102 | G -191<br>96 95                                             | GZ 9.0<br>92 111  | 0.33<br>92        | GZ 0.0<br>94 104    | 0.13<br>94        | GZ 15.0<br>86 78     | GZ -4.3<br>77 108   | GZ 95<br>76   | 86                           | 4                           | 7              | 2                        | 236           | 32  | 139  |  |
| 83780817              | ROMA MURMUR KINGPIN S3J ET      |                        | 2011 NZL     | 6.76            | 95                | 98  | 97  | 115  | 90    | 97             | 99  | 105 | 197<br>92 108                                               | 6.0<br>89 108     | -0.07<br>89       | 9.0<br>89 114       | 0.02<br>89        | M 13.8<br>77 79      | M -3.3<br>66 106    | M 93<br>60    | 140                          | 9                           |                |                          | 261           | 21  | 254  |  |
| 81439291              | STEINHAUERS SAMSON LEMONHEAD    |                        | 2013 USA     | 7.55            | 104               | 105 | 105 | 97   | 101   | 89             | 106 | 99  | G 6<br>99 102                                               | GZ 5.0<br>99 107  | 0.08<br>99        | GZ 2.0<br>99 106    | 0.03<br>99        | GZ -11.0<br>99 104   | GZ -11.0<br>96 121  | GZ104<br>98   | 735                          | 44                          | 4              | 2                        | 263           | 13  | 1567 |  |

|                       |      |     |     |     |     |     |     |     |     |    |     |       |     |      |      |      |     |
|-----------------------|------|-----|-----|-----|-----|-----|-----|-----|-----|----|-----|-------|-----|------|------|------|-----|
| Bull average (herd) : | 6.60 | 100 | 101 | 100 | 106 | 99  | 102 | 102 | 101 | 93 | 1.7 | -0.04 | 4.7 | 0.02 | 9.8  | -1.8 | 98  |
| Nr bulls (herd):      | 21   |     |     |     |     |     |     |     |     |    |     |       |     |      |      |      |     |
| Bull average (breed): | 7.65 | 102 | 102 | 102 | 102 | 102 | 101 | 101 | 102 | 98 | 5.6 | 0.02  | 4.2 | 0.01 | -0.5 | 0.0  | 103 |
| Nr bulls (breed):     | 1248 |     |     |     |     |     |     |     |     |    |     |       |     |      |      |      |     |

# Most Influential Bulls in the Herd

The difference between the Bull's breeding values and the Average Breeding Values of his Daughters reflects the Genetic Levels of the Dams  
The difference between the Average Breeding Values of the Bull's daughters in the Herd and in the Breed reflects the Genetic Level of the Herd within the Breed

Herd Daughters > All Daughters

Herd Daughters < All Daughters

| Name            |                                    | Total Daughters<br>Year of Birth |                    | Active Daughters<br>Year of Birth |                    | Breeding Value- and Selection Indices |                     |      |      |     |       |     |     |       |       |     |     |        |
|-----------------|------------------------------------|----------------------------------|--------------------|-----------------------------------|--------------------|---------------------------------------|---------------------|------|------|-----|-------|-----|-----|-------|-------|-----|-----|--------|
| Regnr           | Country                            | In SA<br>In Milk                 | In Herd<br>In Milk | In SA<br>In Milk                  | In Herd<br>In Milk |                                       | Milk                | BFat | Prot | BF% | Prot% | SCS | ICP | HLife | Udder | F&L | EFI | SAINET |
| Breed Average : |                                    |                                  |                    |                                   |                    |                                       | 103                 | 107  | 107  | 103 | 105   | 97  | 101 | 103   | 101   | 101 | 102 | 102    |
| Herd Average :  |                                    |                                  |                    |                                   |                    |                                       | 102                 | 100  | 103  | 98  | 101   | 82  | 105 | 96    |       |     | 100 |        |
| 1               | ROMA MURMUR KINGPIN<br>S3J ET      | 2017                             | - 2022             | 2017                              | - 2022             | Bull EBVs :                           |                     |      |      |     |       |     |     |       |       |     |     |        |
|                 |                                    | 160                              | 106                | 88                                | 68                 | Herd Daughtr EBVs :                   |                     |      |      |     |       |     |     |       |       |     |     |        |
|                 | 83780817                           | NZL                              | 140                | 102                               | 80                 | 68                                    | All Daughter EBVs : |      |      |     |       |     |     |       |       |     |     |        |
| 2               | HEARTLAND PHAROAH<br>APOLLO ET     | 2017                             | - 2022             | 2017                              | - 2021             | Bull EBVs :                           |                     |      |      |     |       |     |     |       |       |     |     |        |
|                 |                                    | 189                              | 88                 | 65                                | 60                 | Herd Daughtr EBVs :                   |                     |      |      |     |       |     |     |       |       |     |     |        |
|                 | 83020487                           | USA                              | 150                | 83                                | 64                 | 59                                    | All Daughter EBVs : |      |      |     |       |     |     |       |       |     |     |        |
| 3               | JX MOUNT ROCK<br>VICEROY ALPHA {4} | 2020                             | - 2024             | 2020                              | - 2023             | Bull EBVs :                           |                     |      |      |     |       |     |     |       |       |     |     |        |
|                 |                                    | 222                              | 59                 | 134                               | 56                 | Herd Daughtr EBVs :                   |                     |      |      |     |       |     |     |       |       |     |     |        |
|                 | 89567374                           | USA                              | 143                | 39                                | 76                 | 36                                    | All Daughter EBVs : |      |      |     |       |     |     |       |       |     |     |        |
| 4               | AMBZED LT OMEGA ET<br>S3J ET       | 2021                             | - 2025             | 2021                              | - 2025             | Bull EBVs :                           |                     |      |      |     |       |     |     |       |       |     |     |        |
|                 |                                    | 74                               | 49                 | 65                                | 41                 | Herd Daughtr EBVs :                   |                     |      |      |     |       |     |     |       |       |     |     |        |
|                 | 90567298                           | NZL                              | 55                 | 35                                | 47                 | 28                                    | All Daughter EBVs : |      |      |     |       |     |     |       |       |     |     |        |
| 5               | STEINHAUERS SAMSON<br>LEMONHEAD    | 2014                             | - 2025             | 2016                              | - 2025             | Bull EBVs :                           |                     |      |      |     |       |     |     |       |       |     |     |        |
|                 |                                    | 941                              | 39                 | 280                               | 25                 | Herd Daughtr EBVs :                   |                     |      |      |     |       |     |     |       |       |     |     |        |
|                 | 81439291                           | USA                              | 735                | 36                                | 215                | 24                                    | All Daughter EBVs : |      |      |     |       |     |     |       |       |     |     |        |
| 6               | PUKETAWA KING<br>CARRICK JG ET     | 2020                             | - 2024             | 2020                              | - 2024             | Bull EBVs :                           |                     |      |      |     |       |     |     |       |       |     |     |        |
|                 |                                    | 137                              | 37                 | 113                               | 29                 | Herd Daughtr EBVs :                   |                     |      |      |     |       |     |     |       |       |     |     |        |
|                 | 87885083                           | NZL                              | 86                 | 36                                | 67                 | 29                                    | All Daughter EBVs : |      |      |     |       |     |     |       |       |     |     |        |
| 7               | ALL LYNNS LOUIE<br>VALENTINO-ET    | 2010                             | - 2022             | 2011                              | - 2022             | Bull EBVs :                           |                     |      |      |     |       |     |     |       |       |     |     |        |
|                 |                                    | 1892                             | 28                 | 161                               | 26                 | Herd Daughtr EBVs :                   |                     |      |      |     |       |     |     |       |       |     |     |        |
|                 | 70472675                           | USA                              | 1531               | 28                                | 153                | 26                                    | All Daughter EBVs : |      |      |     |       |     |     |       |       |     |     |        |

# Most Influential Bulls in the Herd

The difference between the Bull's breeding values and the Average Breeding Values of his Daughters reflects the Genetic Levels of the Dams  
The difference between the Average Breeding Values of the Bull's daughters in the Herd and in the Breed reflects the Genetic Level of the Herd within the Breed

Herd Daughters > All Daughters

Herd Daughters < All Daughters

| Name            |                              | Total Daughters<br>Year of Birth |                    | Active Daughters<br>Year of Birth |                    | Breeding Value- and Selection Indices |                     |      |      |     |       |     |     |       |       |     |     |        |
|-----------------|------------------------------|----------------------------------|--------------------|-----------------------------------|--------------------|---------------------------------------|---------------------|------|------|-----|-------|-----|-----|-------|-------|-----|-----|--------|
| Regnr           | Country                      | In SA<br>In Milk                 | In Herd<br>In Milk | In SA<br>In Milk                  | In Herd<br>In Milk |                                       | Milk                | BFat | Prot | BF% | Prot% | SCS | ICP | HLife | Udder | F&L | EFI | SAINET |
| Breed Average : |                              |                                  |                    |                                   |                    |                                       | 103                 | 107  | 107  | 103 | 105   | 97  | 101 | 103   | 101   | 101 | 102 | 102    |
| Herd Average :  |                              |                                  |                    |                                   |                    |                                       | 102                 | 100  | 103  | 98  | 101   | 82  | 105 | 96    |       |     | 100 |        |
| 8               | ARRIET NN DEGREE -ET         | 2013                             | - 2019             | 2015                              | - 2019             | Bull EBVs :                           | 86                  | 117  | 104  | 130 | 133   | 72  | 117 | 86    | 87    | 106 | 101 | 96     |
|                 |                              | 48                               | 21                 | 15                                | 13                 | Herd Daugtr EBVs :                    | 91                  | 105  | 98   | 113 | 113   | 76  | 112 | 91    |       |     | 101 |        |
|                 | 75148056                     | NZL                              | 28                 | 19                                | 14                 | 12                                    | All Daughter EBVs : | 91   | 105  | 99  | 113   | 114 | 77  | 110   | 90    | 90  | 99  | 100    |
| 9               | GLEN LEITH QUIGLEY S2J ET    | 2022                             | - 2022             | 2022                              | - 2022             | Bull EBVs :                           | 88                  | 104  | 101  | 117 | 123   | 69  | 127 | 98    | 87    | 104 | 102 | 96     |
|                 |                              | 20                               | 20                 | 20                                | 20                 | Herd Daugtr EBVs :                    | 96                  | 104  | 102  | 107 | 110   | 75  | 110 | 91    |       |     | 100 |        |
|                 | 91749168                     | NZL                              | 12                 | 12                                | 12                 | 12                                    | All Daughter EBVs : | 96   | 104  | 102 | 107   | 110 | 75  | 110   | 91 91 |     | 100 |        |
| 10              | BROOKBORA VALENTINO ASKN ET  | 2016                             | - 2022             | 2019                              | - 2022             | Bull EBVs :                           | 104                 | 110  | 113  | 103 | 110   | 83  | 97  | 108   | 99    | 92  | 102 | 100    |
|                 |                              | 47                               | 19                 | 40                                | 15                 | Herd Daugtr EBVs :                    | 103                 | 105  | 106  | 101 | 103   | 81  | 104 | 103   |       |     | 102 |        |
|                 | 87662565                     | AUS                              | 20                 | 19                                | 16                 | 15                                    | All Daughter EBVs : | 104  | 104  | 107 | 99    | 103 | 81  | 101   | 102   | 97  | 97  | 102    |
| 11              | BUSHLEA RV CASUAL ET         | 2017                             | - 2021             | 2019                              | - 2021             | Bull EBVs :                           | 101                 | 92   | 92   | 92  | 85    | 100 | 103 | 109   | 104   | 105 | 91  | 102    |
|                 |                              | 31                               | 18                 | 13                                | 8                  | Herd Daugtr EBVs :                    | 97                  | 93   | 91   | 97  | 92    | 87  | 110 | 99    |       |     | 94  |        |
|                 | 85561751                     | AUS                              | 27                 | 16                                | 13                 | 8                                     | All Daughter EBVs : | 99   | 94   | 93  | 96    | 91  | 90  | 107   | 101   | 103 | 99  | 100    |
| 12              | BLUE MIST GOLDA PAGEANT ET   | 2015                             | - 2019             | 2018                              | - 2019             | Bull EBVs :                           | 111                 | 114  | 119  | 100 | 106   | 75  | 106 | 76    | 97    | 105 | 109 | 99     |
|                 |                              | 72                               | 18                 | 13                                | 13                 | Herd Daugtr EBVs :                    | 108                 | 110  | 112  | 99  | 102   | 76  | 105 | 74    |       |     | 107 |        |
|                 | 79815700                     | USA                              | 60                 | 17                                | 13                 | 13                                    | All Daughter EBVs : | 104  | 105  | 107 | 99    | 102 | 77  | 100   | 74    | 96  | 104 | 103    |
| 13              | BROADLIN AUSSIEGOLD P ET     | 2017                             | - 2023             | 2017                              | - 2023             | Bull EBVs :                           | 106                 | 109  | 116  | 100 | 111   | 71  | 82  | 66    | 91    | 108 | 102 | 94     |
|                 |                              | 408                              | 11                 | 241                               | 7                  | Herd Daugtr EBVs :                    | 108                 | 106  | 111  | 97  | 102   | 75  | 95  | 80    |       |     | 102 |        |
|                 | 83783266                     | AUS                              | 234                | 11                                | 132                | 7                                     | All Daughter EBVs : | 104  | 104  | 109 | 100   | 106 | 79  | 91    | 81    | 94  | 104 | 100    |
| 14              | CAL-MART MEDALIST PILGRIM ET | 2014                             | - 2023             | 2015                              | - 2022             | Bull EBVs :                           | 119                 | 104  | 120  | 85  | 94    | 99  | 101 | 118   | 105   | 97  | 103 | 107    |
|                 |                              | 1319                             | 11                 | 221                               | 6                  | Herd Daugtr EBVs :                    | 104                 | 99   | 103  | 95  | 97    | 88  | 105 | 106   |       |     | 100 |        |
|                 | 79203451                     | USA                              | 883                | 8                                 | 198                | 3                                     | All Daughter EBVs : | 109  | 101  | 109 | 91    | 97  | 92  | 101   | 108   | 100 | 100 | 101    |

# Most Influential Bulls in the Herd

The difference between the Bull's breeding values and the Average Breeding Values of his Daughters reflects the Genetic Levels of the Dams  
The difference between the Average Breeding Values of the Bull's daughters in the Herd and in the Breed reflects the Genetic Level of the Herd within the Breed

Herd Daughters > All Daughters

Herd Daughters < All Daughters

| Name            |                       | Total Daughters<br>Year of Birth |                    | Active Daughters<br>Year of Birth |                    | Breeding Value- and Selection Indices |                    |      |     |       |     |     |       |       |     |     |        |  |
|-----------------|-----------------------|----------------------------------|--------------------|-----------------------------------|--------------------|---------------------------------------|--------------------|------|-----|-------|-----|-----|-------|-------|-----|-----|--------|--|
| Regnr           | Country               | In SA<br>In Milk                 | In Herd<br>In Milk | In SA<br>In Milk                  | In Herd<br>In Milk | Milk                                  | BFat               | Prot | BF% | Prot% | SCS | ICP | HLife | Udder | F&L | EFI | SAINET |  |
| Breed Average : |                       |                                  |                    |                                   |                    | 103                                   | 107                | 107  | 103 | 105   | 97  | 101 | 103   | 101   | 101 | 102 | 102    |  |
| Herd Average :  |                       |                                  |                    |                                   |                    | 102                                   | 100                | 103  | 98  | 101   | 82  | 105 | 96    |       |     | 100 |        |  |
| 15              | JX ABS CHAPMAN {4} ET | 2021                             | - 2021             | 2021                              | - 2021             | Bull EBVs :                           |                    |      |     |       |     |     |       |       |     |     |        |  |
|                 |                       | 7                                | 7                  | 6                                 | 6                  | 113                                   | 103                | 115  | 89  | 98    | 79  | 97  | 85    | 100   | 105 | 98  | 100    |  |
|                 | 88034251              | USA                              | 7                  | 7                                 | 6                  | 6                                     | Herd Daugtr EBVs : |      |     |       |     |     |       |       |     |     |        |  |
|                 |                       |                                  |                    |                                   |                    | 108                                   | 101                | 107  | 93  | 96    | 77  | 103 | 94    |       |     | 103 |        |  |
|                 |                       |                                  |                    |                                   |                    | All Daughter EBVs :                   |                    |      |     |       |     |     |       |       |     |     |        |  |
|                 |                       |                                  |                    |                                   |                    | 108                                   | 101                | 107  | 93  | 96    | 77  | 103 | 94 94 |       |     | 103 |        |  |
| 16              | AHLEM BADGER          | 2018                             | - 2018             | 2018                              | - 2018             | Bull EBVs :                           |                    |      |     |       |     |     |       |       |     |     |        |  |
|                 | BODACIOUS 4 ET        | 5                                | 5                  | 2                                 | 2                  | 119                                   | 105                | 113  | 86  | 86    | 107 | 108 | 115   | 104   | 99  | 105 | 108    |  |
|                 | 85562528              | USA                              | 5                  | 5                                 | 2                  | 2                                     | Herd Daugtr EBVs : |      |     |       |     |     |       |       |     |     |        |  |
|                 |                       |                                  |                    |                                   |                    | 94                                    | 94                 | 91   | 101 | 98    | 87  | 103 | 99    |       |     | 96  |        |  |
|                 |                       |                                  |                    |                                   |                    | All Daughter EBVs :                   |                    |      |     |       |     |     |       |       |     |     |        |  |
|                 |                       |                                  |                    |                                   |                    | 94                                    | 94                 | 91   | 101 | 98    | 87  | 103 | 99 99 |       |     | 96  |        |  |

# Cows

Animals sorted on farmersnumber within birth year

\*Inbreeding in red is high

Above breed average

Top 10% of the breed

Bottom 10% of the breed

G = Genomically enhanced EBV

| Cow                   |                        |            |               | Selection Indices    |     |     |      |       |     |     |     | Breeding Values (EBV), Reliabilities (B) and Indices (Ind) |              |                |               |                |              |                   |                |                      |           |     |            |            | Average Production Values |            |           |             |              |      |                                     | Pedigree                     |  |  |
|-----------------------|------------------------|------------|---------------|----------------------|-----|-----|------|-------|-----|-----|-----|------------------------------------------------------------|--------------|----------------|---------------|----------------|--------------|-------------------|----------------|----------------------|-----------|-----|------------|------------|---------------------------|------------|-----------|-------------|--------------|------|-------------------------------------|------------------------------|--|--|
| FarmNr<br>Regno       | Parent<br>Verification | Name       | % In-<br>brd* | SAI                  | CYI | FMI | Body | Udder | F&L | BWC | EFI | Milk<br>B                                                  | Bfat<br>Ind  | Bfat%<br>B Ind | Prot<br>B Ind | Prot%<br>B Ind | SCS<br>B Ind | Calf Int<br>B Ind | HerdLif<br>B ° | Tests/lact.<br>1 2 3 | Nr<br>Lac | ICP | Kg<br>Milk | Kg<br>Bfat | %<br>Bfat                 | Kg<br>Prot | %<br>Prot | Sire<br>Dam | Dam<br>Byear |      |                                     |                              |  |  |
| Active Breed Average: |                        |            | 7.28          | 102                  | 102 | 102 | 101  | 101   | 101 | 101 | 101 | 38                                                         | 5.2          | 0.06           | 2.7           | 0.02           | -4.0         | -0.7              | 103            |                      |           |     |            |            |                           |            |           |             |              |      |                                     |                              |  |  |
|                       |                        |            |               | Year of Birth : 2015 |     |     |      |       |     |     |     |                                                            |              |                |               |                |              |                   |                |                      |           |     |            |            |                           |            |           |             |              |      |                                     |                              |  |  |
| 15437<br>93874139     |                        | ZRCD150437 | 5.65          |                      |     |     |      |       |     |     |     | -192<br>13                                                 | -6.0<br>95   | 0.06<br>8      | -6.2<br>98    | 0.02<br>8      | 0.02<br>104  | 13.4<br>8         | -2.1<br>80     | 91<br>103            | 8         |     |            | 3          | 361                       | 6771       | 332       | 4.9         | 250          | 3.7  | MAACK DAIRY SPECTACULAR-ET          |                              |  |  |
|                       |                        |            |               | Year of Birth : 2016 |     |     |      |       |     |     |     |                                                            |              |                |               |                |              |                   |                |                      |           |     |            |            |                           |            |           |             |              |      |                                     |                              |  |  |
| 16455<br>93875326     |                        | ZRCD160455 | 5.69          |                      |     |     |      |       |     |     |     | -24<br>25                                                  | -0.6<br>101  | 0.00<br>25     | -1.7<br>101   | -0.01<br>25    | -0.01<br>102 | 3.0<br>24         | -9.0<br>90     | 100<br>21            | 117<br>22 |     |            | 2          | 399                       | 6350       | 347       | 5.5         | 247          | 3.9  | STEINHAUERS SAMSON LEMONHEAD        |                              |  |  |
| 6191<br>93893204      |                        | ZRCD160191 | 5.69          |                      |     |     |      |       |     |     |     | 261<br>12                                                  | -4.9<br>110  | -0.30<br>8     | 1.0<br>99     | -0.15<br>8     | 7.8<br>89    | 1.2<br>9          | 91<br>105      | 88<br>9              |           |     | 5          | 455        | 6737                      | 305        | 4.5       | 240         | 3.6          | 4521 | 2014                                |                              |  |  |
|                       |                        |            |               | Year of Birth : 2017 |     |     |      |       |     |     |     |                                                            |              |                |               |                |              |                   |                |                      |           |     |            |            |                           |            |           |             |              |      |                                     |                              |  |  |
| 7057<br>93893659      |                        | ZRCD170057 | 5.82          |                      |     |     |      |       |     |     |     | -94<br>1                                                   | -7.4<br>98   | -0.05<br>1     | -4.7<br>99    | -0.02<br>1     | -0.02<br>101 | 5.7<br>1          | -1.0<br>87     | 91<br>101            | 1         |     |            | 3          | 418                       | 6782       | 337       | 5.0         | 247          | 3.6  | 4818                                | 2014                         |  |  |
| 7438<br>93879815      |                        | ZRCD170438 | 5.82          |                      |     |     |      |       |     |     |     | -136<br>49                                                 | -8.4<br>97   | -0.03<br>31    | -7.2<br>100   | -0.03<br>34    | -0.03<br>96  | 12.0<br>34        | -0.1<br>100    | 93<br>11             | 9<br>81   |     | 3          | 4          | 493                       | 4753       | 249       | 5.3         | 182          | 3.8  | 5058                                | 2015                         |  |  |
| 7441<br>93879823      |                        | ZRCD170441 | 5.65          |                      |     |     |      |       |     |     |     | -315<br>31                                                 | -26.8<br>91  | -0.18<br>29    | -16.1<br>80   | -0.07<br>29    | 7.9<br>94    | -11.8<br>29       | 99<br>86       | 15<br>105            | 122<br>16 |     |            | 5          | 407                       | 6649       | 333       | 5.0         | 236          | 3.5  | HEARTLAND PHAROAH APOLLO ET<br>5152 | 2015                         |  |  |
|                       |                        |            |               | Year of Birth : 2018 |     |     |      |       |     |     |     |                                                            |              |                |               |                |              |                   |                |                      |           |     |            |            |                           |            |           |             |              |      |                                     |                              |  |  |
| 8107<br>93883262      |                        | ZRCD180107 | 5.73          |                      |     |     |      |       |     |     |     | 75<br>54                                                   | -12.8<br>104 | -0.28<br>45    | -3.1<br>90    | -0.10<br>46    | -0.10<br>100 | 13.4<br>30        | -5.8<br>80     | 107<br>24            | 110<br>23 |     |            | 4          | 3                         | 452        | 5923      | 274         | 4.6          | 203  | 3.4                                 | CAL-MART MEDALIST PILGRIM ET |  |  |
| 8127<br>93883338      |                        | ZRCD180127 | 5.73          |                      |     |     |      |       |     |     |     | 141<br>49                                                  | 4.7<br>106   | -0.06<br>39    | 4.2<br>98     | -0.02<br>39    | -0.02<br>109 | 15.6<br>39        | 0.3<br>78      | 97<br>11             | 9<br>99   |     | 5          | 4          | 3                         | 366        | 6421      | 310         | 4.8          | 234  | 3.6                                 | MS EASTON ET                 |  |  |
| 8153<br>93883445      |                        | ZRCD180153 | 5.73          |                      |     |     |      |       |     |     |     | 713<br>49                                                  | 36.4<br>126  | -0.04<br>38    | 25.9<br>99    | -0.03<br>39    | -0.03<br>133 | 7.7<br>39         | 3.0<br>100     | 97<br>18             | 8<br>93   |     | 4          | 3          | 446                       | 7899       | 393       | 5.0         | 277          | 3.5  | MS EASTON ET                        |                              |  |  |
| 8174<br>93883551      |                        | ZRCD180174 | 5.73          |                      |     |     |      |       |     |     |     | 234<br>49                                                  | 9.9<br>110   | -0.05<br>39    | 8.4<br>99     | -0.01<br>39    | -0.01<br>113 | 13.6<br>39        | 1.4<br>20      | 97<br>80             | 8<br>10   |     | 5          | 4          | 2                         | 413        | 6322      | 299         | 4.7          | 226  | 3.6                                 | MS EASTON ET                 |  |  |
| 8178<br>93883577      |                        | ZRCD180178 | 5.73          |                      |     |     |      |       |     |     |     | -42<br>54                                                  | -5.2<br>100  | -0.06<br>45    | -3.1<br>98    | -0.03<br>46    | -0.03<br>100 | 6.8<br>30         | -0.2<br>86     | 107<br>22            | 100<br>23 |     | 4          | 2          | 569                       | 4896       | 266       | 5.4         | 181          | 3.7  | CAL-MART MEDALIST PILGRIM ET        |                              |  |  |
| 8210<br>93883726      |                        | ZRCD180210 | 5.73          |                      |     |     |      |       |     |     |     | 37<br>54                                                   | 6.4<br>103   | 0.06<br>45     | 3.2<br>103    | 0.02<br>46     | 0.02<br>107  | -1.9<br>104       | -5.1<br>30     | 99<br>95             | 24<br>109 |     | 4          | 4          | 488                       | 5983       | 306       | 5.1         | 231          | 3.9  | CAL-MART MEDALIST PILGRIM ET        |                              |  |  |
| 8278<br>93883890      |                        | ZRCD180278 | 5.73          |                      |     |     |      |       |     |     |     | 344<br>52                                                  | 18.5<br>113  | -0.01<br>40    | 14.7<br>100   | 0.02<br>42     | 0.02<br>120  | 15.3<br>21        | -3.7<br>78     | 75<br>12             | 106<br>10 |     | 3          | 3          | 375                       | 6380       | 306       | 4.8         | 230          | 3.6  | BLUE MIST GOLDA PAGEANT ET          |                              |  |  |
| 8280<br>93883908      |                        | ZRCD180280 | 5.73          |                      |     |     |      |       |     |     |     | 458<br>52                                                  | 25.7<br>117  | 0.01<br>44     | 17.5<br>101   | 0.00<br>44     | 0.00<br>124  | 25.2<br>25        | -2.9<br>68     | 75<br>12             | 105<br>10 |     | 5          | 4          | 3                         | 367        | 7483      | 354         | 4.7          | 271  | 3.6                                 | BLUE MIST GOLDA PAGEANT ET   |  |  |
| 8288<br>93883924      |                        | ZRCD180288 | 5.73          |                      |     |     |      |       |     |     |     | 247<br>53                                                  | 10.1<br>110  | -0.06<br>42    | 6.8<br>98     | -0.04<br>44    | -0.04<br>112 | 13.1<br>22        | -4.2<br>80     | 75<br>12             | 107<br>10 |     | 4          | 3          | 363                       | 5612       | 275       | 4.9         | 201          | 3.6  | BLUE MIST GOLDA PAGEANT ET          |                              |  |  |

# Cows

Animals sorted on farmersnumber within birth year

\*Inbreeding in red is high

Above breed average

Top 10% of the breed

Bottom 10% of the breed

G = Genomically enhanced EBV

| Cow                   |                        |            |               | Selection Indices |     |     |      |       |     |     |     | Breeding Values (EBV), Reliabilities (B) and Indices (Ind) |             |                |               |                |              |                   |                |                      |           |     |            |            | Average Production Values |            |           |                                 |                          |  |  | Pedigree |  |  |  |  |  |  |
|-----------------------|------------------------|------------|---------------|-------------------|-----|-----|------|-------|-----|-----|-----|------------------------------------------------------------|-------------|----------------|---------------|----------------|--------------|-------------------|----------------|----------------------|-----------|-----|------------|------------|---------------------------|------------|-----------|---------------------------------|--------------------------|--|--|----------|--|--|--|--|--|--|
| FarmNr<br>Regno       | Parent<br>Verification | Name       | % In-<br>brd* | SAI               | CYI | FMI | Body | Udder | F&L | BWC | EFI | Milk<br>B                                                  | Bfat<br>Ind | Bfat%<br>B Ind | Prot<br>B Ind | Prot%<br>B Ind | SCS<br>B Ind | Calf Int<br>B Ind | HerdLif<br>B ° | Tests/lact.<br>1 2 3 | Nr<br>Lac | ICP | Kg<br>Milk | Kg<br>Bfat | %<br>Bfat                 | Kg<br>Prot | %<br>Prot | Sire<br>Dam                     | Dam<br>Byear             |  |  |          |  |  |  |  |  |  |
| Active Breed Average: |                        |            | 7.28          | 102               | 102 | 102 | 101  | 101   | 101 | 101 | 101 | 38                                                         | 5.2         | 0.06           | 2.7           | 0.02           | -4.0         | -0.7              | 103            |                      |           |     |            |            |                           |            |           |                                 |                          |  |  |          |  |  |  |  |  |  |
|                       |                        |            |               |                   |     |     |      |       |     |     |     | Year of Birth : 2018                                       |             |                |               |                |              |                   |                |                      |           |     |            |            |                           |            |           |                                 |                          |  |  |          |  |  |  |  |  |  |
| 8299<br>93883965      |                        | ZRCD180299 | 5.73          |                   |     |     |      |       |     |     |     | 614<br>53                                                  | 20.4<br>123 | -0.19<br>44    | 15.6<br>93    | -0.13<br>44    | 13.2<br>90   | -2.5<br>14        | 92<br>104      | 92<br>14             | 5 4       | 3   | 367        | 8383       | 372                       | 4.4        | 285       | 3.4                             | FARIA BROTHERS DRAPER ET |  |  |          |  |  |  |  |  |  |
| 8305<br>93883973      |                        | ZRCD180305 | 5.73          |                   |     |     |      |       |     |     |     | -187<br>22                                                 | -5.4<br>95  | 0.07<br>21     | -6.4<br>104   | 0.01<br>22     | 12.6<br>103  | -4.5<br>18        | 92<br>81       | 92<br>14             | 3         | 3   | 343        | 5060       | 263                       | 5.2        | 189       | 3.7                             | FARIA BROTHERS DRAPER ET |  |  |          |  |  |  |  |  |  |
| 8308<br>93894970      |                        | ZRCD180308 | 5.73          |                   |     |     |      |       |     |     |     | 363<br>52                                                  | 15.0<br>114 | -0.08<br>44    | 13.5<br>98    | -0.01<br>44    | 7.7<br>102   | -3.4<br>25        | 75<br>85       | 5 4                  | 3         | 356 | 6806       | 319        | 4.7                       | 244        | 3.6       | BLUE MIST GOLDA PAGEANT ET      |                          |  |  |          |  |  |  |  |  |  |
| 8309<br>93894988      |                        | ZRCD180309 | 5.73          |                   |     |     |      |       |     |     |     | -1<br>52                                                   | -7.0<br>101 | -0.12<br>43    | -4.1<br>96    | -0.07<br>44    | 14.1<br>22   | -0.3<br>79        | 75<br>100      | 4                    | 3         | 440 | 5945       | 274        | 4.6                       | 207        | 3.5       | BLUE MIST GOLDA PAGEANT ET      |                          |  |  |          |  |  |  |  |  |  |
| 8310<br>93883981      |                        | ZRCD180310 | 5.73          |                   |     |     |      |       |     |     |     | -54<br>48                                                  | -3.0<br>100 | -0.01<br>36    | -4.8<br>100   | -0.05<br>37    | 12.5<br>98   | -4.3<br>14        | 99<br>8        | 4                    | 3         | 341 | 6638       | 288        | 4.3                       | 213        | 3.2       | AHLEM BADGER BODACIOUS 4 ET     |                          |  |  |          |  |  |  |  |  |  |
| 8323<br>93884013      |                        | ZRCD180323 | 5.73          |                   |     |     |      |       |     |     |     | -534<br>52                                                 | -18.9<br>83 | 0.16<br>42     | -18.5<br>107  | 0.04<br>44     | 18.9<br>106  | -4.7<br>22        | 75<br>74       | 4                    | 3         | 353 | 4424       | 235        | 5.3                       | 167        | 3.8       | BLUE MIST GOLDA PAGEANT ET      |                          |  |  |          |  |  |  |  |  |  |
| 8325<br>93884021      |                        | ZRCD180325 | 5.65          |                   |     |     |      |       |     |     |     | -173<br>52                                                 | -3.5<br>95  | 0.09<br>42     | -3.5<br>104   | 0.05<br>43     | 12.0<br>107  | -3.0<br>81        | 69<br>105      | 4                    | 3         | 352 | 4852       | 243        | 5.0                       | 187        | 3.9       | BLUE MIST GOLDA PAGEANT ET 5005 | 2015                     |  |  |          |  |  |  |  |  |  |
| 8326<br>93884039      |                        | ZRCD180326 | 5.73          |                   |     |     |      |       |     |     |     | 369<br>52                                                  | 9.0<br>114  | -0.18<br>44    | 13.4<br>94    | -0.02<br>44    | 19.2<br>101  | -3.4<br>25        | 75<br>74       | 5 4                  | 3         | 356 | 6777       | 317        | 4.7                       | 254        | 3.7       | BLUE MIST GOLDA PAGEANT ET      |                          |  |  |          |  |  |  |  |  |  |
| 8344<br>93901494      |                        | ZRCD180344 | 5.73          |                   |     |     |      |       |     |     |     | -121<br>46                                                 | -10.7<br>97 | -0.08<br>33    | -7.7<br>98    | -0.05<br>35    | 5.5<br>95    | -2.7<br>88        | 89<br>4        | 4                    | 3         | 360 | 5029       | 251        | 5.0                       | 191        | 3.8       | 4099                            | 2014                     |  |  |          |  |  |  |  |  |  |
| 8347<br>93884096      |                        | ZRCD180347 | 5.73          |                   |     |     |      |       |     |     |     | 385<br>52                                                  | 8.1<br>115  | -0.20<br>44    | 14.1<br>93    | -0.02<br>44    | 22.1<br>101  | -2.7<br>25        | 75<br>71       | 5 4                  | 3         | 370 | 7155       | 328        | 4.6                       | 258        | 3.6       | BLUE MIST GOLDA PAGEANT ET      |                          |  |  |          |  |  |  |  |  |  |
| 8357<br>93884104      |                        | ZRCD180357 | 5.73          |                   |     |     |      |       |     |     |     | -4<br>52                                                   | -7.3<br>101 | -0.12<br>39    | -2.9<br>96    | -0.05<br>41    | 24.7<br>101  | -1.0<br>69        | 75<br>101      | 3                    | 3         | 419 | 5760       | 271        | 4.7                       | 203        | 3.5       | BLUE MIST GOLDA PAGEANT ET      |                          |  |  |          |  |  |  |  |  |  |
| 8359<br>93884112      |                        | ZRCD180359 | 5.73          |                   |     |     |      |       |     |     |     | -81<br>47                                                  | -8.1<br>99  | -0.07<br>34    | -4.5<br>98    | -0.02<br>35    | 13.3<br>99   | -0.9<br>12        | 94<br>80       | 4                    | 3         | 392 | 5012       | 233        | 4.7                       | 179        | 3.6       | 5097                            | 2015                     |  |  |          |  |  |  |  |  |  |
| 8361<br>93884120      |                        | ZRCD180361 | 5.73          |                   |     |     |      |       |     |     |     | -136<br>48                                                 | -14.5<br>97 | -0.13<br>32    | -13.4<br>96   | -0.14<br>34    | 4.4<br>89    | 0.4<br>89         | 99<br>13       | 3                    | 3         | 444 | 5354       | 255        | 4.8                       | 182        | 3.4       | AHLEM BADGER BODACIOUS 4 ET     |                          |  |  |          |  |  |  |  |  |  |
|                       |                        |            |               |                   |     |     |      |       |     |     |     | Year of Birth : 2019                                       |             |                |               |                |              |                   |                |                      |           |     |            |            |                           |            |           |                                 |                          |  |  |          |  |  |  |  |  |  |
| 19071<br>93884682     |                        | ZRCD190071 | 5.71          |                   |     |     |      |       |     |     |     | 258<br>46                                                  | -7.1<br>110 | -0.34<br>33    | -2.4<br>87    | -0.20<br>35    | 16.6<br>101  | -2.6<br>84        | 86<br>11       | 4                    | 4         | 367 | 5489       | 252        | 4.6                       | 184        | 3.4       | 4709                            | 2014                     |  |  |          |  |  |  |  |  |  |
| 19112<br>93885010     |                        | ZRCD190112 | 5.71          |                   |     |     |      |       |     |     |     | 367<br>53                                                  | -6.3<br>114 | -0.41<br>45    | 1.4<br>84     | -0.20<br>45    | 5.9<br>84    | -3.8<br>28        | 95<br>87       | 5 4                  | 4         | 372 | 6466       | 284        | 4.4                       | 221        | 3.4       | ROMA MURMUR KINGPIN S3J ET      |                          |  |  |          |  |  |  |  |  |  |
| 19115<br>93895019     |                        | ZRCD190115 | 5.82          |                   |     |     |      |       |     |     |     | 284<br>51                                                  | 0.4<br>111  | -0.24<br>44    | 5.5<br>91     | -0.09<br>45    | 13.3<br>94   | 1.6<br>28         | 90<br>80       | 4                    | 3         | 442 | 5505       | 261        | 4.8                       | 195        | 3.5       | ROMA MURMUR KINGPIN S3J ET 7025 | 2017                     |  |  |          |  |  |  |  |  |  |
| 19122<br>93885069     |                        | ZRCD190122 | 5.71          |                   |     |     |      |       |     |     |     | 284<br>48                                                  | 16.2<br>111 | 0.01<br>37     | 10.5<br>101   | -0.01<br>42    | 24.1<br>116  | -1.5<br>42        | 91<br>102      | 5 3                  | 2         | 401 | 6878       | 314        | 4.6                       | 239        | 3.5       | ARRIET NN DEGREE -ET            |                          |  |  |          |  |  |  |  |  |  |
| 19125<br>93885085     |                        | ZRCD190125 | 5.71          |                   |     |     |      |       |     |     |     | -402<br>48                                                 | -2.6<br>88  | 0.32<br>40     | -8.5<br>113   | 0.13<br>42     | 19.3<br>115  | -8.7<br>21        | 105<br>9       | 5 4                  | 3         | 365 | 5580       | 276        | 5.0                       | 208        | 3.7       | ARRIET NN DEGREE -ET            |                          |  |  |          |  |  |  |  |  |  |

# Cows

Animals sorted on farmersnumber within birth year

\*Inbreeding in red is high

Above breed average

Top 10% of the breed

Bottom 10% of the breed

G = Genomically enhanced EBV

| Cow                   |                        |            |               | Selection Indices |     |     |      |       |     |     |     | Breeding Values (EBV), Reliabilities (B) and Indices (Ind) |             |                |               |                |              |                   |                |                      |           |     |            |            | Average Production Values |            |           |                              |                            |  |  | Pedigree |  |  |
|-----------------------|------------------------|------------|---------------|-------------------|-----|-----|------|-------|-----|-----|-----|------------------------------------------------------------|-------------|----------------|---------------|----------------|--------------|-------------------|----------------|----------------------|-----------|-----|------------|------------|---------------------------|------------|-----------|------------------------------|----------------------------|--|--|----------|--|--|
| FarmNr<br>Regno       | Parent<br>Verification | Name       | % In-<br>brd* | SAI               | CYI | FMI | Body | Udder | F&L | BWC | EFI | Milk<br>B                                                  | Bfat<br>Ind | Bfat%<br>B Ind | Prot<br>B Ind | Prot%<br>B Ind | SCS<br>B Ind | Calf Int<br>B Ind | HerdLif<br>B e | Tests/lact.<br>1 2 3 | Nr<br>Lac | ICP | Kg<br>Milk | Kg<br>Bfat | %<br>Bfat                 | Kg<br>Prot | %<br>Prot | Sire<br>Dam                  | Dam<br>Byear               |  |  |          |  |  |
| Active Breed Average: |                        |            | 7.28          | 102               | 102 | 102 | 101  | 101   | 101 | 101 | 101 | 38                                                         | 5.2         | 0.06           | 2.7           | 0.02           | -4.0         | -0.7              | 103            |                      |           |     |            |            |                           |            |           |                              |                            |  |  |          |  |  |
|                       |                        |            |               |                   |     |     |      |       |     |     |     | Year of Birth : 2019                                       |             |                |               |                |              |                   |                |                      |           |     |            |            |                           |            |           |                              |                            |  |  |          |  |  |
| 19126<br>93885093     |                        | ZRCD190126 | 5.71          |                   |     |     |      |       |     |     |     | -443<br>53                                                 | -3.4<br>86  | 0.35<br>45     | -9.5<br>115   | 0.14<br>45     | 10.6<br>116  | -5.2<br>28        | 92<br>83       | 16<br>15             | 5 4       | 4   | 362        | 4829       | 268                       | 5.6        | 187       | 3.9                          | ROMA MURMUR KINGPIN S3J ET |  |  |          |  |  |
| 19130<br>93884773     |                        | ZRCD190130 | 5.71          |                   |     |     |      |       |     |     |     | 14<br>53                                                   | 13.5<br>102 | 0.20<br>43     | 6.2<br>109    | 0.09<br>44     | 20.7<br>111  | -3.3<br>111       | 95<br>15       | 4 3                  | 2         | 355 | 5490       | 279        | 5.1                       | 215        | 3.9       | ROMA MURMUR KINGPIN S3J ET   |                            |  |  |          |  |  |
| 19138<br>93884815     |                        | ZRCD190138 | 5.71          |                   |     |     |      |       |     |     |     | -233<br>50                                                 | 1.0<br>93   | 0.22<br>40     | -2.9<br>109   | 0.10<br>40     | 29.2<br>112  | -7.7<br>21        | 91<br>64       | 4 3                  | 3         | 360 | 5655       | 284        | 5.0                       | 213        | 3.8       | ARRIET NN DEGREE -ET         |                            |  |  |          |  |  |
| 19141<br>93885127     |                        | ZRCD190141 | 5.71          |                   |     |     |      |       |     |     |     | -71<br>50                                                  | 13.0<br>99  | 0.27<br>42     | 2.5<br>114    | 0.09<br>42     | 16.7<br>111  | -7.0<br>21        | 91<br>77       | 5 4                  | 2         | 376 | 6317       | 314        | 5.0                       | 232        | 3.7       | ARRIET NN DEGREE -ET         |                            |  |  |          |  |  |
| 19150<br>93885176     |                        | ZRCD190150 | 5.71          |                   |     |     |      |       |     |     |     | -413<br>50                                                 | -7.3<br>87  | 0.25<br>41     | -11.7<br>111  | 0.08<br>41     | 10.9<br>110  | -8.2<br>21        | 91<br>82       | 5 4                  | 3         | 344 | 4995       | 254        | 5.1                       | 183        | 3.7       | ARRIET NN DEGREE -ET         |                            |  |  |          |  |  |
| 19153<br>93885184     |                        | ZRCD190153 | 5.49          |                   |     |     |      |       |     |     |     | -489<br>51                                                 | -1.7<br>85  | 0.43<br>42     | -13.4<br>118  | 0.10<br>42     | 5.7<br>112   | -6.1<br>21        | 88<br>88       | 5 4                  | 4         | 365 | 5145       | 284        | 5.5                       | 203        | 4.0       | ARRIET NN DEGREE -ET<br>4452 | 2014                       |  |  |          |  |  |
| 19155<br>93894632     |                        | ZRCD190155 | 5.71          |                   |     |     |      |       |     |     |     | 365<br>51                                                  | 5.3<br>114  | -0.23<br>42    | 5.1<br>92     | -0.14<br>42    | 10.6<br>110  | -5.2<br>21        | 101<br>83      | 5 3                  | 3         | 386 | 6520       | 298        | 4.6                       | 221        | 3.4       | BUSHLEA RV CASUAL ET         |                            |  |  |          |  |  |
| 19158<br>93885218     |                        | ZRCD190158 | 5.71          |                   |     |     |      |       |     |     |     | -388<br>50                                                 | -9.3<br>88  | 0.19<br>40     | -13.2<br>108  | 0.03<br>40     | 15.3<br>105  | -8.0<br>21        | 91<br>78       | 4 4                  | 3         | 346 | 4806       | 234        | 4.9                       | 175        | 3.6       | ARRIET NN DEGREE -ET         |                            |  |  |          |  |  |
| 19162<br>93885226     |                        | ZRCD190162 | 5.71          |                   |     |     |      |       |     |     |     | 1006<br>53                                                 | 23.0<br>136 | -0.44<br>45    | 26.2<br>83    | -0.18<br>45    | 16.2<br>133  | -2.9<br>28        | 96<br>77       | 5 4                  | 4         | 364 | 8557       | 376        | 4.4                       | 292        | 3.4       | ROMA MURMUR KINGPIN S3J ET   |                            |  |  |          |  |  |
| 19164<br>93894640     |                        | ZRCD190164 | 5.71          |                   |     |     |      |       |     |     |     | 233<br>53                                                  | 17.5<br>109 | 0.07<br>45     | 10.3<br>104   | 0.02<br>45     | 13.8<br>115  | -2.7<br>45        | 95<br>104      | 5 3                  | 2         | 384 | 6166       | 320        | 5.2                       | 225        | 3.7       | ROMA MURMUR KINGPIN S3J ET   |                            |  |  |          |  |  |
| 19176<br>93895027     |                        | ZRCD190176 | 5.71          |                   |     |     |      |       |     |     |     | 127<br>47                                                  | -9.7<br>106 | -0.27<br>33    | -0.8<br>95    | -0.09<br>33    | -5.4<br>103  | -0.7<br>35        | 97<br>94       | 4 4                  | 3         | 344 | 5835       | 259        | 4.4                       | 205        | 3.5       | 7282                         | 2017                       |  |  |          |  |  |
| 19188<br>93894673     |                        | ZRCD190188 | 5.71          |                   |     |     |      |       |     |     |     | 474<br>48                                                  | 12.8<br>118 | -0.20<br>37    | 5.4<br>114    | -0.20<br>37    | -4.9<br>93   | 0.5<br>41         | 100<br>110     | 5 3                  | 2         | 426 | 7307       | 349        | 4.8                       | 251        | 3.4       | BUSHLEA RV CASUAL ET         |                            |  |  |          |  |  |
| 19190<br>93885366     |                        | ZRCD190190 | 5.71          |                   |     |     |      |       |     |     |     | 19<br>51                                                   | 2.9<br>102  | 0.02<br>43     | 3.2<br>106    | 0.04<br>43     | 19.2<br>102  | -1.6<br>27        | 94<br>74       | 5 4                  | 2         | 394 | 5734       | 288        | 5.0                       | 214        | 3.7       | ROMA MURMUR KINGPIN S3J ET   |                            |  |  |          |  |  |
| 19192<br>93885382     |                        | ZRCD190192 | 5.71          |                   |     |     |      |       |     |     |     | 330<br>51                                                  | 13.4<br>113 | -0.07<br>43    | 15.1<br>46    | 0.03<br>46     | 9.8<br>105   | -0.2<br>27        | 102<br>83      | 5 4                  | 3         | 358 | 6665       | 322        | 4.8                       | 245        | 3.7       | ROMA MURMUR KINGPIN S3J ET   |                            |  |  |          |  |  |
| 19193<br>93885390     |                        | ZRCD190193 | 5.71          |                   |     |     |      |       |     |     |     | 225<br>50                                                  | 12.9<br>109 | 0.00<br>39     | 5.2<br>114    | -0.06<br>39    | 2.9<br>101   | -6.8<br>40        | 98<br>110      | 4 4                  | 4         | 370 | 6567       | 323        | 4.9                       | 238        | 3.6       | BUSHLEA RV CASUAL ET         |                            |  |  |          |  |  |
| 19195<br>93885416     |                        | ZRCD190195 | 5.71          |                   |     |     |      |       |     |     |     | -282<br>17                                                 | 3.7<br>92   | 0.31<br>15     | -4.4<br>113   | 0.11<br>16     | 17.8<br>99   | 5.7<br>11         | 87<br>75       |                      | 1         | 0   | 7562       | 337        | 4.5                       | 237        | 3.1       | ARRIET NN DEGREE -ET         |                            |  |  |          |  |  |
| 19210<br>93885499     |                        | ZRCD190210 | 5.71          |                   |     |     |      |       |     |     |     | -158<br>53                                                 | -3.2<br>96  | 0.08<br>45     | -3.3<br>104   | 0.05<br>45     | 12.6<br>107  | -4.0<br>28        | 95<br>81       | 5 4                  | 4         | 371 | 5277       | 260        | 4.9                       | 197        | 3.7       | ROMA MURMUR KINGPIN S3J ET   |                            |  |  |          |  |  |
| 19211<br>93885507     |                        | ZRCD190211 | 5.71          |                   |     |     |      |       |     |     |     | -57<br>47                                                  | 8.2<br>99   | 0.18<br>40     | 5.5<br>110    | 0.13<br>40     | 16.2<br>115  | -4.6<br>21        | 90<br>77       | 4                    | 2         | 522 | 5593       | 274        | 4.9                       | 206        | 3.7       | ARRIET NN DEGREE -ET         |                            |  |  |          |  |  |
| 19212<br>93895803     |                        | ZRCD190212 | 5.71          |                   |     |     |      |       |     |     |     | -213<br>48                                                 | 12.1<br>94  | 0.39<br>37     | 0.9<br>116    | 0.16<br>42     | 16.3<br>118  | -4.6<br>20        | 91<br>77       | 5 3                  | 3         | 367 | 5536       | 297        | 5.4                       | 214        | 3.9       | ARRIET NN DEGREE -ET         |                            |  |  |          |  |  |

# Cows

Animals sorted on farmersnumber within birth year

\*Inbreeding in red is high

Above breed average

Top 10% of the breed

Bottom 10% of the breed

G = Genomically enhanced EBV

| Cow                   |                        |            |               | Selection Indices |     |     |      |       |     |     |     | Breeding Values (EBV), Reliabilities (B) and Indices (Ind) |              |             |             |             |             |            |            |          |   |     |      |          | Average Production Values |         |     |                                    |                                    |  |           | Pedigree |            |            |           |            |           |             |              |
|-----------------------|------------------------|------------|---------------|-------------------|-----|-----|------|-------|-----|-----|-----|------------------------------------------------------------|--------------|-------------|-------------|-------------|-------------|------------|------------|----------|---|-----|------|----------|---------------------------|---------|-----|------------------------------------|------------------------------------|--|-----------|----------|------------|------------|-----------|------------|-----------|-------------|--------------|
| FarmNr<br>Regno       | Parent<br>Verification | Name       | % In-<br>brd* | SAI               | CYI | FMI | Body | Udder | F&L | BWC | EFI | Milk                                                       |              | Bfat        |             | Bfat%       |             | Prot       |            | Prot%    |   | SCS |      | Calf Int |                           | HerdLif |     | Tests/lact.                        |                                    |  | Nr<br>Lac | ICP      | Kg<br>Milk | Kg<br>Bfat | %<br>Bfat | Kg<br>Prot | %<br>Prot | Sire<br>Dam | Dam<br>Byear |
| Active Breed Average: |                        |            | 7.28          | 102               | 102 | 102 | 101  | 101   | 101 | 101 | 101 | 38                                                         | 5.2          | 0.06        | 2.7         | 0.02        | -4.0        | -0.7       | 103        |          |   |     |      |          |                           |         |     |                                    |                                    |  |           |          |            |            |           |            |           |             |              |
|                       |                        |            |               |                   |     |     |      |       |     |     |     | Year of Birth : 2019                                       |              |             |             |             |             |            |            |          |   |     |      |          |                           |         |     |                                    |                                    |  |           |          |            |            |           |            |           |             |              |
| 19222<br>93885549     |                        | ZRCD190222 | 5.71          |                   |     |     |      |       |     |     |     | -51<br>48                                                  | -9.5<br>100  | -0.12<br>37 | -8.9<br>95  | -0.12<br>39 | 4.1<br>91   | -6.2<br>20 | 97<br>89   | 11<br>11 | 3 | 2   | 408  | 4561     | 242                       | 5.3     | 177 | 3.9                                | BUSHLEA RV CASUAL ET               |  |           |          |            |            |           |            |           |             |              |
| 19238<br>93885648     |                        | ZRCD190238 | 5.82          |                   |     |     |      |       |     |     |     | -27<br>50                                                  | -2.3<br>100  | -0.02<br>43 | -2.2<br>101 | -0.02<br>44 | 12.2<br>101 | 1.0<br>27  | 100<br>81  | 4        | 3 | 449 | 5150 | 258      | 5.0                       | 188     | 3.7 | ROMA MURMUR KINGPIN S3J ET<br>7296 |                                    |  |           |          |            |            | 2017      |            |           |             |              |
| 19243<br>93885663     |                        | ZRCD190243 | 5.65          |                   |     |     |      |       |     |     |     | -376<br>50                                                 | 0.4<br>88    | 0.35<br>40  | -6.8<br>103 | 0.14<br>41  | 23.3<br>116 | -6.1<br>21 | 94<br>9    | 4        | 1 | 3   | 371  | 4591     | 223                       | 4.9     | 171 | 3.7                                | ARRIET NN DEGREE -ET<br>5097       |  |           |          |            |            |           | 2015       |           |             |              |
| 19247<br>93885689     |                        | ZRCD190247 | 5.71          |                   |     |     |      |       |     |     |     | 112<br>51                                                  | -8.5<br>105  | -0.24<br>43 | 2.2<br>96   | -0.04<br>44 | 13.8<br>106 | -2.7<br>27 | 102<br>15  | 4        | 4 | 3   | 362  | 5911     | 272                       | 4.6     | 213 | 3.6                                | ROMA MURMUR KINGPIN S3J ET         |  |           |          |            |            |           |            |           |             |              |
| 19250<br>93885705     |                        | ZRCD190250 | 5.71          |                   |     |     |      |       |     |     |     | 42<br>51                                                   | -4.3<br>103  | -0.12<br>43 | 1.3<br>99   | -0.01<br>46 | 10.6<br>102 | -6.5<br>28 | 99<br>83   | 5        | 4 | 2   | 374  | 5998     | 296                       | 4.9     | 220 | 3.7                                | HEARTLAND PHAROAH APOLLO ET        |  |           |          |            |            |           |            |           |             |              |
| 19259<br>93885770     |                        | ZRCD190259 | 5.71          |                   |     |     |      |       |     |     |     | -69<br>47                                                  | 5.5<br>99    | 0.14<br>40  | -2.2<br>108 | 0.01<br>40  | 12.3<br>103 | -2.7<br>21 | 97<br>81   | 4        | 3 | 449 | 5959 | 284      | 4.8                       | 208     | 3.5 | ARRIET NN DEGREE -ET               |                                    |  |           |          |            |            |           |            |           |             |              |
| 19260<br>93896405     |                        | ZRCD190260 | 5.71          |                   |     |     |      |       |     |     |     | 143<br>53                                                  | 23.8<br>106  | 0.25<br>46  | 11.0<br>111 | 0.09<br>46  | 23.3<br>111 | -3.5<br>29 | 95<br>13   | 6        | 3 | 3   | 360  | 6259     | 320                       | 5.1     | 231 | 3.7                                | ROMA MURMUR KINGPIN S3J ET         |  |           |          |            |            |           |            |           |             |              |
| 19264<br>93895829     |                        | ZRCD190264 | 5.71          |                   |     |     |      |       |     |     |     | -113<br>46                                                 | -2.0<br>98   | 0.06<br>33  | -1.6<br>101 | 0.05<br>35  | 4.2<br>107  | -2.0<br>12 | 91<br>89   | 4        | 4 | 3   | 353  | 5984     | 300                       | 5.0     | 221 | 3.7                                | 3235                               |  |           |          |            |            |           | 2013       |           |             |              |
| 19266<br>93894038     |                        | ZRCD190266 | 5.59          |                   |     |     |      |       |     |     |     | 76<br>53                                                   | -6.8<br>104  | -0.18<br>43 | -2.5<br>97  | -0.09<br>44 | 7.1<br>94   | 0.9<br>27  | 92<br>13   | 4        | 4 | 3   | 356  | 5154     | 248                       | 4.8     | 181 | 3.5                                | ROMA MURMUR KINGPIN S3J ET<br>6191 |  |           |          |            |            |           | 2016       |           |             |              |
| 19268<br>93880227     |                        | ZRCD190268 | 5.71          |                   |     |     |      |       |     |     |     | -93<br>48                                                  | 15.6<br>98   | 0.33<br>39  | 6.7<br>116  | 0.17<br>40  | 18.5<br>119 | -6.6<br>20 | 97<br>9    | 4        | 1 | 3   | 384  | 5086     | 273                       | 5.4     | 201 | 4.0                                | ARRIET NN DEGREE -ET               |  |           |          |            |            |           |            |           |             |              |
| 19275<br>93880243     |                        | ZRCD190275 | 5.71          |                   |     |     |      |       |     |     |     | -108<br>51                                                 | -14.8<br>98  | -0.16<br>43 | -5.1<br>94  | -0.02<br>46 | 17.1<br>108 | -7.5<br>28 | 99<br>15   | 5        | 4 | 3   | 373  | 5695     | 266                       | 4.7     | 206 | 3.6                                | HEARTLAND PHAROAH APOLLO ET        |  |           |          |            |            |           |            |           |             |              |
| 19276<br>93880250     |                        | ZRCD190276 | 5.71          |                   |     |     |      |       |     |     |     | -260<br>52                                                 | -21.0<br>92  | -0.13<br>43 | -13.0<br>85 | -0.05<br>44 | 12.1<br>98  | -8.3<br>81 | 105<br>15  | 4        | 1 | 3   | 366  | 4833     | 229                       | 4.7     | 176 | 3.6                                | HEARTLAND PHAROAH APOLLO ET        |  |           |          |            |            |           |            |           |             |              |
| 19278<br>93880268     |                        | ZRCD190278 | 5.71          |                   |     |     |      |       |     |     |     | -12<br>52                                                  | -16.0<br>101 | -0.26<br>43 | -3.5<br>90  | -0.05<br>44 | 6.0<br>100  | -5.6<br>28 | 105<br>15  | 4        | 1 | 3   | 374  | 5785     | 254                       | 4.4     | 208 | 3.6                                | HEARTLAND PHAROAH APOLLO ET        |  |           |          |            |            |           |            |           |             |              |
| 19279<br>93880276     |                        | ZRCD190279 | 5.71          |                   |     |     |      |       |     |     |     | -386<br>52                                                 | -27.6<br>88  | -0.13<br>43 | -19.5<br>79 | -0.08<br>44 | 14.5<br>95  | -6.6<br>27 | 105<br>15  | 4        | 1 | 3   | 371  | 4334     | 204                       | 4.7     | 157 | 3.6                                | HEARTLAND PHAROAH APOLLO ET        |  |           |          |            |            |           |            |           |             |              |
| 19280<br>93880284     |                        | ZRCD190280 | 5.71          |                   |     |     |      |       |     |     |     | -146<br>51                                                 | -11.2<br>96  | -0.07<br>43 | -9.4<br>93  | -0.06<br>45 | 3.7<br>97   | -7.0<br>28 | 107<br>15  | 4        | 4 | 3   | 367  | 5695     | 286                       | 5.0     | 199 | 3.5                                | HEARTLAND PHAROAH APOLLO ET        |  |           |          |            |            |           |            |           |             |              |
| 19281<br>93880292     |                        | ZRCD190281 | 5.71          |                   |     |     |      |       |     |     |     | -77<br>51                                                  | -3.0<br>99   | 0.01<br>41  | -7.5<br>101 | -0.08<br>42 | 10.2<br>95  | -6.2<br>21 | 101<br>7   | 5        | 4 | 2   | 349  | 5079     | 251                       | 5.0     | 174 | 3.4                                | BUSHLEA RV CASUAL ET               |  |           |          |            |            |           |            |           |             |              |
| 19284<br>93880326     |                        | ZRCD190284 | 5.71          |                   |     |     |      |       |     |     |     | -19<br>52                                                  | 13.4<br>101  | 0.23<br>43  | 3.0<br>115  | 0.06<br>44  | 7.4<br>110  | -2.7<br>44 | 100<br>108 | 4        | 2 | 3   | 366  | 5400     | 290                       | 5.4     | 203 | 3.8                                | ROMA MURMUR KINGPIN S3J ET         |  |           |          |            |            |           |            |           |             |              |
| 19287<br>93880334     |                        | ZRCD190287 | 5.71          |                   |     |     |      |       |     |     |     | 180<br>53                                                  | -8.4<br>108  | -0.30<br>46 | -2.5<br>89  | -0.15<br>46 | 10.0<br>88  | -8.6<br>29 | 100<br>83  | 6        | 4 | 2   | 357  | 6422     | 284                       | 4.4     | 209 | 3.3                                | HEARTLAND PHAROAH APOLLO ET        |  |           |          |            |            |           |            |           |             |              |
| 19288<br>93880342     |                        | ZRCD190288 | 5.71          |                   |     |     |      |       |     |     |     | 644<br>51                                                  | 4.6<br>124   | -0.45<br>43 | 12.1<br>83  | -0.19<br>46 | 23.9<br>85  | 0.8<br>28  | 102<br>15  | 5        | 4 | 3   | 361  | 7070     | 318                       | 4.5     | 237 | 3.4                                | ROMA MURMUR KINGPIN S3J ET         |  |           |          |            |            |           |            |           |             |              |

# Cows

Animals sorted on farmersnumber within birth year

\*Inbreeding in red is high

Above breed average

Top 10% of the breed

Bottom 10% of the breed

G = Genomically enhanced EBV

| Cow                   |                        |            |               | Selection Indices |     |     |      |       |     |     |     | Breeding Values (EBV), Reliabilities (B) and Indices (Ind) |              |                |               |                |              |                   |                |                      |           |     |            |            | Average Production Values |            |           |             |                                     |      |  | Pedigree |  |  |
|-----------------------|------------------------|------------|---------------|-------------------|-----|-----|------|-------|-----|-----|-----|------------------------------------------------------------|--------------|----------------|---------------|----------------|--------------|-------------------|----------------|----------------------|-----------|-----|------------|------------|---------------------------|------------|-----------|-------------|-------------------------------------|------|--|----------|--|--|
| FarmNr<br>Regno       | Parent<br>Verification | Name       | % In-<br>brd* | SAI               | CYI | FMI | Body | Udder | F&L | BWC | EFI | Milk<br>B                                                  | Bfat<br>Ind  | Bfat%<br>B Ind | Prot<br>B Ind | Prot%<br>B Ind | SCS<br>B Ind | Calf Int<br>B Ind | HerdLif<br>B e | Tests/lact.<br>1 2 3 | Nr<br>Lac | ICP | Kg<br>Milk | Kg<br>Bfat | %<br>Bfat                 | Kg<br>Prot | %<br>Prot | Sire<br>Dam | Dam<br>Byear                        |      |  |          |  |  |
| Active Breed Average: |                        |            | 7.28          | 102               | 102 | 102 | 101  | 101   | 101 | 101 | 101 | 38                                                         | 5.2          | 0.06           | 2.7           | 0.02           | -4.0         | -0.7              | 103            |                      |           |     |            |            |                           |            |           |             |                                     |      |  |          |  |  |
|                       |                        |            |               |                   |     |     |      |       |     |     |     | Year of Birth : 2019                                       |              |                |               |                |              |                   |                |                      |           |     |            |            |                           |            |           |             |                                     |      |  |          |  |  |
| 19297<br>93880391     |                        | ZRCD190297 | 5.71          |                   |     |     |      |       |     |     |     | 575<br>52                                                  | 30.3<br>121  | -0.02<br>43    | 21.8<br>44    | -0.01<br>100   | 13.2<br>27   | -1.7<br>80        | 100<br>15      | 100<br>103           | 4 1       | 3   | 369        | 6736       | 332                       | 4.9        | 246       | 3.7         | ROMA MURMUR KINGPIN S3J ET          |      |  |          |  |  |
| 19300<br>93880417     |                        | ZRCD190300 | 5.71          |                   |     |     |      |       |     |     |     | -582<br>52                                                 | -37.4<br>81  | -0.12<br>43    | -23.4<br>44   | -0.01<br>100   | 9.3<br>28    | -11.8<br>84       | 106<br>15      | 106<br>122           | 4 1       | 3   | 346        | 3978       | 195                       | 4.9        | 149       | 3.8         | HEARTLAND PHAROAH APOLLO ET         |      |  |          |  |  |
| 19305<br>93880433     |                        | ZRCD190305 | 5.71          |                   |     |     |      |       |     |     |     | -574<br>48                                                 | -33.1<br>82  | -0.06<br>40    | -28.4<br>41   | -0.11<br>92    | 16.5<br>21   | -11.4<br>77       | 109<br>9       | 109<br>121           | 5 4       | 3   | 359        | 4572       | 223                       | 4.9        | 161       | 3.5         | BUSHLEA RV CASUAL ET                |      |  |          |  |  |
| 19307<br>93880441     |                        | ZRCD190307 | 5.71          |                   |     |     |      |       |     |     |     | 145<br>49                                                  | -5.2<br>106  | -0.22<br>39    | -4.5<br>99    | -0.17<br>40    | 13.3<br>87   | -5.5<br>21        | 105<br>80      | 105<br>11            | 4 1       | 3   | 364        | 5174       | 247                       | 4.8        | 183       | 3.5         | BUSHLEA RV CASUAL ET                |      |  |          |  |  |
| 19310<br>93880466     |                        | ZRCD190310 | 5.71          |                   |     |     |      |       |     |     |     | 18<br>50                                                   | 8.9<br>102   | 0.12<br>43     | 2.1<br>111    | 0.02<br>106    | 21.9<br>44   | 0.5<br>104        | 95<br>27       | 95<br>71             | 4         | 2   | 768        | 5550       | 306                       | 5.5        | 197       | 3.6         | ROMA MURMUR KINGPIN S3J ET          |      |  |          |  |  |
| 19314<br>93894111     |                        | ZRCD190314 | 5.71          |                   |     |     |      |       |     |     |     | 240<br>50                                                  | -8.1<br>110  | -0.34<br>45    | -0.6<br>96    | -0.16<br>45    | 1.7<br>103   | -3.0<br>88        | 100<br>28      | 100<br>91            | 5         | 1   | 0          | 5761       | 250                       | 4.3        | 184       | 3.2         | HEARTLAND PHAROAH APOLLO ET         |      |  |          |  |  |
| 19316<br>93880482     |                        | ZRCD190316 | 5.71          |                   |     |     |      |       |     |     |     | -10<br>53                                                  | -2.9<br>101  | -0.05<br>43    | -0.4<br>101   | 0.00<br>99     | 25.0<br>44   | -2.2<br>103       | 95<br>27       | 95<br>68             | 4 3       | 2   | 407        | 5138       | 257                       | 5.0        | 186       | 3.6         | ROMA MURMUR KINGPIN S3J ET          |      |  |          |  |  |
| 19317<br>93895795     |                        | ZRCD190317 | 5.66          |                   |     |     |      |       |     |     |     | 559<br>51                                                  | 13.2<br>121  | -0.26<br>43    | 11.2<br>46    | -0.16<br>116   | -0.6<br>46   | 2.3<br>88         | 100<br>28      | 100<br>94            | 5 4       | 3   | 367        | 6870       | 325                       | 4.7        | 235       | 3.4         | ROMA MURMUR KINGPIN S3J ET<br>7030  | 2017 |  |          |  |  |
| 19320<br>93880516     |                        | ZRCD190320 | 5.71          |                   |     |     |      |       |     |     |     | -271<br>52                                                 | -14.4<br>92  | -0.01<br>43    | -9.8<br>100   | 0.01<br>44     | 30.6<br>103  | -4.6<br>27        | 100<br>63      | 100<br>15            | 4 1       | 3   | 367        | 4332       | 215                       | 5.0        | 166       | 3.8         | ROMA MURMUR KINGPIN S3J ET          |      |  |          |  |  |
| 19321<br>93880524     |                        | ZRCD190321 | 5.71          |                   |     |     |      |       |     |     |     | 635<br>52                                                  | 20.7<br>123  | -0.20<br>43    | 18.0<br>93    | -0.10<br>44    | 9.1<br>27    | -1.0<br>84        | 100<br>15      | 100<br>101           | 4 1       | 3   | 352        | 6936       | 320                       | 4.6        | 240       | 3.5         | ROMA MURMUR KINGPIN S3J ET          |      |  |          |  |  |
| 19328<br>93880599     |                        | ZRCD190328 | 5.71          |                   |     |     |      |       |     |     |     | 271<br>53                                                  | 9.8<br>111   | -0.08<br>43    | 10.9<br>98    | 0.01<br>44     | 10.5<br>103  | -4.1<br>27        | 95<br>83       | 95<br>13             | 4 4       | 3   | 343        | 6533       | 301                       | 4.6        | 235       | 3.6         | ROMA MURMUR KINGPIN S3J ET          |      |  |          |  |  |
| 19333<br>93880631     |                        | ZRCD190333 | 5.71          |                   |     |     |      |       |     |     |     | -103<br>51                                                 | -16.7<br>98  | -0.19<br>43    | -6.5<br>93    | -0.04<br>46    | 15.5<br>99   | -3.0<br>28        | 102<br>78      | 102<br>15            | 5 4       | 3   | 364        | 5559       | 263                       | 4.7        | 198       | 3.6         | ROMA MURMUR KINGPIN S3J ET          |      |  |          |  |  |
| 19334<br>93880649     |                        | ZRCD190334 | 5.71          |                   |     |     |      |       |     |     |     | -395<br>50                                                 | -20.7<br>88  | 0.00<br>40     | -16.8<br>101  | -0.03<br>41    | 6.9<br>100   | -7.7<br>21        | 106<br>86      | 106<br>9             | 4 1       | 3   | 367        | 4541       | 218                       | 4.8        | 172       | 3.8         | BUSHLEA RV CASUAL ET                |      |  |          |  |  |
| 19337<br>93880664     |                        | ZRCD190337 | 5.65          |                   |     |     |      |       |     |     |     | -525<br>52                                                 | -38.2<br>83  | -0.19<br>41    | -23.4<br>93   | -0.06<br>42    | 3.8<br>97    | -9.2<br>27        | 101<br>89      | 101<br>15            | 3         | 3   | 366        | 4237       | 216                       | 5.1        | 170       | 4.0         | HEARTLAND PHAROAH APOLLO ET<br>5152 | 2015 |  |          |  |  |
| 19340<br>93880698     |                        | ZRCD190340 | 5.71          |                   |     |     |      |       |     |     |     | -125<br>51                                                 | 8.7<br>97    | 0.25<br>43     | -3.7<br>111   | 0.02<br>46     | 4.6<br>100   | -3.2<br>46        | 93<br>104      | 93<br>27             | 5 4       | 2   | 389        | 5440       | 295                       | 5.4        | 199       | 3.7         | ROMA MURMUR KINGPIN S3J ET          |      |  |          |  |  |
| 19347<br>93880755     |                        | ZRCD190347 | 5.71          |                   |     |     |      |       |     |     |     | -215<br>53                                                 | -3.8<br>94   | 0.12<br>45     | -1.4<br>106   | 0.12<br>45     | 25.8<br>114  | -6.3<br>28        | 97<br>68       | 97<br>16             | 5 4       | 4   | 363        | 6067       | 300                       | 4.9        | 229       | 3.8         | ROMA MURMUR KINGPIN S3J ET          |      |  |          |  |  |
| 19350<br>93880789     |                        | ZRCD190350 | 5.71          |                   |     |     |      |       |     |     |     | -9<br>52                                                   | 19.3<br>101  | 0.31<br>42     | 9.6<br>120    | 0.16<br>43     | 11.5<br>115  | -4.8<br>43        | 81<br>118      | 81<br>118            | 4 1       | 3   | 378        | 4898       | 265                       | 5.4        | 195       | 4.0         | BLUE MIST GOLDA PAGEANT ET          |      |  |          |  |  |
| 19352<br>93894129     |                        | ZRCD190352 | 5.71          |                   |     |     |      |       |     |     |     | 171<br>52                                                  | -17.1<br>107 | -0.42<br>43    | -3.7<br>84    | -0.17<br>44    | 15.0<br>87   | -5.4<br>27        | 104<br>78      | 104<br>15            | 4 2       | 3   | 452        | 5503       | 254                       | 4.6        | 190       | 3.4         | ROMA MURMUR KINGPIN S3J ET          |      |  |          |  |  |
| 19356<br>93880813     |                        | ZRCD190356 | 5.71          |                   |     |     |      |       |     |     |     | 218<br>45                                                  | -6.6<br>109  | -0.30<br>32    | -5.9<br>89    | -0.23<br>33    | 9.5<br>81    | -6.4<br>12        | 103<br>84      | 103<br>3             | 4 1       | 3   | 358        | 5121       | 253                       | 5.0        | 174       | 3.4         | 7410                                | 2017 |  |          |  |  |

# Cows

Animals sorted on farmersnumber within birth year

\*Inbreeding in red is high

Above breed average

Top 10% of the breed

Bottom 10% of the breed

G = Genomically enhanced EBV

| Cow                   |                        |            |               | Selection Indices |     |     |      |       |     |     |     | Breeding Values (EBV), Reliabilities (B) and Indices (Ind) |              |                |               |                |              |                   |                |                      |           |     |            |            | Average Production Values |            |           |             |                                    |      |  | Pedigree |  |
|-----------------------|------------------------|------------|---------------|-------------------|-----|-----|------|-------|-----|-----|-----|------------------------------------------------------------|--------------|----------------|---------------|----------------|--------------|-------------------|----------------|----------------------|-----------|-----|------------|------------|---------------------------|------------|-----------|-------------|------------------------------------|------|--|----------|--|
| FarmNr<br>Regno       | Parent<br>Verification | Name       | % In-<br>brd* | SAI               | CYI | FMI | Body | Udder | F&L | BWC | EFI | Milk<br>B                                                  | Bfat<br>Ind  | Bfat%<br>B Ind | Prot<br>B Ind | Prot%<br>B Ind | SCS<br>B Ind | Calf Int<br>B Ind | HerdLif<br>B e | Tests/lact.<br>1 2 3 | Nr<br>Lac | ICP | Kg<br>Milk | Kg<br>Bfat | %<br>Bfat                 | Kg<br>Prot | %<br>Prot | Sire<br>Dam | Dam<br>Byear                       |      |  |          |  |
| Active Breed Average: |                        |            | 7.28          | 102               | 102 | 102 | 101  | 101   | 101 | 101 | 101 | 38                                                         | 5.2          | 0.06           | 2.7           | 0.02           | -4.0         | -0.7              | 103            |                      |           |     |            |            |                           |            |           |             |                                    |      |  |          |  |
|                       |                        |            |               |                   |     |     |      |       |     |     |     | Year of Birth : 2019                                       |              |                |               |                |              |                   |                |                      |           |     |            |            |                           |            |           |             |                                    |      |  |          |  |
| 19361<br>93880862     |                        | ZRCD190361 | 5.71          |                   |     |     |      |       |     |     |     | 580<br>52                                                  | 11.6<br>121  | -0.30<br>43    | 16.5<br>89    | -0.09<br>44    | 13.3<br>27   | -0.3<br>80        | 100<br>15      | 100<br>19            | 4 2       | 3   | 363        | 6225       | 277                       | 4.5        | 222       | 3.6         | ROMA MURMUR KINGPIN S3J ET         |      |  |          |  |
| 19372<br>93880938     |                        | ZRCD190372 | 5.71          |                   |     |     |      |       |     |     |     | 358<br>52                                                  | 14.8<br>114  | -0.08<br>42    | 11.5<br>98    | -0.04<br>42    | 25.4<br>24   | -3.2<br>68        | 75<br>10       | 105<br>10            | 4 3       | 3   | 388        | 6357       | 307                       | 4.8        | 227       | 3.6         | BLUE MIST GOLDA PAGEANT ET         |      |  |          |  |
| 19374<br>93894137     |                        | ZRCD190374 | 5.71          |                   |     |     |      |       |     |     |     | 502<br>49                                                  | 17.7<br>119  | -0.15<br>42    | 14.8<br>95    | -0.07<br>42    | 22.1<br>24   | -0.8<br>71        | 73<br>10       | 101<br>13            | 4         | 2   | 343        | 5351       | 282                       | 5.3        | 207       | 3.9         | BLUE MIST GOLDA PAGEANT ET         |      |  |          |  |
| 19376<br>93880961     |                        | ZRCD190376 | 5.71          |                   |     |     |      |       |     |     |     | -224<br>50                                                 | -15.2<br>94  | -0.06<br>43    | -11.5<br>98   | -0.05<br>44    | 19.1<br>27   | -4.8<br>74        | 92<br>15       | 109<br>18            | 4         | 2   | 349        | 3934       | 216                       | 5.5        | 147       | 3.7         | ROMA MURMUR KINGPIN S3J ET         |      |  |          |  |
|                       |                        |            |               |                   |     |     |      |       |     |     |     | Year of Birth : 2020                                       |              |                |               |                |              |                   |                |                      |           |     |            |            |                           |            |           |             |                                    |      |  |          |  |
| 20002<br>93881019     |                        | ZRCD200002 | 5.01          |                   |     |     |      |       |     |     |     | -20<br>53                                                  | -11.4<br>101 | -0.18<br>47    | -5.2<br>94    | -0.07<br>47    | 15.0<br>32   | -4.8<br>78        | 100<br>19      | 100<br>22            | 3 4       | 3   | 368        | 5900       | 280                       | 4.7        | 207       | 3.5         | ROMA MURMUR KINGPIN S3J ET<br>7441 | 2017 |  |          |  |
| 20008<br>93881050     |                        | ZRCD200008 | 5.78          |                   |     |     |      |       |     |     |     | -130<br>50                                                 | 0.3<br>97    | 0.11<br>43     | -0.2<br>105   | 0.08<br>44     | 5.9<br>110   | -1.6<br>27        | 99<br>87       | 99<br>15             | 4         | 3   | 447        | 4891       | 243                       | 5.0        | 186       | 3.8         | ROMA MURMUR KINGPIN S3J ET         |      |  |          |  |
| 20009<br>93881068     |                        | ZRCD200009 | 5.73          |                   |     |     |      |       |     |     |     | 184<br>56                                                  | 17.2<br>108  | 0.11<br>43     | 9.5<br>105    | 0.04<br>44     | 7.7<br>115   | 0.4<br>44         | 98<br>106      | 98<br>27             | 4         | 3   | 372        | 5300       | 281                       | 5.3        | 194       | 3.7         | ROMA MURMUR KINGPIN S3J ET<br>8021 | 2018 |  |          |  |
| 20011<br>93881084     |                        | ZRCD200011 | 5.82          |                   |     |     |      |       |     |     |     | -227<br>52                                                 | 11.2<br>94   | 0.39<br>43     | 2.4<br>116    | 0.19<br>44     | 9.4<br>120   | -0.5<br>27        | 99<br>84       | 99<br>15             | 4 1       | 3   | 371        | 4823       | 258                       | 5.4        | 191       | 4.0         | ROMA MURMUR KINGPIN S3J ET<br>7442 | 2017 |  |          |  |
| 20018<br>93881142     |                        | ZRCD200018 | 5.78          |                   |     |     |      |       |     |     |     | 482<br>51                                                  | 23.4<br>118  | -0.04<br>43    | 22.0<br>99    | 0.05<br>46     | 18.1<br>129  | 2.6<br>46         | 101<br>107     | 101<br>44            | 5 4       | 3   | 366        | 6849       | 332                       | 4.9        | 253       | 3.7         | ROMA MURMUR KINGPIN S3J ET         |      |  |          |  |
| 20026<br>93881183     |                        | ZRCD200026 | 5.78          |                   |     |     |      |       |     |     |     | -585<br>51                                                 | -35.1<br>81  | -0.08<br>43    | -26.0<br>98   | -0.06<br>46    | 4.0<br>28    | -11.5<br>89       | 99<br>15       | 99<br>122            | 5 4       | 2   | 373        | 3939       | 187                       | 4.8        | 132       | 3.4         | HEARTLAND PHAROAH APOLLO ET        |      |  |          |  |
| 20030<br>93881225     |                        | ZRCD200030 | 5.78          |                   |     |     |      |       |     |     |     | -441<br>51                                                 | 0.0<br>86    | 0.41<br>42     | -10.8<br>117  | 0.11<br>42     | 11.7<br>113  | -6.1<br>24        | 100<br>82      | 100<br>111           | 4 2       | 3   | 353        | 4215       | 234                       | 5.5        | 162       | 3.8         | PUKETAWA KING CARRICK JG ET        |      |  |          |  |
| 20033<br>93881241     |                        | ZRCD200033 | 5.78          |                   |     |     |      |       |     |     |     | -147<br>52                                                 | -10.5<br>96  | -0.05<br>43    | -5.8<br>99    | 0.00<br>44     | 13.5<br>103  | -6.9<br>27        | 100<br>80      | 100<br>15            | 4 1       | 3   | 359        | 4351       | 219                       | 5.0        | 166       | 3.8         | ROMA MURMUR KINGPIN S3J ET         |      |  |          |  |
| 20039<br>93881282     |                        | ZRCD200039 | 5.78          |                   |     |     |      |       |     |     |     | 308<br>51                                                  | 0.8<br>112   | -0.25<br>43    | 9.3<br>46     | -0.04<br>99    | 11.8<br>28   | -4.9<br>81        | 105<br>15      | 105<br>18            | 5 4       | 3   | 362        | 6728       | 310                       | 4.6        | 239       | 3.6         | HEARTLAND PHAROAH APOLLO ET        |      |  |          |  |
| 20040<br>93881290     |                        | ZRCD200040 | 5.78          |                   |     |     |      |       |     |     |     | -14<br>50                                                  | -2.5<br>101  | -0.04<br>43    | -0.6<br>99    | 0.00<br>44     | 5.9<br>103   | -3.3<br>28        | 96<br>87       | 96<br>15             | 4         | 2   | 504        | 5747       | 278                       | 4.8        | 205       | 3.6         | HEARTLAND PHAROAH APOLLO ET        |      |  |          |  |
| 20043<br>93881324     |                        | ZRCD200043 | 5.78          |                   |     |     |      |       |     |     |     | -147<br>54                                                 | -13.7<br>96  | -0.11<br>41    | -9.2<br>96    | -0.06<br>48    | -3.7<br>94   | -7.8<br>48        | 102<br>29      | 102<br>97            | 5 3       | 3   | 355        | 5890       | 289                       | 4.9        | 214       | 3.6         | HEARTLAND PHAROAH APOLLO ET        |      |  |          |  |
| 20049<br>93881373     |                        | ZRCD200049 | 5.78          |                   |     |     |      |       |     |     |     | 116<br>51                                                  | -26.9<br>105 | -0.54<br>43    | -6.1<br>79    | -0.17<br>46    | 11.9<br>28   | -6.4<br>81        | 105<br>15      | 105<br>18            | 5 4       | 3   | 366        | 5801       | 257                       | 4.4        | 200       | 3.5         | HEARTLAND PHAROAH APOLLO ET        |      |  |          |  |
| 20053<br>93881399     |                        | ZRCD200053 | 5.78          |                   |     |     |      |       |     |     |     | 70<br>52                                                   | 7.2<br>104   | 0.05<br>41     | 2.9<br>103    | 0.00<br>42     | 21.2<br>107  | -3.8<br>42        | 99<br>103      | 99<br>27             | 3 2       | 3   | 368        | 5086       | 259                       | 5.1        | 188       | 3.7         | ROMA MURMUR KINGPIN S3J ET         |      |  |          |  |
| 20058<br>93881423     |                        | ZRCD200058 | 5.78          |                   |     |     |      |       |     |     |     | -786<br>45                                                 | -27.7<br>74  | 0.26<br>29     | -25.7<br>111  | 0.09<br>36     | 5.1<br>75    | -11.2<br>36       | 80<br>111      | 80<br>24             | 1         | 1   | 0          | 3507       | 234                       | 6.7        | 146       | 4.2         | HEARTLAND PHAROAH APOLLO ET        |      |  |          |  |

# Cows

Animals sorted on farmersnumber within birth year

\*Inbreeding in red is high

Above breed average

Top 10% of the breed

Bottom 10% of the breed

G = Genomically enhanced EBV

| Cow                   |                        |            |               | Selection Indices |     |     |      |       |     |     |     | Breeding Values (EBV), Reliabilities (B) and Indices (Ind) |              |             |             |             |             |             |           |       |   |     |     |          | Average Production Values |         |             |     |                                    |           |     | Pedigree   |                             |           |            |           |             |              |  |
|-----------------------|------------------------|------------|---------------|-------------------|-----|-----|------|-------|-----|-----|-----|------------------------------------------------------------|--------------|-------------|-------------|-------------|-------------|-------------|-----------|-------|---|-----|-----|----------|---------------------------|---------|-------------|-----|------------------------------------|-----------|-----|------------|-----------------------------|-----------|------------|-----------|-------------|--------------|--|
| FarmNr<br>Regno       | Parent<br>Verification | Name       | % In-<br>brd* | SAI               | CYI | FMI | Body | Udder | F&L | BWC | EFI | Milk                                                       |              | Bfat        |             | Bfat%       |             | Prot        |           | Prot% |   | SCS |     | Calf Int |                           | HerdLif | Tests/lact. |     |                                    | Nr<br>Lac | ICP | Kg<br>Milk | Kg<br>Bfat                  | %<br>Bfat | Kg<br>Prot | %<br>Prot | Sire<br>Dam | Dam<br>Byear |  |
| Active Breed Average: |                        |            | 7.28          | 102               | 102 | 102 | 101  | 101   | 101 | 101 | 101 | 38                                                         | 5.2          | 0.06        | 2.7         | 0.02        | -4.0        | -0.7        | 103       |       |   |     |     |          |                           |         |             |     |                                    |           |     |            |                             |           |            |           |             |              |  |
|                       |                        |            |               |                   |     |     |      |       |     |     |     | Year of Birth : 2020                                       |              |             |             |             |             |             |           |       |   |     |     |          |                           |         |             |     |                                    |           |     |            |                             |           |            |           |             |              |  |
| 20059<br>93881431     |                        | ZRCD200059 | 5.78          |                   |     |     |      |       |     |     |     | -231<br>51                                                 | -8.3<br>93   | 0.06<br>36  | -9.0<br>103 | 0.00<br>43  | 8.4<br>94   | -7.3<br>103 | 105<br>27 | 3     | 1 | 2   | 382 | 5543     | 273                       | 4.9     | 197         | 3.6 |                                    |           |     |            | HEARTLAND PHAROAH APOLLO ET |           |            |           |             |              |  |
| 20060<br>93881449     |                        | ZRCD200060 | 5.78          |                   |     |     |      |       |     |     |     | -181<br>51                                                 | -19.8<br>95  | -0.18<br>41 | -7.2<br>94  | 0.00<br>46  | 15.0<br>103 | -8.2<br>78  | 98<br>15  | 5     | 3 | 2   | 398 | 5051     | 239                       | 4.7     | 181         | 3.6 |                                    |           |     |            | HEARTLAND PHAROAH APOLLO ET |           |            |           |             |              |  |
| 20062<br>93881456     |                        | ZRCD200062 | 5.78          |                   |     |     |      |       |     |     |     | -59<br>50                                                  | -14.4<br>99  | -0.20<br>43 | -5.4<br>93  | -0.05<br>44 | 7.6<br>98   | -10.1<br>86 | 106<br>15 | 4     | 3 | 3   | 440 | 4905     | 232                       | 4.7     | 175         | 3.6 |                                    |           |     |            | HEARTLAND PHAROAH APOLLO ET |           |            |           |             |              |  |
| 20063<br>93881464     |                        | ZRCD200063 | 5.78          |                   |     |     |      |       |     |     |     | -267<br>43                                                 | -25.8<br>92  | -0.21<br>32 | -13.2<br>92 | -0.05<br>36 | 2.7<br>98   | -5.9<br>13  | 90<br>90  | 5     | 4 | 2   | 401 | 4527     | 211                       | 4.7     | 161         | 3.6 | 4725                               |           |     |            |                             | 2014      |            |           |             |              |  |
| 20067<br>93881498     |                        | ZRCD200067 | 5.73          |                   |     |     |      |       |     |     |     | -8<br>52                                                   | -14.4<br>101 | -0.23<br>43 | -4.3<br>92  | -0.07<br>44 | 14.6<br>96  | -4.8<br>27  | 100<br>79 | 4     | 2 | 3   | 350 | 4478     | 209                       | 4.7     | 159         | 3.6 | ROMA MURMUR KINGPIN S3J ET<br>8008 |           |     |            |                             | 2018      |            |           |             |              |  |
| 20068<br>93881506     |                        | ZRCD200068 | 5.78          |                   |     |     |      |       |     |     |     | -217<br>51                                                 | -13.5<br>94  | -0.04<br>43 | -5.1<br>99  | 0.06<br>46  | 4.9<br>108  | -9.1<br>28  | 105<br>88 | 5     | 4 | 3   | 365 | 5645     | 267                       | 4.7     | 204         | 3.6 |                                    |           |     |            | HEARTLAND PHAROAH APOLLO ET |           |            |           |             |              |  |
| 20069<br>93881514     |                        | ZRCD200069 | 5.73          |                   |     |     |      |       |     |     |     | 166<br>57                                                  | -5.0<br>107  | -0.23<br>43 | -1.1<br>92  | -0.12<br>44 | 11.7<br>103 | 0.9<br>91   | 96<br>27  | 4     | 1 | 3   | 379 | 5093     | 241                       | 4.7     | 176         | 3.5 | ROMA MURMUR KINGPIN S3J ET<br>7438 |           |     |            |                             | 2017      |            |           |             |              |  |
| 20071<br>93881522     |                        | ZRCD200071 | 5.78          |                   |     |     |      |       |     |     |     | -409<br>51                                                 | -4.5<br>87   | 0.29<br>43  | -9.4<br>112 | 0.11<br>46  | 9.2<br>113  | -8.2<br>93  | 105<br>28 | 5     | 4 | 3   | 359 | 5292     | 282                       | 5.3     | 195         | 3.7 |                                    |           |     |            | HEARTLAND PHAROAH APOLLO ET |           |            |           |             |              |  |
| 20073<br>93881548     |                        | ZRCD200073 | 5.78          |                   |     |     |      |       |     |     |     | 189<br>51                                                  | 12.9<br>108  | 0.04<br>33  | 6.8<br>102  | -0.01<br>36 | 1.2<br>112  | -3.7<br>106 | 100<br>21 | 3     | 1 | 3   | 364 | 4922     | 220                       | 4.5     | 174         | 3.5 |                                    |           |     |            | PUKETAWA KING CARRICK JG ET |           |            |           |             |              |  |
| 20075<br>93881555     |                        | ZRCD200075 | 5.78          |                   |     |     |      |       |     |     |     | -182<br>41                                                 | -10.6<br>95  | -0.02<br>32 | -7.7<br>100 | -0.01<br>33 | -1.9<br>95  | -1.7<br>102 | 102<br>12 | 4     | 3 | 3   | 425 | 4650     | 238                       | 5.1     | 178         | 3.8 | 7033                               |           |     |            |                             | 2017      |            |           |             |              |  |
| 20077<br>93881571     |                        | ZRCD200077 | 5.78          |                   |     |     |      |       |     |     |     | -726<br>52                                                 | -50.5<br>76  | -0.23<br>41 | -33.7<br>92 | -0.10<br>42 | 2.7<br>93   | -13.0<br>27 | 106<br>90 | 3     | 1 | 3   | 343 | 2894     | 149                       | 5.2     | 108         | 3.7 |                                    |           |     |            | HEARTLAND PHAROAH APOLLO ET |           |            |           |             |              |  |
| 20080<br>93881597     |                        | ZRCD200080 | 5.78          |                   |     |     |      |       |     |     |     | 155<br>50                                                  | 11.1<br>107  | 0.03<br>43  | 10.6<br>102 | 0.07<br>44  | 3.5<br>116  | -1.6<br>109 | 104<br>28 | 4     | 3 | 3   | 445 | 6963     | 326                       | 4.7     | 251         | 3.6 |                                    |           |     |            | HEARTLAND PHAROAH APOLLO ET |           |            |           |             |              |  |
| 20081<br>93881605     |                        | ZRCD200081 | 5.78          |                   |     |     |      |       |     |     |     | -242<br>51                                                 | 12.8<br>93   | 0.43<br>43  | 1.6<br>118  | 0.19<br>44  | 2.4<br>106  | -5.0<br>120 | 100<br>28 | 4     | 4 | 3   | 362 | 5485     | 289                       | 5.3     | 208         | 3.8 |                                    |           |     |            | ROMA MURMUR KINGPIN S3J ET  |           |            |           |             |              |  |
| 20084<br>93881613     |                        | ZRCD200084 | 5.78          |                   |     |     |      |       |     |     |     | -628<br>51                                                 | -46.2<br>80  | -0.24<br>39 | -25.0<br>46 | -0.01<br>76 | 12.1<br>102 | -10.9<br>28 | 98<br>81  | 5     | 2 | 2   | 375 | 3794     | 185                       | 4.9     | 146         | 3.8 |                                    |           |     |            | HEARTLAND PHAROAH APOLLO ET |           |            |           |             |              |  |
| 20086<br>93881621     |                        | ZRCD200086 | 5.78          |                   |     |     |      |       |     |     |     | 356<br>51                                                  | -15.2<br>114 | -0.54<br>41 | -2.0<br>79  | -0.25<br>43 | -4.5<br>102 | -6.2<br>79  | 105<br>27 | 4     | 3 | 3   | 344 | 6711     | 298                       | 4.4     | 231         | 3.5 |                                    |           |     |            | HEARTLAND PHAROAH APOLLO ET |           |            |           |             |              |  |
| 20087<br>93881639     |                        | ZRCD200087 | 5.78          |                   |     |     |      |       |     |     |     | 29<br>52                                                   | -1.0<br>102  | -0.05<br>43 | 1.4<br>99   | 0.00<br>44  | 13.5<br>105 | -3.4<br>44  | 99<br>103 | 4     | 1 | 3   | 365 | 5197     | 256                       | 4.9     | 192         | 3.7 |                                    |           |     |            | ROMA MURMUR KINGPIN S3J ET  |           |            |           |             |              |  |
| 20089<br>93881647     |                        | ZRCD200089 | 5.78          |                   |     |     |      |       |     |     |     | -65<br>51                                                  | -2.6<br>99   | 0.01<br>43  | -1.8<br>101 | 0.01<br>46  | 24.9<br>102 | -3.9<br>28  | 92<br>68  | 5     | 4 | 3   | 369 | 5369     | 264                       | 4.9     | 200         | 3.7 |                                    |           |     |            | ROMA MURMUR KINGPIN S3J ET  |           |            |           |             |              |  |
| 20090<br>93881654     |                        | ZRCD200090 | 5.78          |                   |     |     |      |       |     |     |     | 391<br>51                                                  | 4.3<br>115   | -0.26<br>43 | 16.1<br>90  | 0.01<br>46  | 6.5<br>103  | 0.0<br>28   | 101<br>87 | 5     | 4 | 3   | 362 | 6542     | 294                       | 4.5     | 243         | 3.7 |                                    |           |     |            | ROMA MURMUR KINGPIN S3J ET  |           |            |           |             |              |  |
| 20092<br>93881670     |                        | ZRCD200092 | 5.78          |                   |     |     |      |       |     |     |     | 289<br>51                                                  | 11.1<br>111  | -0.07<br>41 | 16.1<br>98  | 0.08<br>46  | 33.7<br>110 | -0.2<br>27  | 101<br>60 | 5     | 3 | 3   | 358 | 6092     | 286                       | 4.7     | 224         | 3.7 |                                    |           |     |            | ROMA MURMUR KINGPIN S3J ET  |           |            |           |             |              |  |

# Cows

Animals sorted on farmersnumber within birth year

\*Inbreeding in red is high

Above breed average

Top 10% of the breed

Bottom 10% of the breed

G = Genomically enhanced EBV

| Cow                   |                        |            |               | Selection Indices |     |     |      |       |     |     |     | Breeding Values (EBV), Reliabilities (B) and Indices (Ind) |                |                 |                |                 |               |                   |                |                      |           |     |            |            | Average Production Values |            |           |                                     |              |  |  | Pedigree |  |  |
|-----------------------|------------------------|------------|---------------|-------------------|-----|-----|------|-------|-----|-----|-----|------------------------------------------------------------|----------------|-----------------|----------------|-----------------|---------------|-------------------|----------------|----------------------|-----------|-----|------------|------------|---------------------------|------------|-----------|-------------------------------------|--------------|--|--|----------|--|--|
| FarmNr<br>Regno       | Parent<br>Verification | Name       | % In-<br>brd* | SAI               | CYI | FMI | Body | Udder | F&L | BWC | EFI | Milk<br>B                                                  | Bfat<br>Ind    | Bfat%<br>B Ind  | Prot<br>B Ind  | Prot%<br>B Ind  | SCS<br>B Ind  | Calf Int<br>B Ind | HerdLif<br>B e | Tests/lact.<br>1 2 3 | Nr<br>Lac | ICP | Kg<br>Milk | Kg<br>Bfat | %<br>Bfat                 | Kg<br>Prot | %<br>Prot | Sire<br>Dam                         | Dam<br>Byear |  |  |          |  |  |
| Active Breed Average: |                        |            | 7.28          | 102               | 102 | 102 | 101  | 101   | 101 | 101 | 101 | 38                                                         | 5.2            | 0.06            | 2.7            | 0.02            | -4.0          | -0.7              | 103            |                      |           |     |            |            |                           |            |           |                                     |              |  |  |          |  |  |
|                       |                        |            |               |                   |     |     |      |       |     |     |     | Year of Birth : 2020                                       |                |                 |                |                 |               |                   |                |                      |           |     |            |            |                           |            |           |                                     |              |  |  |          |  |  |
| 20093<br>93881688     |                        | ZRCD200093 | 5.78          |                   |     |     |      |       |     |     |     | 297<br>53 112                                              | -2.8<br>43 101 | -0.30<br>43 89  | 7.7<br>47 113  | -0.06<br>47 97  | 30.6<br>28 63 | -3.0<br>15 105    | 100<br>19      | 5 4                  | 3         | 365 | 6229       | 279        | 4.5                       | 221        | 3.6       | ROMA MURMUR KINGPIN S3J ET          |              |  |  |          |  |  |
| 20096<br>93881704     |                        | ZRCD200096 | 5.65          |                   |     |     |      |       |     |     |     | -542<br>51 83                                              | -9.7<br>43 95  | 0.34<br>43 114  | -13.3<br>46 89 | 0.14<br>46 116  | -0.5<br>28 94 | -7.3<br>15 113    | 99<br>18       | 5 4                  | 3         | 369 | 5095       | 273        | 5.4                       | 193        | 3.8       | HEARTLAND PHAROAH APOLLO ET<br>5149 | 2015         |  |  |          |  |  |
| 20098<br>93881720     |                        | ZRCD200098 | 5.78          |                   |     |     |      |       |     |     |     | -357<br>51 89                                              | -3.9<br>42 100 | 0.26<br>42 111  | -7.2<br>46 96  | 0.12<br>46 114  | 12.7<br>26 81 | -6.0<br>12 111    | 101<br>15      | 5 4                  | 3         | 369 | 5046       | 261        | 5.2                       | 191        | 3.8       | PUKETAWA KING CARRICK JG ET         |              |  |  |          |  |  |
| 20102<br>93881753     |                        | ZRCD200102 | 5.78          |                   |     |     |      |       |     |     |     | 285<br>52 111                                              | 8.7<br>41 111  | -0.12<br>41 96  | 11.4<br>42 117 | 0.00<br>42 103  | -4.4<br>27 98 | -7.2<br>15 113    | 103<br>18      | 3 1                  | 3         | 351 | 6150       | 294        | 4.8                       | 226        | 3.7       | HEARTLAND PHAROAH APOLLO ET         |              |  |  |          |  |  |
| 20103<br>93881761     |                        | ZRCD200103 | 5.78          |                   |     |     |      |       |     |     |     | -191<br>51 95                                              | -25.3<br>43 81 | -0.27<br>43 90  | -15.1<br>44 87 | -0.13<br>44 90  | 8.0<br>28 85  | -10.1<br>15 119   | 98<br>18       | 3 4                  | 3         | 365 | 4850       | 228        | 4.7                       | 167        | 3.4       | HEARTLAND PHAROAH APOLLO ET         |              |  |  |          |  |  |
| 20105<br>93881787     |                        | ZRCD200105 | 5.78          |                   |     |     |      |       |     |     |     | -730<br>51 76                                              | -35.4<br>43 73 | 0.05<br>43 103  | -25.6<br>44 75 | 0.05<br>44 107  | 4.4<br>28 89  | -12.5<br>15 124   | 98<br>18       | 4 4                  | 2         | 338 | 3778       | 192        | 5.1                       | 145        | 3.8       | HEARTLAND PHAROAH APOLLO ET         |              |  |  |          |  |  |
| 20114<br>93882181     |                        | ZRCD200114 | 5.78          |                   |     |     |      |       |     |     |     | -45<br>51 100                                              | 2.4<br>43 105  | 0.07<br>43 104  | 1.1<br>46 105  | 0.05<br>46 107  | 20.5<br>27 73 | -4.2<br>15 107    | 100<br>18      | 5 4                  | 3         | 370 | 5442       | 273        | 5.0                       | 196        | 3.6       | ROMA MURMUR KINGPIN S3J ET          |              |  |  |          |  |  |
| 20115<br>93882199     |                        | ZRCD200115 | 5.78          |                   |     |     |      |       |     |     |     | 530<br>53 120                                              | -12.9<br>43 92 | -0.63<br>43 76  | 14.0<br>46 120 | -0.10<br>46 93  | 15.9<br>28 77 | -3.7<br>15 106    | 104<br>19      | 5 4                  | 3         | 364 | 7129       | 305        | 4.3                       | 265        | 3.7       | HEARTLAND PHAROAH APOLLO ET         |              |  |  |          |  |  |
| 20116<br>93882207     |                        | ZRCD200116 | 5.78          |                   |     |     |      |       |     |     |     | -603<br>51 81                                              | -32.9<br>43 75 | -0.02<br>43 100 | -26.0<br>44 75 | -0.04<br>44 99  | 0.8<br>27 92  | -12.1<br>15 123   | 106<br>18      | 2 4                  | 3         | 349 | 4708       | 230        | 4.9                       | 176        | 3.7       | HEARTLAND PHAROAH APOLLO ET         |              |  |  |          |  |  |
| 20120<br>93894319     |                        | ZRCD200120 | 5.78          |                   |     |     |      |       |     |     |     | -228<br>51 94                                              | -12.6<br>43 92 | -0.02<br>43 100 | -13.1<br>45 89 | -0.07<br>45 96  | 13.1<br>28 80 | -8.4<br>15 116    | 97<br>18       | 4 4                  | 2         | 363 | 5104       | 258        | 5.1                       | 179        | 3.5       | HEARTLAND PHAROAH APOLLO ET         |              |  |  |          |  |  |
| 20125<br>93882272     |                        | ZRCD200125 | 5.78          |                   |     |     |      |       |     |     |     | -608<br>51 80                                              | -20.3<br>43 86 | 0.21<br>43 109  | -18.0<br>45 84 | 0.10<br>45 112  | 15.3<br>28 78 | -12.3<br>15 123   | 106<br>18      | 4 4                  | 3         | 365 | 4906       | 245        | 5.0                       | 183        | 3.7       | HEARTLAND PHAROAH APOLLO ET         |              |  |  |          |  |  |
| 20130<br>93882280     |                        | ZRCD200130 | 5.78          |                   |     |     |      |       |     |     |     | 222<br>51 109                                              | -11.1<br>43 94 | -0.37<br>43 86  | 0.8<br>44 105  | -0.13<br>44 90  | 10.8<br>28 82 | -6.2<br>15 111    | 105<br>18      | 4 4                  | 3         | 344 | 6631       | 295        | 4.5                       | 230        | 3.5       | HEARTLAND PHAROAH APOLLO ET         |              |  |  |          |  |  |
| 20135<br>93882330     |                        | ZRCD200135 | 5.78          |                   |     |     |      |       |     |     |     | 22<br>51 102                                               | -14.0<br>43 91 | -0.26<br>43 90  | -5.3<br>45 98  | -0.10<br>45 93  | 6.1<br>28 87  | -6.0<br>15 111    | 105<br>18      | 4 4                  | 3         | 359 | 6215       | 287        | 4.6                       | 220        | 3.6       | HEARTLAND PHAROAH APOLLO ET         |              |  |  |          |  |  |
| 20138<br>93882363     |                        | ZRCD200138 | 5.78          |                   |     |     |      |       |     |     |     | -358<br>53 89                                              | -8.7<br>41 96  | 0.17<br>41 108  | -10.7<br>46 92 | 0.06<br>46 108  | 5.3<br>28 88  | -8.6<br>15 116    | 97<br>19       | 5 3                  | 2         | 417 | 5088       | 268        | 5.3                       | 187        | 3.7       | HEARTLAND PHAROAH APOLLO ET         |              |  |  |          |  |  |
| 20151<br>93882439     |                        | ZRCD200151 | 5.78          |                   |     |     |      |       |     |     |     | 1247<br>51 144                                             | 19.9<br>40 120 | -0.64<br>40 75  | 34.3<br>47 142 | -0.20<br>47 84  | 34.3<br>30 59 | 11.8<br>19 76     | 84<br>21       | 5 1                  | 2         | 580 | 7691       | 319        | 4.2                       | 264        | 3.4       | BROADLIN AUSSIEGOLD P ET            |              |  |  |          |  |  |
| 20152<br>93894335     |                        | ZRCD200152 | 5.73          |                   |     |     |      |       |     |     |     | -55<br>51 100                                              | -4.0<br>39 100 | -0.03<br>39 100 | -2.6<br>43 101 | -0.01<br>43 102 | 24.1<br>22 69 | -0.8<br>11 101    | 105<br>15      | 5 4                  | 3         | 366 | 5459       | 264        | 4.8                       | 195        | 3.6       | BROOKBORA VALENTINO ASKN ET<br>8169 | 2018         |  |  |          |  |  |
| 20153<br>93882421     |                        | ZRCD200153 | 5.78          |                   |     |     |      |       |     |     |     | -211<br>51 94                                              | -14.2<br>38 91 | -0.06<br>38 98  | -8.0<br>45 95  | 0.00<br>45 103  | 9.5<br>28 84  | -11.2<br>15 121   | 104<br>18      | 4 2                  | 2         | 352 | 4989       | 237        | 4.7                       | 180        | 3.6       | HEARTLAND PHAROAH APOLLO ET         |              |  |  |          |  |  |
| 20156<br>93882462     |                        | ZRCD200156 | 5.78          |                   |     |     |      |       |     |     |     | -224<br>51 94                                              | -8.6<br>41 96  | 0.05<br>41 103  | -5.9<br>46 97  | 0.05<br>46 107  | 11.2<br>27 82 | -4.5<br>15 108    | 91<br>19       | 5 3                  | 2         | 432 | 4523       | 230        | 5.1                       | 169        | 3.7       | ROMA MURMUR KINGPIN S3J ET          |              |  |  |          |  |  |
| 20158<br>93894343     |                        | ZRCD200158 | 4.80          |                   |     |     |      |       |     |     |     | 230<br>53 109                                              | -8.8<br>46 96  | -0.34<br>46 87  | 1.4<br>49 105  | -0.12<br>49 91  | 23.7<br>32 70 | -1.3<br>21 102    | 97<br>24       | 5 4                  | 2         | 397 | 5218       | 237        | 4.5                       | 181        | 3.5       | ROMA MURMUR KINGPIN S3J ET<br>8186  | 2018         |  |  |          |  |  |

# Cows

Animals sorted on farmersnumber within birth year

\*Inbreeding in red is high

Above breed average

Top 10% of the breed

Bottom 10% of the breed

G = Genomically enhanced EBV

| Cow                   |                        |            |               | Selection Indices |     |     |      |       |     |     |     | Breeding Values (EBV), Reliabilities (B) and Indices (Ind) |              |             |              |             |             |             |            |       |   |     |     |          | Average Production Values |         |             |     |                                      |           |     | Pedigree   |            |           |            |           |             |              |
|-----------------------|------------------------|------------|---------------|-------------------|-----|-----|------|-------|-----|-----|-----|------------------------------------------------------------|--------------|-------------|--------------|-------------|-------------|-------------|------------|-------|---|-----|-----|----------|---------------------------|---------|-------------|-----|--------------------------------------|-----------|-----|------------|------------|-----------|------------|-----------|-------------|--------------|
| FarmNr<br>Regno       | Parent<br>Verification | Name       | % In-<br>brd* | SAI               | CYI | FMI | Body | Udder | F&L | BWC | EFI | Milk                                                       |              | Bfat        |              | Bfat%       |             | Prot        |            | Prot% |   | SCS |     | Calf Int |                           | HerdLif | Tests/lact. |     |                                      | Nr<br>Lac | ICP | Kg<br>Milk | Kg<br>Bfat | %<br>Bfat | Kg<br>Prot | %<br>Prot | Sire<br>Dam | Dam<br>Byear |
| Active Breed Average: |                        |            | 7.28          | 102               | 102 | 102 | 101  | 101   | 101 | 101 | 101 | 38                                                         | 5.2          | 0.06        | 2.7          | 0.02        | -4.0        | -0.7        | 103        |       |   |     |     |          |                           |         |             |     |                                      |           |     |            |            |           |            |           |             |              |
|                       |                        |            |               |                   |     |     |      |       |     |     |     | Year of Birth : 2020                                       |              |             |              |             |             |             |            |       |   |     |     |          |                           |         |             |     |                                      |           |     |            |            |           |            |           |             |              |
| 20160<br>93882470     |                        | ZRCD200160 | 5.73          |                   |     |     |      |       |     |     |     | -187<br>52                                                 | -11.6<br>95  | -0.04<br>45 | -8.3<br>99   | -0.02<br>47 | 13.8<br>101 | -8.8<br>32  | 97<br>25   | 5     | 4 | 2   | 373 | 4571     | 220                       | 4.8     | 164         | 3.6 | STEINHAUERS SAMSON LEMONHEAD<br>8024 |           |     |            | 2018       |           |            |           |             |              |
| 20165<br>93882504     |                        | ZRCD200165 | 5.78          |                   |     |     |      |       |     |     |     | -143<br>51                                                 | -1.6<br>96   | 0.09<br>41  | -2.3<br>104  | 0.05<br>46  | 4.9<br>107  | -5.3<br>46  | 92<br>107  | 5     | 3 | 3   | 370 | 4459     | 229                       | 5.2     | 164         | 3.7 | ROMA MURMUR KINGPIN S3J ET           |           |     |            |            |           |            |           |             |              |
| 20172<br>93882546     |                        | ZRCD200172 | 5.78          |                   |     |     |      |       |     |     |     | 870<br>52                                                  | -2.5<br>131  | -0.71<br>42 | 10.7<br>73   | -0.34<br>46 | 0.8<br>116  | -4.0<br>46  | 96<br>71   | 4     | 3 | 3   | 358 | 7086     | 283                       | 4.0     | 225         | 3.2 | STEINHAUERS SAMSON LEMONHEAD         |           |     |            |            |           |            |           |             |              |
| 20173<br>93882553     |                        | ZRCD200173 | 5.78          |                   |     |     |      |       |     |     |     | -340<br>52                                                 | -3.3<br>90   | 0.25<br>45  | -11.1<br>111 | 0.04<br>47  | -1.4<br>106 | -10.2<br>32 | 104<br>95  | 5     | 4 | 3   | 362 | 5179     | 263                       | 5.1     | 186         | 3.6 | STEINHAUERS SAMSON LEMONHEAD         |           |     |            |            |           |            |           |             |              |
| 20174<br>93882561     |                        | ZRCD200174 | 5.78          |                   |     |     |      |       |     |     |     | 405<br>51                                                  | 7.5<br>115   | -0.22<br>41 | 8.9<br>92    | -0.11<br>46 | 13.6<br>114 | 0.2<br>46   | 99<br>92   | 5     | 3 | 3   | 364 | 6475     | 302                       | 4.7     | 230         | 3.6 | ROMA MURMUR KINGPIN S3J ET           |           |     |            |            |           |            |           |             |              |
| 20175<br>93882579     |                        | ZRCD200175 | 5.78          |                   |     |     |      |       |     |     |     | 101<br>52                                                  | 9.2<br>105   | 0.05<br>38  | 3.0<br>111   | -0.02<br>38 | 9.9<br>103  | -8.2<br>45  | 103<br>107 | 4     | 2 | 2   | 327 | 4989     | 253                       | 5.1     | 178         | 3.6 | STEINHAUERS SAMSON LEMONHEAD         |           |     |            |            |           |            |           |             |              |
| 20179<br>93894384     |                        | ZRCD200179 | 5.78          |                   |     |     |      |       |     |     |     | -279<br>52                                                 | -2.7<br>92   | 0.20<br>42  | -9.2<br>109  | 0.03<br>47  | 5.6<br>94   | -9.8<br>47  | 96<br>105  | 5     | 3 | 2   | 387 | 5023     | 243                       | 4.8     | 182         | 3.6 | STEINHAUERS SAMSON LEMONHEAD         |           |     |            |            |           |            |           |             |              |
| 20180<br>93882603     |                        | ZRCD200180 | 5.78          |                   |     |     |      |       |     |     |     | 108<br>52                                                  | 12.5<br>105  | 0.10<br>39  | 6.1<br>114   | 0.03<br>39  | -8.8<br>105 | -8.1<br>31  | 103<br>102 | 4     | 1 | 2   | 372 | 5523     | 272                       | 4.9     | 203         | 3.7 | STEINHAUERS SAMSON LEMONHEAD         |           |     |            |            |           |            |           |             |              |
| 20181<br>93882611     |                        | ZRCD200181 | 5.78          |                   |     |     |      |       |     |     |     | 92<br>51                                                   | -0.9<br>105  | -0.11<br>37 | 0.4<br>104   | -0.05<br>43 | 2.6<br>98   | -7.5<br>43  | 103<br>104 | 3     | 2 | 2   | 375 | 6030     | 288                       | 4.8     | 202         | 3.4 | HEARTLAND PHAROAH APOLLO ET          |           |     |            |            |           |            |           |             |              |
| 20185<br>93894392     |                        | ZRCD200185 | 5.73          |                   |     |     |      |       |     |     |     | -591<br>52                                                 | -27.0<br>81  | 0.07<br>42  | -17.7<br>104 | 0.10<br>47  | 8.9<br>84   | -11.0<br>47 | 97<br>112  | 5     | 3 | 2   | 380 | 3694     | 191                       | 5.2     | 154         | 4.2 | STEINHAUERS SAMSON LEMONHEAD<br>8180 |           |     |            | 2018       |           |            |           |             |              |
| 20187<br>93882652     |                        | ZRCD200187 | 5.78          |                   |     |     |      |       |     |     |     | -94<br>52                                                  | -2.0<br>98   | 0.04<br>45  | -7.1<br>101  | -0.06<br>46 | -0.5<br>97  | -10.4<br>31 | 97<br>94   | 4     | 4 | 2   | 353 | 4737     | 238                       | 5.0     | 165         | 3.5 | STEINHAUERS SAMSON LEMONHEAD         |           |     |            |            |           |            |           |             |              |
| 20188<br>93882660     |                        | ZRCD200188 | 5.78          |                   |     |     |      |       |     |     |     | 47<br>51                                                   | -15.2<br>103 | -0.30<br>43 | -1.5<br>89   | -0.05<br>46 | 11.1<br>102 | -5.9<br>46  | 104<br>98  | 5     | 4 | 3   | 360 | 5786     | 262                       | 4.5     | 205         | 3.5 | HEARTLAND PHAROAH APOLLO ET          |           |     |            |            |           |            |           |             |              |
| 20197<br>93882710     |                        | ZRCD200197 | 5.78          |                   |     |     |      |       |     |     |     | -125<br>51                                                 | -13.2<br>97  | -0.11<br>43 | -9.8<br>96   | -0.08<br>46 | 20.3<br>95  | -3.1<br>28  | 91<br>73   | 5     | 4 | 2   | 349 | 4441     | 218                       | 4.9     | 153         | 3.5 | ROMA MURMUR KINGPIN S3J ET           |           |     |            |            |           |            |           |             |              |
| 20198<br>93894400     |                        | ZRCD200198 | 5.73          |                   |     |     |      |       |     |     |     | 356<br>51                                                  | -6.1<br>114  | -0.40<br>43 | 5.6<br>85    | -0.13<br>46 | 8.9<br>90   | -3.5<br>28  | 96<br>106  | 5     | 4 | 3   | 360 | 6040     | 273                       | 4.5     | 211         | 3.5 | HEARTLAND PHAROAH APOLLO ET<br>8131  |           |     |            | 2018       |           |            |           |             |              |
| 20199<br>93882728     |                        | ZRCD200199 | 5.78          |                   |     |     |      |       |     |     |     | -73<br>51                                                  | -0.7<br>99   | 0.04<br>39  | 0.1<br>102   | 0.05<br>46  | 18.2<br>104 | -6.3<br>46  | 96<br>107  | 5     | 2 | 2   | 420 | 5522     | 279                       | 5.1     | 207         | 3.8 | HEARTLAND PHAROAH APOLLO ET          |           |     |            |            |           |            |           |             |              |
| 20203<br>93882744     |                        | ZRCD200203 | 5.78          |                   |     |     |      |       |     |     |     | -171<br>51                                                 | -20.7<br>96  | -0.20<br>43 | -8.5<br>93   | -0.03<br>45 | 11.7<br>94  | -7.3<br>45  | 104<br>100 | 4     | 4 | 3   | 370 | 5304     | 252                       | 4.8     | 192         | 3.6 | HEARTLAND PHAROAH APOLLO ET          |           |     |            |            |           |            |           |             |              |
| 20204<br>93882751     |                        | ZRCD200204 | 5.78          |                   |     |     |      |       |     |     |     | 14<br>51                                                   | -18.1<br>102 | -0.32<br>37 | -6.5<br>88   | -0.12<br>43 | 39.4<br>91  | -4.9<br>25  | 99<br>54   | 3     | 2 | 2   | 375 | 5205     | 212                       | 4.1     | 174         | 3.3 | ROMA MURMUR KINGPIN S3J ET           |           |     |            |            |           |            |           |             |              |
| 20210<br>93894426     |                        | ZRCD200210 | 5.78          |                   |     |     |      |       |     |     |     | -764<br>51                                                 | -38.9<br>75  | 0.02<br>43  | -28.6<br>102 | 0.02<br>46  | 4.2<br>104  | -14.0<br>28 | 107<br>89  | 5     | 4 | 3   | 351 | 4162     | 209                       | 5.0     | 150         | 3.6 | HEARTLAND PHAROAH APOLLO ET          |           |     |            |            |           |            |           |             |              |
| 20215<br>93882801     |                        | ZRCD200215 | 5.78          |                   |     |     |      |       |     |     |     | -532<br>51                                                 | -14.2<br>83  | 0.24<br>35  | -14.1<br>110 | 0.12<br>42  | -3.4<br>88  | -10.5<br>42 | 104<br>114 | 3     | 1 | 2   | 352 | 4368     | 240                       | 5.5     | 167         | 3.8 | HEARTLAND PHAROAH APOLLO ET          |           |     |            |            |           |            |           |             |              |

# Cows

Animals sorted on farmersnumber within birth year

\*Inbreeding in red is high

Above breed average

Top 10% of the breed

Bottom 10% of the breed

G = Genomically enhanced EBV

| Cow                   |                        |            |               | Selection Indices |     |     |      |       |     |     |     | Breeding Values (EBV), Reliabilities (B) and Indices (Ind) |                |                 |                |                 |               |                |           |       |   |     |      |          | Average Production Values |         |     |                                     |  |  |           | Pedigree |            |            |           |            |           |             |              |  |
|-----------------------|------------------------|------------|---------------|-------------------|-----|-----|------|-------|-----|-----|-----|------------------------------------------------------------|----------------|-----------------|----------------|-----------------|---------------|----------------|-----------|-------|---|-----|------|----------|---------------------------|---------|-----|-------------------------------------|--|--|-----------|----------|------------|------------|-----------|------------|-----------|-------------|--------------|--|
| FarmNr<br>Regno       | Parent<br>Verification | Name       | % In-<br>brd* | SAI               | CYI | FMI | Body | Udder | F&L | BWC | EFI | Milk                                                       |                | Bfat            |                | Bfat%           |               | Prot           |           | Prot% |   | SCS |      | Calf Int |                           | HerdLif |     | Tests/lact.                         |  |  | Nr<br>Lac | ICP      | Kg<br>Milk | Kg<br>Bfat | %<br>Bfat | Kg<br>Prot | %<br>Prot | Sire<br>Dam | Dam<br>Byear |  |
| Active Breed Average: |                        |            | 7.28          | 102               | 102 | 102 | 101  | 101   | 101 | 101 | 101 | 38                                                         | 5.2            | 0.06            | 2.7            | 0.02            | -4.0          | -0.7           | 103       |       |   |     |      |          |                           |         |     |                                     |  |  |           |          |            |            |           |            |           |             |              |  |
|                       |                        |            |               |                   |     |     |      |       |     |     |     | Year of Birth : 2020                                       |                |                 |                |                 |               |                |           |       |   |     |      |          |                           |         |     |                                     |  |  |           |          |            |            |           |            |           |             |              |  |
| 20220<br>93882835     |                        | ZRCD200220 | 5.78          |                   |     |     |      |       |     |     |     | 75<br>51 104                                               | 2.1<br>43 105  | -0.04<br>43 99  | 6.4<br>46 111  | 0.05<br>46 107  | 29.3<br>27 64 | -4.8<br>15 109 | 92<br>18  | 5 4   | 3 | 375 | 5009 | 244      | 4.9                       | 191     | 3.8 | ROMA MURMUR KINGPIN S3J ET          |  |  |           |          |            |            |           |            |           |             |              |  |
| 20231<br>93882900     |                        | ZRCD200231 | 5.78          |                   |     |     |      |       |     |     |     | 304<br>51 112                                              | -3.1<br>43 100 | -0.31<br>43 88  | 11.5<br>46 117 | -0.01<br>46 102 | 6.4<br>28 87  | -1.5<br>15 102 | 99<br>18  | 5 4   | 3 | 372 | 6071 | 270      | 4.5                       | 222     | 3.7 | ROMA MURMUR KINGPIN S3J ET          |  |  |           |          |            |            |           |            |           |             |              |  |
| 20234<br>93895076     |                        | ZRCD200234 | 5.78          |                   |     |     |      |       |     |     |     | 53<br>52 103                                               | 2.7<br>45 105  | -0.01<br>45 100 | 1.5<br>46 106  | -0.01<br>46 102 | 6.1<br>31 87  | -9.3<br>23 117 | 104<br>25 | 4 4   | 3 | 334 | 5865 | 286      | 4.9                       | 215     | 3.7 | STEINHAUERS SAMSON LEMONHEAD        |  |  |           |          |            |            |           |            |           |             |              |  |
| 20237<br>93882942     |                        | ZRCD200237 | 5.78          |                   |     |     |      |       |     |     |     | 62<br>51 104                                               | -11.1<br>35 94 | -0.24<br>35 91  | -2.7<br>43 101 | -0.08<br>43 95  | 10.4<br>25 83 | -4.3<br>15 108 | 99<br>18  | 3 1   | 2 | 397 | 4900 | 216      | 4.4                       | 171     | 3.5 | ROMA MURMUR KINGPIN S3J ET          |  |  |           |          |            |            |           |            |           |             |              |  |
| 20238<br>93882959     |                        | ZRCD200238 | 5.49          |                   |     |     |      |       |     |     |     | 504<br>49 119                                              | 6.3<br>36 108  | -0.32<br>36 88  | 4.6<br>44 109  | -0.23<br>44 81  | 6.4<br>22 87  | 3.9<br>11 92   | 98<br>14  | 6 1   | 2 | 543 | 7036 | 305      | 4.3                       | 227     | 3.2 | BROOKBORA VALENTINO ASKN ET<br>4452 |  |  | 2014      |          |            |            |           |            |           |             |              |  |
| 20247<br>93882991     |                        | ZRCD200247 | 5.78          |                   |     |     |      |       |     |     |     | -66<br>51 99                                               | 7.7<br>43 110  | 0.17<br>43 108  | -1.9<br>45 102 | 0.01<br>45 103  | 0.8<br>28 92  | -7.1<br>15 113 | 96<br>18  | 4 4   | 3 | 358 | 5430 | 295      | 5.4                       | 202     | 3.7 | HEARTLAND PHAROAH APOLLO ET         |  |  |           |          |            |            |           |            |           |             |              |  |
| 20250<br>93883015     |                        | ZRCD200250 | 5.78          |                   |     |     |      |       |     |     |     | -183<br>49 95                                              | -2.6<br>39 101 | 0.11<br>39 105  | -7.8<br>43 95  | -0.01<br>43 102 | 13.1<br>22 80 | -6.0<br>11 111 | 107<br>14 | 5 4   | 3 | 368 | 5624 | 278      | 5.0                       | 202     | 3.6 | BROOKBORA VALENTINO ASKN ET         |  |  |           |          |            |            |           |            |           |             |              |  |
| 20256<br>93881944     |                        | ZRCD200256 | 5.78          |                   |     |     |      |       |     |     |     | 113<br>49 105                                              | 9.3<br>31 111  | 0.04<br>31 102  | 7.4<br>40 112  | 0.05<br>40 107  | 21.4<br>20 72 | -1.1<br>11 101 | 105<br>14 | 3 1   | 2 | 386 | 5906 | 282      | 4.8                       | 218     | 3.7 | BROOKBORA VALENTINO ASKN ET         |  |  |           |          |            |            |           |            |           |             |              |  |
| 20260<br>93883049     |                        | ZRCD200260 | 5.78          |                   |     |     |      |       |     |     |     | -437<br>48 86                                              | -11.8<br>36 93 | 0.19<br>36 108  | -14.6<br>43 87 | 0.04<br>43 106  | 16.1<br>22 77 | -8.2<br>11 115 | 108<br>15 | 5 3   | 3 | 360 | 4711 | 234      | 5.0                       | 168     | 3.6 | BROOKBORA VALENTINO ASKN ET         |  |  |           |          |            |            |           |            |           |             |              |  |
| 20261<br>93883056     |                        | ZRCD200261 | 5.78          |                   |     |     |      |       |     |     |     | 500<br>52 119                                              | -9.6<br>45 95  | -0.55<br>45 79  | 5.4<br>46 110  | -0.21<br>46 83  | 4.3<br>31 89  | -3.6<br>23 106 | 104<br>25 | 4 4   | 3 | 359 | 6544 | 278      | 4.2                       | 231     | 3.5 | STEINHAUERS SAMSON LEMONHEAD        |  |  |           |          |            |            |           |            |           |             |              |  |
| 20266<br>93883072     |                        | ZRCD200266 | 5.78          |                   |     |     |      |       |     |     |     | 36<br>51 103                                               | 9.0<br>44 111  | 0.11<br>44 105  | 5.1<br>46 110  | 0.06<br>46 108  | 16.6<br>30 77 | 0.6<br>19 98   | 86<br>21  | 4 4   | 3 | 368 | 5631 | 284      | 5.0                       | 206     | 3.7 | BROADLIN AUSSIEGOLD P ET            |  |  |           |          |            |            |           |            |           |             |              |  |
| 20268<br>93883098     |                        | ZRCD200268 | 5.78          |                   |     |     |      |       |     |     |     | -380<br>51 88                                              | -9.8<br>43 95  | 0.18<br>43 108  | -12.5<br>44 90 | 0.04<br>44 106  | 7.2<br>28 86  | -6.2<br>15 111 | 100<br>18 | 4 4   | 3 | 355 | 4581 | 241      | 5.3                       | 171     | 3.7 | ROMA MURMUR KINGPIN S3J ET          |  |  |           |          |            |            |           |            |           |             |              |  |
| 20269<br>93883106     |                        | ZRCD200269 | 5.78          |                   |     |     |      |       |     |     |     | 250<br>53 110                                              | 7.0<br>43 109  | -0.11<br>43 96  | 7.2<br>46 112  | -0.04<br>46 99  | 19.7<br>27 74 | -3.1<br>15 105 | 99<br>19  | 5 4   | 3 | 355 | 6232 | 292      | 4.7                       | 223     | 3.6 | ROMA MURMUR KINGPIN S3J ET          |  |  |           |          |            |            |           |            |           |             |              |  |
| 20273<br>93883122     |                        | ZRCD200273 | 5.78          |                   |     |     |      |       |     |     |     | 156<br>51 107                                              | 11.9<br>37 113 | 0.05<br>37 103  | 6.3<br>44 111  | 0.00<br>44 103  | 13.1<br>26 80 | -2.8<br>15 105 | 98<br>18  | 4 1   | 2 | 391 | 4975 | 287      | 5.8                       | 194     | 3.9 | ROMA MURMUR KINGPIN S3J ET          |  |  |           |          |            |            |           |            |           |             |              |  |
| 20277<br>93883155     |                        | ZRCD200277 | 5.78          |                   |     |     |      |       |     |     |     | -43<br>49 100                                              | 7.1<br>33 109  | 0.14<br>33 106  | 0.2<br>41 104  | 0.03<br>41 105  | -4.5<br>21 98 | -4.3<br>11 108 | 105<br>14 | 4 2   | 2 | 353 | 4982 | 270      | 5.4                       | 179     | 3.6 | BROOKBORA VALENTINO ASKN ET         |  |  |           |          |            |            |           |            |           |             |              |  |
| 20278<br>93881977     |                        | ZRCD200278 | 5.78          |                   |     |     |      |       |     |     |     | 24<br>49 102                                               | -4.3<br>33 99  | -0.10<br>33 97  | 2.9<br>41 107  | 0.03<br>41 105  | 14.2<br>21 79 | -4.8<br>11 108 | 106<br>14 | 4 1   | 2 | 402 | 4461 | 206      | 4.6                       | 165     | 3.7 | BROOKBORA VALENTINO ASKN ET         |  |  |           |          |            |            |           |            |           |             |              |  |
| 20280<br>93883163     |                        | ZRCD200280 | 5.78          |                   |     |     |      |       |     |     |     | 185<br>49 108                                              | 5.5<br>36 108  | -0.08<br>36 98  | 4.1<br>43 108  | -0.05<br>43 98  | 28.9<br>22 64 | -3.2<br>11 105 | 99<br>14  | 5 3   | 2 | 430 | 5590 | 266      | 4.8                       | 195     | 3.5 | BROOKBORA VALENTINO ASKN ET         |  |  |           |          |            |            |           |            |           |             |              |  |
| 20288<br>93883221     |                        | ZRCD200288 | 5.78          |                   |     |     |      |       |     |     |     | 404<br>49 115                                              | 6.8<br>31 109  | -0.24<br>31 91  | 12.9<br>40 118 | -0.05<br>40 98  | 14.2<br>20 79 | 2.7<br>11 94   | 97<br>14  | 3     | 2 | 556 | 5572 | 250      | 4.5                       | 206     | 3.7 | BROOKBORA VALENTINO ASKN ET         |  |  |           |          |            |            |           |            |           |             |              |  |
| 20291<br>93883254     |                        | ZRCD200291 | 5.82          |                   |     |     |      |       |     |     |     | 588<br>49 122                                              | 27.6<br>40 127 | -0.07<br>40 98  | 26.1<br>43 133 | 0.04<br>43 106  | -3.1<br>22 96 | 3.2<br>11 93   | 106<br>14 | 5 4   | 3 | 362 | 6959 | 329      | 4.7                       | 253     | 3.6 | BROOKBORA VALENTINO ASKN ET<br>7282 |  |  | 2017      |          |            |            |           |            |           |             |              |  |

# Cows

Animals sorted on farmersnumber within birth year

\*Inbreeding in red is high

Above breed average

Top 10% of the breed

Bottom 10% of the breed

G = Genomically enhanced EBV

| Cow                   |                        |            |               | Selection Indices |     |     |      |       |     |     |     | Breeding Values (EBV), Reliabilities (B) and Indices (Ind) |             |                |               |                |              |                   |                |                      |           |     |            |            | Average Production Values |            |           |                                      |              |  |  | Pedigree |  |  |
|-----------------------|------------------------|------------|---------------|-------------------|-----|-----|------|-------|-----|-----|-----|------------------------------------------------------------|-------------|----------------|---------------|----------------|--------------|-------------------|----------------|----------------------|-----------|-----|------------|------------|---------------------------|------------|-----------|--------------------------------------|--------------|--|--|----------|--|--|
| FarmNr<br>Regno       | Parent<br>Verification | Name       | % In-<br>brd* | SAI               | CYI | FMI | Body | Udder | F&L | BWC | EFI | Milk<br>B                                                  | Bfat<br>Ind | Bfat%<br>B Ind | Prot<br>B Ind | Prot%<br>B Ind | SCS<br>B Ind | Calf Int<br>B Ind | HerdLif<br>B ° | Tests/lact.<br>1 2 3 | Nr<br>Lac | ICP | Kg<br>Milk | Kg<br>Bfat | %<br>Bfat                 | Kg<br>Prot | %<br>Prot | Sire<br>Dam                          | Dam<br>Byear |  |  |          |  |  |
| Active Breed Average: |                        |            | 7.28          | 102               | 102 | 102 | 101  | 101   | 101 | 101 | 101 | 38                                                         | 5.2         | 0.06           | 2.7           | 0.02           | -4.0         | -0.7              | 103            |                      |           |     |            |            |                           |            |           |                                      |              |  |  |          |  |  |
|                       |                        |            |               |                   |     |     |      |       |     |     |     | Year of Birth : 2020                                       |             |                |               |                |              |                   |                |                      |           |     |            |            |                           |            |           |                                      |              |  |  |          |  |  |
| 20293<br>93881845     |                        | ZRCD200293 | 5.78          |                   |     |     |      |       |     |     |     | 609<br>51                                                  | 7.2<br>122  | -0.39<br>43    | 14.6<br>85    | -0.14<br>46    | 21.4<br>120  | -5.2<br>46        | 96<br>18       | 5 4                  | 2         | 371 | 7224       | 314        | 4.4                       | 245        | 3.4       | HEARTLAND PHAROAH APOLLO ET          |              |  |  |          |  |  |
| 20298<br>93881860     |                        | ZRCD200298 | 5.78          |                   |     |     |      |       |     |     |     | -6<br>51                                                   | 2.0<br>101  | 0.03<br>42     | 0.5<br>102    | 0.01<br>43     | -7.3<br>103  | -8.3<br>30        | 96<br>100      | 3                    | 2         | 480 | 4854       | 241        | 5.0                       | 175        | 3.6       | STEINHAUERS SAMSON LEMONHEAD         |              |  |  |          |  |  |
| 20302<br>93881886     |                        | ZRCD200302 | 5.78          |                   |     |     |      |       |     |     |     | -215<br>49                                                 | -11.0<br>94 | 0.00<br>36     | -8.8<br>101   | -0.01<br>43    | 16.2<br>94   | -5.1<br>43        | 107<br>102     | 5 3                  | 3         | 361 | 5301       | 249        | 4.7                       | 194        | 3.7       | BROOKBORA VALENTINO ASKN ET          |              |  |  |          |  |  |
| 20315<br>93881969     |                        | ZRCD200315 | 5.78          |                   |     |     |      |       |     |     |     | 596<br>51                                                  | 11.0<br>122 | -0.32<br>42    | 14.7<br>88    | -0.13<br>47    | 4.6<br>120   | 5.9<br>90         | 78<br>88       | 5 3                  | 2         | 437 | 6482       | 295        | 4.6                       | 219        | 3.4       | BROADLIN AUSSIEGOLD P ET             |              |  |  |          |  |  |
| 20322<br>93882033     |                        | ZRCD200322 | 5.78          |                   |     |     |      |       |     |     |     | 210<br>52                                                  | -4.9<br>109 | -0.27<br>42    | 3.4<br>90     | -0.08<br>47    | 15.7<br>32   | -10.5<br>78       | 97<br>23       | 5 3                  | 3         | 372 | 5424       | 245        | 4.5                       | 200        | 3.7       | STEINHAUERS SAMSON LEMONHEAD         |              |  |  |          |  |  |
| 20325<br>93882058     |                        | ZRCD200325 | 5.78          |                   |     |     |      |       |     |     |     | 100<br>49                                                  | 9.7<br>105  | 0.06<br>39     | 9.7<br>103    | 0.09<br>43     | 20.7<br>115  | -0.5<br>43        | 97<br>11       | 5 4                  | 2         | 379 | 5595       | 279        | 5.0                       | 213        | 3.8       | BROOKBORA VALENTINO ASKN ET          |              |  |  |          |  |  |
| 20328<br>93895084     |                        | ZRCD200328 | 5.73          |                   |     |     |      |       |     |     |     | -135<br>52                                                 | -17.0<br>97 | -0.17<br>43    | -8.9<br>94    | -0.06<br>46    | 11.1<br>97   | -5.9<br>27        | 92<br>82       | 4 4                  | 3         | 357 | 3846       | 186        | 4.8                       | 139        | 3.6       | ROMA MURMUR KINGPIN S3J ET<br>8238   | 2018         |  |  |          |  |  |
| 20333<br>93882082     |                        | ZRCD200333 | 5.78          |                   |     |     |      |       |     |     |     | -354<br>51                                                 | -1.3<br>89  | 0.30<br>44     | -5.3<br>102   | 0.15<br>47     | 13.7<br>117  | -2.5<br>30        | 78<br>80       | 5 4                  | 2         | 352 | 4407       | 239        | 5.4                       | 173        | 3.9       | BROADLIN AUSSIEGOLD P ET             |              |  |  |          |  |  |
| 20337<br>93882108     |                        | ZRCD200337 | 5.78          |                   |     |     |      |       |     |     |     | 66<br>52                                                   | -2.2<br>104 | -0.10<br>38    | 0.4<br>101    | -0.04<br>38    | -6.3<br>97   | -9.0<br>44        | 103<br>104     | 3 1                  | 2         | 386 | 5267       | 245        | 4.7                       | 188        | 3.6       | STEINHAUERS SAMSON LEMONHEAD         |              |  |  |          |  |  |
| 20338<br>93882116     |                        | ZRCD200338 | 5.78          |                   |     |     |      |       |     |     |     | 259<br>51                                                  | 8.8<br>110  | -0.09<br>41    | 1.4<br>97     | -0.14<br>46    | 13.5<br>105  | -4.4<br>46        | 100<br>89      | 5 3                  | 3         | 365 | 6383       | 300        | 4.7                       | 215        | 3.4       | ROMA MURMUR KINGPIN S3J ET           |              |  |  |          |  |  |
| 20339<br>93882124     |                        | ZRCD200339 | 5.78          |                   |     |     |      |       |     |     |     | 376<br>52                                                  | -1.1<br>114 | -0.34<br>38    | 6.3<br>102    | -0.13<br>87    | 11.0<br>42   | -6.4<br>90        | 103<br>29      | 2 2                  | 2         | 365 | 6191       | 262        | 4.2                       | 216        | 3.5       | STEINHAUERS SAMSON LEMONHEAD         |              |  |  |          |  |  |
| 20340<br>93895878     |                        | ZRCD200340 | 5.78          |                   |     |     |      |       |     |     |     | 136<br>49                                                  | -4.5<br>106 | -0.20<br>36    | 0.4<br>99     | -0.08<br>36    | 12.9<br>93   | -8.9<br>38        | 107<br>104     | 3 1                  | 3         | 325 | 4759       | 228        | 4.8                       | 172        | 3.6       | BROOKBORA VALENTINO ASKN ET          |              |  |  |          |  |  |
| 20341<br>93894277     |                        | ZRCD200341 | 5.73          |                   |     |     |      |       |     |     |     | -145<br>52                                                 | -4.3<br>96  | 0.05<br>38     | -6.4<br>103   | -0.01<br>44    | -5.0<br>102  | -9.5<br>30        | 104<br>98      | 3 1                  | 2         | 386 | 4956       | 230        | 4.6                       | 170        | 3.4       | STEINHAUERS SAMSON LEMONHEAD<br>8128 | 2018         |  |  |          |  |  |
| 20344<br>93882132     |                        | ZRCD200344 | 5.78          |                   |     |     |      |       |     |     |     | -26<br>51                                                  | -1.6<br>101 | -0.01<br>43    | -3.7<br>100   | -0.05<br>44    | 6.0<br>98    | -4.9<br>27        | 100<br>87      | 4 4                  | 3         | 357 | 5494       | 267        | 4.9                       | 193        | 3.5       | ROMA MURMUR KINGPIN S3J ET           |              |  |  |          |  |  |
| 20347<br>93882157     |                        | ZRCD200347 | 5.78          |                   |     |     |      |       |     |     |     | 397<br>54                                                  | 13.7<br>115 | -0.12<br>44    | 11.3<br>96    | -0.07<br>45    | -7.0<br>96   | -11.2<br>31       | 104<br>100     | 4 2                  | 3         | 349 | 5618       | 263        | 4.7                       | 199        | 3.6       | STEINHAUERS SAMSON LEMONHEAD         |              |  |  |          |  |  |
| 20348<br>93882165     |                        | ZRCD200348 | 5.65          |                   |     |     |      |       |     |     |     | 477<br>51                                                  | 4.3<br>118  | -0.33<br>38    | 9.6<br>107    | -0.14<br>38    | 13.9<br>88   | 1.1<br>43         | 95<br>115      | 3 2                  | 2         | 366 | 6493       | 275        | 4.2                       | 217        | 3.4       | ROMA MURMUR KINGPIN S3J ET<br>5097   | 2015         |  |  |          |  |  |
| 20349<br>93894293     |                        | ZRCD200349 | 5.78          |                   |     |     |      |       |     |     |     | -80<br>51                                                  | -2.7<br>99  | 0.02<br>41     | -4.6<br>101   | -0.02<br>41    | 7.6<br>102   | -4.0<br>46        | 91<br>99       | 5 3                  | 3         | 370 | 4858       | 243        | 5.0                       | 171        | 3.5       | ROMA MURMUR KINGPIN S3J ET           |              |  |  |          |  |  |
| 20354<br>93885804     |                        | ZRCD200354 | 5.73          |                   |     |     |      |       |     |     |     | 1046<br>51                                                 | 28.7<br>138 | -0.39<br>43    | 34.6<br>85    | -0.09<br>46    | 2.7<br>46    | 4.6<br>28         | 91<br>90       | 5 4                  | 2         | 346 | 7486       | 335        | 4.5                       | 268        | 3.6       | ROMA MURMUR KINGPIN S3J ET<br>8089   | 2018         |  |  |          |  |  |
| 20355<br>93885812     |                        | ZRCD200355 | 5.78          |                   |     |     |      |       |     |     |     | -662<br>51                                                 | -27.8<br>79 | 0.13<br>41     | -26.0<br>106  | 0.00<br>46     | 25.2<br>46   | -8.9<br>103       | 103<br>27      | 5 3                  | 3         | 365 | 4030       | 202        | 5.0                       | 140        | 3.5       | ROMA MURMUR KINGPIN S3J ET           |              |  |  |          |  |  |

# Cows

Animals sorted on farmersnumber within birth year

\*Inbreeding in red is high

Above breed average

Top 10% of the breed

Bottom 10% of the breed

G = Genomically enhanced EBV

| Cow                   |                        |            |               | Selection Indices |     |     |      |       |     |     |     | Breeding Values (EBV), Reliabilities (B) and Indices (Ind) |             |             |              |             |             |               |                |                    |   |   |   |           | Average Production Values |            |            |           |            |           |             | Pedigree                             |      |  |  |  |  |  |  |  |
|-----------------------|------------------------|------------|---------------|-------------------|-----|-----|------|-------|-----|-----|-----|------------------------------------------------------------|-------------|-------------|--------------|-------------|-------------|---------------|----------------|--------------------|---|---|---|-----------|---------------------------|------------|------------|-----------|------------|-----------|-------------|--------------------------------------|------|--|--|--|--|--|--|--|
| FarmNr<br>Regno       | Parent<br>Verification | Name       | % In-<br>brd* | SAI               | CYI | FMI | Body | Udder | F&L | BWC | EFI | Milk<br>B                                                  | Bfat<br>Ind | Bfat%<br>B  | Prot<br>Ind  | Prot%<br>B  | SCS<br>Ind  | Calf Int<br>B | HerdLif<br>Ind | Tests/lact.<br>B e | 1 | 2 | 3 | Nr<br>Lac | ICP                       | Kg<br>Milk | Kg<br>Bfat | %<br>Bfat | Kg<br>Prot | %<br>Prot | Sire<br>Dam | Dam<br>Byear                         |      |  |  |  |  |  |  |  |
| Active Breed Average: |                        |            | 7.28          | 102               | 102 | 102 | 101  | 101   | 101 | 101 | 101 | 38                                                         | 5.2         | 0.06        | 2.7          | 0.02        | -4.0        | -0.7          | 103            |                    |   |   |   |           |                           |            |            |           |            |           |             |                                      |      |  |  |  |  |  |  |  |
|                       |                        |            |               |                   |     |     |      |       |     |     |     | Year of Birth : 2020                                       |             |             |              |             |             |               |                |                    |   |   |   |           |                           |            |            |           |            |           |             |                                      |      |  |  |  |  |  |  |  |
| 20359<br>93889145     |                        | ZRCD200359 | 5.78          |                   |     |     |      |       |     |     |     | 106<br>51                                                  | -0.2<br>105 | -0.11<br>44 | 7.6<br>96    | 0.06<br>47  | 9.8<br>112  | -1.8<br>47    | 87<br>108      | 5                  | 4 |   |   |           | 3                         | 364        | 5706       | 270       | 4.7        | 210       | 3.7         | BROADLIN AUSSIEGOLD P ET             |      |  |  |  |  |  |  |  |
| 20361<br>93889152     |                        | ZRCD200361 | 5.78          |                   |     |     |      |       |     |     |     | -149<br>52                                                 | -4.7<br>96  | 0.04<br>45  | -4.0<br>99   | 0.03<br>45  | -2.6<br>102 | -10.6<br>47   | 104<br>105     | 5                  | 4 |   |   |           | 3                         | 366        | 5095       | 246       | 4.8        | 181       | 3.6         | STEINHAUERS SAMSON LEMONHEAD         |      |  |  |  |  |  |  |  |
| 20364<br>93889186     |                        | ZRCD200364 | 5.78          |                   |     |     |      |       |     |     |     | -76<br>53                                                  | -1.9<br>99  | 0.02<br>44  | 1.8<br>101   | 0.08<br>44  | 28.3<br>102 | -1.8<br>47    | 79<br>110      | 5                  | 4 |   |   |           | 3                         | 375        | 4472       | 231       | 5.2        | 173       | 3.9         | BROADLIN AUSSIEGOLD P ET             |      |  |  |  |  |  |  |  |
| 20367<br>93889210     |                        | ZRCD200367 | 4.80          |                   |     |     |      |       |     |     |     | 86<br>53                                                   | 5.5<br>104  | 0.01<br>41  | 7.8<br>101   | 0.07<br>46  | 13.2<br>113 | -2.8<br>46    | 103<br>109     | 3                  | 2 |   |   |           | 2                         | 370        | 5219       | 242       | 4.6        | 186       | 3.6         | ROMA MURMUR KINGPIN S3J ET<br>8154   | 2018 |  |  |  |  |  |  |  |
| 20368<br>93895589     |                        | ZRCD200368 | 5.73          |                   |     |     |      |       |     |     |     | -342<br>52                                                 | -27.1<br>90 | -0.16<br>37 | -18.6<br>80  | -0.09<br>37 | 29.8<br>94  | -4.1<br>44    | 104<br>83      | 3                  | 2 |   |   |           | 2                         | 370        | 4453       | 199       | 4.5        | 142       | 3.2         | HEARTLAND PHAROAH APOLLO ET<br>8218  | 2018 |  |  |  |  |  |  |  |
| 20370<br>93889228     |                        | ZRCD200370 | 5.78          |                   |     |     |      |       |     |     |     | -107<br>54                                                 | -16.6<br>98 | -0.19<br>41 | -4.0<br>93   | 0.00<br>47  | 9.3<br>103  | -6.4<br>29    | 98<br>84       | 4                  | 3 |   |   |           | 2                         | 413        | 4919       | 228       | 4.6        | 177       | 3.6         | HEARTLAND PHAROAH APOLLO ET          |      |  |  |  |  |  |  |  |
| 20373<br>93895548     |                        | ZRCD200373 | 5.78          |                   |     |     |      |       |     |     |     | -758<br>54                                                 | -14.8<br>75 | 0.47<br>43  | -15.2<br>119 | 0.27<br>48  | 14.5<br>128 | -11.4<br>29   | 97<br>15       | 5                  | 4 |   |   |           | 2                         | 395        | 3694       | 205       | 5.6        | 151       | 4.1         | HEARTLAND PHAROAH APOLLO ET          |      |  |  |  |  |  |  |  |
| 20376<br>93889251     |                        | ZRCD200376 | 5.78          |                   |     |     |      |       |     |     |     | 245<br>51                                                  | 6.5<br>110  | -0.12<br>36 | 11.3<br>109  | 0.03<br>36  | 2.0<br>96   | -2.4<br>43    | 103<br>105     | 3                  |   |   |   |           | 2                         | 534        | 6540       | 312       | 4.8        | 244       | 3.7         | HEARTLAND PHAROAH APOLLO ET          |      |  |  |  |  |  |  |  |
| 20384<br>93889277     |                        | ZRCD200384 | 5.78          |                   |     |     |      |       |     |     |     | -346<br>51                                                 | -5.6<br>89  | 0.21<br>41  | -5.7<br>109  | 0.14<br>46  | 8.9<br>97   | -10.2<br>46   | 105<br>116     | 5                  | 3 |   |   |           | 3                         | 368        | 5026       | 260       | 5.2        | 189       | 3.8         | HEARTLAND PHAROAH APOLLO ET          |      |  |  |  |  |  |  |  |
| 20385<br>93889285     |                        | ZRCD200385 | 5.78          |                   |     |     |      |       |     |     |     | 731<br>49                                                  | 5.0<br>127  | -0.50<br>31 | 13.4<br>107  | -0.22<br>31 | -1.8<br>81  | 3.8<br>40     | 105<br>119     | 3                  | 1 |   |   |           | 2                         | 380        | 6765       | 289       | 4.3        | 226       | 3.3         | BROOKBORA VALENTINO ASKN ET          |      |  |  |  |  |  |  |  |
| 20386<br>93895555     |                        | ZRCD200386 | 5.78          |                   |     |     |      |       |     |     |     | 214<br>51                                                  | -1.5<br>109 | -0.21<br>44 | 5.3<br>102   | -0.05<br>44 | 30.7<br>102 | 3.1<br>47     | 86<br>110      | 5                  | 4 |   |   |           | 3                         | 365        | 6339       | 292       | 4.6        | 233       | 3.7         | BROADLIN AUSSIEGOLD P ET             |      |  |  |  |  |  |  |  |
| 20388<br>93889301     |                        | ZRCD200388 | 5.78          |                   |     |     |      |       |     |     |     | 378<br>49                                                  | 14.3<br>114 | -0.10<br>39 | 14.1<br>115  | -0.01<br>39 | 21.6<br>43  | -1.1<br>120   | 98<br>43       | 5                  | 4 |   |   |           | 2                         | 361        | 5938       | 282       | 4.8        | 213       | 3.6         | BROOKBORA VALENTINO ASKN ET          |      |  |  |  |  |  |  |  |
| 20389<br>93889319     |                        | ZRCD200389 | 5.78          |                   |     |     |      |       |     |     |     | -690<br>51                                                 | -30.2<br>78 | 0.11<br>38  | -25.4<br>77  | 0.03<br>38  | 10.9<br>105 | -15.5<br>45   | 106<br>75      | 4                  | 1 |   |   |           | 2                         | 364        | 3497       | 188       | 5.4        | 131       | 3.7         | HEARTLAND PHAROAH APOLLO ET          |      |  |  |  |  |  |  |  |
| 20393<br>93889343     |                        | ZRCD200393 | 5.73          |                   |     |     |      |       |     |     |     | 264<br>52                                                  | -5.3<br>111 | -0.31<br>38 | 0.1<br>88    | -0.16<br>44 | 2.5<br>104  | -3.3<br>88    | 103<br>30      | 3                  | 1 |   |   |           | 2                         | 391        | 5923       | 259       | 4.4        | 191       | 3.2         | STEINHAUERS SAMSON LEMONHEAD<br>8168 | 2018 |  |  |  |  |  |  |  |
| 20394<br>93889350     |                        | ZRCD200394 | 5.65          |                   |     |     |      |       |     |     |     | -478<br>52                                                 | -30.8<br>85 | -0.10<br>39 | -19.2<br>77  | -0.01<br>39 | 2.4<br>97   | -10.1<br>46   | 100<br>82      | 4                  | 1 |   |   |           | 2                         | 374        | 4170       | 200       | 4.8        | 146       | 3.5         | HEARTLAND PHAROAH APOLLO ET<br>5027  | 2015 |  |  |  |  |  |  |  |
| 20398<br>93895563     |                        | ZRCD200398 | 5.78          |                   |     |     |      |       |     |     |     | 316<br>51                                                  | 5.8<br>112  | -0.18<br>36 | 8.4<br>108   | -0.06<br>36 | 24.5<br>94  | 0.0<br>43     | 107<br>113     | 3                  | 1 |   |   |           | 2                         | 366        | 6079       | 286       | 4.7        | 226       | 3.7         | JX ABS TLD HEINZ {3} ET              |      |  |  |  |  |  |  |  |
| 20410<br>93889434     |                        | ZRCD200410 | 5.82          |                   |     |     |      |       |     |     |     | 77<br>51                                                   | -9.3<br>104 | -0.23<br>43 | -6.2<br>95   | -0.15<br>43 | 0.4<br>97   | -4.5<br>113   | 104<br>46      | 5                  | 4 |   |   |           | 3                         | 359        | 5895       | 279       | 4.7        | 198       | 3.4         | HEARTLAND PHAROAH APOLLO ET<br>7277  | 2017 |  |  |  |  |  |  |  |
| 20412<br>93889459     |                        | ZRCD200412 | 5.78          |                   |     |     |      |       |     |     |     | -141<br>51                                                 | -2.2<br>97  | 0.08<br>36  | -2.3<br>104  | 0.05<br>43  | 13.2<br>107 | -0.8<br>27    | 107<br>80      | 3                  |   |   |   |           | 2                         | 381        | 5068       | 272       | 5.4        | 205       | 4.0         | JX ABS TLD HEINZ {3} ET              |      |  |  |  |  |  |  |  |
|                       |                        |            |               |                   |     |     |      |       |     |     |     | Year of Birth : 2021                                       |             |             |              |             |             |               |                |                    |   |   |   |           |                           |            |            |           |            |           |             |                                      |      |  |  |  |  |  |  |  |

# Cows

Animals sorted on farmersnumber within birth year

\*Inbreeding in red is high

Above breed average

Top 10% of the breed

Bottom 10% of the breed

G = Genomically enhanced EBV

| Cow                   |                        |            |               | Selection Indices |     |     |      |       |     |     |     | Breeding Values (EBV), Reliabilities (B) and Indices (Ind) |              |             |              |             |             |             |            |       |   |     |     |          | Average Production Values |         |             |     |                                          |           |                                          | Pedigree   |                                 |           |                              |           |             |              |
|-----------------------|------------------------|------------|---------------|-------------------|-----|-----|------|-------|-----|-----|-----|------------------------------------------------------------|--------------|-------------|--------------|-------------|-------------|-------------|------------|-------|---|-----|-----|----------|---------------------------|---------|-------------|-----|------------------------------------------|-----------|------------------------------------------|------------|---------------------------------|-----------|------------------------------|-----------|-------------|--------------|
| FarmNr<br>Regno       | Parent<br>Verification | Name       | % In-<br>brd* | SAI               | CYI | FMI | Body | Udder | F&L | BWC | EFI | Milk                                                       |              | Bfat        |              | Bfat%       |             | Prot        |            | Prot% |   | SCS |     | Calf Int |                           | HerdLif | Tests/lact. |     |                                          | Nr<br>Lac | ICP                                      | Kg<br>Milk | Kg<br>Bfat                      | %<br>Bfat | Kg<br>Prot                   | %<br>Prot | Sire<br>Dam | Dam<br>Byear |
| Active Breed Average: |                        |            | 7.28          | 102               | 102 | 102 | 101  | 101   | 101 | 101 | 101 | 38                                                         | 5.2          | 0.06        | 2.7          | 0.02        | -4.0        | -0.7        | 103        |       |   |     |     |          |                           |         |             |     |                                          |           |                                          |            |                                 |           |                              |           |             |              |
|                       |                        |            |               |                   |     |     |      |       |     |     |     | Year of Birth : 2021                                       |              |             |              |             |             |             |            |       |   |     |     |          |                           |         |             |     |                                          |           |                                          |            |                                 |           |                              |           |             |              |
| 21003<br>93889475     |                        | ZRCD210003 | 6.01          |                   |     |     |      |       |     |     |     | 54<br>51                                                   | -15.6<br>103 | -0.31<br>37 | -1.4<br>88   | -0.06<br>44 | 32.6<br>102 | -6.1<br>13  | 97<br>18   | 4     | 1 | 2   | 362 | 5165     | 238                       | 4.6     | 189         | 3.7 |                                          |           |                                          |            | JX MOUNT ROCK VICEROY ALPHA {4} |           |                              |           |             |              |
| 21005<br>93889483     |                        | ZRCD210005 | 6.01          |                   |     |     |      |       |     |     |     | 198<br>52                                                  | 1.1<br>108   | -0.16<br>39 | 4.6<br>104   | -0.05<br>39 | 0.2<br>93   | -7.0<br>23  | 104<br>113 | 4     |   |     |     | 2        | 370                       | 5550    | 253         | 4.6 | 196                                      | 3.5       |                                          |            |                                 |           | STEINHAUERS SAMSON LEMONHEAD |           |             |              |
| 21007<br>93889889     |                        | ZRCD210007 | 5.82          |                   |     |     |      |       |     |     |     | 177<br>51                                                  | -1.0<br>108  | -0.17<br>35 | 2.5<br>102   | -0.07<br>35 | 11.1<br>96  | 1.4<br>82   | 97<br>15   | 3     | 1 | 2   | 388 | 6113     | 280                       | 4.6     | 212         | 3.5 | ROMA MURMUR KINGPIN S3J ET<br>7413       |           |                                          |            | 2017                            |           |                              |           |             |              |
| 21009<br>93889905     |                        | ZRCD210009 | 5.71          |                   |     |     |      |       |     |     |     | -76<br>51                                                  | -13.5<br>99  | -0.16<br>37 | -7.2<br>94   | -0.07<br>44 | 15.7<br>96  | -2.4<br>78  | 99<br>14   | 4     |   |     |     | 2        | 375                       | 5700    | 272         | 4.8 | 199                                      | 3.5       | JX MOUNT ROCK VICEROY ALPHA {4}<br>19017 |            |                                 |           | 2019                         |           |             |              |
| 21012<br>93889921     |                        | ZRCD210012 | 5.73          |                   |     |     |      |       |     |     |     | -564<br>51                                                 | -25.3<br>82  | 0.08<br>35  | -17.6<br>81  | 0.08<br>35  | 29.6<br>110 | -7.1<br>64  | 98<br>113  | 3     | 1 | 2   | 376 | 4261     | 218                       | 5.1     | 167         | 3.9 | JX MOUNT ROCK VICEROY ALPHA {4}<br>8119  |           |                                          |            | 2018                            |           |                              |           |             |              |
| 21014<br>93889947     |                        | ZRCD210014 | 5.73          |                   |     |     |      |       |     |     |     | 133<br>51                                                  | 3.3<br>106   | -0.07<br>37 | 8.4<br>98    | 0.05<br>44  | 19.7<br>26  | -2.6<br>74  | 97<br>13   | 4     | 1 | 2   | 376 | 5690     | 278                       | 4.9     | 212         | 3.7 | JX MOUNT ROCK VICEROY ALPHA {4}<br>8284  |           |                                          |            | 2018                            |           |                              |           |             |              |
| 21018<br>93889988     |                        | ZRCD210018 | 5.49          |                   |     |     |      |       |     |     |     | -151<br>51                                                 | -23.5<br>96  | -0.27<br>35 | -7.9<br>90   | -0.03<br>43 | 20.5<br>25  | -2.6<br>73  | 85<br>13   | 3     |   |     |     | 1        | 0                         | 4167    | 179         | 4.3 | 146                                      | 3.5       | JX MOUNT ROCK VICEROY ALPHA {4}<br>4031  |            |                                 |           | 2014                         |           |             |              |
| 21019<br>93889996     |                        | ZRCD210019 | 5.73          |                   |     |     |      |       |     |     |     | -41<br>52                                                  | -8.7<br>100  | -0.11<br>39 | -2.1<br>96   | -0.01<br>44 | 4.5<br>102  | -4.7<br>89  | 102<br>23  | 3     | 2 | 2   | 381 | 4969     | 222                       | 4.5     | 180         | 3.6 | STEINHAUERS SAMSON LEMONHEAD<br>8130     |           |                                          |            | 2018                            |           |                              |           |             |              |
| 21020<br>93890002     |                        | ZRCD210020 | 6.01          |                   |     |     |      |       |     |     |     | 20<br>52                                                   | 5.1<br>102   | 0.06<br>38  | -0.1<br>103  | -0.02<br>44 | -3.7<br>104 | -7.9<br>23  | 102<br>115 | 3     | 1 | 2   | 396 | 5196     | 252                       | 4.9     | 189         | 3.6 |                                          |           |                                          |            | STEINHAUERS SAMSON LEMONHEAD    |           |                              |           |             |              |
| 21022<br>93890028     |                        | ZRCD210022 | 6.01          |                   |     |     |      |       |     |     |     | -580<br>51                                                 | -33.6<br>81  | -0.06<br>35 | -24.2<br>74  | -0.03<br>35 | 25.7<br>98  | -10.0<br>68 | 93<br>11   | 3     |   |     |     | 1        | 0                         | 2983    | 150         | 5.0 | 109                                      | 3.7       | JX MOUNT ROCK VICEROY ALPHA {4}          |            |                                 |           |                              |           |             |              |
| 21025<br>93890044     |                        | ZRCD210025 | 6.01          |                   |     |     |      |       |     |     |     | -74<br>52                                                  | -1.0<br>99   | 0.04<br>38  | -3.3<br>102  | -0.01<br>44 | -0.9<br>100 | -11.2<br>94 | 102<br>23  | 3     | 1 | 2   | 371 | 4778     | 231                       | 4.8     | 172         | 3.6 |                                          |           |                                          |            | STEINHAUERS SAMSON LEMONHEAD    |           |                              |           |             |              |
| 21026<br>93890051     |                        | ZRCD210026 | 6.01          |                   |     |     |      |       |     |     |     | -437<br>51                                                 | -22.5<br>86  | 0.00<br>36  | -14.6<br>101 | 0.04<br>43  | 24.8<br>25  | -8.7<br>69  | 98<br>13   | 3     | 2 | 2   | 369 | 4819     | 222                       | 4.6     | 175         | 3.6 | JX MOUNT ROCK VICEROY ALPHA {4}          |           |                                          |            |                                 |           |                              |           |             |              |
| 21032<br>93890093     |                        | ZRCD210032 | 6.01          |                   |     |     |      |       |     |     |     | 111<br>51                                                  | -18.4<br>105 | -0.40<br>37 | -4.7<br>85   | -0.15<br>44 | 23.8<br>88  | -4.9<br>26  | 97<br>13   | 4     | 1 | 2   | 396 | 4855     | 224                       | 4.6     | 170         | 3.5 | JX MOUNT ROCK VICEROY ALPHA {4}          |           |                                          |            |                                 |           |                              |           |             |              |
| 21033<br>93890101     |                        | ZRCD210033 | 6.01          |                   |     |     |      |       |     |     |     | -308<br>52                                                 | -7.3<br>91   | 0.15<br>38  | -7.7<br>107  | 0.07<br>44  | -4.2<br>109 | -12.7<br>30 | 103<br>23  | 3     | 1 | 2   | 377 | 4002     | 195                       | 4.9     | 147         | 3.7 | STEINHAUERS SAMSON LEMONHEAD             |           |                                          |            |                                 |           |                              |           |             |              |
| 21035<br>93890127     |                        | ZRCD210035 | 6.01          |                   |     |     |      |       |     |     |     | 185<br>51                                                  | -11.5<br>108 | -0.35<br>35 | 0.6<br>87    | -0.11<br>43 | 11.4<br>92  | -3.0<br>25  | 97<br>13   | 3     | 1 | 2   | 383 | 5547     | 249                       | 4.5     | 189         | 3.4 | JX MOUNT ROCK VICEROY ALPHA {4}          |           |                                          |            |                                 |           |                              |           |             |              |
| 21036<br>93890135     |                        | ZRCD210036 | 6.01          |                   |     |     |      |       |     |     |     | 77<br>51                                                   | 7.7<br>104   | 0.05<br>37  | 8.1<br>103   | 0.08<br>43  | 19.4<br>113 | -2.0<br>25  | 97<br>15   | 3     | 2 | 2   | 383 | 5546     | 271                       | 4.9     | 212         | 3.8 | ROMA MURMUR KINGPIN S3J ET               |           |                                          |            |                                 |           |                              |           |             |              |
| 21037<br>93895100     |                        | ZRCD210037 | 5.71          |                   |     |     |      |       |     |     |     | -510<br>52                                                 | -25.5<br>84  | 0.02<br>34  | -20.3<br>102 | -0.01<br>42 | 22.5<br>25  | -8.0<br>71  | 98<br>14   | 3     | 1 | 2   | 329 | 4233     | 210                       | 5.0     | 146         | 3.4 | JX MOUNT ROCK VICEROY ALPHA {4}<br>19009 |           |                                          |            | 2019                            |           |                              |           |             |              |
| 21038<br>93890143     |                        | ZRCD210038 | 5.71          |                   |     |     |      |       |     |     |     | -85<br>51                                                  | -15.7<br>98  | -0.20<br>37 | -8.0<br>93   | -0.08<br>44 | 6.4<br>95   | -1.0<br>26  | 99<br>87   | 4     |   |     |     | 2        | 367                       | 5217    | 239         | 4.6 | 177                                      | 3.4       | JX MOUNT ROCK VICEROY ALPHA {4}<br>19018 |            |                                 |           | 2019                         |           |             |              |
| 21041<br>93890176     |                        | ZRCD210041 | 6.01          |                   |     |     |      |       |     |     |     | -421<br>51                                                 | -9.1<br>87   | 0.22<br>35  | -7.7<br>109  | 0.15<br>43  | 28.8<br>117 | -6.9<br>25  | 98<br>13   | 3     | 1 | 2   | 419 | 4208     | 221                       | 5.3     | 159         | 3.8 | JX MOUNT ROCK VICEROY ALPHA {4}          |           |                                          |            |                                 |           |                              |           |             |              |

# Cows

Animals sorted on farmersnumber within birth year

\*Inbreeding in red is high

Above breed average

Top 10% of the breed

Bottom 10% of the breed

G = Genomically enhanced EBV

| Cow                   |                        |            |               | Selection Indices |     |     |      |       |     |     |     | Breeding Values (EBV), Reliabilities (B) and Indices (Ind) |              |             |              |             |             |               |                |                    |   |   |   |           | Average Production Values |            |            |           |            |           |                                 | Pedigree     |  |  |  |  |  |  |  |
|-----------------------|------------------------|------------|---------------|-------------------|-----|-----|------|-------|-----|-----|-----|------------------------------------------------------------|--------------|-------------|--------------|-------------|-------------|---------------|----------------|--------------------|---|---|---|-----------|---------------------------|------------|------------|-----------|------------|-----------|---------------------------------|--------------|--|--|--|--|--|--|--|
| FarmNr<br>Regno       | Parent<br>Verification | Name       | % In-<br>brd* | SAI               | CYI | FMI | Body | Udder | F&L | BWC | EFI | Milk<br>B                                                  | Bfat<br>Ind  | Bfat%<br>B  | Prot<br>Ind  | Prot%<br>B  | SCS<br>Ind  | Calf Int<br>B | HerdLif<br>Ind | Tests/lact.<br>B e | 1 | 2 | 3 | Nr<br>Lac | ICP                       | Kg<br>Milk | Kg<br>Bfat | %<br>Bfat | Kg<br>Prot | %<br>Prot | Sire<br>Dam                     | Dam<br>Byear |  |  |  |  |  |  |  |
| Active Breed Average: |                        |            | 7.28          | 102               | 102 | 102 | 101  | 101   | 101 | 101 | 101 | 38                                                         | 5.2          | 0.06        | 2.7          | 0.02        | -4.0        | -0.7          | 103            |                    |   |   |   |           |                           |            |            |           |            |           |                                 |              |  |  |  |  |  |  |  |
|                       |                        |            |               |                   |     |     |      |       |     |     |     | Year of Birth : 2021                                       |              |             |              |             |             |               |                |                    |   |   |   |           |                           |            |            |           |            |           |                                 |              |  |  |  |  |  |  |  |
| 21042<br>93890184     |                        | ZRCD210042 | 6.01          |                   |     |     |      |       |     |     |     | -409<br>51                                                 | -24.3<br>87  | -0.04<br>35 | -15.4<br>99  | 0.01<br>43  | 22.1<br>103 | -2.2<br>15    | 97<br>103      | 18                 | 3 | 1 |   | 2         | 411                       | 3528       | 172        | 4.9       | 124        | 3.5       | ROMA MURMUR KINGPIN S3J ET      |              |  |  |  |  |  |  |  |
| 21043<br>93890192     |                        | ZRCD210043 | 6.01          |                   |     |     |      |       |     |     |     | 86<br>52                                                   | -6.9<br>104  | -0.19<br>37 | -0.9<br>93   | -0.07<br>43 | 5.0<br>96   | -8.4<br>30    | 102<br>88      | 25<br>23           | 3 | 1 |   | 2         | 372                       | 4913       | 227        | 4.6       | 175        | 3.6       | STEINHAUERS SAMSON LEMONHEAD    |              |  |  |  |  |  |  |  |
| 21055<br>93890705     |                        | ZRCD210055 | 6.01          |                   |     |     |      |       |     |     |     | -282<br>51                                                 | -18.7<br>92  | -0.07<br>37 | -12.9<br>98  | -0.03<br>44 | 30.0<br>100 | -6.6<br>26    | 99<br>63       | 18<br>13           | 4 |   |   | 2         | 361                       | 4897       | 237        | 4.8       | 171        | 3.5       | JX MOUNT ROCK VICEROY ALPHA {4} |              |  |  |  |  |  |  |  |
| 21064<br>93890788     |                        | ZRCD210064 | 6.01          |                   |     |     |      |       |     |     |     | 71<br>51                                                   | -11.2<br>104 | -0.25<br>37 | -0.4<br>91   | -0.05<br>44 | 21.6<br>98  | -3.3<br>26    | 99<br>72       | 18<br>13           | 4 |   |   | 2         | 366                       | 5571       | 259        | 4.7       | 199        | 3.6       | JX MOUNT ROCK VICEROY ALPHA {4} |              |  |  |  |  |  |  |  |
| 21067<br>93890804     |                        | ZRCD210067 | 6.01          |                   |     |     |      |       |     |     |     | -49<br>51                                                  | -4.6<br>100  | -0.04<br>36 | -0.8<br>99   | 0.02<br>43  | 6.7<br>103  | -6.9<br>27    | 102<br>86      | 18<br>15           | 3 | 1 |   | 2         | 381                       | 5375       | 263        | 4.9       | 199        | 3.7       | HEARTLAND PHAROAH APOLLO ET     |              |  |  |  |  |  |  |  |
| 21068<br>93890812     |                        | ZRCD210068 | 6.01          |                   |     |     |      |       |     |     |     | -329<br>51                                                 | -15.9<br>90  | 0.02<br>35  | -11.8<br>102 | 0.02<br>43  | 22.4<br>91  | -6.3<br>25    | 97<br>71       | 18<br>13           | 3 | 1 |   | 2         | 399                       | 4592       | 227        | 4.9       | 165        | 3.6       | JX MOUNT ROCK VICEROY ALPHA {4} |              |  |  |  |  |  |  |  |
| 21070<br>93890838     |                        | ZRCD210070 | 6.01          |                   |     |     |      |       |     |     |     | 508<br>51                                                  | -3.5<br>119  | -0.47<br>36 | 5.6<br>100   | -0.22<br>82 | 2.0<br>43   | -3.7<br>110   | 102<br>82      | 18<br>15           | 3 | 1 |   | 2         | 403                       | 6407       | 274        | 4.3       | 203        | 3.2       | HEARTLAND PHAROAH APOLLO ET     |              |  |  |  |  |  |  |  |
| 21081<br>93895118     |                        | ZRCD210081 | 6.01          |                   |     |     |      |       |     |     |     | 30<br>43                                                   | -4.6<br>102  | -0.11<br>25 | 0.3<br>96    | -0.01<br>35 | -5.1<br>104 | -2.9<br>102   | 92<br>105      | 4                  | 4 |   |   | 1         | 0                         | 4098       | 182        | 4.4       | 141        | 3.4       | 19020                           | 2019         |  |  |  |  |  |  |  |
| 21085<br>93890929     |                        | ZRCD210085 | 6.01          |                   |     |     |      |       |     |     |     | 346<br>43                                                  | -6.3<br>113  | -0.39<br>24 | 5.2<br>85    | -0.13<br>34 | -0.2<br>110 | -1.1<br>90    | 99<br>101      | 4                  | 4 | 1 |   | 2         | 398                       | 4995       | 216        | 4.3       | 171        | 3.4       | 19052                           | 2019         |  |  |  |  |  |  |  |
| 21096<br>93891000     |                        | ZRCD210096 | 6.01          |                   |     |     |      |       |     |     |     | -299<br>51                                                 | -20.0<br>91  | -0.08<br>36 | -14.8<br>98  | -0.06<br>43 | 23.8<br>97  | -10.2<br>25   | 100<br>70      | 18<br>15           | 3 | 2 |   | 2         | 338                       | 3647       | 167        | 4.6       | 126        | 3.5       | ROMA MURMUR KINGPIN S3J ET      |              |  |  |  |  |  |  |  |
| 21105<br>93891075     |                        | ZRCD210105 | 6.01          |                   |     |     |      |       |     |     |     | -941<br>51                                                 | -38.0<br>69  | 0.22<br>36  | -30.5<br>109 | 0.12<br>43  | 4.0<br>114  | -14.0<br>27   | 100<br>89      | 18<br>13           | 3 |   |   | 1         | 0                         | 2384       | 133        | 5.6       | 93         | 3.9       | HEARTLAND PHAROAH APOLLO ET     |              |  |  |  |  |  |  |  |
| 21109<br>93891505     |                        | ZRCD210109 | 6.01          |                   |     |     |      |       |     |     |     | -81<br>51                                                  | -25.5<br>99  | -0.36<br>37 | -8.3<br>86   | -0.09<br>44 | 24.2<br>95  | -6.8<br>44    | 92<br>94       | 18<br>11           | 4 |   |   | 1         | 0                         | 3982       | 177        | 4.5       | 146        | 3.7       | JX MOUNT ROCK VICEROY ALPHA {4} |              |  |  |  |  |  |  |  |
| 21112<br>93891539     |                        | ZRCD210112 | 6.01          |                   |     |     |      |       |     |     |     | -794<br>51                                                 | -24.8<br>74  | 0.32<br>36  | -26.6<br>113 | 0.08<br>43  | 0.6<br>110  | -12.0<br>27   | 106<br>93      | 18<br>15           | 3 |   |   | 2         | 378                       | 3986       | 213        | 5.4       | 143        | 3.6       | HEARTLAND PHAROAH APOLLO ET     |              |  |  |  |  |  |  |  |
| 21113<br>93891547     |                        | ZRCD210113 | 6.01          |                   |     |     |      |       |     |     |     | 164<br>51                                                  | -2.8<br>107  | -0.19<br>35 | 3.9<br>93    | -0.04<br>43 | 27.2<br>99  | -2.4<br>25    | 97<br>66       | 18<br>13           | 3 | 1 |   | 2         | 384                       | 5636       | 278        | 4.9       | 204        | 3.6       | JX MOUNT ROCK VICEROY ALPHA {4} |              |  |  |  |  |  |  |  |
| 21117<br>93891554     |                        | ZRCD210117 | 6.01          |                   |     |     |      |       |     |     |     | 163<br>51                                                  | -13.1<br>107 | -0.36<br>37 | 2.0<br>86    | -0.07<br>43 | -0.9<br>106 | -5.2<br>43    | 102<br>96      | 18<br>15           | 3 | 2 |   | 2         | 377                       | 5596       | 248        | 4.4       | 198        | 3.5       | HEARTLAND PHAROAH APOLLO ET     |              |  |  |  |  |  |  |  |
| 21118<br>93891562     |                        | ZRCD210118 | 6.01          |                   |     |     |      |       |     |     |     | -371<br>51                                                 | -18.6<br>89  | 0.01<br>37  | -16.3<br>101 | -0.03<br>44 | 23.0<br>100 | -7.1<br>26    | 100<br>70      | 18<br>13           | 4 |   |   | 2         | 385                       | 4348       | 221        | 5.1       | 152        | 3.5       | JX MOUNT ROCK VICEROY ALPHA {4} |              |  |  |  |  |  |  |  |
| 21126<br>93891620     |                        | ZRCD210126 | 6.01          |                   |     |     |      |       |     |     |     | -140<br>46                                                 | -7.3<br>97   | -0.01<br>27 | -5.6<br>100  | 0.00<br>36  | 17.3<br>98  | -3.7<br>36    | 91<br>103      | 18<br>4            | 3 |   |   | 1         | 0                         | 3834       | 192        | 5.0       | 142        | 3.7       | JX ABS CHAPMAN {4} ET           |              |  |  |  |  |  |  |  |
| 21130<br>93891646     |                        | ZRCD210130 | 6.01          |                   |     |     |      |       |     |     |     | 413<br>46                                                  | 4.2<br>116   | -0.28<br>29 | 10.8<br>90   | -0.08<br>38 | 19.1<br>95  | -0.2<br>17    | 99<br>74       | 18<br>7            | 4 |   |   | 2         | 379                       | 5453       | 251        | 4.6       | 198        | 3.6       | JX ABS CHAPMAN {4} ET           |              |  |  |  |  |  |  |  |
| 21134<br>93891661     |                        | ZRCD210134 | 6.01          |                   |     |     |      |       |     |     |     | -289<br>46                                                 | -4.4<br>91   | 0.18<br>27  | -9.0<br>108  | 0.04<br>36  | 6.0<br>94   | -5.1<br>36    | 93<br>106      | 18<br>16           | 3 |   |   | 2         | 348                       | 3413       | 195        | 5.7       | 131        | 3.8       | JX ABS CHAPMAN {4} ET           |              |  |  |  |  |  |  |  |

# Cows

Animals sorted on farmersnumber within birth year

\*Inbreeding in red is high

Above breed average

Top 10% of the breed

Bottom 10% of the breed

G = Genomically enhanced EBV

| Cow                   |                        |            |               | Selection Indices |     |     |      |       |     |     |     | Breeding Values (EBV), Reliabilities (B) and Indices (Ind) |             |                |               |                |              |                   |                |                      |           |     |            | Average Production Values |           |            |           |             |                                       |                       |  | Pedigree |  |  |  |  |  |
|-----------------------|------------------------|------------|---------------|-------------------|-----|-----|------|-------|-----|-----|-----|------------------------------------------------------------|-------------|----------------|---------------|----------------|--------------|-------------------|----------------|----------------------|-----------|-----|------------|---------------------------|-----------|------------|-----------|-------------|---------------------------------------|-----------------------|--|----------|--|--|--|--|--|
| FarmNr<br>Regno       | Parent<br>Verification | Name       | % In-<br>brd* | SAI               | CYI | FMI | Body | Udder | F&L | BWC | EFI | Milk<br>B                                                  | Bfat<br>Ind | Bfat%<br>B Ind | Prot<br>B Ind | Prot%<br>B Ind | SCS<br>B Ind | Calf Int<br>B Ind | HerdLif<br>B e | Tests/lact.<br>1 2 3 | Nr<br>Lac | ICP | Kg<br>Milk | Kg<br>Bfat                | %<br>Bfat | Kg<br>Prot | %<br>Prot | Sire<br>Dam | Dam<br>Byear                          |                       |  |          |  |  |  |  |  |
| Active Breed Average: |                        |            | 7.28          | 102               | 102 | 102 | 101  | 101   | 101 | 101 | 101 | 38                                                         | 5.2         | 0.06           | 2.7           | 0.02           | -4.0         | -0.7              | 103            |                      |           |     |            |                           |           |            |           |             |                                       |                       |  |          |  |  |  |  |  |
|                       |                        |            |               |                   |     |     |      |       |     |     |     | Year of Birth : 2021                                       |             |                |               |                |              |                   |                |                      |           |     |            |                           |           |            |           |             |                                       |                       |  |          |  |  |  |  |  |
| 21144<br>93891737     |                        | ZRCD210144 | 6.01          |                   |     |     |      |       |     |     |     | -166<br>46                                                 | -4.5<br>96  | 0.06<br>29     | -6.6<br>103   | 0.00<br>38     | 18.1<br>17   | -3.8<br>7         | 92<br>107      | 9                    | 4         |     | 2          | 371                       | 3692      | 193        | 5.2       | 132         | 3.6                                   | JX ABS CHAPMAN {4} ET |  |          |  |  |  |  |  |
| 21146<br>93893162     |                        | ZRCD210146 | 6.01          |                   |     |     |      |       |     |     |     | 621<br>43                                                  | 4.7<br>123  | -0.43<br>24    | 15.9<br>84    | -0.13<br>34    | -2.3<br>12   | 4.1<br>95         | 85<br>1        | 4                    | 4         | 1   | 0          | 5471                      | 240       | 4.4        | 196       | 3.6         | 2005                                  | 2012                  |  |          |  |  |  |  |  |
| 21148<br>93891760     |                        | ZRCD210148 | 6.01          |                   |     |     |      |       |     |     |     | 741<br>46                                                  | -9.0<br>127 | -0.72<br>27    | 8.7<br>72     | -0.30<br>36    | 22.3<br>16   | 1.2<br>71         | 97<br>7        | 9                    | 3 1       | 2   | 388        | 6302                      | 241       | 3.8        | 204       | 3.2         | JX ABS CHAPMAN {4} ET                 |                       |  |          |  |  |  |  |  |
| 21150<br>93891778     |                        | ZRCD210150 | 6.01          |                   |     |     |      |       |     |     |     | 211<br>46                                                  | -6.9<br>109 | -0.30<br>29    | 2.2<br>89     | -0.10<br>38    | 12.9<br>17   | -2.3<br>80        | 99<br>7        | 9                    | 4         | 2   | 366        | 5056                      | 222       | 4.4        | 176       | 3.5         | JX ABS CHAPMAN {4} ET                 |                       |  |          |  |  |  |  |  |
| 21165<br>93895134     |                        | ZRCD210165 | 6.26          |                   |     |     |      |       |     |     |     | -57<br>53                                                  | 9.5<br>99   | 0.20<br>39     | 7.9<br>109    | 0.17<br>46     | 35.8<br>119  | -1.2<br>27        | 91<br>58       | 4                    | 4         | 2   | 366        | 4831                      | 249       | 5.2        | 181       | 3.7         | AMBZED LT OMEGA ET S3J ET<br>19123    | 2019                  |  |          |  |  |  |  |  |
| 21177<br>93891919     |                        | ZRCD210177 | 12.93         |                   |     |     |      |       |     |     |     | 282<br>53                                                  | 14.1<br>41  | -0.03<br>115   | 5.9<br>41     | -0.08<br>100   | 1.5<br>48    | 4.2<br>95         | 98<br>33       | 28                   | 4         | 1   | 0          | 4302                      | 219       | 5.1        | 147       | 3.4         | ALL LYNNS LOUIE VALENTINO-ET<br>19193 | 2019                  |  |          |  |  |  |  |  |
| 21180<br>93891935     |                        | ZRCD210180 | 5.09          |                   |     |     |      |       |     |     |     | 499<br>54                                                  | 6.5<br>119  | -0.31<br>36    | 10.1<br>88    | -0.14<br>41    | -1.3<br>115  | 7.7<br>41         | 101<br>89      | 30                   | 1         | 1   | 0          | 5606                      | 224       | 4.0        | 196       | 3.5         | ALL LYNNS LOUIE VALENTINO-ET<br>19132 | 2019                  |  |          |  |  |  |  |  |
| 21181<br>93895159     |                        | ZRCD210181 | 5.14          |                   |     |     |      |       |     |     |     | -316<br>54                                                 | -19.0<br>91 | -0.05<br>36    | -14.8<br>87   | -0.04<br>36    | -0.8<br>99   | 2.0<br>41         | 102<br>87      | 30                   | 1         | 1   | 0          | 3677                      | 186       | 5.1        | 131       | 3.6         | ALL LYNNS LOUIE VALENTINO-ET<br>19180 | 2019                  |  |          |  |  |  |  |  |
| 21183<br>93896439     |                        | ZRCD210183 | 5.09          |                   |     |     |      |       |     |     |     | 586<br>54                                                  | 7.4<br>122  | -0.36<br>43    | 13.1<br>86    | -0.15<br>49    | -1.4<br>119  | 7.8<br>49         | 102<br>88      | 30                   | 4         | 2   | 373        | 5416                      | 247       | 4.6        | 191       | 3.5         | ALL LYNNS LOUIE VALENTINO-ET<br>19299 | 2019                  |  |          |  |  |  |  |  |
| 21184<br>93891943     |                        | ZRCD210184 | 6.01          |                   |     |     |      |       |     |     |     | 890<br>45                                                  | 11.4<br>132 | -0.52<br>27    | 19.7<br>80    | -0.22<br>37    | 8.2<br>126   | 2.9<br>37         | 99<br>82       | 8                    | 4         | 2   | 372        | 5720                      | 253       | 4.4        | 195       | 3.4         | 19162                                 | 2019                  |  |          |  |  |  |  |  |
| 21185<br>93891950     |                        | ZRCD210185 | 3.59          |                   |     |     |      |       |     |     |     | -159<br>54                                                 | 4.4<br>96   | 0.20<br>42     | -3.4<br>107   | 0.04<br>48     | -6.3<br>106  | 2.7<br>34         | 99<br>99       | 28                   | 4         | 2   | 351        | 4425                      | 220       | 5.0        | 158       | 3.6         | ALL LYNNS LOUIE VALENTINO-ET<br>19153 | 2019                  |  |          |  |  |  |  |  |
| 21199<br>93895258     |                        | ZRCD210199 | 12.93         |                   |     |     |      |       |     |     |     | 189<br>53                                                  | 1.4<br>108  | -0.15<br>40    | 0.3<br>104    | -0.12<br>95    | -13.6<br>46  | 3.4<br>104        | 98<br>46       | 28                   | 3         | 1   | 0          | 3977                      | 197       | 5.0        | 142       | 3.6         | ALL LYNNS LOUIE VALENTINO-ET<br>19225 | 2019                  |  |          |  |  |  |  |  |
| 21207<br>93892073     |                        | ZRCD210207 | 6.01          |                   |     |     |      |       |     |     |     | 403<br>51                                                  | 8.2<br>115  | -0.21<br>31    | 7.7<br>92     | -0.13<br>36    | 3.6<br>113   | 5.5<br>36         | 102<br>90      | 26                   | 1         | 1   | 0          | 5751                      | 268       | 4.7        | 198       | 3.5         | ALL LYNNS LOUIE VALENTINO-ET          |                       |  |          |  |  |  |  |  |
| 21212<br>93892123     |                        | ZRCD210212 | 6.01          |                   |     |     |      |       |     |     |     | 799<br>50                                                  | 17.8<br>129 | -0.36<br>35    | 24.5<br>86    | -0.10<br>44    | 17.0<br>93   | 1.5<br>23         | 84<br>76       | 3                    | 4         | 1   | 0          | 5346                      | 246       | 4.6        | 191       | 3.6         | AMBZED LT OMEGA ET S3J ET             |                       |  |          |  |  |  |  |  |
| 21215<br>93892131     |                        | ZRCD210215 | 6.01          |                   |     |     |      |       |     |     |     | -227<br>52                                                 | -6.4<br>94  | 0.08<br>38     | -9.8<br>104   | -0.02<br>44    | -4.6<br>93   | 0.5<br>44         | 104<br>101     | 26                   | 3         | 2   | 366        | 4072                      | 213       | 5.2        | 152       | 3.7         | ALL LYNNS LOUIE VALENTINO-ET          |                       |  |          |  |  |  |  |  |
| 21216<br>93892149     |                        | ZRCD210216 | 6.01          |                   |     |     |      |       |     |     |     | 715<br>51                                                  | 23.3<br>126 | -0.22<br>36    | 21.1<br>92    | -0.10<br>44    | 7.1<br>128   | 2.8<br>44         | 91<br>93       | 15                   | 4         | 1   | 0          | 6208                      | 280       | 4.5        | 219       | 3.5         | PUKETAWA KING CARRICK JG ET           |                       |  |          |  |  |  |  |  |
| 21219<br>93901585     |                        | ZRCD210219 | 5.73          |                   |     |     |      |       |     |     |     | 959<br>52                                                  | 4.4<br>135  | -0.67<br>40    | 16.2<br>74    | -0.30<br>46    | 7.5<br>122   | 9.5<br>46         | 95<br>74       | 26                   | 4         | 2   | 352        | 5617                      | 252       | 4.5        | 202       | 3.6         | ALL LYNNS LOUIE VALENTINO-ET<br>8270  | 2018                  |  |          |  |  |  |  |  |
| 21221<br>93894160     |                        | ZRCD210221 | 5.38          |                   |     |     |      |       |     |     |     | -1066<br>52                                                | -27.6<br>65 | 0.57<br>38     | -34.1<br>79   | 0.15<br>123    | 10.0<br>44   | -3.8<br>66        | 104<br>117     | 26                   | 3         | 2   | 321        | 2978                      | 161       | 5.4        | 110       | 3.7         | ALL LYNNS LOUIE VALENTINO-ET<br>2004  | 2012                  |  |          |  |  |  |  |  |
| 21227<br>93892214     |                        | ZRCD210227 | 6.01          |                   |     |     |      |       |     |     |     | 112<br>51                                                  | 3.2<br>105  | -0.05<br>37    | 4.0<br>106    | -0.01<br>37    | 20.8<br>99   | -2.7<br>44        | 99<br>108      | 15                   | 4         | 2   | 367        | 5143                      | 236       | 4.6        | 184       | 3.6         | PUKETAWA KING CARRICK JG ET           |                       |  |          |  |  |  |  |  |

# Cows

Animals sorted on farmersnumber within birth year

\*Inbreeding in red is high

Above breed average

Top 10% of the breed

Bottom 10% of the breed

G = Genomically enhanced EBV

| Cow                   |                        |            |               | Selection Indices    |     |     |      |       |     |     |     | Breeding Values (EBV), Reliabilities (B) and Indices (Ind) |             |                |               |                |              |                   |                |                      |           |     |            |            | Average Production Values |            |           |                                       |              |  |  | Pedigree |  |  |
|-----------------------|------------------------|------------|---------------|----------------------|-----|-----|------|-------|-----|-----|-----|------------------------------------------------------------|-------------|----------------|---------------|----------------|--------------|-------------------|----------------|----------------------|-----------|-----|------------|------------|---------------------------|------------|-----------|---------------------------------------|--------------|--|--|----------|--|--|
| FarmNr<br>Regno       | Parent<br>Verification | Name       | % In-<br>brd* | SAI                  | CYI | FMI | Body | Udder | F&L | BWC | EFI | Milk<br>B                                                  | Bfat<br>Ind | Bfat%<br>B Ind | Prot<br>B Ind | Prot%<br>B Ind | SCS<br>B Ind | Calf Int<br>B Ind | HerdLif<br>B e | Tests/lact.<br>1 2 3 | Nr<br>Lac | ICP | Kg<br>Milk | Kg<br>Bfat | %<br>Bfat                 | Kg<br>Prot | %<br>Prot | Sire<br>Dam                           | Dam<br>Byear |  |  |          |  |  |
| Active Breed Average: |                        |            | 7.28          | 102                  | 102 | 102 | 101  | 101   | 101 | 101 | 101 | 38                                                         | 5.2         | 0.06           | 2.7           | 0.02           | -4.0         | -0.7              | 103            |                      |           |     |            |            |                           |            |           |                                       |              |  |  |          |  |  |
|                       |                        |            |               | Year of Birth : 2021 |     |     |      |       |     |     |     |                                                            |             |                |               |                |              |                   |                |                      |           |     |            |            |                           |            |           |                                       |              |  |  |          |  |  |
| 21228<br>93894186     |                        | ZRCD210228 | 6.01          |                      |     |     |      |       |     |     |     | -10<br>51                                                  | 14.8<br>101 | 0.25<br>37     | 4.7<br>111    | 0.08<br>44     | 28.0<br>109  | -3.2<br>44        | 99<br>110      | 4                    | 2         | 339 | 5174       | 262        | 5.1                       | 191        | 3.7       | PUKETAWA KING CARRICK JG ET           |              |  |  |          |  |  |
| 21229<br>93895845     |                        | ZRCD210229 | 5.73          |                      |     |     |      |       |     |     |     | 339<br>51                                                  | 7.9<br>113  | -0.17<br>34    | 6.6<br>94     | -0.10<br>37    | 3.9<br>93    | 7.1<br>28         | 101<br>89      | 1                    | 1         | 0   | 5572       | 244        | 4.4                       | 183        | 3.3       | ALL LYNNS LOUIE VALENTINO-ET<br>8162  | 2018         |  |  |          |  |  |
| 21246<br>93892347     |                        | ZRCD210246 | 6.01          |                      |     |     |      |       |     |     |     | 123<br>51                                                  | 13.0<br>106 | 0.10<br>35     | 7.9<br>114    | 0.05<br>35     | 10.3<br>105  | -2.8<br>43        | 99<br>113      | 3                    | 2         | 358 | 5169       | 244        | 4.7                       | 185        | 3.6       | PUKETAWA KING CARRICK JG ET           |              |  |  |          |  |  |
| 21248<br>93892354     |                        | ZRCD210248 | 6.01          |                      |     |     |      |       |     |     |     | -299<br>52                                                 | -0.2<br>91  | 0.26<br>40     | -7.8<br>40    | 0.06<br>46     | -8.6<br>108  | 0.9<br>32         | 104<br>102     | 4                    | 2         | 361 | 3906       | 211        | 5.4                       | 147        | 3.8       | ALL LYNNS LOUIE VALENTINO-ET          |              |  |  |          |  |  |
| 21251<br>93892388     |                        | ZRCD210251 | 6.01          |                      |     |     |      |       |     |     |     | -265<br>52                                                 | -3.5<br>92  | 0.17<br>38     | -7.0<br>108   | 0.05<br>44     | 6.7<br>96    | -1.2<br>44        | 105<br>107     | 3                    | 2         | 326 | 3857       | 197        | 5.1                       | 147        | 3.8       | ALL LYNNS LOUIE VALENTINO-ET          |              |  |  |          |  |  |
| 21256<br>93901536     |                        | ZRCD210256 | 5.73          |                      |     |     |      |       |     |     |     | 593<br>52                                                  | 6.5<br>122  | -0.38<br>39    | 13.6<br>86    | -0.15<br>46    | -10.6<br>119 | 7.3<br>43         | 103<br>104     | 4                    | 2         | 331 | 5395       | 231        | 4.3                       | 186        | 3.4       | ALL LYNNS LOUIE VALENTINO-ET<br>8149  | 2018         |  |  |          |  |  |
| 21257<br>93885846     |                        | ZRCD210257 | 5.82          |                      |     |     |      |       |     |     |     | 1025<br>50                                                 | 10.1<br>137 | -0.63<br>35    | 25.5<br>76    | -0.20<br>43    | 13.9<br>84   | 4.6<br>23         | 92<br>79       | 4                    | 2         | 370 | 6103       | 259        | 4.2                       | 205        | 3.4       | AMBZED LT OMEGA ET S3J ET<br>7278     | 2017         |  |  |          |  |  |
| 21263<br>93885887     |                        | ZRCD210263 | 6.01          |                      |     |     |      |       |     |     |     | -136<br>51                                                 | -3.5<br>97  | 0.05<br>31     | -5.0<br>100   | 0.00<br>31     | 6.8<br>103   | 2.5<br>98         | 102<br>28      | 1                    | 1         | 0   | 4818       | 215        | 4.5                       | 168        | 3.5       | ALL LYNNS LOUIE VALENTINO-ET          |              |  |  |          |  |  |
| 21270<br>93885937     |                        | ZRCD210270 | 5.65          |                      |     |     |      |       |     |     |     | -408<br>52                                                 | -3.2<br>87  | 0.32<br>38     | -8.9<br>100   | 0.12<br>38     | 2.2<br>113   | -5.3<br>45        | 96<br>94       | 4                    | 2         | 328 | 4475       | 227        | 5.1                       | 163        | 3.7       | PUKETAWA KING CARRICK JG ET<br>5027   | 2015         |  |  |          |  |  |
| 21274<br>93885952     |                        | ZRCD210274 | 6.09          |                      |     |     |      |       |     |     |     | 447<br>54                                                  | 6.0<br>117  | -0.28<br>43    | 8.0<br>90     | -0.15<br>49    | -0.7<br>113  | 6.2<br>49         | 86<br>88       | 4                    | 1         | 0   | 4385       | 193        | 4.4                       | 146        | 3.3       | ALL LYNNS LOUIE VALENTINO-ET<br>19367 | 2019         |  |  |          |  |  |
| 21282<br>93886000     |                        | ZRCD210282 | 6.01          |                      |     |     |      |       |     |     |     | 88<br>52                                                   | 8.6<br>104  | 0.05<br>38     | 2.8<br>103    | -0.01<br>44    | -3.1<br>102  | 2.6<br>31         | 103<br>96      | 3                    | 2         | 361 | 4788       | 242        | 5.1                       | 175        | 3.7       | ALL LYNNS LOUIE VALENTINO-ET          |              |  |  |          |  |  |
| 21292<br>93886075     |                        | ZRCD210292 | 5.09          |                      |     |     |      |       |     |     |     | -181<br>54                                                 | 2.6<br>95   | 0.19<br>41     | -2.2<br>108   | 0.08<br>47     | 11.3<br>101  | 1.9<br>101        | 103<br>47      | 3                    | 2         | 360 | 4069       | 223        | 5.5                       | 154        | 3.8       | ALL LYNNS LOUIE VALENTINO-ET<br>19347 | 2019         |  |  |          |  |  |
| 21295<br>93886109     |                        | ZRCD210295 | 6.01          |                      |     |     |      |       |     |     |     | 15<br>50                                                   | -7.7<br>102 | -0.15<br>35    | -1.5<br>95    | -0.03<br>43    | 9.3<br>100   | -5.7<br>23        | 87<br>84       | 4                    | 1         | 0   | 3183       | 146        | 4.6                       | 109        | 3.4       | AMBZED LT OMEGA ET S3J ET             |              |  |  |          |  |  |
| 21298<br>93886125     |                        | ZRCD210298 | 6.01          |                      |     |     |      |       |     |     |     | -255<br>51                                                 | 1.3<br>93   | 0.25<br>37     | -4.1<br>111   | 0.10<br>44     | 24.5<br>99   | -6.6<br>44        | 100<br>112     | 4                    | 2         | 335 | 4453       | 222        | 5.0                       | 166        | 3.7       | PUKETAWA KING CARRICK JG ET           |              |  |  |          |  |  |
| 21299<br>93886133     |                        | ZRCD210299 | 6.01          |                      |     |     |      |       |     |     |     | -113<br>43                                                 | -6.6<br>98  | -0.02<br>14    | -5.0<br>100   | -0.01<br>22    | -3.5<br>98   | -0.3<br>22        | 97<br>102      | 1                    | 1         | 0   | 4869       | 232        | 4.8                       | 182        | 3.7       | 19181                                 | 2019         |  |  |          |  |  |
| 21300<br>93886141     |                        | ZRCD210300 | 6.01          |                      |     |     |      |       |     |     |     | 494<br>51                                                  | 29.0<br>118 | 0.03<br>37     | 18.7<br>102   | -0.01<br>44    | -1.2<br>125  | 2.2<br>44         | 98<br>102      | 4                    | 2         | 373 | 6311       | 311        | 4.9                       | 231        | 3.7       | PUKETAWA KING CARRICK JG ET           |              |  |  |          |  |  |
| 21302<br>93886158     |                        | ZRCD210302 | 5.73          |                      |     |     |      |       |     |     |     | 1248<br>50                                                 | 20.5<br>144 | -0.63<br>35    | 38.3<br>76    | -0.14<br>43    | 23.9<br>89   | 6.3<br>23         | 93<br>69       | 4                    | 2         | 365 | 6469       | 272        | 4.2                       | 228        | 3.5       | AMBZED LT OMEGA ET S3J ET<br>8057     | 2018         |  |  |          |  |  |
| 21308<br>93886190     |                        | ZRCD210308 | 6.01          |                      |     |     |      |       |     |     |     | -333<br>51                                                 | -2.2<br>90  | 0.26<br>37     | -10.4<br>111  | 0.05<br>44     | 11.8<br>107  | -6.0<br>26        | 93<br>81       | 4                    | 1         | 0   | 3403       | 182        | 5.3                       | 121        | 3.6       | PUKETAWA KING CARRICK JG ET           |              |  |  |          |  |  |
| 21309<br>93886208     |                        | ZRCD210309 | 6.01          |                      |     |     |      |       |     |     |     | 634<br>43                                                  | 20.3<br>123 | -0.21<br>24    | 21.3<br>92    | -0.05<br>34    | 15.0<br>98   | 4.9<br>12         | 84<br>78       | 4                    | 1         | 0   | 5411       | 249        | 4.6                       | 184        | 3.4       | 4825                                  | 2014         |  |  |          |  |  |

# Cows

Animals sorted on farmersnumber within birth year

\*Inbreeding in red is high

Above breed average

Top 10% of the breed

Bottom 10% of the breed

G = Genomically enhanced EBV

| Cow                   |                        |            |               | Selection Indices    |     |     |      |       |     |     |     | Breeding Values (EBV), Reliabilities (B) and Indices (Ind) |                |                |                |                 |               |                   |                |                      |           |     |            |            | Average Production Values |            |           |                                         |              |  |  | Pedigree |  |  |
|-----------------------|------------------------|------------|---------------|----------------------|-----|-----|------|-------|-----|-----|-----|------------------------------------------------------------|----------------|----------------|----------------|-----------------|---------------|-------------------|----------------|----------------------|-----------|-----|------------|------------|---------------------------|------------|-----------|-----------------------------------------|--------------|--|--|----------|--|--|
| FarmNr<br>Regno       | Parent<br>Verification | Name       | % In-<br>brd* | SAI                  | CYI | FMI | Body | Udder | F&L | BWC | EFI | Milk<br>B                                                  | Bfat<br>Ind    | Bfat%<br>B Ind | Prot<br>B Ind  | Prot%<br>B Ind  | SCS<br>B Ind  | Calf Int<br>B Ind | HerdLif<br>B ° | Tests/lact.<br>1 2 3 | Nr<br>Lac | ICP | Kg<br>Milk | Kg<br>Bfat | %<br>Bfat                 | Kg<br>Prot | %<br>Prot | Sire<br>Dam                             | Dam<br>Byear |  |  |          |  |  |
| Active Breed Average: |                        |            | 7.28          | 102                  | 102 | 102 | 101  | 101   | 101 | 101 | 101 | 38                                                         | 5.2            | 0.06           | 2.7            | 0.02            | -4.0          | -0.7              | 103            |                      |           |     |            |            |                           |            |           |                                         |              |  |  |          |  |  |
|                       |                        |            |               | Year of Birth : 2021 |     |     |      |       |     |     |     |                                                            |                |                |                |                 |               |                   |                |                      |           |     |            |            |                           |            |           |                                         |              |  |  |          |  |  |
| 21315<br>93886257     |                        | ZRCD210315 | 6.01          |                      |     |     |      |       |     |     |     | 344<br>52 113                                              | -3.9<br>39 100 | -0.36<br>39 86 | 2.7<br>46 107  | -0.17<br>46 87  | 9.4<br>32 84  | 4.1<br>24 91      | 96<br>26       | 4                    | 1         | 0   | 4298       | 184        | 4.3                       | 145        | 3.4       | ALL LYNNS LOUIE VALENTINO-ET            |              |  |  |          |  |  |
| 21320<br>93886299     |                        | ZRCD210320 | 5.73          |                      |     |     |      |       |     |     |     | 806<br>53 129                                              | 8.0<br>40 110  | -0.52<br>40 80 | 16.3<br>47 122 | -0.22<br>47 82  | 1.9<br>32 91  | 8.5<br>24 83      | 95<br>27       | 4                    | 1         | 0   | 5812       | 229        | 4.0                       | 184        | 3.2       | ALL LYNNS LOUIE VALENTINO-ET<br>8238    | 2018         |  |  |          |  |  |
| 21325<br>93886349     |                        | ZRCD210325 | 6.01          |                      |     |     |      |       |     |     |     | 112<br>50 105                                              | 6.6<br>33 109  | 0.00<br>33 101 | 7.6<br>41 112  | 0.05<br>41 107  | 9.3<br>22 84  | -5.8<br>6 111     | 94<br>11       | 3                    | 2         | 311 | 4437       | 216        | 4.9                       | 159        | 3.6       | AMBZED LT OMEGA ET S3J ET               |              |  |  |          |  |  |
| 21329<br>93886380     |                        | ZRCD210329 | 6.01          |                      |     |     |      |       |     |     |     | 441<br>52 117                                              | 4.8<br>39 107  | -0.30<br>39 89 | 10.2<br>46 115 | -0.11<br>46 92  | 14.2<br>32 79 | 5.1<br>24 89      | 96<br>26       | 4                    | 1         | 0   | 4551       | 204        | 4.5                       | 167        | 3.7       | ALL LYNNS LOUIE VALENTINO-ET            |              |  |  |          |  |  |
| 21334<br>93895951     |                        | ZRCD210334 | 6.01          |                      |     |     |      |       |     |     |     | 228<br>51 109                                              | 0.6<br>35 104  | -0.19<br>35 93 | 1.6<br>42 106  | -0.11<br>42 92  | 23.7<br>25 70 | -2.7<br>9 105     | 92<br>15       | 3                    | 1         | 0   | 4497       | 188        | 4.2                       | 142        | 3.2       | PUKETAWA KING CARRICK JG ET             |              |  |  |          |  |  |
| 21336<br>93886430     |                        | ZRCD210336 | 6.01          |                      |     |     |      |       |     |     |     | 42<br>51 103                                               | 12.9<br>37 114 | 0.17<br>37 108 | 6.5<br>44 111  | 0.08<br>44 110  | 18.3<br>26 75 | -2.5<br>12 104    | 99<br>15       | 4                    | 2         | 362 | 5209       | 252        | 4.9                       | 191        | 3.7       | PUKETAWA KING CARRICK JG ET             |              |  |  |          |  |  |
| 21348<br>93886547     |                        | ZRCD210348 | 6.01          |                      |     |     |      |       |     |     |     | -803<br>51 74                                              | -16.7<br>35 89 | 0.48<br>35 120 | -24.9<br>42 76 | 0.12<br>42 114  | 3.0<br>30 90  | -1.7<br>24 103    | 93<br>26       | 2                    | 1         | 0   | 2493       | 162        | 6.5                       | 103        | 4.1       | ALL LYNNS LOUIE VALENTINO-ET            |              |  |  |          |  |  |
| 21350<br>93886562     |                        | ZRCD210350 | 6.01          |                      |     |     |      |       |     |     |     | -139<br>51 97                                              | -0.3<br>37 103 | 0.11<br>37 105 | -3.8<br>44 100 | 0.03<br>44 105  | 3.7<br>26 90  | -4.1<br>12 107    | 99<br>15       | 4                    | 2         | 356 | 4497       | 219        | 4.9                       | 160        | 3.6       | PUKETAWA KING CARRICK JG ET             |              |  |  |          |  |  |
| 21358<br>93886604     |                        | ZRCD210358 | 5.73          |                      |     |     |      |       |     |     |     | 459<br>50 117                                              | 7.2<br>26 109  | -0.27<br>26 90 | 15.0<br>34 121 | -0.05<br>34 98  | 17.4<br>19 76 | 0.2<br>3 99       | 91<br>11       | 1                    | 1         | 0   | 5318       | 236        | 4.5                       | 193        | 3.6       | AMBZED LT OMEGA ET S3J ET<br>8216       | 2018         |  |  |          |  |  |
| 21368<br>93886703     |                        | ZRCD210368 | 6.01          |                      |     |     |      |       |     |     |     | 385<br>52 115                                              | 2.3<br>39 105  | -0.29<br>39 89 | 6.2<br>46 111  | -0.14<br>46 89  | 1.7<br>32 91  | 4.6<br>25 90      | 103<br>26      | 4                    | 2         | 339 | 5077       | 237        | 4.7                       | 178        | 3.5       | ALL LYNNS LOUIE VALENTINO-ET            |              |  |  |          |  |  |
| 21373<br>93886745     |                        | ZRCD210373 | 6.01          |                      |     |     |      |       |     |     |     | -171<br>51 96                                              | 5.8<br>37 108  | 0.25<br>37 111 | -4.4<br>44 99  | 0.04<br>44 106  | 15.1<br>26 78 | -4.6<br>9 108     | 92<br>15       | 4                    | 1         | 0   | 3782       | 204        | 5.4                       | 134        | 3.5       | PUKETAWA KING CARRICK JG ET             |              |  |  |          |  |  |
| 21379<br>93886786     |                        | ZRCD210379 | 5.73          |                      |     |     |      |       |     |     |     | 373<br>51 114                                              | -3.5<br>37 100 | -0.37<br>37 86 | 8.9<br>44 114  | -0.09<br>44 94  | 37.1<br>26 56 | -3.2<br>14 105    | 98<br>18       | 4                    | 2         | 342 | 5226       | 245        | 4.7                       | 185        | 3.5       | JX MOUNT ROCK VICEROY ALPHA {4}<br>8143 | 2018         |  |  |          |  |  |
| 21380<br>93896025     |                        | ZRCD210380 | 6.01          |                      |     |     |      |       |     |     |     | 328<br>43 113                                              | 11.7<br>19 113 | -0.10<br>19 97 | 11.2<br>29 116 | -0.03<br>29 100 | 5.1<br>11 88  | 0.3<br>2 99       | 99<br>6        | 2                    | 1         | 0   | 5708       | 267        | 4.7                       | 196        | 3.4       | 19155                                   | 2019         |  |  |          |  |  |
| 21383<br>93886810     |                        | ZRCD210383 | 6.01          |                      |     |     |      |       |     |     |     | -842<br>43 72                                              | -24.0<br>19 83 | 0.39<br>19 116 | -24.6<br>29 76 | 0.16<br>29 118  | 0.5<br>10 93  | -8.4<br>1 116     | 86<br>4        | 2                    | 1         | 0   | 2119       | 111        | 5.2                       | 81         | 3.8       | 7065                                    | 2017         |  |  |          |  |  |
| 21389<br>93886869     |                        | ZRCD210389 | 6.01          |                      |     |     |      |       |     |     |     | -145<br>51 96                                              | 13.5<br>36 115 | 0.35<br>36 115 | 1.4<br>44 105  | 0.12<br>44 114  | 34.6<br>26 59 | -4.3<br>12 108    | 92<br>15       | 4                    | 2         | 347 | 3990       | 209        | 5.2                       | 150        | 3.8       | PUKETAWA KING CARRICK JG ET             |              |  |  |          |  |  |
| 21396<br>93886919     |                        | ZRCD210396 | 6.01          |                      |     |     |      |       |     |     |     | 713<br>50 126                                              | 8.7<br>35 111  | -0.44<br>35 83 | 17.3<br>43 123 | -0.16<br>43 88  | 17.8<br>23 75 | -0.1<br>3 99      | 85<br>11       | 4                    | 1         | 0   | 4837       | 214        | 4.4                       | 162        | 3.4       | AMBZED LT OMEGA ET S3J ET               |              |  |  |          |  |  |
| 21397<br>93886927     |                        | ZRCD210397 | 5.71          |                      |     |     |      |       |     |     |     | 193<br>52 108                                              | -0.2<br>39 103 | -0.18<br>39 94 | 0.1<br>46 104  | -0.12<br>46 91  | -0.1<br>32 93 | 5.8<br>25 88      | 103<br>26      | 4                    | 2         | 331 | 4597       | 223        | 4.9                       | 156        | 3.4       | ALL LYNNS LOUIE VALENTINO-ET<br>19144   | 2019         |  |  |          |  |  |
| 21398<br>93896033     |                        | ZRCD210398 | 5.73          |                      |     |     |      |       |     |     |     | -206<br>51 94                                              | -16.1<br>37 89 | -0.10<br>37 97 | -10.3<br>44 92 | -0.04<br>44 99  | 21.1<br>26 72 | -5.3<br>13 110    | 98<br>18       | 4                    | 2         | 355 | 4379       | 219        | 5.0                       | 157        | 3.6       | JX MOUNT ROCK VICEROY ALPHA {4}<br>8112 | 2018         |  |  |          |  |  |
| 21399<br>93886935     |                        | ZRCD210399 | 6.01          |                      |     |     |      |       |     |     |     | 81<br>50 104                                               | -0.3<br>28 103 | -0.08<br>28 98 | 0.3<br>35 104  | -0.05<br>35 98  | 10.1<br>22 83 | -3.8<br>9 107     | 97<br>15       | 1                    | 1         | 0   | 5036       | 221        | 4.4                       | 178        | 3.5       | PUKETAWA KING CARRICK JG ET             |              |  |  |          |  |  |

# Cows

Animals sorted on farmersnumber within birth year

\*Inbreeding in red is high

Above breed average

Top 10% of the breed

Bottom 10% of the breed

G = Genomically enhanced EBV

| Cow                   |                        |            |               | Selection Indices |     |     |      |       |     |     |     | Breeding Values (EBV), Reliabilities (B) and Indices (Ind) |                |                 |                |                 |                |                |          |       |   |     |      |          | Average Production Values |         |             |  |  |           |     | Pedigree   |            |                                         |            |           |             |              |
|-----------------------|------------------------|------------|---------------|-------------------|-----|-----|------|-------|-----|-----|-----|------------------------------------------------------------|----------------|-----------------|----------------|-----------------|----------------|----------------|----------|-------|---|-----|------|----------|---------------------------|---------|-------------|--|--|-----------|-----|------------|------------|-----------------------------------------|------------|-----------|-------------|--------------|
| FarmNr<br>Regno       | Parent<br>Verification | Name       | % In-<br>brd* | SAI               | CYI | FMI | Body | Udder | F&L | BWC | EFI | Milk                                                       |                | Bfat            |                | Bfat%           |                | Prot           |          | Prot% |   | SCS |      | Calf Int |                           | HerdLif | Tests/lact. |  |  | Nr<br>Lac | ICP | Kg<br>Milk | Kg<br>Bfat | %<br>Bfat                               | Kg<br>Prot | %<br>Prot | Sire<br>Dam | Dam<br>Byear |
| Active Breed Average: |                        |            | 7.28          | 102               | 102 | 102 | 101  | 101   | 101 | 101 | 101 | 38                                                         | 5.2            | 0.06            | 2.7            | 0.02            | -4.0           | -0.7           | 103      |       |   |     |      |          |                           |         |             |  |  |           |     |            |            |                                         |            |           |             |              |
|                       |                        |            |               |                   |     |     |      |       |     |     |     | Year of Birth : 2021                                       |                |                 |                |                 |                |                |          |       |   |     |      |          |                           |         |             |  |  |           |     |            |            |                                         |            |           |             |              |
| 21403<br>93886968     |                        | ZRCD210403 | 6.01          |                   |     |     |      |       |     |     |     | 57<br>44 103                                               | -9.5<br>15 95  | -0.21<br>15 92  | -1.1<br>23 103 | -0.06<br>23 97  | 5.3<br>10 88   | -3.9<br>4 107  | 100<br>8 | 1     | 1 | 0   | 5040 | 219      | 4.3                       | 167     | 3.3         |  |  |           |     |            |            | 19313                                   |            |           | 2019        |              |
| 21404<br>93886976     |                        | ZRCD210404 | 6.01          |                   |     |     |      |       |     |     |     | 16<br>51 102                                               | -23.9<br>32 83 | -0.41<br>32 84  | -10.3<br>40 92 | -0.18<br>40 86  | 33.6<br>24 60  | -6.1<br>11 111 | 96<br>18 | 2     | 1 | 0   | 4798 | 203      | 4.2                       | 147     | 3.1         |  |  |           |     |            |            | JX MOUNT ROCK VICEROY ALPHA {4}         |            |           |             |              |
| 21410<br>93887008     |                        | ZRCD210410 | 6.01          |                   |     |     |      |       |     |     |     | -367<br>45 89                                              | -18.4<br>28 87 | 0.01<br>28 101  | -11.2<br>37 91 | 0.05<br>37 107  | -9.5<br>16 103 | -6.1<br>6 111  | 93<br>8  | 4     | 2 | 378 | 3163 | 148      | 4.7                       | 117     | 3.7         |  |  |           |     |            |            | 19294                                   |            |           | 2019        |              |
| 21411<br>93896074     |                        | ZRCD210411 | 5.59          |                   |     |     |      |       |     |     |     | 518<br>51 119                                              | -7.9<br>32 96  | -0.54<br>32 79  | 7.9<br>40 113  | -0.19<br>40 85  | 24.9<br>24 68  | 1.6<br>11 96   | 93<br>18 | 2     | 1 | 0   | 6439 | 265      | 4.1                       | 210     | 3.3         |  |  |           |     |            |            | JX MOUNT ROCK VICEROY ALPHA {4}<br>6191 |            |           | 2016        |              |
| 21413<br>93887016     |                        | ZRCD210413 | 6.01          |                   |     |     |      |       |     |     |     | 31<br>52 103                                               | -6.6<br>39 97  | -0.15<br>39 95  | -4.9<br>46 98  | -0.10<br>46 93  | -2.0<br>32 95  | 0.8<br>24 98   | 97<br>26 | 4     | 1 | 0   | 3219 | 168      | 5.2                       | 125     | 3.9         |  |  |           |     |            |            | ALL LYNNS LOUIE VALENTINO-ET            |            |           |             |              |
| 21416<br>93887040     |                        | ZRCD210416 | 6.01          |                   |     |     |      |       |     |     |     | -266<br>51 92                                              | -6.8<br>35 97  | 0.12<br>35 106  | -8.4<br>43 94  | 0.03<br>43 105  | 21.6<br>25 72  | -4.5<br>12 108 | 92<br>15 | 3     | 2 | 392 | 3534 | 174      | 4.9                       | 132     | 3.7         |  |  |           |     |            |            | PUKETAWA KING CARRICK JG ET             |            |           |             |              |
| 21417<br>93901551     |                        | ZRCD210417 | 5.73          |                   |     |     |      |       |     |     |     | 664<br>52 124                                              | 24.5<br>38 124 | -0.17<br>38 94  | 22.0<br>44 129 | -0.06<br>44 97  | 10.2<br>31 83  | 8.4<br>24 83   | 95<br>26 | 3     | 1 | 0   | 5326 | 275      | 5.2                       | 202     | 3.8         |  |  |           |     |            |            | ALL LYNNS LOUIE VALENTINO-ET<br>8212    |            |           | 2018        |              |
| 21419<br>93896108     |                        | ZRCD210419 | 6.01          |                   |     |     |      |       |     |     |     | -159<br>51 96                                              | -2.0<br>37 101 | 0.10<br>37 105  | -5.2<br>44 98  | 0.02<br>44 104  | 6.2<br>26 87   | -4.4<br>12 108 | 99<br>15 | 4     | 2 | 364 | 4388 | 213      | 4.9                       | 157     | 3.6         |  |  |           |     |            |            | PUKETAWA KING CARRICK JG ET             |            |           |             |              |
| 21421<br>93887065     |                        | ZRCD210421 | 6.01          |                   |     |     |      |       |     |     |     | 859<br>50 131                                              | 3.0<br>33 106  | -0.62<br>33 76  | 16.5<br>41 122 | -0.25<br>41 79  | 14.8<br>22 78  | -0.4<br>6 100  | 93<br>11 | 3     | 2 | 318 | 5685 | 246      | 4.3                       | 192     | 3.4         |  |  |           |     |            |            | AMBZED LT OMEGA ET S3J ET               |            |           |             |              |
| 21426<br>93887107     |                        | ZRCD210426 | 6.01          |                   |     |     |      |       |     |     |     | 544<br>44 120                                              | 7.0<br>25 109  | -0.34<br>25 87  | 13.4<br>34 119 | -0.12<br>34 91  | -0.7<br>14 94  | 2.4<br>4 95    | 90<br>8  | 3     | 1 | 0   | 5133 | 212      | 4.1                       | 171     | 3.3         |  |  |           |     |            |            | 19257                                   |            |           | 2019        |              |
| 21427<br>93887115     |                        | ZRCD210427 | 5.73          |                   |     |     |      |       |     |     |     | 1052<br>51 138                                             | 26.7<br>36 126 | -0.42<br>36 84  | 32.3<br>44 140 | -0.12<br>44 91  | 22.7<br>24 71  | 4.0<br>6 92    | 88<br>11 | 4     | 2 | 329 | 5981 | 269      | 4.5                       | 210     | 3.5         |  |  |           |     |            |            | AMBZED LT OMEGA ET S3J ET<br>8211       |            |           | 2018        |              |
|                       |                        |            |               |                   |     |     |      |       |     |     |     | Year of Birth : 2022                                       |                |                 |                |                 |                |                |          |       |   |     |      |          |                           |         |             |  |  |           |     |            |            |                                         |            |           |             |              |
| 22003<br>93887123     |                        | ZRCD220003 | 6.18          |                   |     |     |      |       |     |     |     | 126<br>44 106                                              | -8.9<br>22 95  | -0.26<br>22 90  | -0.7<br>31 103 | -0.09<br>31 94  | 9.7<br>13 84   | -0.2<br>4 100  | 100<br>8 | 2     | 1 | 0   | 5367 | 212      | 4.0                       | 174     | 3.2         |  |  |           |     |            |            | 19279                                   |            |           | 2019        |              |
| 22005<br>93887131     |                        | ZRCD220005 | 6.18          |                   |     |     |      |       |     |     |     | 45<br>42 103                                               | 1.9<br>18 105  | -0.02<br>18 100 | 3.4<br>28 108  | 0.03<br>28 105  | -7.9<br>9 101  | -1.3<br>1 102  | 95<br>4  | 2     | 1 | 0   | 4504 | 217      | 4.8                       | 176     | 3.9         |  |  |           |     |            |            | 20112                                   |            |           | 2020        |              |
| 22006<br>93887149     |                        | ZRCD220006 | 6.18          |                   |     |     |      |       |     |     |     | -248<br>43 93                                              | -21.0<br>14 85 | -0.14<br>14 95  | -16.1<br>22 86 | -0.11<br>22 92  | -2.4<br>8 96   | -2.6<br>2 104  | 97<br>7  | 1     | 1 | 0   | 4440 | 192      | 4.3                       | 150     | 3.4         |  |  |           |     |            |            | 19302                                   |            |           | 2019        |              |
| 22008<br>93887164     |                        | ZRCD220008 | 6.18          |                   |     |     |      |       |     |     |     | 369<br>44 114                                              | 4.1<br>21 107  | -0.25<br>21 91  | 6.0<br>31 111  | -0.13<br>31 90  | 10.1<br>13 83  | 3.2<br>4 93    | 95<br>8  | 2     | 1 | 0   | 5347 | 246      | 4.6                       | 183     | 3.4         |  |  |           |     |            |            | 20069                                   |            |           | 2020        |              |
| 22014<br>93887214     |                        | ZRCD220014 | 6.18          |                   |     |     |      |       |     |     |     | 353<br>50 114                                              | 2.5<br>31 105  | -0.26<br>31 90  | 8.6<br>39 114  | -0.08<br>39 95  | 25.9<br>21 67  | -1.6<br>3 102  | 89<br>11 | 2     | 1 | 0   | 5020 | 211      | 4.2                       | 163     | 3.3         |  |  |           |     |            |            | AMBZED LT OMEGA ET S3J ET               |            |           |             |              |
| 22016<br>93887230     |                        | ZRCD220016 | 6.18          |                   |     |     |      |       |     |     |     | 268<br>50 111                                              | 8.1<br>31 110  | -0.10<br>31 97  | 8.9<br>39 114  | -0.03<br>39 100 | 2.9<br>21 90   | -2.8<br>3 105  | 89<br>11 | 2     | 1 | 0   | 4649 | 225      | 4.8                       | 163     | 3.5         |  |  |           |     |            |            | AMBZED LT OMEGA ET S3J ET               |            |           |             |              |
| 22017<br>93887248     |                        | ZRCD220017 | 6.14          |                   |     |     |      |       |     |     |     | 244<br>52 110                                              | 35.7<br>30 134 | 0.35<br>30 115  | 26.5<br>37 134 | 0.27<br>37 128  | 13.2<br>23 80  | 1.5<br>6 96    | 88<br>14 | 1     | 1 | 0   | 5295 | 325      | 6.1                       | 237     | 4.5         |  |  |           |     |            |            | AMBZED LT OMEGA ET S3J ET<br>20015      |            |           | 2020        |              |

# Cows

Animals sorted on farmersnumber within birth year

\*Inbreeding in red is high

Above breed average

Top 10% of the breed

Bottom 10% of the breed

G = Genomically enhanced EBV

| Cow                   |                        |            |               | Selection Indices    |     |     |      |       |     |     |     | Breeding Values (EBV), Reliabilities (B) and Indices (Ind) |              |                |               |                |              |                   |                |                      |           |     |            |            | Average Production Values |            |           |                                          |              |  |  | Pedigree |  |  |  |
|-----------------------|------------------------|------------|---------------|----------------------|-----|-----|------|-------|-----|-----|-----|------------------------------------------------------------|--------------|----------------|---------------|----------------|--------------|-------------------|----------------|----------------------|-----------|-----|------------|------------|---------------------------|------------|-----------|------------------------------------------|--------------|--|--|----------|--|--|--|
| FarmNr<br>Regno       | Parent<br>Verification | Name       | % In-<br>brd* | SAI                  | CYI | FMI | Body | Udder | F&L | BWC | EFI | Milk<br>B                                                  | Bfat<br>Ind  | Bfat%<br>B Ind | Prot<br>B Ind | Prot%<br>B Ind | SCS<br>B Ind | Calf Int<br>B Ind | HerdLif<br>B e | Tests/lact.<br>1 2 3 | Nr<br>Lac | ICP | Kg<br>Milk | Kg<br>Bfat | %<br>Bfat                 | Kg<br>Prot | %<br>Prot | Sire<br>Dam                              | Dam<br>Byear |  |  |          |  |  |  |
| Active Breed Average: |                        |            | 7.28          | 102                  | 102 | 102 | 101  | 101   | 101 | 101 | 101 | 38                                                         | 5.2          | 0.06           | 2.7           | 0.02           | -4.0         | -0.7              | 103            |                      |           |     |            |            |                           |            |           |                                          |              |  |  |          |  |  |  |
|                       |                        |            |               | Year of Birth : 2022 |     |     |      |       |     |     |     |                                                            |              |                |               |                |              |                   |                |                      |           |     |            |            |                           |            |           |                                          |              |  |  |          |  |  |  |
| 22020<br>93887271     |                        | ZRCD220020 | 6.18          |                      |     |     |      |       |     |     |     | -193<br>50                                                 | -6.8<br>95   | 0.05<br>28     | -9.5<br>103   | -0.03<br>35    | 8.3<br>93    | -4.2<br>107       | 96<br>15       | 1                    | 1         | 0   | 4545       | 201        | 4.4                       | 142        | 3.1       | PUKETAWA KING CARRICK JG ET              |              |  |  |          |  |  |  |
| 22023<br>93887305     |                        | ZRCD220023 | 6.18          |                      |     |     |      |       |     |     |     | 931<br>44                                                  | 15.8<br>134  | -0.49<br>21    | 22.6<br>81    | -0.20<br>31    | -3.0<br>129  | 5.1<br>31         | 97<br>84       | 2                    | 1         | 0   | 6222       | 277        | 4.5                       | 207        | 3.3       | 19361                                    | 2019         |  |  |          |  |  |  |
| 22025<br>93896132     |                        | ZRCD220025 | 6.18          |                      |     |     |      |       |     |     |     | -161<br>51                                                 | 0.8<br>96    | 0.15<br>28     | 2.7<br>104    | 0.15<br>107    | 33.3<br>35   | -4.5<br>117       | 95<br>22       | 1                    | 1         | 0   | 4985       | 276        | 5.5                       | 209        | 4.2       | JX MOUNT ROCK VICEROY ALPHA {4}          |              |  |  |          |  |  |  |
| 22026<br>93887321     |                        | ZRCD220026 | 6.14          |                      |     |     |      |       |     |     |     | 252<br>52                                                  | 7.9<br>110   | -0.09<br>30    | 10.4<br>110   | 0.01<br>97     | 27.6<br>37   | -1.0<br>103       | 87<br>14       | 1                    | 1         | 0   | 4368       | 195        | 4.5                       | 151        | 3.5       | AMBZED LT OMEGA ET S3J ET<br>20037       | 2020         |  |  |          |  |  |  |
| 22027<br>93896140     |                        | ZRCD220027 | 5.71          |                      |     |     |      |       |     |     |     | -284<br>44                                                 | -8.4<br>92   | 0.11<br>15     | -8.7<br>105   | 0.04<br>24     | 9.0<br>94    | -5.5<br>106       | 92<br>6        | 1                    | 1         | 0   | 4239       | 191        | 4.5                       | 136        | 3.2       | MERRIFIELDS SHOWMAN ET<br>19036          | 2019         |  |  |          |  |  |  |
| 22034<br>93887388     |                        | ZRCD220034 | 4.28          |                      |     |     |      |       |     |     |     | 2<br>53                                                    | 8.3<br>101   | 0.13<br>32     | 2.1<br>106    | 0.03<br>39     | 9.9<br>106   | -0.3<br>26        | 101<br>83      | 1                    | 1         | 0   | 4840       | 247        | 5.1                       | 190        | 3.9       | PUKETAWA KING CARRICK JG ET<br>16174     | 2016         |  |  |          |  |  |  |
| 22041<br>93887420     |                        | ZRCD220041 | 3.87          |                      |     |     |      |       |     |     |     | 87<br>51                                                   | -0.5<br>104  | -0.09<br>28    | 5.1<br>103    | 0.03<br>97     | 14.1<br>36   | -4.3<br>105       | 94<br>13       | 1                    | 1         | 0   | 4004       | 200        | 5.0                       | 156        | 3.9       | AMBZED LT OMEGA ET S3J ET<br>19334       | 2019         |  |  |          |  |  |  |
| 22043<br>93887446     |                        | ZRCD220043 | 6.18          |                      |     |     |      |       |     |     |     | -378<br>51                                                 | -27.7<br>88  | -0.14<br>28    | -17.5<br>95   | -0.05<br>35    | 21.2<br>84   | -7.8<br>98        | 96<br>22       | 1                    | 1         | 0   | 3972       | 185        | 4.7                       | 140        | 3.5       | JX MOUNT ROCK VICEROY ALPHA {4}          |              |  |  |          |  |  |  |
| 22044<br>93887453     |                        | ZRCD220044 | 5.82          |                      |     |     |      |       |     |     |     | 257<br>50                                                  | 14.5<br>110  | 0.00<br>28     | 17.3<br>101   | 0.11<br>36     | 23.5<br>123  | 0.5<br>36         | 84<br>113      | 2                    | 1         | 0   | 4584       | 216        | 4.7                       | 169        | 3.7       | AMBZED LT OMEGA ET S3J ET<br>7421        | 2017         |  |  |          |  |  |  |
| 22048<br>93901544     |                        | ZRCD220048 | 5.73          |                      |     |     |      |       |     |     |     | -432<br>50                                                 | -5.8<br>87   | 0.30<br>32     | -10.2<br>113  | 0.12<br>40     | 18.1<br>92   | -5.2<br>40        | 97<br>114      | 2                    | 1         | 0   | 3507       | 167        | 4.8                       | 123        | 3.5       | PUKETAWA KING CARRICK JG ET<br>8272      | 2018         |  |  |          |  |  |  |
| 22051<br>93887479     |                        | ZRCD220051 | 6.18          |                      |     |     |      |       |     |     |     | -25<br>42                                                  | -6.7<br>101  | -0.10<br>18    | -4.7<br>97    | -0.06<br>28    | -4.8<br>99   | -0.5<br>97        | 95<br>9        | 2                    | 1         | 0   | 4374       | 212        | 4.9                       | 150        | 3.4       | 19016                                    | 2019         |  |  |          |  |  |  |
| 22060<br>93887529     |                        | ZRCD220060 | 6.18          |                      |     |     |      |       |     |     |     | 49<br>44                                                   | 4.4<br>103   | 0.02<br>15     | 3.2<br>107    | 0.02<br>15     | 7.5<br>102   | -1.9<br>24        | 85<br>107      | 1                    | 1         | 0   | 4341       | 222        | 5.1                       | 157        | 3.6       | 19357                                    | 2019         |  |  |          |  |  |  |
| 22065<br>93887578     |                        | ZRCD220065 | 5.69          |                      |     |     |      |       |     |     |     | 458<br>51                                                  | -11.0<br>117 | -0.55<br>28    | 5.4<br>94     | -0.19<br>28    | 9.7<br>79    | 1.2<br>35         | 95<br>110      | 1                    | 1         | 0   | 6105       | 239        | 3.9                       | 190        | 3.1       | JX MOUNT ROCK VICEROY ALPHA {4}<br>16486 | 2016         |  |  |          |  |  |  |
| 22067<br>93896173     |                        | ZRCD220067 | 5.73          |                      |     |     |      |       |     |     |     | 950<br>51                                                  | 14.2<br>134  | -0.52<br>31    | 23.0<br>80    | -0.20<br>40    | 36.8<br>130  | 8.1<br>40         | 90<br>21       | 2                    | 1         | 0   | 6580       | 296        | 4.5                       | 204        | 3.1       | AMBZED LT OMEGA ET S3J ET<br>8218        | 2018         |  |  |          |  |  |  |
| 22072<br>93887610     |                        | ZRCD220072 | 6.18          |                      |     |     |      |       |     |     |     | -320<br>50                                                 | -4.2<br>90   | 0.22<br>32     | -10.3<br>109  | 0.04<br>40     | 19.1<br>106  | -6.4<br>24        | 96<br>74       | 2                    | 1         | 0   | 3817       | 188        | 4.9                       | 144        | 3.8       | PUKETAWA KING CARRICK JG ET              |              |  |  |          |  |  |  |
| 22073<br>93887628     |                        | ZRCD220073 | 6.18          |                      |     |     |      |       |     |     |     | -219<br>43                                                 | 3.9<br>94    | 0.25<br>18     | -1.5<br>111   | 0.12<br>29     | -8.5<br>102  | -3.8<br>114       | 95<br>9        | 2                    | 1         | 0   | 4052       | 212        | 5.2                       | 151        | 3.7       | 19020                                    | 2019         |  |  |          |  |  |  |
| 22074<br>93887636     |                        | ZRCD220074 | 6.18          |                      |     |     |      |       |     |     |     | 385<br>50                                                  | 6.6<br>115   | -0.22<br>32    | 7.3<br>92     | -0.12<br>40    | 22.7<br>91   | -0.1<br>24        | 95<br>99       | 2                    | 1         | 0   | 5743       | 244        | 4.3                       | 184        | 3.2       | PUKETAWA KING CARRICK JG ET              |              |  |  |          |  |  |  |
| 22076<br>93887651     |                        | ZRCD220076 | 6.18          |                      |     |     |      |       |     |     |     | 62<br>50                                                   | 1.4<br>104   | -0.04<br>28    | 1.2<br>99     | -0.02<br>34    | 7.7<br>105   | -3.3<br>21        | 96<br>86       | 1                    | 1         | 0   | 4906       | 199        | 4.1                       | 168        | 3.4       | PUKETAWA KING CARRICK JG ET              |              |  |  |          |  |  |  |
| 22084<br>93896199     |                        | ZRCD220084 | 5.71          |                      |     |     |      |       |     |     |     | -81<br>50                                                  | 8.8<br>99    | 0.21<br>32     | 4.6<br>109    | 0.13<br>40     | 19.1<br>109  | -1.0<br>40        | 94<br>115      | 2                    | 1         | 0   | 4216       | 214        | 5.1                       | 169        | 4.0       | PUKETAWA KING CARRICK JG ET<br>19028     | 2019         |  |  |          |  |  |  |

# Cows

Animals sorted on farmersnumber within birth year

\*Inbreeding in red is high

Above breed average

Top 10% of the breed

Bottom 10% of the breed

G = Genomically enhanced EBV

| Cow                   |                        |            |               | Selection Indices |     |     |      |       |     |     |     | Breeding Values (EBV), Reliabilities (B) and Indices (Ind) |                    |                 |                |                 |               |                |     |       |   |     |      |          | Average Production Values |         |     |                                   |  |  |           | Pedigree |            |            |           |            |           |             |              |  |
|-----------------------|------------------------|------------|---------------|-------------------|-----|-----|------|-------|-----|-----|-----|------------------------------------------------------------|--------------------|-----------------|----------------|-----------------|---------------|----------------|-----|-------|---|-----|------|----------|---------------------------|---------|-----|-----------------------------------|--|--|-----------|----------|------------|------------|-----------|------------|-----------|-------------|--------------|--|
| FarmNr<br>Regno       | Parent<br>Verification | Name       | % In-<br>brd* | SAI               | CYI | FMI | Body | Udder | F&L | BWC | EFI | Milk                                                       |                    | Bfat            |                | Bfat%           |               | Prot           |     | Prot% |   | SCS |      | Calf Int |                           | HerdLif |     | Tests/lact.                       |  |  | Nr<br>Lac | ICP      | Kg<br>Milk | Kg<br>Bfat | %<br>Bfat | Kg<br>Prot | %<br>Prot | Sire<br>Dam | Dam<br>Byear |  |
| Active Breed Average: |                        |            | 7.28          | 102               | 102 | 102 | 101  | 101   | 101 | 101 | 101 | 38                                                         | 5.2                | 0.06            | 2.7            | 0.02            | -4.0          | -0.7           | 103 |       |   |     |      |          |                           |         |     |                                   |  |  |           |          |            |            |           |            |           |             |              |  |
|                       |                        |            |               |                   |     |     |      |       |     |     |     | Year of Birth : 2022                                       |                    |                 |                |                 |               |                |     |       |   |     |      |          |                           |         |     |                                   |  |  |           |          |            |            |           |            |           |             |              |  |
| 22085<br>93901569     |                        | ZRCD220085 | 6.18          |                   |     |     |      |       |     |     |     | 21<br>42                                                   | -12.2<br>102 12 93 | -0.23<br>12 92  | -6.0<br>20 97  | -0.11<br>20 92  | 10.4<br>6 83  | -1.8<br>103 4  | 96  | 1     | 1 | 0   | 4364 | 195      | 4.5                       | 149     | 3.4 | 8242                              |  |  |           |          |            | 2018       |           |            |           |             |              |  |
| 22089<br>93887719     |                        | ZRCD220089 | 6.18          |                   |     |     |      |       |     |     |     | -275<br>43                                                 | -4.5<br>92 13 99   | 0.16<br>13 107  | -8.4<br>22 94  | 0.04<br>22 106  | 12.6<br>7 81  | -2.9<br>105 4  | 96  | 1     | 1 | 0   | 4483 | 237      | 5.3                       | 161     | 3.6 | 19009                             |  |  |           |          |            | 2019       |           |            |           |             |              |  |
| 22090<br>93887727     |                        | ZRCD220090 | 6.18          |                   |     |     |      |       |     |     |     | -322<br>51                                                 | -24.4<br>90 32 82  | -0.14<br>32 95  | -15.3<br>40 87 | -0.05<br>40 98  | 29.0<br>24 64 | -6.3<br>11 112 | 95  | 2     | 1 | 0   | 4346 | 182      | 4.2                       | 140     | 3.2 | JX MOUNT ROCK VICEROY ALPHA {4}   |  |  |           |          |            |            |           |            |           |             |              |  |
| 22093<br>93887735     |                        | ZRCD220093 | 6.18          |                   |     |     |      |       |     |     |     | 400<br>50                                                  | 9.9<br>115 32 112  | -0.18<br>32 94  | 9.5<br>40 115  | -0.09<br>40 94  | 25.3<br>24 68 | 0.7<br>98 15   | 96  | 2     | 1 | 0   | 5984 | 254      | 4.2                       | 204     | 3.4 | PUKETAWA KING CARRICK JG ET       |  |  |           |          |            |            |           |            |           |             |              |  |
| 22095<br>93887743     |                        | ZRCD220095 | 5.65          |                   |     |     |      |       |     |     |     | -76<br>50                                                  | 5.2<br>99 30 108   | 0.15<br>30 107  | 5.0<br>39 110  | 0.13<br>39 115  | 15.8<br>21 77 | -3.4<br>106 11 | 84  | 2     | 1 | 0   | 3844 | 207      | 5.4                       | 147     | 3.8 | AMBZED LT OMEGA ET S3J ET<br>5013 |  |  |           |          |            | 2015       |           |            |           |             |              |  |
| 22096<br>93887750     |                        | ZRCD220096 | 6.18          |                   |     |     |      |       |     |     |     | -277<br>50                                                 | 7.3<br>92 32 109   | 0.37<br>32 115  | -2.0<br>40 102 | 0.15<br>40 117  | 7.6<br>24 86  | -5.1<br>9 109  | 95  | 2     | 1 | 0   | 4194 | 219      | 5.2                       | 164     | 3.9 | PUKETAWA KING CARRICK JG ET       |  |  |           |          |            |            |           |            |           |             |              |  |
| 22097<br>93887768     |                        | ZRCD220097 | 6.18          |                   |     |     |      |       |     |     |     | -219<br>42                                                 | -9.6<br>94 18 95   | 0.03<br>18 102  | -3.5<br>28 100 | 0.09<br>28 111  | 13.3<br>9 80  | -1.2<br>102 4  | 90  | 2     | 1 | 0   | 4488 | 238      | 5.3                       | 181     | 4.0 | 4887                              |  |  |           |          |            | 2014       |           |            |           |             |              |  |
| 22099<br>93887784     |                        | ZRCD220099 | 6.18          |                   |     |     |      |       |     |     |     | 510<br>43                                                  | 12.7<br>119 20 114 | -0.23<br>20 92  | 17.7<br>30 124 | -0.03<br>30 100 | 18.6<br>11 75 | 0.2<br>99 7    | 96  | 2     | 1 | 0   | 5391 | 226      | 4.2                       | 194     | 3.6 | 19268                             |  |  |           |          |            | 2019       |           |            |           |             |              |  |
| 22100<br>93887792     |                        | ZRCD220100 | 6.18          |                   |     |     |      |       |     |     |     | 230<br>50                                                  | 4.1<br>109 28 107  | -0.13<br>28 96  | 3.5<br>35 108  | -0.09<br>35 94  | 16.5<br>22 77 | -1.4<br>9 102  | 96  | 1     | 1 | 0   | 5415 | 243      | 4.5                       | 188     | 3.5 | PUKETAWA KING CARRICK JG ET       |  |  |           |          |            |            |           |            |           |             |              |  |
| 22101<br>93887800     |                        | ZRCD220101 | 6.18          |                   |     |     |      |       |     |     |     | 39<br>44                                                   | 10.8<br>103 21 112 | 0.13<br>21 106  | 6.9<br>31 112  | 0.09<br>31 111  | 6.1<br>12 87  | -0.2<br>100 7  | 85  | 2     | 1 | 0   | 4425 | 230      | 5.2                       | 168     | 3.8 | 19363                             |  |  |           |          |            | 2019       |           |            |           |             |              |  |
| 22110<br>93887859     |                        | ZRCD220110 | 6.18          |                   |     |     |      |       |     |     |     | 575<br>50                                                  | 2.9<br>121 31 106  | -0.42<br>31 84  | 15.4<br>39 121 | -0.11<br>39 92  | 17.1<br>21 76 | -2.2<br>104 11 | 89  | 2     | 1 | 0   | 4766 | 210      | 4.4                       | 164     | 3.4 | AMBZED LT OMEGA ET S3J ET         |  |  |           |          |            |            |           |            |           |             |              |  |
| 22112<br>93887867     |                        | ZRCD220112 | 6.18          |                   |     |     |      |       |     |     |     | -173<br>43                                                 | -10.8<br>95 20 94  | -0.03<br>20 100 | -11.6<br>30 91 | -0.08<br>30 95  | 10.5<br>11 83 | -4.6<br>2 108  | 95  | 2     | 1 | 0   | 4403 | 207      | 4.7                       | 142     | 3.2 | 19156                             |  |  |           |          |            | 2019       |           |            |           |             |              |  |
| 22114<br>93887875     |                        | ZRCD220114 | 6.18          |                   |     |     |      |       |     |     |     | -189<br>44                                                 | -0.7<br>95 16 102  | 0.15<br>16 107  | -3.2<br>24 100 | 0.07<br>24 109  | -4.0<br>10 97 | -2.9<br>3 105  | 93  | 1     | 1 | 0   | 4566 | 266      | 5.8                       | 186     | 4.1 | 20032                             |  |  |           |          |            | 2020       |           |            |           |             |              |  |
| 22119<br>93887917     |                        | ZRCD220119 | 6.18          |                   |     |     |      |       |     |     |     | 463<br>50                                                  | 10.5<br>117 31 112 | -0.22<br>31 92  | 14.8<br>39 121 | -0.05<br>39 98  | 29.8<br>21 64 | -1.1<br>101 11 | 94  | 2     | 1 | 0   | 5121 | 236      | 4.6                       | 184     | 3.6 | AMBZED LT OMEGA ET S3J ET         |  |  |           |          |            |            |           |            |           |             |              |  |
| 22120<br>93887925     |                        | ZRCD220120 | 6.18          |                   |     |     |      |       |     |     |     | -224<br>44                                                 | -3.7<br>94 11 100  | 0.13<br>11 106  | -6.2<br>11 97  | 0.04<br>11 106  | 5.8<br>7 87   | -2.0<br>4 103  | 94  |       | 1 | 0   | 4169 | 214      | 5.1                       | 162     | 3.9 | 19338                             |  |  |           |          |            | 2019       |           |            |           |             |              |  |
| 22121<br>93887933     |                        | ZRCD220121 | 6.18          |                   |     |     |      |       |     |     |     | 445<br>50                                                  | 32.7<br>117 31 131 | 0.13<br>31 106  | 31.2<br>39 139 | 0.21<br>39 122  | 17.0<br>21 76 | -2.2<br>3 103  | 90  | 2     | 1 | 0   | 4784 | 278      | 5.8                       | 241     | 5.0 | AMBZED LT OMEGA ET S3J ET         |  |  |           |          |            |            |           |            |           |             |              |  |
| 22124<br>93887966     |                        | ZRCD220124 | 6.18          |                   |     |     |      |       |     |     |     | 644<br>50                                                  | 14.0<br>124 26 115 | -0.31<br>26 88  | 20.0<br>34 126 | -0.08<br>34 95  | 17.7<br>19 76 | 0.3<br>99 11   | 90  | 1     | 1 | 0   | 5606 | 253      | 4.5                       | 200     | 3.6 | AMBZED LT OMEGA ET S3J ET         |  |  |           |          |            |            |           |            |           |             |              |  |
| 22125<br>93887974     |                        | ZRCD220125 | 6.18          |                   |     |     |      |       |     |     |     | 54<br>43                                                   | -10.6<br>103 15 94 | -0.23<br>15 92  | -4.3<br>23 99  | -0.11<br>23 92  | 6.0<br>10 87  | -1.8<br>3 103  | 93  | 1     | 1 | 0   | 5085 | 226      | 4.5                       | 170     | 3.4 | 20091                             |  |  |           |          |            | 2020       |           |            |           |             |              |  |
| 22129<br>93887982     |                        | ZRCD220129 | 6.18          |                   |     |     |      |       |     |     |     | -430<br>44                                                 | -23.6<br>87 16 83  | -0.02<br>16 100 | -16.0<br>24 86 | 0.01<br>24 103  | -3.3<br>10 96 | -5.5<br>4 110  | 98  | 1     | 1 | 0   | 3941 | 190      | 4.8                       | 142     | 3.6 | 19337                             |  |  |           |          |            | 2019       |           |            |           |             |              |  |

# Cows

Animals sorted on farmersnumber within birth year

\*Inbreeding in red is high

Above breed average

Top 10% of the breed

Bottom 10% of the breed

G = Genomically enhanced EBV

| Cow                   |                        |            |               | Selection Indices |     |     |      |       |     |     |     | Breeding Values (EBV), Reliabilities (B) and Indices (Ind) |              |             |              |             |             |             |          |       |  |     |   |          | Average Production Values |         |             |     |     |                                 |                                 | Pedigree   |            |           |            |           |             |              |  |
|-----------------------|------------------------|------------|---------------|-------------------|-----|-----|------|-------|-----|-----|-----|------------------------------------------------------------|--------------|-------------|--------------|-------------|-------------|-------------|----------|-------|--|-----|---|----------|---------------------------|---------|-------------|-----|-----|---------------------------------|---------------------------------|------------|------------|-----------|------------|-----------|-------------|--------------|--|
| FarmNr<br>Regno       | Parent<br>Verification | Name       | % In-<br>brd* | SAI               | CYI | FMI | Body | Udder | F&L | BWC | EFI | Milk                                                       |              | Bfat        |              | Bfat%       |             | Prot        |          | Prot% |  | SCS |   | Calf Int |                           | HerdLif | Tests/lact. |     |     | Nr<br>Lac                       | ICP                             | Kg<br>Milk | Kg<br>Bfat | %<br>Bfat | Kg<br>Prot | %<br>Prot | Sire<br>Dam | Dam<br>Byear |  |
| Active Breed Average: |                        |            | 7.28          | 102               | 102 | 102 | 101  | 101   | 101 | 101 | 101 | 38                                                         | 5.2          | 0.06        | 2.7          | 0.02        | -4.0        | -0.7        | 103      |       |  |     |   |          |                           |         |             |     |     |                                 |                                 |            |            |           |            |           |             |              |  |
|                       |                        |            |               |                   |     |     |      |       |     |     |     | Year of Birth : 2022                                       |              |             |              |             |             |             |          |       |  |     |   |          |                           |         |             |     |     |                                 |                                 |            |            |           |            |           |             |              |  |
| 22131<br>93888006     |                        | ZRCD220131 | 6.18          |                   |     |     |      |       |     |     |     | -182<br>44                                                 | -6.4<br>95   | 0.05<br>16  | -5.6<br>103  | 0.02<br>24  | -0.2<br>98  | -2.8<br>10  | 98<br>8  | 1     |  |     |   | 1        | 0                         | 4138    | 208         | 5.0 | 144 | 3.5                             |                                 |            |            | 20087     |            |           |             | 2020         |  |
| 22133<br>93888022     |                        | ZRCD220133 | 5.71          |                   |     |     |      |       |     |     |     | -65<br>50                                                  | -14.9<br>99  | -0.20<br>28 | -4.9<br>93   | -0.04<br>34 | 17.6<br>98  | -2.9<br>34  | 95<br>18 | 1     |  |     |   | 1        | 0                         | 4838    | 213         | 4.4 | 162 | 3.3                             | JX MOUNT ROCK VICEROY ALPHA {4} |            |            | 19149     |            |           |             | 2019         |  |
| 22134<br>93888030     |                        | ZRCD220134 | 5.71          |                   |     |     |      |       |     |     |     | 660<br>50                                                  | 23.9<br>124  | -0.17<br>26 | 26.6<br>94   | 0.01<br>34  | 11.2<br>103 | 3.0<br>19   | 90<br>8  | 1     |  |     |   | 1        | 0                         | 5788    | 280         | 4.8 | 216 | 3.7                             | AMBZED LT OMEGA ET S3J ET       |            |            | 19048     |            |           |             | 2019         |  |
| 22139<br>93888063     |                        | ZRCD220139 | 6.18          |                   |     |     |      |       |     |     |     | 453<br>43                                                  | 6.2<br>117   | -0.28<br>20 | 8.6<br>90    | -0.14<br>30 | 11.4<br>89  | 1.3<br>11   | 99<br>7  | 2     |  |     |   | 1        | 0                         | 5646    | 241         | 4.3 | 184 | 3.3                             | 19307                           |            |            |           |            |           | 2019        |              |  |
| 22142<br>93888097     |                        | ZRCD220142 | 6.18          |                   |     |     |      |       |     |     |     | -348<br>42                                                 | 8.5<br>89    | 0.46<br>12  | -5.2<br>119  | 0.14<br>20  | -0.1<br>98  | -1.7<br>116 | 96<br>4  | 1     |  |     |   | 1        | 0                         | 4317    | 270         | 6.3 | 161 | 3.7                             | 7442                            |            |            |           |            |           | 2017        |              |  |
| 22146<br>93888121     |                        | ZRCD220146 | 6.18          |                   |     |     |      |       |     |     |     | -492<br>43                                                 | -14.2<br>84  | 0.20<br>14  | -17.6<br>109 | 0.03<br>23  | 3.8<br>84   | -6.3<br>105 | 99<br>7  | 1     |  |     |   | 1        | 0                         | 3552    | 192         | 5.4 | 136 | 3.8                             | 19318                           |            |            |           |            |           | 2019        |              |  |
| 22159<br>93888238     |                        | ZRCD220159 | 6.18          |                   |     |     |      |       |     |     |     | 62<br>13                                                   | -14.2<br>104 | -0.29<br>11 | -2.7<br>89   | -0.08<br>12 | 4.9<br>101  | -2.3<br>12  | 101<br>5 |       |  |     | 1 | 0        | 0                         | 0       | 0.0         | 0   | 0.0 | 20049                           |                                 |            |            |           |            | 2020      |             |              |  |
| 22172<br>93901734     |                        | ZRCD220172 | 6.18          |                   |     |     |      |       |     |     |     | -152<br>46                                                 | -7.4<br>96   | 0.00<br>19  | -4.9<br>101  | 0.02<br>27  | 1.0<br>98   | -2.7<br>104 | 95<br>8  | 1     |  |     |   | 1        | 0                         | 4120    | 200         | 4.9 | 147 | 3.6                             | 20229                           |            |            |           |            |           | 2020        |              |  |
| 22176<br>93888352     |                        | ZRCD220176 | 6.18          |                   |     |     |      |       |     |     |     | -108<br>13                                                 | -5.0<br>98   | 0.00<br>10  | -2.6<br>101  | 0.03<br>11  | 4.5<br>101  | -2.8<br>11  | 92<br>8  |       |  |     | 1 | 0        | 4686                      | 229     | 4.9         | 172 | 3.7 | 20156                           |                                 |            |            |           |            | 2020      |             |              |  |
| 22177<br>93888360     |                        | ZRCD220177 | 5.71          |                   |     |     |      |       |     |     |     | -674<br>43                                                 | -11.8<br>78  | 0.44<br>5   | -16.4<br>118 | 0.18<br>7   | 13.0<br>119 | -4.3<br>80  | 88<br>7  |       |  |     | 1 | 0        | 4526                      | 216     | 4.8         | 159 | 3.5 | GLEN LEITH QUIGLEY S2J ET       |                                 |            | 19217      |           |            |           | 2019        |              |  |
| 22180<br>93888394     |                        | ZRCD220180 | 6.18          |                   |     |     |      |       |     |     |     | -520<br>45                                                 | -27.0<br>83  | 0.00<br>21  | -19.3<br>101 | 0.02<br>22  | 23.3<br>104 | -5.9<br>18  | 95<br>15 |       |  |     | 1 | 0        | 0                         | 0       | 0.0         | 0   | 0.0 | JX MOUNT ROCK VICEROY ALPHA {4} |                                 |            |            |           |            |           |             |              |  |
| 22182<br>93888410     |                        | ZRCD220182 | 6.67          |                   |     |     |      |       |     |     |     | -167<br>52                                                 | 7.7<br>96    | 0.27<br>27  | -1.1<br>110  | 0.09<br>27  | 22.2<br>111 | -2.3<br>37  | 92<br>12 | 2     |  |     |   | 1        | 0                         | 3466    | 197         | 5.7 | 134 | 3.9                             | GLEN LEITH QUIGLEY S2J ET       |            |            | 19113     |            |           |             | 2019         |  |
| 22186<br>93895407     |                        | ZRCD220186 | 6.70          |                   |     |     |      |       |     |     |     | 567<br>48                                                  | 23.8<br>121  | -0.10<br>14 | 18.8<br>97   | -0.05<br>18 | 14.0<br>98  | 1.7<br>10   | 85<br>7  |       |  |     | 1 | 0        | 5669                      | 266     | 4.7         | 207 | 3.7 | GLEN LEITH QUIGLEY S2J ET       |                                 |            | 20332      |           |            |           | 2020        |              |  |
| 22190<br>93892768     |                        | ZRCD220190 | 6.18          |                   |     |     |      |       |     |     |     | 154<br>40                                                  | 2.7<br>107   | -0.10<br>11 | 6.6<br>105   | 0.01<br>11  | 13.1<br>12  | 1.4<br>103  | 86<br>9  |       |  |     | 1 | 0        | 5519                      | 242     | 4.4         | 187 | 3.4 | 20364                           |                                 |            |            |           |            | 2020      |             |              |  |
| 22197<br>93901577     |                        | ZRCD220197 | 6.18          |                   |     |     |      |       |     |     |     | 268<br>43                                                  | -5.8<br>111  | -0.32<br>16 | -1.7<br>98   | -0.19<br>16 | -11.3<br>88 | 4.5<br>25   | 86<br>4  | 2     |  |     |   | 1        | 0                         | 5044    | 236         | 4.7 | 182 | 3.6                             | 7325                            |            |            |           |            |           | 2017        |              |  |
| 22201<br>93895415     |                        | ZRCD220201 | 6.18          |                   |     |     |      |       |     |     |     | -131<br>23                                                 | -17.8<br>97  | -0.19<br>21 | -8.2<br>93   | -0.05<br>22 | 22.8<br>98  | -7.9<br>18  | 96<br>15 |       |  |     | 1 | 0        | 0                         | 0       | 0.0         | 0   | 0.0 | JX MOUNT ROCK VICEROY ALPHA {4} |                                 |            |            |           |            |           |             |              |  |
| 22202<br>93888550     |                        | ZRCD220202 | 6.18          |                   |     |     |      |       |     |     |     | -131<br>23                                                 | -17.8<br>97  | -0.19<br>21 | -8.2<br>93   | -0.05<br>22 | 23.3<br>98  | -5.9<br>18  | 95<br>15 |       |  |     | 1 | 0        | 0                         | 0       | 0.0         | 0   | 0.0 | JX MOUNT ROCK VICEROY ALPHA {4} |                                 |            |            |           |            |           |             |              |  |
| 22206<br>93888592     |                        | ZRCD220206 | 6.70          |                   |     |     |      |       |     |     |     | -162<br>52                                                 | -5.6<br>96   | 0.04<br>23  | -2.6<br>102  | 0.06<br>32  | 22.0<br>108 | -3.1<br>15  | 91<br>12 | 1     |  |     |   | 1        | 0                         | 4028    | 189         | 4.7 | 146 | 3.6                             | GLEN LEITH QUIGLEY S2J ET       |            |            | 20093     |            |           |             | 2020         |  |
| 22216<br>93895449     |                        | ZRCD220216 | 6.18          |                   |     |     |      |       |     |     |     | -18<br>40                                                  | 3.1<br>101   | 0.06<br>5   | 1.0<br>103   | 0.03<br>7   | 17.8<br>105 | -3.1<br>4   | 88<br>7  |       |  |     | 1 | 0        | 5573                      | 245     | 4.4         | 190 | 3.4 | GLEN LEITH QUIGLEY S2J ET       |                                 |            |            |           |            |           |             |              |  |

# Cows

Animals sorted on farmersnumber within birth year

\*Inbreeding in red is high

Above breed average

Top 10% of the breed

Bottom 10% of the breed

G = Genomically enhanced EBV

| Cow                   |                        |            |               | Selection Indices    |     |     |      |       |     |     |     | Breeding Values (EBV), Reliabilities (B) and Indices (Ind) |              |                |               |                |              |                   |                |                      |           |     |            |            | Average Production Values |            |           |             |                                          |      |  | Pedigree |  |  |
|-----------------------|------------------------|------------|---------------|----------------------|-----|-----|------|-------|-----|-----|-----|------------------------------------------------------------|--------------|----------------|---------------|----------------|--------------|-------------------|----------------|----------------------|-----------|-----|------------|------------|---------------------------|------------|-----------|-------------|------------------------------------------|------|--|----------|--|--|
| FarmNr<br>Regno       | Parent<br>Verification | Name       | % In-<br>brd* | SAI                  | CYI | FMI | Body | Udder | F&L | BWC | EFI | Milk<br>B                                                  | Bfat<br>Ind  | Bfat%<br>B Ind | Prot<br>B Ind | Prot%<br>B Ind | SCS<br>B Ind | Calf Int<br>B Ind | HerdLif<br>B ° | Tests/lact.<br>1 2 3 | Nr<br>Lac | ICP | Kg<br>Milk | Kg<br>Bfat | %<br>Bfat                 | Kg<br>Prot | %<br>Prot | Sire<br>Dam | Dam<br>Byear                             |      |  |          |  |  |
| Active Breed Average: |                        |            | 7.28          | 102                  | 102 | 102 | 101  | 101   | 101 | 101 | 101 | 38                                                         | 5.2          | 0.06           | 2.7           | 0.02           | -4.0         | -0.7              | 103            |                      |           |     |            |            |                           |            |           |             |                                          |      |  |          |  |  |
|                       |                        |            |               | Year of Birth : 2022 |     |     |      |       |     |     |     |                                                            |              |                |               |                |              |                   |                |                      |           |     |            |            |                           |            |           |             |                                          |      |  |          |  |  |
| 22223<br>93895472     |                        | ZRCD220223 | 4.54          |                      |     |     |      |       |     |     |     | -119<br>27                                                 | -0.9<br>97   | 0.08<br>15     | -2.3<br>18    | 0.04<br>18     | 17.0<br>11   | -0.5<br>5         | 77<br>100      |                      |           | 1   | 0          | 0          | 0                         | 0.0        | 0         | 0.0         | GLEN LEITH QUIGLEY S2J ET<br>20246       | 2020 |  |          |  |  |
| 22224<br>93888709     |                        | ZRCD220224 | 4.27          |                      |     |     |      |       |     |     |     | M -93<br>27                                                | M 3.7<br>98  | 0.15<br>19     | M 0.8<br>22   | 0.08<br>22     | M 26.4<br>18 | M -8.6<br>67      | M 98<br>116    |                      |           | 1   | 0          | 0          | 0                         | 0.0        | 0         | 0.0         | GLEN LEITH QUIGLEY S2J ET<br>20280       | 2020 |  |          |  |  |
| 22259<br>93889004     |                        | ZRCD220259 | 5.95          |                      |     |     |      |       |     |     |     | -106<br>52                                                 | -14.7<br>98  | -0.16<br>32    | -5.1<br>94    | -0.02<br>34    | 24.8<br>25   | -2.1<br>69        | 86<br>103      |                      |           | 1   | 0          | 5572       | 246                       | 4.4        | 190       | 3.4         | JX MOUNT ROCK VICEROY ALPHA {4}<br>20303 | 2020 |  |          |  |  |
| 22261<br>93889020     |                        | ZRCD220261 | 6.18          |                      |     |     |      |       |     |     |     | -62<br>35                                                  | -3.1<br>99   | 0.00<br>1      | -1.9<br>101   | 0.01<br>103    | 5.6<br>1     | 0.8<br>88         | 92<br>6        |                      |           | 1   | 0          | 5385       | 246                       | 4.6        | 187       | 3.5         | 15437                                    | 2015 |  |          |  |  |
| 22280<br>93889491     |                        | ZRCD220280 | 4.64          |                      |     |     |      |       |     |     |     | 323<br>53                                                  | -7.0<br>113  | -0.38<br>32    | 9.6<br>86     | -0.05<br>33    | 26.8<br>24   | -2.6<br>67        | 91<br>15       |                      |           | 1   | 0          | 5777       | 256                       | 4.4        | 198       | 3.4         | JX MOUNT ROCK VICEROY ALPHA {4}<br>20101 | 2020 |  |          |  |  |
| 22282<br>93889517     |                        | ZRCD220282 | 6.18          |                      |     |     |      |       |     |     |     | -549<br>45                                                 | -27.7<br>82  | 0.02<br>21     | -20.1<br>102  | 0.02<br>22     | 23.3<br>18   | -7.4<br>70        | 94<br>11       |                      |           | 1   | 0          | 4505       | 214                       | 4.8        | 157       | 3.5         | JX MOUNT ROCK VICEROY ALPHA {4}          |      |  |          |  |  |
| 22289<br>93889574     |                        | ZRCD220289 | 6.18          |                      |     |     |      |       |     |     |     | -447<br>47                                                 | -2.8<br>86   | 0.36<br>21     | -8.3<br>115   | 0.16<br>31     | 13.4<br>12   | -7.0<br>80        | 89<br>1        |                      | 2         | 1   | 0          | 3331       | 175                       | 5.3        | 140       | 4.2         | GLEN LEITH QUIGLEY S2J ET                |      |  |          |  |  |
| 22293<br>93889590     |                        | ZRCD220293 | 6.18          |                      |     |     |      |       |     |     |     | 338<br>47                                                  | 11.5<br>113  | -0.11<br>5     | 11.2<br>96    | -0.03<br>7     | 17.8<br>100  | -0.8<br>75        | 89<br>101      |                      |           | 1   | 0          | 5381       | 277                       | 5.2        | 218       | 4.1         | GLEN LEITH QUIGLEY S2J ET                |      |  |          |  |  |
| 22296<br>93895290     |                        | ZRCD220296 | 4.24          |                      |     |     |      |       |     |     |     | -89<br>48                                                  | 2.3<br>98    | 0.11<br>14     | 0.6<br>105    | 0.07<br>17     | 21.3<br>109  | -0.3<br>9         | 92<br>72       |                      |           | 1   | 0          | 5555       | 245                       | 4.4        | 189       | 3.4         | GLEN LEITH QUIGLEY S2J ET<br>20152       | 2020 |  |          |  |  |
| 22307<br>93889715     |                        | ZRCD220307 | 6.18          |                      |     |     |      |       |     |     |     | -131<br>23                                                 | -17.8<br>97  | -0.19<br>21    | -8.2<br>93    | -0.05<br>22    | M 22.8<br>18 | M -7.9<br>71      | M 96<br>114    |                      |           | 1   | 0          | 0          | 0                         | 0.0        | 0         | 0.0         | JX MOUNT ROCK VICEROY ALPHA {4}          |      |  |          |  |  |
| 22310<br>93889749     |                        | ZRCD220310 | 6.18          |                      |     |     |      |       |     |     |     | -161<br>46                                                 | -18.5<br>96  | -0.18<br>21    | -9.1<br>94    | -0.05<br>22    | 23.3<br>98   | -5.9<br>18        | 95<br>70       |                      |           | 1   | 0          | 0          | 0                         | 0.0        | 0         | 0.0         | JX MOUNT ROCK VICEROY ALPHA {4}          |      |  |          |  |  |
| 22313<br>93889772     |                        | ZRCD220313 | 4.61          |                      |     |     |      |       |     |     |     | 60<br>36                                                   | -8.2<br>104  | -0.19<br>32    | 2.3<br>93     | 0.00<br>33     | 19.6<br>24   | -2.5<br>74        | 97<br>15       |                      |           | 1   | 0          | 5177       | 230                       | 4.4        | 179       | 3.5         | JX MOUNT ROCK VICEROY ALPHA {4}<br>19192 | 2019 |  |          |  |  |
| 22318<br>93895597     |                        | ZRCD220318 | 6.18          |                      |     |     |      |       |     |     |     | -36<br>13                                                  | -2.1<br>100  | -0.01<br>10    | -1.9<br>100   | -0.01<br>11    | 2.7<br>102   | -4.4<br>7         | 93<br>90       |                      |           | 1   | 0          | 4078       | 204                       | 5.0        | 150       | 3.7         | 20349                                    | 2020 |  |          |  |  |
| 22321<br>93889855     |                        | ZRCD220321 | 6.18          |                      |     |     |      |       |     |     |     | -42<br>40                                                  | -14.6<br>100 | -0.22<br>11    | -1.5<br>92    | 0.00<br>12     | 6.9<br>103   | -3.2<br>7         | 98<br>86       |                      |           | 1   | 0          | 4563       | 225                       | 4.9        | 168       | 3.7         | 20115                                    | 2020 |  |          |  |  |
| 22331<br>93890333     |                        | ZRCD220331 | 6.18          |                      |     |     |      |       |     |     |     | -419<br>47                                                 | -7.6<br>87   | 0.25<br>15     | -10.8<br>111  | 0.10<br>24     | 25.4<br>92   | -6.5<br>24        | 90<br>112      |                      | 1         | 1   | 0          | 3597       | 183                       | 5.1        | 136       | 3.8         | GLEN LEITH QUIGLEY S2J ET                |      |  |          |  |  |
| 22336<br>93890382     |                        | ZRCD220336 | 6.18          |                      |     |     |      |       |     |     |     | 366<br>40                                                  | 12.2<br>114  | -0.12<br>5     | 12.0<br>96    | -0.04<br>7     | 17.8<br>4    | -2.8<br>75        | 88<br>1        |                      |           | 1   | 0          | 5582       | 247                       | 4.4        | 191       | 3.4         | GLEN LEITH QUIGLEY S2J ET                |      |  |          |  |  |
| 22339<br>93890416     |                        | ZRCD220339 | 4.64          |                      |     |     |      |       |     |     |     | -140<br>52                                                 | -11.3<br>97  | -0.07<br>32    | -3.2<br>98    | 0.04<br>33     | 25.9<br>106  | -3.8<br>24        | 92<br>67       |                      |           | 1   | 0          | 4895       | 236                       | 4.8        | 179       | 3.7         | JX MOUNT ROCK VICEROY ALPHA {4}<br>20108 | 2020 |  |          |  |  |
| 22344<br>93890465     |                        | ZRCD220344 | 6.18          |                      |     |     |      |       |     |     |     | 303<br>47                                                  | -3.1<br>112  | -0.31<br>25    | 6.2<br>88     | -0.09<br>34    | -3.4<br>94   | 4.3<br>15         | 86<br>97       |                      | 2         | 1   | 0          | 4723       | 208                       | 4.4        | 161       | 3.4         | 20233                                    | 2020 |  |          |  |  |
| 22345<br>93890473     |                        | ZRCD220345 | 6.18          |                      |     |     |      |       |     |     |     | 19<br>41                                                   | -1.7<br>102  | -0.05<br>11    | -0.7<br>99    | -0.02<br>11    | 11.7<br>103  | 0.1<br>7          | 92<br>82       |                      |           | 1   | 0          | 5212       | 230                       | 4.4        | 178       | 3.4         | 20310                                    | 2020 |  |          |  |  |

# Cows

Animals sorted on farmersnumber within birth year

\*Inbreeding in red is high

Above breed average

Top 10% of the breed

Bottom 10% of the breed

G = Genomically enhanced EBV

| Cow                   |                        |            |               | Selection Indices    |     |     |      |       |     |     |     | Breeding Values (EBV), Reliabilities (B) and Indices (Ind) |             |             |              |             |             |               |                |                    |   |   |   |           | Average Production Values |            |            |           |            |           |                                    | Pedigree                                 |      |  |
|-----------------------|------------------------|------------|---------------|----------------------|-----|-----|------|-------|-----|-----|-----|------------------------------------------------------------|-------------|-------------|--------------|-------------|-------------|---------------|----------------|--------------------|---|---|---|-----------|---------------------------|------------|------------|-----------|------------|-----------|------------------------------------|------------------------------------------|------|--|
| FarmNr<br>Regno       | Parent<br>Verification | Name       | % In-<br>brd* | SAI                  | CYI | FMI | Body | Udder | F&L | BWC | EFI | Milk<br>B                                                  | Bfat<br>Ind | Bfat%<br>B  | Prot<br>Ind  | Prot%<br>B  | SCS<br>Ind  | Calf Int<br>B | HerdLif<br>Ind | Tests/lact.<br>B e | 1 | 2 | 3 | Nr<br>Lac | ICP                       | Kg<br>Milk | Kg<br>Bfat | %<br>Bfat | Kg<br>Prot | %<br>Prot | Sire<br>Dam                        | Dam<br>Byear                             |      |  |
| Active Breed Average: |                        |            | 7.28          | 102                  | 102 | 102 | 101  | 101   | 101 | 101 | 101 | 38                                                         | 5.2         | 0.06        | 2.7          | 0.02        | -4.0        | -0.7          | 103            |                    |   |   |   |           |                           |            |            |           |            |           |                                    |                                          |      |  |
|                       |                        |            |               | Year of Birth : 2022 |     |     |      |       |     |     |     |                                                            |             |             |              |             |             |               |                |                    |   |   |   |           |                           |            |            |           |            |           |                                    |                                          |      |  |
| 22356<br>93890572     |                        | ZRCD220356 | 6.98          |                      |     |     |      |       |     |     |     | -179<br>36                                                 | -17.2<br>95 | -0.14<br>32 | -7.3<br>95   | -0.01<br>34 | 13.5<br>102 | -7.5<br>26    | 99<br>80       | 99<br>114          |   |   |   |           | 1                         | 0          | 0          | 0         | 0.0        | 0         | 0.0                                | JX MOUNT ROCK VICEROY ALPHA {4}<br>20361 | 2020 |  |
| 22358<br>93890598     |                        | ZRCD220358 | 4.61          |                      |     |     |      |       |     |     |     | -422<br>51                                                 | -25.4<br>87 | -0.06<br>30 | -14.7<br>98  | 0.03<br>31  | 33.6<br>105 | -4.1<br>23    | 94<br>60       | 94<br>107          |   |   |   |           | 1                         | 0          | 5126       | 235       | 4.6        | 178       | 3.5                                | JX MOUNT ROCK VICEROY ALPHA {4}<br>19123 | 2019 |  |
| 22361<br>93895639     |                        | ZRCD220361 | 4.01          |                      |     |     |      |       |     |     |     | -57<br>55                                                  | 4.2<br>99   | 0.11<br>34  | 6.8<br>105   | 0.15<br>41  | 20.6<br>112 | -4.3<br>41    | 89<br>117      |                    |   |   |   | 1         | 0                         | 4139       | 215        | 5.2       | 173        | 4.2       | AMBZED LT OMEGA ET S3J ET<br>20373 | 2020                                     |      |  |
| 22362<br>93890622     |                        | ZRCD220362 | 7.18          |                      |     |     |      |       |     |     |     | -323<br>35                                                 | -20.8<br>90 | -0.07<br>30 | -12.6<br>98  | 0.00<br>33  | 22.8<br>103 | -5.5<br>23    | 99<br>71       | 99<br>110          |   |   |   |           | 1                         | 0          | 5165       | 228       | 4.4        | 177       | 3.4                                | JX MOUNT ROCK VICEROY ALPHA {4}<br>20260 | 2020 |  |
| 22363<br>93890630     |                        | ZRCD220363 | 4.23          |                      |     |     |      |       |     |     |     | -711<br>49                                                 | -11.2<br>77 | 0.49<br>15  | -16.8<br>120 | 0.20<br>18  | 11.9<br>85  | -6.6<br>18    | 89<br>121      |                    |   |   |   | 1         | 0                         | 4389       | 205        | 4.7       | 150        | 3.4       | GLEN LEITH QUIGLEY S2J ET<br>20138 | 2020                                     |      |  |
| 22372<br>93891117     |                        | ZRCD220372 | 7.18          |                      |     |     |      |       |     |     |     | -181<br>53                                                 | -14.1<br>95 | -0.09<br>31 | -5.8<br>97   | 0.02<br>33  | 20.2<br>104 | -4.5<br>23    | 94<br>73       | 94<br>14           |   |   |   |           | 1                         | 0          | 4989       | 234       | 4.7        | 178       | 3.6                                | JX MOUNT ROCK VICEROY ALPHA {4}<br>20221 | 2020 |  |
| 22377<br>93891166     |                        | ZRCD220377 | 6.18          |                      |     |     |      |       |     |     |     | -648<br>51                                                 | -22.4<br>79 | 0.21<br>32  | -18.3<br>109 | 0.13<br>40  | 28.0<br>83  | -8.4<br>40    | 95<br>115      | 95<br>24           |   |   |   |           | 2                         | 0          | 3232       | 175       | 5.4        | 130       | 4.0                                | JX MOUNT ROCK VICEROY ALPHA {4}          |      |  |
| 22379<br>93891174     |                        | ZRCD220379 | 4.01          |                      |     |     |      |       |     |     |     | 429<br>55                                                  | 7.9<br>116  | -0.24<br>37 | 18.6<br>91   | 0.03<br>46  | 14.8<br>125 | -0.1<br>46    | 93<br>105      | 93<br>27           |   |   |   |           | 2                         | 0          | 4871       | 236       | 4.9        | 192       | 4.0                                | AMBZED LT OMEGA ET S3J ET<br>20370       | 2020 |  |
| 22384<br>93891216     |                        | ZRCD220384 | 4.01          |                      |     |     |      |       |     |     |     | 246<br>55                                                  | 6.1<br>110  | -0.12<br>36 | 10.9<br>96   | 0.02<br>44  | 10.9<br>116 | -1.3<br>44    | 88<br>104      | 88<br>26           |   |   |   |           | 2                         | 0          | 4222       | 204       | 4.8        | 149       | 3.5                                | AMBZED LT OMEGA ET S3J ET<br>20043       | 2020 |  |
| 22385<br>93891224     |                        | ZRCD220385 | 6.70          |                      |     |     |      |       |     |     |     | -109<br>47                                                 | 3.7<br>98   | 0.15<br>15  | 0.6<br>107   | 0.08<br>18  | 19.1<br>110 | -3.5<br>10    | 90<br>74       | 90<br>12           |   |   |   |           | 1                         | 0          | 4713       | 223       | 4.7        | 168       | 3.6                                | GLEN LEITH QUIGLEY S2J ET<br>20269       | 2020 |  |
| 22397<br>93891331     |                        | ZRCD220397 | 6.18          |                      |     |     |      |       |     |     |     | 416<br>21                                                  | 10.8<br>116 | -0.18<br>18 | 14.6<br>94   | -0.03<br>20 | 20.6<br>100 | -1.8<br>14    | 89<br>73       | 89<br>3            |   |   |   |           | 1                         | 0          | 0          | 0         | 0.0        | 0         | 0.0                                | AMBZED LT OMEGA ET S3J ET<br>103         |      |  |
| 22415<br>93905024     |                        | ZRCD220415 | 5.73          |                      |     |     |      |       |     |     |     | 431<br>21                                                  | 11.9<br>116 | -0.18<br>18 | 16.2<br>94   | -0.01<br>20 | 15.8<br>102 | 0.3<br>14     | 88<br>77       | 88<br>3            |   |   |   |           | 1                         | 0          | 5358       | 235       | 4.4        | 182       | 3.4                                | AMBZED LT OMEGA ET S3J ET<br>8002        | 2018 |  |
| 22416<br>93905032     |                        | ZRCD220416 | 3.79          |                      |     |     |      |       |     |     |     | 403<br>49                                                  | 3.0<br>115  | -0.29<br>25 | 10.6<br>89   | -0.08<br>27 | 14.7<br>116 | 0.8<br>27     | 91<br>95       | 91<br>21           |   |   |   |           | 1                         | 0          | 5381       | 238       | 4.4        | 184       | 3.4                                | AMBZED LT OMEGA ET S3J ET<br>8144        | 2018 |  |
| 22420<br>93905156     |                        | ZRCD220420 | 3.91          |                      |     |     |      |       |     |     |     | 731<br>48                                                  | 23.3<br>127 | -0.24<br>25 | 26.8<br>91   | -0.03<br>27 | 11.1<br>100 | -0.6<br>21    | 89<br>82       | 89<br>9            |   |   |   |           | 1                         | 0          | 5469       | 241       | 4.4        | 186       | 3.4                                | AMBZED LT OMEGA ET S3J ET<br>8210        | 2018 |  |
| 22423<br>93905180     |                        | ZRCD220423 | 5.73          |                      |     |     |      |       |     |     |     | 240<br>25                                                  | -1.2<br>110 | -0.23<br>25 | 5.9<br>92    | -0.06<br>25 | 0.7<br>97   | -1.7<br>24    | 107<br>93      | 107<br>22          |   |   |   |           | 1                         | 0          | 0          | 0         | 0.0        | 0         | 0.0                                | CAL-MART MEDALIST PILGRIM ET<br>8252     | 2018 |  |

Average (cow herd): 5.84  
 Nr of cows (herd): 36670  
 Cow average (breed): 7.07  
 Nr cows (breed): 425

# Cows with Most Influence in the Herd

Cows with Most Daughters in Milk and Most Lactations

Daughter EBVs > Dam EBVs

Daughter EBVs < Dam EBVs

| Farmnr<br>Regno<br>Byear | Sire<br><br>Country of Sire | Nr<br>Lact                          | Tot Dghtrs       |             | Act Dghtrs       |                                              | BREEDING VALUE- AND SELECTION INDICES |      |      |     |       |          |      |       |     |        |  |
|--------------------------|-----------------------------|-------------------------------------|------------------|-------------|------------------|----------------------------------------------|---------------------------------------|------|------|-----|-------|----------|------|-------|-----|--------|--|
|                          |                             |                                     | Birth Years      |             | Birth Years      |                                              | Milk                                  | BFat | Prot | BF% | Prot% | UdHealth | Fert | HLife | EFI | SAINET |  |
|                          |                             |                                     | Total<br>In Milk |             | Total<br>In Milk |                                              |                                       |      |      |     |       |          |      |       |     |        |  |
| Breed Average :          |                             |                                     |                  |             |                  | 103                                          | 107                                   | 107  | 103  | 105 | 97    | 101      | 103  | 102   | 102 |        |  |
| Herd Average :           |                             |                                     |                  |             |                  | 102                                          | 100                                   | 103  | 98   | 101 | 82    | 105      | 96   | 100   |     |        |  |
| 1                        | 6191<br>93893204<br>2016    | ZAF                                 | 5                | 2019 - 2021 |                  | 2019 - 2021                                  |                                       |      |      |     |       |          |      |       |     |        |  |
|                          | 2                           |                                     |                  | 2           |                  | Cow EBVi: 110 99 105 89 88 85 97 91          |                                       |      |      |     |       |          |      |       |     |        |  |
|                          | 2                           |                                     |                  | 2           |                  | Dghtr EBVi: 112 97 107 87 90 77 97 92 99     |                                       |      |      |     |       |          |      |       |     |        |  |
| 2                        | 8210<br>93883726<br>2018    | CAL-MART MEDALIST PILGRIM ET<br>USA | 4                | 2020 - 2022 |                  | 2022 - 2022                                  |                                       |      |      |     |       |          |      |       |     |        |  |
|                          | 2                           |                                     |                  | 1           |                  | Cow EBVi: 103 109 107 103 104 95 109 99      |                                       |      |      |     |       |          |      |       |     |        |  |
|                          | 2                           |                                     |                  | 1           |                  | Dghtr EBVi: 113 114 116 98 100 91 108 90 106 |                                       |      |      |     |       |          |      |       |     |        |  |
| 3                        | 7441<br>93879823<br>2017    | HEARTLAND PHAROAH APOLLO ET<br>USA  | 5                | 2020 - 2020 |                  | 2020 - 2020                                  |                                       |      |      |     |       |          |      |       |     |        |  |
|                          | 1                           |                                     |                  | 1           |                  | Cow EBVi: 91 80 86 94 96 85 122 99           |                                       |      |      |     |       |          |      |       |     |        |  |
|                          | 1                           |                                     |                  | 1           |                  | Dghtr EBVi: 101 93 98 94 96 78 108 100 97    |                                       |      |      |     |       |          |      |       |     |        |  |
| 4                        | 19153<br>93885184<br>2019   | ARRIET NN DEGREE -ET<br>NZL         | 4                | 2021 - 2021 |                  | 2021 - 2021                                  |                                       |      |      |     |       |          |      |       |     |        |  |
|                          | 1                           |                                     |                  | 1           |                  | Cow EBVi: 85 102 89 118 112 88 111 88        |                                       |      |      |     |       |          |      |       |     |        |  |
|                          | 1                           |                                     |                  | 1           |                  | Dghtr EBVi: 96 107 100 109 106 99 94 99 100  |                                       |      |      |     |       |          |      |       |     |        |  |
| 5                        | 19071<br>93884682<br>2019   | ZAF                                 | 4                | 2021 - 2021 |                  | -                                            |                                       |      |      |     |       |          |      |       |     |        |  |
|                          | 1                           |                                     |                  | 0           |                  | Cow EBVi: 110 97 101 87 84 77 104 86         |                                       |      |      |     |       |          |      |       |     |        |  |
|                          | 1                           |                                     |                  | 0           |                  | Dghtr EBVi: 113 105 105 92 86 92 110 91 101  |                                       |      |      |     |       |          |      |       |     |        |  |
| 6                        | 7438<br>93879815<br>2017    | ZAF                                 | 4                | 2020 - 2020 |                  | 2020 - 2020                                  |                                       |      |      |     |       |          |      |       |     |        |  |
|                          | 1                           |                                     |                  | 1           |                  | Cow EBVi: 97 96 96 100 100 81 99 93          |                                       |      |      |     |       |          |      |       |     |        |  |
|                          | 1                           |                                     |                  | 1           |                  | Dghtr EBVi: 107 99 103 92 91 82 97 96 100    |                                       |      |      |     |       |          |      |       |     |        |  |
| 7                        | 19162<br>93885226<br>2019   | ROMA MURMUR KINGPIN S3J ET<br>NZL   | 4                | 2021 - 2021 |                  | 2021 - 2021                                  |                                       |      |      |     |       |          |      |       |     |        |  |
|                          | 1                           |                                     |                  | 1           |                  | Cow EBVi: 136 123 133 83 86 77 105 96        |                                       |      |      |     |       |          |      |       |     |        |  |
|                          | 1                           |                                     |                  | 1           |                  | Dghtr EBVi: 132 113 126 80 82 85 94 99 110   |                                       |      |      |     |       |          |      |       |     |        |  |
| 8                        | 19126<br>93885093<br>2019   | ROMA MURMUR KINGPIN S3J ET<br>NZL   | 4                | 2021 - 2021 |                  | -                                            |                                       |      |      |     |       |          |      |       |     |        |  |
|                          | 1                           |                                     |                  | 0           |                  | Cow EBVi: 86 100 93 115 116 83 109 92        |                                       |      |      |     |       |          |      |       |     |        |  |
|                          | 1                           |                                     |                  | 0           |                  | Dghtr EBVi: 100 106 103 104 103 92 91 95 102 |                                       |      |      |     |       |          |      |       |     |        |  |

# Cows with Most Influence in the Herd

Cows with Most Daughters in Milk and Most Lactations

Daughter EBVs > Dam EBVs

Daughter EBVs < Dam EBVs

| Farmnr<br>Regno<br>Byear | Sire<br>Country of Sire   | Nr<br>Lact                         | Tot Dghtrs<br>Birth Years<br>Total<br>In Milk | Act Dghtrs<br>Birth Years<br>Total<br>In Milk | BREEDING VALUE- AND SELECTION INDICES |             |      |     |       |          |      |       |     |        |     |
|--------------------------|---------------------------|------------------------------------|-----------------------------------------------|-----------------------------------------------|---------------------------------------|-------------|------|-----|-------|----------|------|-------|-----|--------|-----|
|                          |                           |                                    |                                               |                                               | Milk                                  | BFat        | Prot | BF% | Prot% | UdHealth | Fert | HLife | EFI | SAINET |     |
|                          |                           |                                    |                                               |                                               |                                       |             |      |     |       |          |      |       |     |        |     |
| Breed Average :          |                           |                                    |                                               |                                               | 103                                   | 107         | 107  | 103 | 105   | 97       | 101  | 103   | 102 | 102    |     |
| Herd Average :           |                           |                                    |                                               |                                               | 102                                   | 100         | 103  | 98  | 101   | 82       | 105  | 96    | 100 |        |     |
| 9                        | 19347<br>93880755<br>2019 | ROMA MURMUR KINGPIN S3J ET<br>NZL  | 4                                             | 2021 - 2022<br>2<br>1                         | 2021 - 2022<br>2<br>1                 | Cow EBVi:   | 94   | 100 | 102   | 106      | 114  | 68    | 112 | 97     |     |
|                          |                           |                                    |                                               |                                               |                                       | Dghtr EBVi: | 97   | 103 | 102   | 105      | 109  | 82    | 100 | 100    | 101 |
|                          |                           |                                    |                                               |                                               |                                       |             |      |     |       |          |      |       |     |        |     |
| 10                       | 19193<br>93885390<br>2019 | BUSHLEA RV CASUAL ET<br>AUS        | 4                                             | 2021 - 2021<br>1<br>1                         | 2021 - 2021<br>1<br>1                 | Cow EBVi:   | 109  | 114 | 110   | 101      | 97   | 90    | 112 | 98     |     |
|                          |                           |                                    |                                               |                                               |                                       | Dghtr EBVi: | 111  | 115 | 111   | 100      | 95   | 92    | 91  | 98     | 106 |
|                          |                           |                                    |                                               |                                               |                                       |             |      |     |       |          |      |       |     |        |     |
| 11                       | 19334<br>93880649<br>2019 | BUSHLEA RV CASUAL ET<br>AUS        | 3                                             | 2022 - 2022<br>1<br>1                         | 2022 - 2022<br>1<br>1                 | Cow EBVi:   | 88   | 85  | 85    | 101      | 100  | 86    | 114 | 106    |     |
|                          |                           |                                    |                                               |                                               |                                       | Dghtr EBVi: | 104  | 103 | 110   | 97       | 105  | 79    | 108 | 94     | 100 |
|                          |                           |                                    |                                               |                                               |                                       |             |      |     |       |          |      |       |     |        |     |
| 12                       | 15437<br>93874139<br>2015 | MAACK DAIRY SPECTACULAR-ET<br>USA  | 3                                             | 2022 - 2022<br>1<br>1                         | 2022 - 2022<br>1<br>1                 | Cow EBVi:   | 95   | 98  | 97    | 103      | 104  | 80    | 103 | 91     |     |
|                          |                           |                                    |                                               |                                               |                                       | Dghtr EBVi: | 99   | 100 | 102   | 101      | 103  | 88    | 98  | 92     | 99  |
|                          |                           |                                    |                                               |                                               |                                       |             |      |     |       |          |      |       |     |        |     |
| 13                       | 19361<br>93880862<br>2019 | ROMA MURMUR KINGPIN S3J ET<br>NZL  | 3                                             | 2022 - 2022<br>1<br>1                         | 2022 - 2022<br>1<br>1                 | Cow EBVi:   | 121  | 113 | 122   | 89       | 94   | 80    | 100 | 100    |     |
|                          |                           |                                    |                                               |                                               |                                       | Dghtr EBVi: | 134  | 117 | 129   | 81       | 84   | 96    | 89  | 97     | 112 |
|                          |                           |                                    |                                               |                                               |                                       |             |      |     |       |          |      |       |     |        |     |
| 14                       | 20269<br>93883106<br>2020 | ROMA MURMUR KINGPIN S3J ET<br>NZL  | 3                                             | 2022 - 2022<br>1<br>1                         | 2022 - 2022<br>1<br>1                 | Cow EBVi:   | 110  | 109 | 112   | 96       | 99   | 74    | 105 | 99     |     |
|                          |                           |                                    |                                               |                                               |                                       | Dghtr EBVi: | 98   | 106 | 105   | 107      | 110  | 74    | 106 | 90     | 101 |
|                          |                           |                                    |                                               |                                               |                                       |             |      |     |       |          |      |       |     |        |     |
| 15                       | 19279<br>93880276<br>2019 | HEARTLAND PHAROAH APOLLO ET<br>USA | 3                                             | 2022 - 2022<br>1<br>1                         | 2022 - 2022<br>1<br>1                 | Cow EBVi:   | 88   | 79  | 82    | 96       | 95   | 79    | 112 | 105    |     |
|                          |                           |                                    |                                               |                                               |                                       | Dghtr EBVi: | 106  | 95  | 103   | 90       | 94   | 84    | 100 | 100    | 99  |
|                          |                           |                                    |                                               |                                               |                                       |             |      |     |       |          |      |       |     |        |     |
| 16                       | 19268<br>93880227<br>2019 | ARRIET NN DEGREE -ET<br>NZL        | 3                                             | 2022 - 2022<br>1<br>1                         | 2022 - 2022<br>1<br>1                 | Cow EBVi:   | 98   | 116 | 111   | 114      | 119  | 75    | 112 | 97     |     |
|                          |                           |                                    |                                               |                                               |                                       | Dghtr EBVi: | 119  | 114 | 124   | 92       | 100  | 75    | 99  | 96     | 110 |
|                          |                           |                                    |                                               |                                               |                                       |             |      |     |       |          |      |       |     |        |     |

# Cows with Most Influence in the Herd

Cows with Most Daughters in Milk and Most Lactations

Daughter EBVs > Dam EBVs

Daughter EBVs < Dam EBVs

| Farmnr<br>Regno<br>Byear |                           | Sire<br><br>Country of Sire        | Nr<br>Lact | Tot Dghtrs<br>Birth Years<br>Total<br>In Milk | Act Dghtrs<br>Birth Years<br>Total<br>In Milk | BREEDING VALUE- AND SELECTION INDICES |      |      |     |       |          |      |       |     |        |
|--------------------------|---------------------------|------------------------------------|------------|-----------------------------------------------|-----------------------------------------------|---------------------------------------|------|------|-----|-------|----------|------|-------|-----|--------|
|                          |                           |                                    |            |                                               |                                               | Milk                                  | BFat | Prot | BF% | Prot% | UdHealth | Fert | HLife | EFI | SAINET |
| Breed Average :          |                           |                                    |            |                                               |                                               | 103                                   | 107  | 107  | 103 | 105   | 97       | 101  | 103   | 102 | 102    |
| Herd Average :           |                           |                                    |            |                                               |                                               | 102                                   | 100  | 103  | 98  | 101   | 82       | 105  | 96    | 100 |        |
| 17                       | 20069<br>93881514<br>2020 | ROMA MURMUR KINGPIN S3J ET<br>NZL  | 3          | 2022 - 2022<br>1<br>1                         | 2022 - 2022<br>1<br>1                         | Cow EBVi:                             | 107  | 99   | 103 | 92    | 91       | 82   | 97    | 96  |        |
|                          |                           |                                    |            |                                               |                                               | Dghtr EBVi:                           | 114  | 107  | 111 | 91    | 90       | 83   | 93    | 95  | 103    |
|                          |                           |                                    |            |                                               |                                               |                                       |      |      |     |       |          |      |       |     |        |
| 18                       | 20043<br>93881324<br>2020 | HEARTLAND PHAROAH APOLLO ET<br>USA | 3          | 2022 - 2022<br>1<br>1                         | 2022 - 2022<br>1<br>1                         | Cow EBVi:                             | 96   | 91   | 94  | 96    | 97       | 97   | 114   | 102 |        |
|                          |                           |                                    |            |                                               |                                               | Dghtr EBVi:                           | 110  | 108  | 116 | 96    | 104      | 82   | 102   | 88  | 105    |
|                          |                           |                                    |            |                                               |                                               |                                       |      |      |     |       |          |      |       |     |        |
| 19                       | 20093<br>93881688<br>2020 | ROMA MURMUR KINGPIN S3J ET<br>NZL  | 3          | 2022 - 2022<br>1<br>1                         | 2022 - 2022<br>1<br>1                         | Cow EBVi:                             | 112  | 101  | 113 | 89    | 97       | 63   | 105   | 100 |        |
|                          |                           |                                    |            |                                               |                                               | Dghtr EBVi:                           | 96   | 98   | 101 | 102   | 108      | 71   | 105   | 91  | 98     |
|                          |                           |                                    |            |                                               |                                               |                                       |      |      |     |       |          |      |       |     |        |
| 20                       | 20087<br>93881639<br>2020 | ROMA MURMUR KINGPIN S3J ET<br>NZL  | 3          | 2022 - 2022<br>1<br>1                         | 2022 - 2022<br>1<br>1                         | Cow EBVi:                             | 102  | 102  | 105 | 99    | 103      | 80   | 106   | 99  |        |
|                          |                           |                                    |            |                                               |                                               | Dghtr EBVi:                           | 95   | 98   | 98  | 103   | 104      | 93   | 105   | 98  | 98     |
|                          |                           |                                    |            |                                               |                                               |                                       |      |      |     |       |          |      |       |     |        |
| 21                       | 20364<br>93889186<br>2020 | BROADLIN AUSSIEGOLD P ET<br>AUS    | 3          | 2022 - 2022<br>1<br>1                         | 2022 - 2022<br>1<br>1                         | Cow EBVi:                             | 99   | 101  | 106 | 102   | 110      | 65   | 103   | 79  |        |
|                          |                           |                                    |            |                                               |                                               | Dghtr EBVi:                           | 107  | 105  | 111 | 97    | 103      | 80   | 97    | 86  | 102    |
|                          |                           |                                    |            |                                               |                                               |                                       |      |      |     |       |          |      |       |     |        |
| 22                       | 20115<br>93882199<br>2020 | HEARTLAND PHAROAH APOLLO ET<br>USA | 3          | 2022 - 2022<br>1<br>1                         | 2022 - 2022<br>1<br>1                         | Cow EBVi:                             | 120  | 92   | 120 | 76    | 93       | 77   | 106   | 104 |        |
|                          |                           |                                    |            |                                               |                                               | Dghtr EBVi:                           | 100  | 91   | 102 | 92    | 103      | 86   | 105   | 98  | 97     |
|                          |                           |                                    |            |                                               |                                               |                                       |      |      |     |       |          |      |       |     |        |
| 23                       | 19337<br>93880664<br>2019 | HEARTLAND PHAROAH APOLLO ET<br>USA | 3          | 2022 - 2022<br>1<br>1                         | 2022 - 2022<br>1<br>1                         | Cow EBVi:                             | 83   | 70   | 78  | 93    | 97       | 89   | 117   | 101 |        |
|                          |                           |                                    |            |                                               |                                               | Dghtr EBVi:                           | 87   | 83   | 86  | 100   | 103      | 96   | 110   | 98  | 90     |
|                          |                           |                                    |            |                                               |                                               |                                       |      |      |     |       |          |      |       |     |        |
| 24                       | 20152<br>93894335<br>2020 | BROOKBORA VALENTINO ASKN ET<br>AUS | 3          | 2022 - 2022<br>1<br>1                         | 2022 - 2022<br>1<br>1                         | Cow EBVi:                             | 100  | 100  | 101 | 100   | 102      | 69   | 101   | 105 |        |
|                          |                           |                                    |            |                                               |                                               | Dghtr EBVi:                           | 98   | 105  | 105 | 105   | 109      | 72   | 100   | 92  | 99     |
|                          |                           |                                    |            |                                               |                                               |                                       |      |      |     |       |          |      |       |     |        |

# Cows with Most Influence in the Herd

Cows with Most Daughters in Milk and Most Lactations

Daughter EBVs > Dam EBVs

Daughter EBVs < Dam EBVs

| Farmnr<br>Regno<br>Byear | Sire<br>Country of Sire | Nr<br>Lact                  | Tot Dghtrs<br>Birth Years<br>Total<br>In Milk | Act Dghtrs<br>Birth Years<br>Total<br>In Milk | BREEDING VALUE- AND SELECTION INDICES |      |      |     |       |          |      |       |     |        |
|--------------------------|-------------------------|-----------------------------|-----------------------------------------------|-----------------------------------------------|---------------------------------------|------|------|-----|-------|----------|------|-------|-----|--------|
|                          |                         |                             |                                               |                                               | Milk                                  | BFat | Prot | BF% | Prot% | UdHealth | Fert | HLife | EFI | SAINET |
| Breed Average :          |                         |                             |                                               |                                               | 103                                   | 107  | 107  | 103 | 105   | 97       | 101  | 103   | 102 | 102    |
| Herd Average :           |                         |                             |                                               |                                               | 102                                   | 100  | 103  | 98  | 101   | 82       | 105  | 96    | 100 |        |
| 25                       | 19307                   | BUSHLEA RV CASUAL ET        | 2022 - 2022                                   | 2022 - 2022                                   |                                       |      |      |     |       |          |      |       |     |        |
|                          | 93880441                | 3                           | 1                                             | 1                                             | Cow EBVi:                             | 106  | 99   | 99  | 92    | 87       | 80   | 110   | 105 |        |
|                          | 2019                    |                             | 1                                             | 1                                             | Dghtr EBVi:                           | 117  | 108  | 114 | 90    | 89       | 82   | 97    | 99  | 105    |
| 26                       | 19155                   | BUSHLEA RV CASUAL ET        | 2021 - 2021                                   | 2021 - 2021                                   |                                       |      |      |     |       |          |      |       |     |        |
|                          | 93894632                | 3                           | 1                                             | 1                                             | Cow EBVi:                             | 114  | 108  | 110 | 92    | 89       | 83   | 109   | 101 |        |
|                          | 2019                    |                             | 1                                             | 1                                             | Dghtr EBVi:                           | 113  | 113  | 116 | 97    | 100      | 88   | 99    | 99  | 107    |
| 27                       | 20370                   | HEARTLAND PHAROAH APOLLO ET | 2022 - 2022                                   | 2022 - 2022                                   |                                       |      |      |     |       |          |      |       |     |        |
|                          | 93889228                | 2                           | 1                                             | 1                                             | Cow EBVi:                             | 98   | 89   | 99  | 93    | 103      | 84   | 112   | 98  |        |
|                          | 2020                    |                             | 1                                             | 1                                             | Dghtr EBVi:                           | 116  | 110  | 125 | 91    | 105      | 78   | 99    | 93  | 107    |
| 28                       | 20138                   | HEARTLAND PHAROAH APOLLO ET | 2022 - 2022                                   | 2022 - 2022                                   |                                       |      |      |     |       |          |      |       |     |        |
|                          | 93882363                | 2                           | 1                                             | 1                                             | Cow EBVi:                             | 89   | 96   | 92  | 108   | 108      | 88   | 116   | 97  |        |
|                          | 2020                    |                             | 1                                             | 1                                             | Dghtr EBVi:                           | 77   | 93   | 85  | 120   | 121      | 81   | 112   | 89  | 92     |
| 29                       | 20373                   | HEARTLAND PHAROAH APOLLO ET | 2022 - 2022                                   | 2022 - 2022                                   |                                       |      |      |     |       |          |      |       |     |        |
|                          | 93895548                | 2                           | 1                                             | 1                                             | Cow EBVi:                             | 75   | 90   | 87  | 119   | 128      | 79   | 121   | 97  |        |
|                          | 2020                    |                             | 1                                             | 1                                             | Dghtr EBVi:                           | 99   | 107  | 112 | 105   | 117      | 73   | 108   | 89  | 103    |

# Heifers

Animals sorted on farmersnumber within birth year

\*Inbreeding in red is high

Top 10% of the breed

Bottom 10% of the breed

Above breed average

M = MACE EBV G = Genomically enhanced EBV

| Heifer                |                        |      |                   | Selection Indices |     |     |      |       |     |     |     | EBVs, Reliabilities (B) and Indices (Ind) |               |             |               |              |               |               |               |                                 |               |               | Pedigree |  |
|-----------------------|------------------------|------|-------------------|-------------------|-----|-----|------|-------|-----|-----|-----|-------------------------------------------|---------------|-------------|---------------|--------------|---------------|---------------|---------------|---------------------------------|---------------|---------------|----------|--|
| Farmnr<br>Regno       | Parent<br>Verification | Name | % In-<br>breeding | SAI               | CYI | FMI | Body | Udder | F&L | BWC | EFI | Milk<br>B                                 | Bfat<br>Ind   | Bfat%<br>B  | Prot<br>Ind   | Prot%<br>B   | SCS<br>Ind    | Calf Int<br>B | Herdlife<br>B | Sire                            | Dam<br>BYear  |               |          |  |
| Active Breed Average: |                        |      | 7.28              | 102               | 102 | 102 | 101  | 101   | 101 | 101 | 101 | 38                                        | 5.2           | 0.06        | 2.7           | 0.02         | -4.0          | -0.7          | 103.2         |                                 |               |               |          |  |
|                       |                        |      |                   | Year of Birth :   |     |     |      |       |     |     |     | 2022                                      |               |             |               |              |               |               |               |                                 |               |               |          |  |
| 22052<br>93887487     | ZRCD220052             |      | 6.18              |                   |     |     |      |       |     |     |     | -1<br>13                                  | 8.9<br>101    | 0.14<br>11  | 5.1<br>111    | 0.08<br>11   | 4.7<br>110    | -1.5<br>11    | 89<br>110     |                                 |               | 19350<br>2019 |          |  |
| 22081<br>93887693     | ZRCD220081             |      | 6.18              |                   |     |     |      |       |     |     |     | -8<br>1                                   | -2.6<br>101   | -0.05<br>1  | -0.9<br>103   | -0.01<br>102 | 2.7<br>1      | 0.5<br>98     | 101<br>1      |                                 |               | 19039<br>2019 |          |  |
| 22164<br>93888279     | ZRCD220164             |      | 6.98              |                   |     |     |      |       |     |     |     | -97<br>36                                 | -21.6<br>98   | -0.28<br>31 | -9.5<br>85    | -0.10<br>31  | M 20.8<br>26  | M -8.7<br>73  | M 93<br>18    | JX MOUNT ROCK VICEROY ALPHA {4} | 20249<br>2020 |               |          |  |
| 22192<br>93888477     | ZRCD220192             |      | 6.18              |                   |     |     |      |       |     |     |     | -131<br>23                                | -17.8<br>97   | -0.19<br>21 | -8.2<br>88    | -0.05<br>21  | M 22.8<br>18  | M -7.9<br>71  | M 96<br>11    | JX MOUNT ROCK VICEROY ALPHA {4} |               |               |          |  |
| 22199<br>93888535     | ZRCD220199             |      | 6.18              |                   |     |     |      |       |     |     |     | -267<br>13                                | -5.6<br>92    | 0.14<br>11  | -6.3<br>106   | 0.07<br>12   | -1.3<br>97    | -2.7<br>109   | 98<br>7       |                                 | 20096<br>2020 |               |          |  |
| 22209<br>93888626     | ZRCD220209             |      | 6.18              |                   |     |     |      |       |     |     |     | -131<br>23                                | -17.8<br>97   | -0.19<br>21 | -8.2<br>88    | -0.05<br>21  | M 22.8<br>18  | M -7.9<br>71  | M 96<br>11    | JX MOUNT ROCK VICEROY ALPHA {4} |               |               |          |  |
| 22219<br>93888675     | ZRCD220219             |      | 6.18              |                   |     |     |      |       |     |     |     | -8<br>1                                   | -2.6<br>101   | -0.05<br>1  | -0.9<br>103   | -0.01<br>102 | 2.7<br>1      | -0.5<br>90    | 96<br>100     |                                 | 19103<br>2019 |               |          |  |
| 22226<br>93888725     | ZRCD220226             |      | 6.18              |                   |     |     |      |       |     |     |     | -3<br>5                                   | -0.2<br>101   | -0.01<br>4  | -0.5<br>103   | -0.01<br>4   | 4.8<br>102    | 0.0<br>1      | 94<br>88      |                                 | 7025<br>2017  |               |          |  |
| 22231<br>93888758     | ZRCD220231             |      | 6.18              |                   |     |     |      |       |     |     |     | 176<br>13                                 | 8.0<br>108    | -0.03<br>11 | 10.6<br>110   | 0.06<br>12   | 1.5<br>116    | -1.8<br>12    | 96<br>108     |                                 | 20171<br>2020 |               |          |  |
| 22237<br>93888808     | ZRCD220237             |      | 6.18              |                   |     |     |      |       |     |     |     | 54<br>11                                  | -8.3<br>103   | -0.19<br>8  | -2.7<br>96    | -0.08<br>8   | 4.2<br>93     | -0.9<br>9     | 99<br>101     |                                 | 20137<br>2020 |               |          |  |
| 22248<br>93888907     | ZRCD220248             |      | 6.18              |                   |     |     |      |       |     |     |     | -104<br>13                                | -2.7<br>98    | 0.04<br>11  | -0.4<br>102   | 0.06<br>11   | 11.8<br>108   | -2.2<br>7     | 96<br>81      |                                 | 19347<br>2019 |               |          |  |
| 22267<br>93889061     | ZRCD220267             |      | 6.18              |                   |     |     |      |       |     |     |     | M -216<br>14                              | M -2.1<br>94  | 0.17<br>5   | M -4.2<br>101 | 0.07<br>5    | M 20.7<br>108 | M -10.9<br>7  | M 97<br>120   | GLEN LEITH QUIGLEY S2J ET       |               |               |          |  |
| 22268<br>93895506     | ZRCD220268             |      | 4.23              |                   |     |     |      |       |     |     |     | M -157<br>27                              | M 0.2<br>96   | 0.15<br>21  | M -0.1<br>103 | 0.10<br>22   | M 10.3<br>107 | M -10.0<br>23 | M 96<br>119   | GLEN LEITH QUIGLEY S2J ET       | 20162<br>2020 |               |          |  |
| 22270<br>93892891     | ZRCD220270             |      | 4.54              |                   |     |     |      |       |     |     |     | M -133<br>27                              | M 0.8<br>97   | 0.14<br>21  | M 2.5<br>104  | 0.13<br>23   | M 16.8<br>115 | M -7.8<br>20  | M 92<br>114   | GLEN LEITH QUIGLEY S2J ET       | 20359<br>2020 |               |          |  |
| 22294<br>93889608     | ZRCD220294             |      | 6.18              |                   |     |     |      |       |     |     |     | 40<br>6                                   | -0.8<br>103   | -0.06<br>6  | 1.1<br>105    | -0.01<br>6   | M 6.8<br>102  | M -1.6<br>5   | M 95<br>102   |                                 | 20307<br>2020 |               |          |  |
| 22304<br>93889681     | ZRCD220304             |      | 4.64              |                   |     |     |      |       |     |     |     | -137<br>36                                | -16.2<br>97   | -0.16<br>32 | -6.2<br>89    | -0.02<br>32  | M 26.7<br>97  | M -6.1<br>33  | M 94<br>101   | JX MOUNT ROCK VICEROY ALPHA {4} | 20089<br>2020 |               |          |  |
| 22306<br>93889707     | ZRCD220306             |      | 4.27              |                   |     |     |      |       |     |     |     | -366<br>36                                | -21.0<br>89   | -0.03<br>30 | -12.8<br>85   | 0.03<br>30   | M 24.3<br>89  | M -8.1<br>33  | M 89<br>105   | JX MOUNT ROCK VICEROY ALPHA {4} | 20066<br>2020 |               |          |  |
| 22314<br>93889780     | ZRCD220314             |      | 4.10              |                   |     |     |      |       |     |     |     | M -777<br>26                              | M -18.5<br>75 | 0.45<br>18  | M -19.8<br>87 | 0.20<br>18   | M 15.6<br>82  | M -13.4<br>20 | M 88<br>125   | GLEN LEITH QUIGLEY S2J ET       | 20284<br>2020 |               |          |  |
| 22316<br>93889814     | ZRCD220316             |      | 6.70              |                   |     |     |      |       |     |     |     | M -56<br>27                               | M 5.3<br>99   | 0.14<br>20  | M -0.6<br>108 | 0.03<br>20   | M 18.7<br>106 | M -9.2<br>22  | M 98<br>117   | GLEN LEITH QUIGLEY S2J ET       | 20338<br>2020 |               |          |  |
| 22326<br>93890283     | ZRCD220326             |      | 5.78              |                   |     |     |      |       |     |     |     | M -201<br>15                              | M -1.0<br>95  | 0.17<br>10  | M -2.6<br>102 | 0.09<br>11   | M 15.9<br>108 | M -8.6<br>11  | M 97<br>116   | GLEN LEITH QUIGLEY S2J ET       | 20351<br>2020 |               |          |  |
| 22327<br>93890291     | ZRCD220327             |      | 6.30              |                   |     |     |      |       |     |     |     | 112<br>34                                 | -0.6<br>105   | -0.11<br>28 | 4.5<br>103    | 0.00<br>31   | M 24.3<br>109 | M 3.8<br>31   | M 90<br>103   | AMBZED LT OMEGA ET S3J ET       | 20355<br>2020 |               |          |  |
| 22328<br>93890309     | ZRCD220328             |      | 6.94              |                   |     |     |      |       |     |     |     | -117<br>30                                | -15.2<br>97   | -0.16<br>27 | -6.2<br>94    | -0.03<br>28  | M 15.7<br>97  | M -8.5<br>28  | M 98<br>100   | JX MOUNT ROCK VICEROY ALPHA {4} | 16455<br>2016 |               |          |  |

Herdnr: 708132 REDCLIFFE DAIRY

Jersey Genomic Evaluation, September 2026

# Heifers

Animals sorted on farmersnumber within birth year

\*Inbreeding in red is high

Top 10% of the breed

Bottom 10% of the breed

Above breed average

M = MACE EBV G = Genomically enhanced EBV

| Heifer                |                        |      |       |                   | Selection Indices |     |     |      |       |     |     |            | EBVs, Reliabilities (B) and Indices (Ind) |                 |                |                 |                  |                 |                |                                 |            |       |          |       | Pedigree      |       |               |      |              |
|-----------------------|------------------------|------|-------|-------------------|-------------------|-----|-----|------|-------|-----|-----|------------|-------------------------------------------|-----------------|----------------|-----------------|------------------|-----------------|----------------|---------------------------------|------------|-------|----------|-------|---------------|-------|---------------|------|--------------|
| Farmnr<br>Regno       | Parent<br>Verification | Name | BYear | % In-<br>breeding | SAI               | CYI | FMI | Body | Udder | F&L | BWC | EFI        | Milk<br>B                                 | Ind B           | Bfat<br>B      | Ind B           | Bfat%<br>B       | Ind B           | Prot<br>B      | Ind B                           | Prot%<br>B | Ind B | SCS<br>B | Ind B | Calf Int<br>B | Int B | Herdlife<br>B | Sire | Dam<br>BYear |
| Active Breed Average: |                        |      |       | 7.28              | 102               | 102 | 102 | 101  | 101   | 101 | 101 | 101        | 38                                        | 5.2             | 0.06           | 2.7             | 0.02             | -4.0            | -0.7           | 103.2                           |            |       |          |       |               |       |               |      |              |
|                       |                        |      |       |                   | Year of Birth :   |     |     |      |       |     |     |            | 2022                                      |                 |                |                 |                  |                 |                |                                 |            |       |          |       |               |       |               |      |              |
| 22334<br>93890366     | ZRCD220334             |      | 6.32  |                   |                   |     |     |      |       |     |     | 406<br>28  | M 18.0<br>115 27                          | -0.06<br>118 27 | 19.7<br>27     | 0.06<br>126 27  | M 22.7<br>21 108 | M 7.5<br>71 18  | M 85<br>85 11  | AMBZED LT OMEGA ET S3J ET       |            |       |          |       | 19236<br>2019 |       |               |      |              |
| 22343<br>93890457     | ZRCD220343             |      | 6.18  |                   |                   |     |     |      |       |     |     | 199<br>13  | 1.4<br>108 11                             | -0.16<br>104 11 | 8.4<br>11      | 0.01<br>113 11  | 2.2<br>103 7     | 0.9<br>91 4     | 98<br>97 5     | 20090<br>2020                   |            |       |          |       |               |       |               |      |              |
| 22350<br>93895621     | ZRCD220350             |      | 4.61  |                   |                   |     |     |      |       |     |     | 92<br>34   | -14.9<br>105 32                           | -0.33<br>90 32  | -1.7<br>88 32  | -0.09<br>102 32 | M 20.0<br>24 94  | M -5.2<br>73 16 | M 96<br>109 19 | JX MOUNT ROCK VICEROY ALPHA {4} |            |       |          |       | 19299<br>2019 |       |               |      |              |
| 22351<br>93890523     | ZRCD220351             |      | 4.82  |                   |                   |     |     |      |       |     |     | 513<br>37  | 2.5<br>119 35                             | -0.38<br>105 35 | 10.8<br>86 36  | -0.14<br>116 36 | 5.1<br>88 26     | 0.4<br>98 27    | 105<br>105 27  | CAL-MART MEDALIST PILGRIM ET    |            |       |          |       | 20076<br>2020 |       |               |      |              |
| 22359<br>93890606     | ZRCD220359             |      | 4.61  |                   |                   |     |     |      |       |     |     | -95<br>36  | -13.4<br>98 32                            | -0.15<br>92 32  | -3.7<br>95 33  | 0.00<br>100 33  | M 23.8<br>24 103 | M -4.9<br>70 16 | M 95<br>109 20 | JX MOUNT ROCK VICEROY ALPHA {4} |            |       |          |       | 19190<br>2019 |       |               |      |              |
| 22391<br>93891273     | ZRCD220391             |      | 6.18  |                   |                   |     |     |      |       |     |     | -131<br>23 | -17.8<br>97 21                            | -0.19<br>88 21  | -8.2<br>93 22  | -0.05<br>95 22  | M 22.8<br>18 98  | M -7.9<br>71 11 | M 96<br>114 15 | JX MOUNT ROCK VICEROY ALPHA {4} |            |       |          |       |               |       |               |      |              |
| 22414<br>93905016     | ZRCD220414             |      | 5.38  |                   |                   |     |     |      |       |     |     | -265<br>27 | -14.3<br>92 26                            | -0.01<br>91 26  | -9.3<br>27     | 0.02<br>93 27   | 6.3<br>104 25    | -5.4<br>87 22   | 105<br>110 23  | CAL-MART MEDALIST PILGRIM ET    |            |       |          |       | 2004<br>2012  |       |               |      |              |
|                       |                        |      |       |                   | Year of Birth :   |     |     |      |       |     |     |            | 2023                                      |                 |                |                 |                  |                 |                |                                 |            |       |          |       |               |       |               |      |              |
| 23054<br>94763521     | ZRCD230054             |      | 6.53  |                   |                   |     |     |      |       |     |     | 0<br>13    | -7.9<br>101 11                            | -0.14<br>96 11  | -1.8<br>95 11  | -0.03<br>102 11 | 6.2<br>100 7     | -1.5<br>87 4    | 98<br>102 5    | 20067<br>2020                   |            |       |          |       |               |       |               |      |              |
| 23066<br>94763646     | ZRCD230066             |      | 6.53  |                   |                   |     |     |      |       |     |     | -31<br>12  | 2.0<br>100 10                             | 0.05<br>105 10  | -0.7<br>103 10 | 0.01<br>103 10  | 5.1<br>103 5     | -0.4<br>88 2    | 96<br>100 3    | 19259<br>2019                   |            |       |          |       |               |       |               |      |              |
| 23067<br>94763653     | ZRCD230067             |      | 5.61  |                   |                   |     |     |      |       |     |     | -165<br>32 | -20.3<br>96 28                            | -0.20<br>86 28  | -9.1<br>93 28  | -0.05<br>94 28  | M 16.9<br>20 98  | M -5.5<br>76 13 | M 93<br>110 15 | JX MOUNT ROCK VICEROY ALPHA {4} |            |       |          |       | 8344<br>2018  |       |               |      |              |
| 23073<br>94763711     | ZRCD230073             |      | 5.73  |                   |                   |     |     |      |       |     |     | 455<br>21  | M 6.9<br>117 25                           | -0.27<br>109 25 | 15.6<br>20 90  | -0.03<br>121 20 | M 19.9<br>17 100 | M 6.0<br>73 15  | M 87<br>88 7   | AMBZED LT OMEGA ET S3J ET       |            |       |          |       | 8268<br>2018  |       |               |      |              |
| 23074<br>94763729     | ZRCD230074             |      | 5.73  |                   |                   |     |     |      |       |     |     | 210<br>24  | M -1.0<br>109 25                          | -0.20<br>102 25 | 6.0<br>93 22   | -0.04<br>111 22 | M 18.6<br>17 99  | M 5.2<br>75 15  | M 88<br>89 7   | AMBZED LT OMEGA ET S3J ET       |            |       |          |       | 8119<br>2018  |       |               |      |              |
| 23075<br>94763737     | ZRCD230075             |      | 3.88  |                   |                   |     |     |      |       |     |     | 566<br>26  | M 18.3<br>121 27                          | -0.19<br>119 27 | 20.9<br>25 93  | -0.02<br>127 25 | M 18.3<br>19 101 | M 6.3<br>75 17  | M 76<br>87 10  | AMBZED LT OMEGA ET S3J ET       |            |       |          |       | 8288<br>2018  |       |               |      |              |
| 23083<br>94763810     | ZRCD230083             |      | 6.53  |                   |                   |     |     |      |       |     |     | 416<br>21  | M 10.4<br>116 18                          | -0.19<br>112 18 | 14.6<br>93 20  | -0.03<br>120 20 | M 20.3<br>14 100 | M 4.9<br>73 3   | M 87<br>90 7   | AMBZED LT OMEGA ET S3J ET       |            |       |          |       |               |       |               |      |              |
| 23085<br>94801875     | ZRCD230085             |      | 6.53  |                   |                   |     |     |      |       |     |     | -131<br>23 | -17.8<br>97 21                            | -0.19<br>88 21  | -8.2<br>93 22  | -0.05<br>95 22  | M 22.8<br>18 98  | M -7.9<br>71 11 | M 96<br>114 15 | JX MOUNT ROCK VICEROY ALPHA {4} |            |       |          |       |               |       |               |      |              |
| 23086<br>94801891     | ZRCD230086             |      | 6.14  |                   |                   |     |     |      |       |     |     | 382<br>28  | M 17.1<br>115 27                          | -0.05<br>118 27 | 18.1<br>26 99  | 0.05<br>124 26  | M 15.4<br>20 107 | M 7.5<br>78 17  | M 85<br>85 11  | AMBZED LT OMEGA ET S3J ET       |            |       |          |       | 20015<br>2020 |       |               |      |              |
| 23090<br>94801933     | ZRCD230090             |      | 6.53  |                   |                   |     |     |      |       |     |     | 265<br>11  | 1.8<br>111 8                              | -0.20<br>105 8  | 6.9<br>93 8    | -0.06<br>112 8  | 1.5<br>97 3      | -1.2<br>92 1    | 99<br>102 1    | 19186<br>2019                   |            |       |          |       |               |       |               |      |              |
| 23092<br>94801958     | ZRCD230092             |      | 6.53  |                   |                   |     |     |      |       |     |     | -131<br>23 | -17.8<br>97 21                            | -0.19<br>88 21  | -8.2<br>93 22  | -0.05<br>95 22  | M 22.8<br>18 98  | M -7.9<br>71 11 | M 96<br>114 15 | JX MOUNT ROCK VICEROY ALPHA {4} |            |       |          |       |               |       |               |      |              |
| 23100<br>94802030     | ZRCD230100             |      | 5.69  |                   |                   |     |     |      |       |     |     | 402<br>22  | M 9.2<br>115 25                           | -0.20<br>111 25 | 15.3<br>21 93  | -0.01<br>121 21 | M 18.4<br>17 102 | M 8.1<br>75 15  | M 86<br>83 7   | AMBZED LT OMEGA ET S3J ET       |            |       |          |       | 8359<br>2018  |       |               |      |              |
| 23106<br>94802097     | ZRCD230106             |      | 6.53  |                   |                   |     |     |      |       |     |     | 82<br>13   | 5.2<br>104 9                              | 0.01<br>108 9   | 3.5<br>11 101  | 0.00<br>108 11  | 5.5<br>103 7     | -0.5<br>88 4    | 97<br>100 5    | 20273<br>2020                   |            |       |          |       |               |       |               |      |              |

# Heifers

Animals sorted on farmersnumber within birth year

\*Inbreeding in red is high

Top 10% of the breed

Bottom 10% of the breed

Above breed average

M = MACE EBV G = Genomically enhanced EBV

| Heifer                |                        |      |       |                 | Selection Indices |     |     |      |       |     |     |     | EBVs, Reliabilities (B) and Indices (Ind) |               |                |               |                |              |                   |               |           |                                 |                           | Pedigree      |  |
|-----------------------|------------------------|------|-------|-----------------|-------------------|-----|-----|------|-------|-----|-----|-----|-------------------------------------------|---------------|----------------|---------------|----------------|--------------|-------------------|---------------|-----------|---------------------------------|---------------------------|---------------|--|
| Farmnr<br>Regno       | Parent<br>Verification | Name | BYear | % In-<br>brding | SAI               | CYI | FMI | Body | Udder | F&L | BWC | EFI | Milk<br>B Ind                             | Bfat<br>B Ind | Bfat%<br>B Ind | Prot<br>B Ind | Prot%<br>B Ind | SCS<br>B Ind | Calf Int<br>B Ind | Herdlife<br>B | Sire      | Dam<br>BYear                    |                           |               |  |
| Active Breed Average: |                        |      |       | 7.28            | 102               | 102 | 102 | 101  | 101   | 101 | 101 | 101 | 38                                        | 5.2           | 0.06           | 2.7           | 0.02           | -4.0         | -0.7              | 103.2         |           |                                 |                           |               |  |
|                       |                        |      |       |                 | Year of Birth :   |     |     |      |       |     |     |     | 2023                                      |               |                |               |                |              |                   |               |           |                                 |                           |               |  |
| 23110<br>94802139     | ZRCD230110             |      |       | 6.53            |                   |     |     |      |       |     |     |     | 31<br>13                                  | -8.6<br>103   | -0.18<br>9     | -0.3<br>94    | -0.03<br>11    | 15.2<br>6    | -2.1<br>78        | 97<br>103     | 5         |                                 |                           | 21003<br>2021 |  |
| 23111<br>94802147     | ZRCD230111             |      |       | 6.53            |                   |     |     |      |       |     |     |     | -131<br>23                                | -17.8<br>97   | -0.19<br>21    | -8.2<br>93    | -0.05<br>22    | M 22.8<br>18 | M -7.9<br>71      | M 96<br>15    |           | JX MOUNT ROCK VICEROY ALPHA {4} |                           |               |  |
| 23121<br>94802246     | ZRCD230121             |      |       | 5.71            |                   |     |     |      |       |     |     |     | 520<br>23                                 | M 10.5<br>119 | -0.27<br>19    | 17.8<br>90    | -0.04<br>21    | M 14.7<br>15 | M 6.9<br>79       | M 88<br>14    | 86<br>7   |                                 | AMBZED LT OMEGA ET S3J ET | 19052<br>2019 |  |
| 23129<br>94835246     | ZRCD230129             |      |       | 6.53            |                   |     |     |      |       |     |     |     | 416<br>21                                 | M 10.4<br>116 | -0.19<br>18    | 14.6<br>93    | -0.03<br>20    | M 20.3<br>14 | M 4.9<br>73       | M 87<br>3     | 8         |                                 | AMBZED LT OMEGA ET S3J ET |               |  |
| 23137<br>94835329     | ZRCD230137             |      |       | 6.53            |                   |     |     |      |       |     |     |     | -131<br>23                                | -17.8<br>97   | -0.19<br>21    | -8.2<br>93    | -0.05<br>22    | M 22.8<br>18 | M -7.9<br>71      | M 96<br>15    |           | JX MOUNT ROCK VICEROY ALPHA {4} |                           |               |  |
| 23139<br>94835345     | ZRCD230139             |      |       | 5.73            |                   |     |     |      |       |     |     |     | 431<br>21                                 | M 11.4<br>116 | -0.18<br>18    | 16.2<br>94    | -0.01<br>20    | M 15.4<br>14 | M 7.2<br>78       | M 87<br>14    | 85<br>7   |                                 | AMBZED LT OMEGA ET S3J ET | 8045<br>2018  |  |
| 23141<br>94835360     | ZRCD230141             |      |       | 6.53            |                   |     |     |      |       |     |     |     | 58<br>13                                  | 5.5<br>103    | 0.03<br>10     | 3.4<br>102    | 0.02<br>11     | -5.5<br>8    | -3.1<br>99        | 99<br>6       | 105<br>10 | 6                               |                           | 20180<br>2020 |  |
| 23142<br>94835378     | ZRCD230142             |      |       | 6.53            |                   |     |     |      |       |     |     |     | 219<br>12                                 | 4.8<br>109    | -0.12<br>8     | 5.7<br>96     | -0.04<br>9     | 2.8<br>110   | 1.0<br>9          | 97<br>99      | 1         |                                 | 19029<br>2019             |               |  |
| 23148<br>94900081     | ZRCD230148             |      |       | 6.53            |                   |     |     |      |       |     |     |     | -145<br>13                                | -10.7<br>96   | -0.06<br>9     | -7.1<br>98    | -0.02<br>11    | 10.8<br>96   | -4.2<br>11        | 107<br>101    | 5         |                                 | 21096<br>2021             |               |  |
| 23149<br>94900099     | ZRCD230149             |      |       | 6.53            |                   |     |     |      |       |     |     |     | -255<br>13                                | -13.7<br>93   | -0.01<br>9     | -8.6<br>100   | 0.02<br>11     | 5.1<br>94    | -5.5<br>11        | 110<br>104    | 5         |                                 | 20189<br>2020             |               |  |
| 23151<br>94900115     | 23151                  |      |       | 6.53            |                   |     |     |      |       |     |     |     | 41<br>14                                  | -7.2<br>103   | -0.16<br>11    | -1.2<br>94    | -0.05<br>11    | 5.6<br>103   | -2.0<br>88        | 103<br>6      | 6         |                                 | 8107<br>2018              |               |  |
| 23349<br>95517975     | ZRCD230349             |      |       | 6.53            |                   |     |     |      |       |     |     |     | 67<br>12                                  | -5.6<br>104   | -0.16<br>8     | 0.0<br>94     | -0.04<br>9     | -3.8<br>104  | 0.6<br>97         | 98<br>1       |           |                                 | 19176<br>2019             |               |  |
| 23354<br>95518023     | ZRCD230354             |      |       | 6.53            |                   |     |     |      |       |     |     |     | -57<br>6                                  | 0.1<br>99     | 0.04<br>5      | -1.1<br>102   | 0.02<br>5      | 6.9<br>103   | -2.6<br>86        | 104<br>2      | 4         |                                 | 21351<br>2021             |               |  |
| 23355<br>95546032     | ZRCD230355             |      |       | 6.53            |                   |     |     |      |       |     |     |     | 54<br>13                                  | -1.6<br>103   | -0.08<br>11    | -0.9<br>98    | -0.05<br>12    | 3.0<br>103   | -3.6<br>90        | 106<br>6      | 6         |                                 | 20258<br>2020             |               |  |
| 23360<br>95546073     | ZRCD230360             |      |       | 6.53            |                   |     |     |      |       |     |     |     | -110<br>13                                | -12.4<br>98   | -0.12<br>9     | -5.6<br>96    | -0.02<br>11    | -0.9<br>98   | -3.8<br>11        | 107<br>101    | 5         |                                 | 21084<br>2021             |               |  |
| 23361<br>95546081     | ZRCD230361             |      |       | 6.53            |                   |     |     |      |       |     |     |     | -8<br>1                                   | -2.6<br>101   | -0.05<br>1     | -0.9<br>101   | -0.01<br>99    | 2.7<br>103   | -0.5<br>1         | 100<br>1      |           |                                 | 21226<br>2021             |               |  |
| 23364<br>95546115     | ZRCD230364             |      |       | 6.53            |                   |     |     |      |       |     |     |     | 190<br>13                                 | -2.5<br>108   | -0.21<br>9     | 4.8<br>101    | -0.04<br>92    | 17.5<br>11   | -0.7<br>76        | 101<br>3      | 5         |                                 | 21379<br>2021             |               |  |
|                       |                        |      |       |                 | Year of Birth :   |     |     |      |       |     |     |     | 2024                                      |               |                |               |                |              |                   |               |           |                                 |                           |               |  |
| 24107<br>96558341     | ZRCD240107*            |      |       | 6.74            |                   |     |     |      |       |     |     |     | 173<br>12                                 | 5.0<br>107    | -0.08<br>1     | 5.9<br>98     | -0.01<br>1     | 7.8<br>102   | 0.5<br>85         | 98<br>1       | 92        |                                 |                           | 22293<br>2022 |  |
| 24109<br>96558366     | ZRCD240109*            |      |       | 6.74            |                   |     |     |      |       |     |     |     | 173<br>13                                 | 3.2<br>107    | -0.11<br>8     | 3.7<br>96     | -0.05<br>9     | 0.9<br>108   | 4.5<br>98         | 91<br>7       | 97        |                                 |                           | 21229<br>2021 |  |
| 24113<br>96588751     | ZRCD240113*            |      |       | 6.74            |                   |     |     |      |       |     |     |     | 334<br>12                                 | 11.2<br>113   | -0.11<br>7     | 13.7<br>96    | 0.01<br>8      | 4.5<br>103   | 2.4<br>89         | 95<br>1       | 93        |                                 |                           | 22134<br>2022 |  |

Herdnr: 708132 REDCLIFFE DAIRY

Jersey Genomic Evaluation, September 2026

# Heifers

Animals sorted on farmersnumber within birth year

\*Inbreeding in red is high

Top 10% of the breed Bottom 10% of the breed Above breed average M = MACE EBV G = Genomically enhanced EBV

| Heifer                |                        |      |       |                   | Selection Indices |     |     |      |       |     |     |     | EBVs, Reliabilities (B) and Indices (Ind) |                 |                  |                 |                  |                |                     |                     |      |               | Pedigree |  |
|-----------------------|------------------------|------|-------|-------------------|-------------------|-----|-----|------|-------|-----|-----|-----|-------------------------------------------|-----------------|------------------|-----------------|------------------|----------------|---------------------|---------------------|------|---------------|----------|--|
| Farmnr<br>Regno       | Parent<br>Verification | Name | BYear | % In-<br>breeding | SAI               | CYI | FMI | Body | Udder | F&L | BWC | EFI | Milk<br>B Ind B                           | Bfat<br>B Ind B | Bfat%<br>B Ind B | Prot<br>B Ind B | Prot%<br>B Ind B | SCS<br>B Ind B | Calf Int<br>B Ind B | Herdlife<br>B Ind B | Sire | Dam<br>BYear  |          |  |
| Active Breed Average: |                        |      |       | 7.28              | 102               | 102 | 102 | 101  | 101   | 101 | 101 | 101 | 38                                        | 5.2             | 0.06             | 2.7             | 0.02             | -4.0           | -0.7                | 103.2               |      |               |          |  |
|                       |                        |      |       |                   | Year of Birth :   |     |     |      |       |     |     |     | 2024                                      |                 |                  |                 |                  |                |                     |                     |      |               |          |  |
| 24125<br>96588876     | ZRCD240125*            |      | 6.74  |                   |                   |     |     |      |       |     |     |     | -90<br>11                                 | -1.1<br>98      | 0.05<br>4        | -1.3<br>103     | 0.04<br>6        | -3.1<br>106    | -0.5<br>3           | 94<br>100           |      | 22114<br>2022 |          |  |
| 24128<br>96588900     | ZRCD240128*            |      | 6.74  |                   |                   |     |     |      |       |     |     |     | 29<br>11                                  | 1.4<br>102      | -0.01<br>4       | 2.0<br>100      | 0.01<br>6        | 2.7<br>103     | 0.0<br>91           | 91<br>99            |      | 22060<br>2022 |          |  |
| 24130<br>96588926     | ZRCD240130*            |      | 6.74  |                   |                   |     |     |      |       |     |     |     | 5<br>13                                   | 3.4<br>102      | 0.04<br>8        | 1.4<br>102      | 0.02<br>10       | 3.9<br>105     | 0.8<br>104          | 98<br>6             |      | 22034<br>2022 |          |  |
| 24140<br>96629878     | ZRCD240140*            |      | 6.74  |                   |                   |     |     |      |       |     |     |     | 326<br>12                                 | 6.2<br>113      | -0.18<br>7       | 10.3<br>94      | -0.04<br>8       | 7.8<br>115     | 1.1<br>8            | 93<br>99            |      | 22124<br>2022 |          |  |
| 24141<br>96629886     | ZRCD240141*            |      | 6.74  |                   |                   |     |     |      |       |     |     |     | -120<br>11                                | -11.3<br>97     | -0.09<br>3       | -7.7<br>97      | -0.05<br>6       | -2.3<br>98     | -0.4<br>1           | 96<br>100           |      | 22006<br>2022 |          |  |
| 24321<br>97242564     | ZRCD240321*            |      | 6.74  |                   |                   |     |     |      |       |     |     |     | -8<br>1                                   | -2.6<br>101     | -0.05<br>1       | -0.9<br>99      | -0.01<br>1       | 2.7<br>103     | -0.5<br>1           | 96<br>100           |      | 22286<br>2022 |          |  |
| 24389<br>97284962     | ZRCD240389*            |      | 6.74  |                   |                   |     |     |      |       |     |     |     | 212<br>5                                  | 4.6<br>109      | -0.11<br>5       | 7.6<br>96       | -0.01<br>5       | 9.2<br>112     | 0.0<br>4            | 92<br>84            |      | 22397<br>2022 |          |  |
| 24406<br>97285068     | ZRCD240406*            |      | 6.74  |                   |                   |     |     |      |       |     |     |     | -86<br>9                                  | -9.4<br>98      | -0.09<br>8       | -3.3<br>97      | 0.00<br>100      | 5.7<br>103     | -2.8<br>88          | 97<br>105           |      | 22356<br>2022 |          |  |
| 24415<br>97308050     | ZRCD240415*            |      | 6.74  |                   |                   |     |     |      |       |     |     |     | M -42<br>7                                | M 1.1<br>100    | 0.06<br>3        | 0.9<br>104      | 0.04<br>4        | M 12.1<br>105  | M -3.4<br>106       | M 97<br>1           |      | 22224<br>2022 |          |  |

|                            |       |     |     |     |     |     |     |     |     |  |  |  |    |      |       |     |       |      |      |       |
|----------------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|--|--|--|----|------|-------|-----|-------|------|------|-------|
| Average (heifers in herd)  | 6.13  |     |     |     |     |     |     |     |     |  |  |  | 37 | -3.0 | -0.08 | 1.1 | -0.01 | 11.2 | -1.9 | 94.4  |
| Nr heifers (herd)          | 71    |     |     |     |     |     |     |     |     |  |  |  |    |      |       |     |       |      |      |       |
| Average (heifers in breed) | 7.56  | 104 | 104 | 104 | 102 | 102 | 102 | 102 | 103 |  |  |  | 69 | 8.6  | 0.09  | 4.7 | 0.04  | -6.5 | -1.1 | 103.1 |
| Nr heifers (breed)         | 15911 |     |     |     |     |     |     |     |     |  |  |  |    |      |       |     |       |      |      |       |

# Selection List

Registered animals are sorted on SAINET  
Commercial animals are sorted on EBV for protein

\*Inbreeding above 6.25% is high!

Top 25% of the herd  
Bottom 25% of the herd

Above breed average

Top 10% of the breed

Bottom 10% of the breed

M = MACE (International) breeding value

G = Genomically enhanced EBV

| Animal |                   |            |           |              | Selection Indices |     |     |      |       |     |     | Breeding Values |             |                   |              |             |              |                   |                  |                 |    | Pedigree                     |       |            |  |
|--------|-------------------|------------|-----------|--------------|-------------------|-----|-----|------|-------|-----|-----|-----------------|-------------|-------------------|--------------|-------------|--------------|-------------------|------------------|-----------------|----|------------------------------|-------|------------|--|
|        | Farmnr<br>Regno   | Name       | B<br>Year | % In-<br>brd | SAI               | CYI | FMI | Body | Udder | F&L | BWC | EFI             | EBV<br>Milk | EBV<br>Bfat       | EBV<br>Bfat% | EBV<br>Prot | EBV<br>Prot% | EBV<br>Som        | EBV<br>Calf Int  | EBV<br>Herdlife | B  | Sire                         | Dam   | Dam<br>BYr |  |
| 1      | 21302<br>93886158 | ZRCD210302 | 2021      | 5.73         |                   |     |     |      |       |     |     |                 | 1248        | 20.5              | -0.63        | 38.3        | -0.14        | 23.9              | 6.3              | 93              | 50 | AMBZED LT OMEGA ET S3J ET    | 8057  | 2018       |  |
| 2      | 20354<br>93885804 | ZRCD200354 | 2020      | 5.73         |                   |     |     |      |       |     |     |                 | 1046        | 28.7              | -0.39        | 34.6        | -0.09        | 2.7               | 4.6              | 91              | 51 | ROMA MURMUR KINGPIN S3J ET   | 8089  | 2018       |  |
| 3      | 20151<br>93882439 | ZRCD200151 | 2020      | 5.78         |                   |     |     |      |       |     |     |                 | 1247        | 19.9              | -0.64        | 34.3        | -0.20        | 34.3              | 11.8             | 84              | 51 | BROADLIN AUSSIEGOLD P ET     |       |            |  |
| 4      | 21427<br>93887115 | ZRCD210427 | 2021      | 5.73         |                   |     |     |      |       |     |     |                 | 1052        | 26.7              | -0.42        | 32.3        | -0.12        | 22.7              | 4.0              | 88              | 51 | AMBZED LT OMEGA ET S3J ET    | 8211  | 2018       |  |
| 5      | 22121<br>93887933 | ZRCD220121 | 2022      | 6.18         |                   |     |     |      |       |     |     |                 | 445         | 32.7              | 0.13         | 31.2        | 0.21         | 17.0              | -2.2             | 90              | 50 | AMBZED LT OMEGA ET S3J ET    |       |            |  |
| 6      | 22420<br>93905156 | ZRCD220420 | 2022      | 3.91         |                   |     |     |      |       |     |     |                 | 731         | 23.3              | -0.24        | 26.8        | -0.03        | 11.1              | -0.6             | 89              | 48 | AMBZED LT OMEGA ET S3J ET    | 8210  | 2018       |  |
| 7      | 22134<br>93888030 | ZRCD220134 | 2022      | 5.71         |                   |     |     |      |       |     |     |                 | 660         | 23.9              | -0.17        | 26.6        | 0.01         | 11.2              | 3.0              | 90              | 50 | AMBZED LT OMEGA ET S3J ET    | 19048 | 2019       |  |
| 8      | 22017<br>93887248 | ZRCD220017 | 2022      | 6.14         |                   |     |     |      |       |     |     |                 | 244         | 35.7              | 0.35         | 26.5        | 0.27         | 13.2              | 1.5              | 88              | 52 | AMBZED LT OMEGA ET S3J ET    | 20015 | 2020       |  |
| 9      | 19162<br>93885226 | ZRCD190162 | 2019      | 5.71         |                   |     |     |      |       |     |     |                 | 1006        | 23.0              | -0.44        | 26.2        | -0.18        | 16.2              | -2.9             | 96              | 53 | ROMA MURMUR KINGPIN S3J ET   |       |            |  |
| 10     | 20291<br>93883254 | ZRCD200291 | 2020      | 5.82         |                   |     |     |      |       |     |     |                 | 588         | 27.6              | -0.07        | 26.1        | 0.04         | -3.1              | 3.2              | 106             | 49 | BROOKBORA VALENTINO ASKN ET  | 7282  | 2017       |  |
| 11     | 8153<br>93883445  | ZRCD180153 | 2018      | 5.73         |                   |     |     |      |       |     |     |                 | 713         | 36.4              | -0.04        | 25.9        | -0.03        | 7.7               | 3.0              | 97              | 49 | MS EASTON ET                 |       |            |  |
| 12     | 21257<br>93885846 | ZRCD210257 | 2021      | 5.82         |                   |     |     |      |       |     |     |                 | 1025        | 10.1              | -0.63        | 25.5        | -0.20        | 13.9              | 4.6              | 92              | 50 | AMBZED LT OMEGA ET S3J ET    | 7278  | 2017       |  |
| 13     | 21212<br>93892123 | ZRCD210212 | 2021      | 6.01         |                   |     |     |      |       |     |     |                 | 799         | 17.8              | -0.36        | 24.5        | -0.10        | 17.0              | 1.5              | 84              | 50 | AMBZED LT OMEGA ET S3J ET    |       |            |  |
| 14     | 22067<br>93896173 | ZRCD220067 | 2022      | 5.73         |                   |     |     |      |       |     |     |                 | 950         | 14.2              | -0.52        | 23.0        | -0.20        | 36.8              | 8.1              | 90              | 51 | AMBZED LT OMEGA ET S3J ET    | 8218  | 2018       |  |
| 15     | 22023<br>93887305 | ZRCD220023 | 2022      | 6.18         |                   |     |     |      |       |     |     |                 | 931         | 15.8              | -0.49        | 22.6        | -0.20        | -3.0              | 5.1              | 97              | 44 |                              | 19361 | 2019       |  |
| 16     | 21417<br>93901551 | ZRCD210417 | 2021      | 5.73         |                   |     |     |      |       |     |     |                 | 664         | 24.5              | -0.17        | 22.0        | -0.06        | 10.2              | 8.4              | 95              | 52 | ALL LYNNS LOUIE VALENTINO-ET | 8212  | 2018       |  |
| 17     | 20018<br>93881142 | ZRCD200018 | 2020      | 5.78         |                   |     |     |      |       |     |     |                 | 482         | 23.4              | -0.04        | 22.0        | 0.05         | 18.1              | 2.6              | 101             | 51 | ROMA MURMUR KINGPIN S3J ET   |       |            |  |
| 18     | 19297<br>93880391 | ZRCD190297 | 2019      | 5.71         |                   |     |     |      |       |     |     |                 | 575         | 30.3              | -0.02        | 21.8        | -0.01        | 13.2              | -1.7             | 100             | 52 | ROMA MURMUR KINGPIN S3J ET   |       |            |  |
| 19     | 21309<br>93886208 | ZRCD210309 | 2021      | 6.01         |                   |     |     |      |       |     |     |                 | 634         | 20.3              | -0.21        | 21.3        | -0.05        | 15.0              | 4.9              | 84              | 43 |                              | 4825  | 2014       |  |
| 20     | 21216<br>93892149 | ZRCD210216 | 2021      | 6.01         |                   |     |     |      |       |     |     |                 | 715         | 23.3              | -0.22        | 21.1        | -0.10        | 7.1               | 2.8              | 91              | 51 | PUKETAWA KING CARRICK JG ET  |       |            |  |
| 21     | 23075<br>94763737 | ZRCD230075 | 2023      | 3.88         |                   |     |     |      |       |     |     |                 | 566         | <sup>M</sup> 18.3 | -0.19        | 20.9        | -0.02        | <sup>M</sup> 18.3 | <sup>M</sup> 6.3 | <sup>M</sup> 76 | 26 | AMBZED LT OMEGA ET S3J ET    | 8288  | 2018       |  |
| 22     | 22124<br>93887966 | ZRCD220124 | 2022      | 6.18         |                   |     |     |      |       |     |     |                 | 644         | 14.0              | -0.31        | 20.0        | -0.08        | 17.7              | 0.3              | 90              | 50 | AMBZED LT OMEGA ET S3J ET    |       |            |  |
| 23     | 22334<br>93890366 | ZRCD220334 | 2022      | 6.32         |                   |     |     |      |       |     |     |                 | 406         | <sup>M</sup> 18.0 | -0.06        | 19.7        | 0.06         | <sup>M</sup> 22.7 | <sup>M</sup> 7.5 | <sup>M</sup> 85 | 28 | AMBZED LT OMEGA ET S3J ET    | 19236 | 2019       |  |
| 24     | 21184<br>93891943 | ZRCD210184 | 2021      | 6.01         |                   |     |     |      |       |     |     |                 | 890         | 11.4              | -0.52        | 19.7        | -0.22        | 8.2               | 2.9              | 99              | 45 |                              | 19162 | 2019       |  |
| 25     | 22186<br>93895407 | ZRCD220186 | 2022      | 6.70         |                   |     |     |      |       |     |     |                 | 567         | 23.8              | -0.10        | 18.8        | -0.05        | 14.0              | 1.7              | 85              | 48 | GLEN LEITH QUIGLEY S2J ET    | 20332 | 2020       |  |

# Selection List

Registered animals are sorted on SAINET  
Commercial animals are sorted on EBV for protein

\*Inbreeding above 6.25% is high!

Top 25% of the herd  
Bottom 25% of the herd

Above breed average

Top 10% of the breed

Bottom 10% of the breed

M = MACE (International) breeding value

G = Genomically enhanced EBV

| Animal |                   |            |           |              | Selection Indices |     |     |      |       |     |     | Breeding Values |             |             |              |             |              |            |                 |                 |    | Pedigree                     |  |       |            |
|--------|-------------------|------------|-----------|--------------|-------------------|-----|-----|------|-------|-----|-----|-----------------|-------------|-------------|--------------|-------------|--------------|------------|-----------------|-----------------|----|------------------------------|--|-------|------------|
|        | Farmnr<br>Regno   | Name       | B<br>Year | % In-<br>brd | SAI               | CYI | FMI | Body | Udder | F&L | BWC | EFI             | EBV<br>Milk | EBV<br>Bfat | EBV<br>Bfat% | EBV<br>Prot | EBV<br>Prot% | EBV<br>Som | EBV<br>Calf Int | EBV<br>Herdlife | B  | Sire                         |  | Dam   | Dam<br>BYr |
| 26     | 21300<br>93886141 | ZRCD210300 | 2021      | 6.01         |                   |     |     |      |       |     |     |                 | 494         | 29.0        | 0.03         | 18.7        | -0.01        | -1.2       | 2.2             | 98              | 51 | PUKETAWA KING CARRICK JG ET  |  |       |            |
| 27     | 22379<br>93891174 | ZRCD220379 | 2022      | 4.01         |                   |     |     |      |       |     |     |                 | 429         | 7.9         | -0.24        | 18.6        | 0.03         | 14.8       | -0.1            | 93              | 55 | AMBZED LT OMEGA ET S3J ET    |  | 20370 | 2020       |
| 28     | 23086<br>94801891 | ZRCD230086 | 2023      | 6.14         |                   |     |     |      |       |     |     |                 | 382         | M 17.1      | -0.05        | 18.1        | 0.05         | M 15.4     | M 7.5           | M 85            | 28 | AMBZED LT OMEGA ET S3J ET    |  | 20015 | 2020       |
| 29     | 19321<br>93880524 | ZRCD190321 | 2019      | 5.71         |                   |     |     |      |       |     |     |                 | 635         | 20.7        | -0.20        | 18.0        | -0.10        | 9.1        | -1.0            | 100             | 52 | ROMA MURMUR KINGPIN S3J ET   |  |       |            |
| 30     | 23121<br>94802246 | ZRCD230121 | 2023      | 5.71         |                   |     |     |      |       |     |     |                 | 520         | M 10.5      | -0.27        | 17.8        | -0.04        | M 14.7     | M 6.9           | M 88            | 23 | AMBZED LT OMEGA ET S3J ET    |  | 19052 | 2019       |
| 31     | 22099<br>93887784 | ZRCD220099 | 2022      | 6.18         |                   |     |     |      |       |     |     |                 | 510         | 12.7        | -0.23        | 17.7        | -0.03        | 18.6       | 0.2             | 96              | 43 |                              |  | 19268 | 2019       |
| 32     | 8280<br>93883908  | ZRCD180280 | 2018      | 5.73         |                   |     |     |      |       |     |     |                 | 458         | 25.7        | 0.01         | 17.5        | 0.00         | 25.2       | -2.9            | 75              | 52 | BLUE MIST GOLDA PAGEANT ET   |  |       |            |
| 33     | 21396<br>93886919 | ZRCD210396 | 2021      | 6.01         |                   |     |     |      |       |     |     |                 | 713         | 8.7         | -0.44        | 17.3        | -0.16        | 17.8       | -0.1            | 85              | 50 | AMBZED LT OMEGA ET S3J ET    |  |       |            |
| 34     | 22044<br>93887453 | ZRCD220044 | 2022      | 5.82         |                   |     |     |      |       |     |     |                 | 257         | 14.5        | 0.00         | 17.3        | 0.11         | 23.5       | 0.5             | 84              | 50 | AMBZED LT OMEGA ET S3J ET    |  | 7421  | 2017       |
| 35     | 19361<br>93880862 | ZRCD190361 | 2019      | 5.71         |                   |     |     |      |       |     |     |                 | 580         | 11.6        | -0.30        | 16.5        | -0.09        | 13.3       | -0.3            | 100             | 52 | ROMA MURMUR KINGPIN S3J ET   |  |       |            |
| 36     | 21421<br>93887065 | ZRCD210421 | 2021      | 6.01         |                   |     |     |      |       |     |     |                 | 859         | 3.0         | -0.62        | 16.5        | -0.25        | 14.8       | -0.4            | 93              | 50 | AMBZED LT OMEGA ET S3J ET    |  |       |            |
| 37     | 21320<br>93886299 | ZRCD210320 | 2021      | 5.73         |                   |     |     |      |       |     |     |                 | 806         | 8.0         | -0.52        | 16.3        | -0.22        | 1.9        | 8.5             | 95              | 53 | ALL LYNNS LOUIE VALENTINO-ET |  | 8238  | 2018       |
| 38     | 22415<br>93905024 | ZRCD220415 | 2022      | 5.73         |                   |     |     |      |       |     |     |                 | 431         | 11.9        | -0.18        | 16.2        | -0.01        | 15.8       | 0.3             | 88              | 21 | AMBZED LT OMEGA ET S3J ET    |  | 8002  | 2018       |
| 39     | 21219<br>93901585 | ZRCD210219 | 2021      | 5.73         |                   |     |     |      |       |     |     |                 | 959         | 4.4         | -0.67        | 16.2        | -0.30        | 7.5        | 9.5             | 95              | 52 | ALL LYNNS LOUIE VALENTINO-ET |  | 8270  | 2018       |
| 40     | 23139<br>94835345 | ZRCD230139 | 2023      | 5.73         |                   |     |     |      |       |     |     |                 | 431         | M 11.4      | -0.18        | 16.2        | -0.01        | M 15.4     | M 7.2           | M 87            | 21 | AMBZED LT OMEGA ET S3J ET    |  | 8045  | 2018       |
| 41     | 20090<br>93881654 | ZRCD200090 | 2020      | 5.78         |                   |     |     |      |       |     |     |                 | 391         | 4.3         | -0.26        | 16.1        | 0.01         | 6.5        | 0.0             | 101             | 51 | ROMA MURMUR KINGPIN S3J ET   |  |       |            |
| 42     | 20092<br>93881670 | ZRCD200092 | 2020      | 5.78         |                   |     |     |      |       |     |     |                 | 289         | 11.1        | -0.07        | 16.1        | 0.08         | 33.7       | -0.2            | 101             | 51 | ROMA MURMUR KINGPIN S3J ET   |  |       |            |
| 43     | 21146<br>93893162 | ZRCD210146 | 2021      | 6.01         |                   |     |     |      |       |     |     |                 | 621         | 4.7         | -0.43        | 15.9        | -0.13        | -2.3       | 4.1             | 85              | 43 |                              |  | 2005  | 2012       |
| 44     | 8299<br>93883965  | ZRCD180299 | 2018      | 5.73         |                   |     |     |      |       |     |     |                 | 614         | 20.4        | -0.19        | 15.6        | -0.13        | 13.2       | -2.5            | 92              | 53 | FARIA BROTHERS DRAPER ET     |  |       |            |
| 45     | 23073<br>94763711 | ZRCD230073 | 2023      | 5.73         |                   |     |     |      |       |     |     |                 | 455         | M 6.9       | -0.27        | 15.6        | -0.03        | M 19.9     | M 6.0           | M 87            | 21 | AMBZED LT OMEGA ET S3J ET    |  | 8268  | 2018       |
| 46     | 22110<br>93887859 | ZRCD220110 | 2022      | 6.18         |                   |     |     |      |       |     |     |                 | 575         | 2.9         | -0.42        | 15.4        | -0.11        | 17.1       | -2.2            | 89              | 50 | AMBZED LT OMEGA ET S3J ET    |  |       |            |
| 47     | 23100<br>94802030 | ZRCD230100 | 2023      | 5.69         |                   |     |     |      |       |     |     |                 | 402         | M 9.2       | -0.20        | 15.3        | -0.01        | M 18.4     | M 8.1           | M 86            | 22 | AMBZED LT OMEGA ET S3J ET    |  | 8359  | 2018       |
| 48     | 19192<br>93885382 | ZRCD190192 | 2019      | 5.71         |                   |     |     |      |       |     |     |                 | 330         | 13.4        | -0.07        | 15.1        | 0.03         | 9.8        | -0.2            | 102             | 51 | ROMA MURMUR KINGPIN S3J ET   |  |       |            |
| 49     | 21358<br>93886604 | ZRCD210358 | 2021      | 5.73         |                   |     |     |      |       |     |     |                 | 459         | 7.2         | -0.27        | 15.0        | -0.05        | 17.4       | 0.2             | 91              | 50 | AMBZED LT OMEGA ET S3J ET    |  | 8216  | 2018       |
| 50     | 22119<br>93887917 | ZRCD220119 | 2022      | 6.18         |                   |     |     |      |       |     |     |                 | 463         | 10.5        | -0.22        | 14.8        | -0.05        | 29.8       | -1.1            | 94              | 50 | AMBZED LT OMEGA ET S3J ET    |  |       |            |

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Top 25% of the herd  
Bottom 25% of the herd

Above breed average

Top 10% of the breed

Bottom 10% of the breed

M = MACE (International) breeding value

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| Animal |                   |             |           |              | Selection Indices |     |     |      |       |     |     | Breeding Values |             |             |              |             |              |            |                 |                 |    | Pedigree                     |       |       |            |
|--------|-------------------|-------------|-----------|--------------|-------------------|-----|-----|------|-------|-----|-----|-----------------|-------------|-------------|--------------|-------------|--------------|------------|-----------------|-----------------|----|------------------------------|-------|-------|------------|
|        | Farmnr<br>Regno   | Name        | B<br>Year | % In-<br>brd | SAI               | CYI | FMI | Body | Udder | F&L | BWC | EFI             | EBV<br>Milk | EBV<br>Bfat | EBV<br>Bfat% | EBV<br>Prot | EBV<br>Prot% | EBV<br>Som | EBV<br>Calf Int | EBV<br>Herdlife | B  | Sire                         |       | Dam   | Dam<br>BYr |
| 51     | 19374<br>93894137 | ZRCD190374  | 2019      | 5.71         |                   |     |     |      |       |     |     |                 | 502         | 17.7        | -0.15        | 14.8        | -0.07        | 22.1       | -0.8            | 73              | 49 | BLUE MIST GOLDA PAGEANT ET   |       |       |            |
| 52     | 20315<br>93881969 | ZRCD200315  | 2020      | 5.78         |                   |     |     |      |       |     |     |                 | 596         | 11.0        | -0.32        | 14.7        | -0.13        | 4.6        | 5.9             | 78              | 51 | BROADLIN AUSSIEGOLD P ET     |       |       |            |
| 53     | 8278<br>93883890  | ZRCD180278  | 2018      | 5.73         |                   |     |     |      |       |     |     |                 | 344         | 18.5        | -0.01        | 14.7        | 0.02         | 15.3       | -3.7            | 75              | 52 | BLUE MIST GOLDA PAGEANT ET   |       |       |            |
| 54     | 20293<br>93881845 | ZRCD200293  | 2020      | 5.78         |                   |     |     |      |       |     |     |                 | 609         | 7.2         | -0.39        | 14.6        | -0.14        | 21.4       | -5.2            | 96              | 51 | HEARTLAND PHAROAH APOLLO ET  |       |       |            |
| 55     | 22397<br>93891331 | ZRCD220397  | 2022      | 6.18         |                   |     |     |      |       |     |     |                 | 416         | 10.8        | -0.18        | 14.6        | -0.03        | 20.6       | -1.8            | 89              | 21 | AMBZED LT OMEGA ET S3J ET    |       |       |            |
| 56     | 23083<br>94763810 | ZRCD230083  | 2023      | 6.53         |                   |     |     |      |       |     |     |                 | 416         | M 10.4      | -0.19        | 14.6        | -0.03        | M 20.3     | M 4.9           | M 87            | 21 | AMBZED LT OMEGA ET S3J ET    |       |       |            |
| 57     | 23129<br>94835246 | ZRCD230129  | 2023      | 6.53         |                   |     |     |      |       |     |     |                 | 416         | M 10.4      | -0.19        | 14.6        | -0.03        | M 20.3     | M 4.9           | M 87            | 21 | AMBZED LT OMEGA ET S3J ET    |       |       |            |
| 58     | 20388<br>93889301 | ZRCD200388  | 2020      | 5.78         |                   |     |     |      |       |     |     |                 | 378         | 14.3        | -0.10        | 14.1        | -0.01        | 21.6       | -1.1            | 98              | 49 | BROOKBORA VALENTINO ASKN ET  |       |       |            |
| 59     | 8347<br>93884096  | ZRCD180347  | 2018      | 5.73         |                   |     |     |      |       |     |     |                 | 385         | 8.1         | -0.20        | 14.1        | -0.02        | 22.1       | -2.7            | 75              | 52 | BLUE MIST GOLDA PAGEANT ET   |       |       |            |
| 60     | 20115<br>93882199 | ZRCD200115  | 2020      | 5.78         |                   |     |     |      |       |     |     |                 | 530         | -12.9       | -0.63        | 14.0        | -0.10        | 15.9       | -3.7            | 104             | 53 | HEARTLAND PHAROAH APOLLO ET  |       |       |            |
| 61     | 24113<br>96588751 | ZRCD240113* | 2024      | 6.74         |                   |     |     |      |       |     |     |                 | 334         | 11.2        | -0.11        | 13.7        | 0.01         | 4.5        | 2.4             | 93              | 12 |                              | 22134 | 2022  |            |
| 62     | 21256<br>93901536 | ZRCD210256  | 2021      | 5.73         |                   |     |     |      |       |     |     |                 | 593         | 6.5         | -0.38        | 13.6        | -0.15        | -10.6      | 7.3             | 103             | 52 | ALL LYNNS LOUIE VALENTINO-ET |       | 8149  | 2018       |
| 63     | 8308<br>93894970  | ZRCD180308  | 2018      | 5.73         |                   |     |     |      |       |     |     |                 | 363         | 15.0        | -0.08        | 13.5        | -0.01        | 7.7        | -3.4            | 75              | 52 | BLUE MIST GOLDA PAGEANT ET   |       |       |            |
| 64     | 8326<br>93884039  | ZRCD180326  | 2018      | 5.73         |                   |     |     |      |       |     |     |                 | 369         | 9.0         | -0.18        | 13.4        | -0.02        | 19.2       | -3.4            | 75              | 52 | BLUE MIST GOLDA PAGEANT ET   |       |       |            |
| 65     | 20385<br>93889285 | ZRCD200385  | 2020      | 5.78         |                   |     |     |      |       |     |     |                 | 731         | 5.0         | -0.50        | 13.4        | -0.22        | -1.8       | 3.8             | 105             | 49 | BROOKBORA VALENTINO ASKN ET  |       |       |            |
| 66     | 21426<br>93887107 | ZRCD210426  | 2021      | 6.01         |                   |     |     |      |       |     |     |                 | 544         | 7.0         | -0.34        | 13.4        | -0.12        | -0.7       | 2.4             | 90              | 44 |                              | 19257 | 2019  |            |
| 67     | 21183<br>93896439 | ZRCD210183  | 2021      | 5.09         |                   |     |     |      |       |     |     |                 | 586         | 7.4         | -0.36        | 13.1        | -0.15        | -1.4       | 7.8             | 102             | 54 | ALL LYNNS LOUIE VALENTINO-ET |       | 19299 | 2019       |
| 68     | 20288<br>93883221 | ZRCD200288  | 2020      | 5.78         |                   |     |     |      |       |     |     |                 | 404         | 6.8         | -0.24        | 12.9        | -0.05        | 14.2       | 2.7             | 97              | 49 | BROOKBORA VALENTINO ASKN ET  |       |       |            |
| 69     | 19288<br>93880342 | ZRCD190288  | 2019      | 5.71         |                   |     |     |      |       |     |     |                 | 644         | 4.6         | -0.45        | 12.1        | -0.19        | 23.9       | 0.8             | 102             | 51 | ROMA MURMUR KINGPIN S3J ET   |       |       |            |
| 70     | 22336<br>93890382 | ZRCD220336  | 2022      | 6.18         |                   |     |     |      |       |     |     |                 | 366         | 12.2        | -0.12        | 12.0        | -0.04        | 17.8       | -2.8            | 88              | 40 | GLEN LEITH QUIGLEY S2J ET    |       |       |            |
| 71     | 20231<br>93882900 | ZRCD200231  | 2020      | 5.78         |                   |     |     |      |       |     |     |                 | 304         | -3.1        | -0.31        | 11.5        | -0.01        | 6.4        | -1.5            | 99              | 51 | ROMA MURMUR KINGPIN S3J ET   |       |       |            |
| 72     | 19372<br>93880938 | ZRCD190372  | 2019      | 5.71         |                   |     |     |      |       |     |     |                 | 358         | 14.8        | -0.08        | 11.5        | -0.04        | 25.4       | -3.2            | 75              | 52 | BLUE MIST GOLDA PAGEANT ET   |       |       |            |
| 73     | 20102<br>93881753 | ZRCD200102  | 2020      | 5.78         |                   |     |     |      |       |     |     |                 | 285         | 8.7         | -0.12        | 11.4        | 0.00         | -4.4       | -7.2            | 103             | 52 | HEARTLAND PHAROAH APOLLO ET  |       |       |            |
| 74     | 20376<br>93889251 | ZRCD200376  | 2020      | 5.78         |                   |     |     |      |       |     |     |                 | 245         | 6.5         | -0.12        | 11.3        | 0.03         | 2.0        | -2.4            | 103             | 51 | HEARTLAND PHAROAH APOLLO ET  |       |       |            |
| 75     | 20347<br>93882157 | ZRCD200347  | 2020      | 5.78         |                   |     |     |      |       |     |     |                 | 397         | 13.7        | -0.12        | 11.3        | -0.07        | -7.0       | -11.2           | 104             | 54 | STEINHAUERS SAMSON LEMONHEAD |       |       |            |

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Above breed average

Top 10% of the breed

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| Animal |                   |             |           |              | Selection Indices |     |     |      |       |     |     | Breeding Values |             |             |              |             |              |            |                 |                 |    | Pedigree                        |  |       |            |
|--------|-------------------|-------------|-----------|--------------|-------------------|-----|-----|------|-------|-----|-----|-----------------|-------------|-------------|--------------|-------------|--------------|------------|-----------------|-----------------|----|---------------------------------|--|-------|------------|
|        | Farmnr<br>Regno   | Name        | B<br>Year | % In-<br>brd | SAI               | CYI | FMI | Body | Udder | F&L | BWC | EFI             | EBV<br>Milk | EBV<br>Bfat | EBV<br>Bfat% | EBV<br>Prot | EBV<br>Prot% | EBV<br>Som | EBV<br>Calf Int | EBV<br>Herdlife | B  | Sire                            |  | Dam   | Dam<br>BYr |
| 76     | 21380<br>93896025 | ZRCD210380  | 2021      | 6.01         |                   |     |     |      |       |     |     |                 | 328         | 11.7        | -0.10        | 11.2        | -0.03        | 5.1        | 0.3             | 99              | 43 |                                 |  | 19155 | 2019       |
| 77     | 19317<br>93895795 | ZRCD190317  | 2019      | 5.66         |                   |     |     |      |       |     |     |                 | 559         | 13.2        | -0.26        | 11.2        | -0.16        | -0.6       | 2.3             | 100             | 51 | ROMA MURMUR KINGPIN S3J ET      |  | 7030  | 2017       |
| 78     | 22293<br>93889590 | ZRCD220293  | 2022      | 6.18         |                   |     |     |      |       |     |     |                 | 338         | 11.5        | -0.11        | 11.2        | -0.03        | 17.8       | -0.8            | 89              | 47 | GLEN LEITH QUIGLEY S2J ET       |  |       |            |
| 79     | 19260<br>93896405 | ZRCD190260  | 2019      | 5.71         |                   |     |     |      |       |     |     |                 | 143         | 23.8        | 0.25         | 11.0        | 0.09         | 23.3       | -3.5            | 95              | 53 | ROMA MURMUR KINGPIN S3J ET      |  |       |            |
| 80     | 19328<br>93880599 | ZRCD190328  | 2019      | 5.71         |                   |     |     |      |       |     |     |                 | 271         | 9.8         | -0.08        | 10.9        | 0.01         | 10.5       | -4.1            | 95              | 53 | ROMA MURMUR KINGPIN S3J ET      |  |       |            |
| 81     | 22384<br>93891216 | ZRCD220384  | 2022      | 4.01         |                   |     |     |      |       |     |     |                 | 246         | 6.1         | -0.12        | 10.9        | 0.02         | 10.9       | -1.3            | 88              | 55 | AMBZED LT OMEGA ET S3J ET       |  | 20043 | 2020       |
| 82     | 21130<br>93891646 | ZRCD210130  | 2021      | 6.01         |                   |     |     |      |       |     |     |                 | 413         | 4.2         | -0.28        | 10.8        | -0.08        | 19.1       | -0.2            | 99              | 46 | JX ABS CHAPMAN {4} ET           |  |       |            |
| 83     | 22351<br>93890523 | ZRCD220351  | 2022      | 4.82         |                   |     |     |      |       |     |     |                 | 513         | 2.5         | -0.38        | 10.8        | -0.14        | 5.1        | 0.4             | 105             | 37 | CAL-MART MEDALIST PILGRIM ET    |  | 20076 | 2020       |
| 84     | 20172<br>93882546 | ZRCD200172  | 2020      | 5.78         |                   |     |     |      |       |     |     |                 | 870         | -2.5        | -0.71        | 10.7        | -0.34        | 0.8        | -4.0            | 96              | 52 | STEINHAUERS SAMSON LEMONHEAD    |  |       |            |
| 85     | 20080<br>93881597 | ZRCD200080  | 2020      | 5.78         |                   |     |     |      |       |     |     |                 | 155         | 11.1        | 0.03         | 10.6        | 0.07         | 3.5        | -1.6            | 104             | 50 | HEARTLAND PHAROAH APOLLO ET     |  |       |            |
| 86     | 22416<br>93905032 | ZRCD220416  | 2022      | 3.79         |                   |     |     |      |       |     |     |                 | 403         | 3.0         | -0.29        | 10.6        | -0.08        | 14.7       | 0.8             | 91              | 49 | AMBZED LT OMEGA ET S3J ET       |  | 8144  | 2018       |
| 87     | 22231<br>93888758 | ZRCD220231  | 2022      | 6.18         |                   |     |     |      |       |     |     |                 | 176         | 8.0         | -0.03        | 10.6        | 0.06         | 1.5        | -1.8            | 96              | 13 |                                 |  | 20171 | 2020       |
| 88     | 19122<br>93885069 | ZRCD190122  | 2019      | 5.71         |                   |     |     |      |       |     |     |                 | 284         | 16.2        | 0.01         | 10.5        | -0.01        | 24.1       | -1.5            | 91              | 48 | ARRIET NN DEGREE -ET            |  |       |            |
| 89     | 22026<br>93887321 | ZRCD220026  | 2022      | 6.14         |                   |     |     |      |       |     |     |                 | 252         | 7.9         | -0.09        | 10.4        | 0.01         | 27.6       | -1.0            | 87              | 52 | AMBZED LT OMEGA ET S3J ET       |  | 20037 | 2020       |
| 90     | 24140<br>96629878 | ZRCD240140* | 2024      | 6.74         |                   |     |     |      |       |     |     |                 | 326         | 6.2         | -0.18        | 10.3        | -0.04        | 7.8        | 1.1             | 93              | 12 |                                 |  | 22124 | 2022       |
| 91     | 19164<br>93894640 | ZRCD190164  | 2019      | 5.71         |                   |     |     |      |       |     |     |                 | 233         | 17.5        | 0.07         | 10.3        | 0.02         | 13.8       | -2.7            | 95              | 53 | ROMA MURMUR KINGPIN S3J ET      |  |       |            |
| 92     | 21329<br>93886380 | ZRCD210329  | 2021      | 6.01         |                   |     |     |      |       |     |     |                 | 441         | 4.8         | -0.30        | 10.2        | -0.11        | 14.2       | 5.1             | 96              | 52 | ALL LYNNS LOUIE VALENTINO-ET    |  |       |            |
| 93     | 21180<br>93891935 | ZRCD210180  | 2021      | 5.09         |                   |     |     |      |       |     |     |                 | 499         | 6.5         | -0.31        | 10.1        | -0.14        | -1.3       | 7.7             | 101             | 54 | ALL LYNNS LOUIE VALENTINO-ET    |  | 19132 | 2019       |
| 94     | 20325<br>93882058 | ZRCD200325  | 2020      | 5.78         |                   |     |     |      |       |     |     |                 | 100         | 9.7         | 0.06         | 9.7         | 0.09         | 20.7       | -0.5            | 97              | 49 | BROOKBORA VALENTINO ASKN ET     |  |       |            |
| 95     | 20348<br>93882165 | ZRCD200348  | 2020      | 5.65         |                   |     |     |      |       |     |     |                 | 477         | 4.3         | -0.33        | 9.6         | -0.14        | 13.9       | 1.1             | 95              | 51 | ROMA MURMUR KINGPIN S3J ET      |  | 5097  | 2015       |
| 96     | 22280<br>93889491 | ZRCD220280  | 2022      | 4.64         |                   |     |     |      |       |     |     |                 | 323         | -7.0        | -0.38        | 9.6         | -0.05        | 26.8       | -2.6            | 91              | 53 | JX MOUNT ROCK VICEROY ALPHA {4} |  | 20101 | 2020       |
| 97     | 19350<br>93880789 | ZRCD190350  | 2019      | 5.71         |                   |     |     |      |       |     |     |                 | -9          | 19.3        | 0.31         | 9.6         | 0.16         | 11.5       | -4.8            | 81              | 52 | BLUE MIST GOLDA PAGEANT ET      |  |       |            |
| 98     | 20009<br>93881068 | ZRCD200009  | 2020      | 5.73         |                   |     |     |      |       |     |     |                 | 184         | 17.2        | 0.11         | 9.5         | 0.04         | 7.7        | 0.4             | 98              | 56 | ROMA MURMUR KINGPIN S3J ET      |  | 8021  | 2018       |
| 99     | 22093<br>93887735 | ZRCD220093  | 2022      | 6.18         |                   |     |     |      |       |     |     |                 | 400         | 9.9         | -0.18        | 9.5         | -0.09        | 25.3       | 0.7             | 96              | 50 | PUKETAWA KING CARRICK JG ET     |  |       |            |
| 100    | 20039<br>93881282 | ZRCD200039  | 2020      | 5.78         |                   |     |     |      |       |     |     |                 | 308         | 0.8         | -0.25        | 9.3         | -0.04        | 11.8       | -4.9            | 105             | 51 | HEARTLAND PHAROAH APOLLO ET     |  |       |            |

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| Animal |                   |             |           |              | Selection Indices |     |     |      |       |     |     | Breeding Values |             |             |              |             |              |            |                 |                 |    | Pedigree                        |       |       |            |
|--------|-------------------|-------------|-----------|--------------|-------------------|-----|-----|------|-------|-----|-----|-----------------|-------------|-------------|--------------|-------------|--------------|------------|-----------------|-----------------|----|---------------------------------|-------|-------|------------|
|        | Farmnr<br>Regno   | Name        | B<br>Year | % In-<br>brd | SAI               | CYI | FMI | Body | Udder | F&L | BWC | EFI             | EBV<br>Milk | EBV<br>Bfat | EBV<br>Bfat% | EBV<br>Prot | EBV<br>Prot% | EBV<br>Som | EBV<br>Calf Int | EBV<br>Herdlife | B  | Sire                            |       | Dam   | Dam<br>BYr |
| 101    | 22016<br>93887230 | ZRCD220016  | 2022      | 6.18         |                   |     |     |      |       |     |     |                 | 268         | 8.1         | -0.10        | 8.9         | -0.03        | 2.9        | -2.8            | 89              | 50 | AMBZED LT OMEGA ET S3J ET       |       |       |            |
| 102    | 20174<br>93882561 | ZRCD200174  | 2020      | 5.78         |                   |     |     |      |       |     |     |                 | 405         | 7.5         | -0.22        | 8.9         | -0.11        | 13.6       | 0.2             | 99              | 51 | ROMA MURMUR KINGPIN S3J ET      |       |       |            |
| 103    | 21379<br>93886786 | ZRCD210379  | 2021      | 5.73         |                   |     |     |      |       |     |     |                 | 373         | -3.5        | -0.37        | 8.9         | -0.09        | 37.1       | -3.2            | 98              | 51 | JX MOUNT ROCK VICEROY ALPHA {4} |       | 8143  | 2018       |
| 104    | 21148<br>93891760 | ZRCD210148  | 2021      | 6.01         |                   |     |     |      |       |     |     |                 | 741         | -9.0        | -0.72        | 8.7         | -0.30        | 22.3       | 1.2             | 97              | 46 | JX ABS CHAPMAN {4} ET           |       |       |            |
| 105    | 22139<br>93888063 | ZRCD220139  | 2022      | 6.18         |                   |     |     |      |       |     |     |                 | 453         | 6.2         | -0.28        | 8.6         | -0.14        | 11.4       | 1.3             | 99              | 43 |                                 | 19307 | 2019  |            |
| 106    | 22014<br>93887214 | ZRCD220014  | 2022      | 6.18         |                   |     |     |      |       |     |     |                 | 353         | 2.5         | -0.26        | 8.6         | -0.08        | 25.9       | -1.6            | 89              | 50 | AMBZED LT OMEGA ET S3J ET       |       |       |            |
| 107    | 8174<br>93883551  | ZRCD180174  | 2018      | 5.73         |                   |     |     |      |       |     |     |                 | 234         | 9.9         | -0.05        | 8.4         | -0.01        | 13.6       | 1.4             | 97              | 49 | MS EASTON ET                    |       |       |            |
| 108    | 20398<br>93895563 | ZRCD200398  | 2020      | 5.78         |                   |     |     |      |       |     |     |                 | 316         | 5.8         | -0.18        | 8.4         | -0.06        | 24.5       | 0.0             | 107             | 51 | JX ABS TLD HEINZ {3} ET         |       |       |            |
| 109    | 21014<br>93889947 | ZRCD210014  | 2021      | 5.73         |                   |     |     |      |       |     |     |                 | 133         | 3.3         | -0.07        | 8.4         | 0.05         | 19.7       | -2.6            | 97              | 51 | JX MOUNT ROCK VICEROY ALPHA {4} |       | 8284  | 2018       |
| 110    | 22343<br>93890457 | ZRCD220343  | 2022      | 6.18         |                   |     |     |      |       |     |     |                 | 199         | 1.4         | -0.16        | 8.4         | 0.01         | 2.2        | 0.9             | 98              | 13 |                                 | 20090 | 2020  |            |
| 111    | 21036<br>93890135 | ZRCD210036  | 2021      | 6.01         |                   |     |     |      |       |     |     |                 | 77          | 7.7         | 0.05         | 8.1         | 0.08         | 19.4       | -2.0            | 97              | 51 | ROMA MURMUR KINGPIN S3J ET      |       |       |            |
| 112    | 21274<br>93885952 | ZRCD210274  | 2021      | 6.09         |                   |     |     |      |       |     |     |                 | 447         | 6.0         | -0.28        | 8.0         | -0.15        | -0.7       | 6.2             | 86              | 54 | ALL LYNNS LOUIE VALENTINO-ET    |       | 19367 | 2019       |
| 113    | 21411<br>93896074 | ZRCD210411  | 2021      | 5.59         |                   |     |     |      |       |     |     |                 | 518         | -7.9        | -0.54        | 7.9         | -0.19        | 24.9       | 1.6             | 93              | 51 | JX MOUNT ROCK VICEROY ALPHA {4} |       | 6191  | 2016       |
| 114    | 21246<br>93892347 | ZRCD210246  | 2021      | 6.01         |                   |     |     |      |       |     |     |                 | 123         | 13.0        | 0.10         | 7.9         | 0.05         | 10.3       | -2.8            | 99              | 51 | PUKETAWA KING CARRICK JG ET     |       |       |            |
| 115    | 21165<br>93895134 | ZRCD210165  | 2021      | 6.26         |                   |     |     |      |       |     |     |                 | -57         | 9.5         | 0.20         | 7.9         | 0.17         | 35.8       | -1.2            | 91              | 53 | AMBZED LT OMEGA ET S3J ET       |       | 19123 | 2019       |
| 116    | 20367<br>93889210 | ZRCD200367  | 2020      | 4.80         |                   |     |     |      |       |     |     |                 | 86          | 5.5         | 0.01         | 7.8         | 0.07         | 13.2       | -2.8            | 103             | 53 | ROMA MURMUR KINGPIN S3J ET      |       | 8154  | 2018       |
| 117    | 21207<br>93892073 | ZRCD210207  | 2021      | 6.01         |                   |     |     |      |       |     |     |                 | 403         | 8.2         | -0.21        | 7.7         | -0.13        | 3.6        | 5.5             | 102             | 51 | ALL LYNNS LOUIE VALENTINO-ET    |       |       |            |
| 118    | 20093<br>93881688 | ZRCD200093  | 2020      | 5.78         |                   |     |     |      |       |     |     |                 | 297         | -2.8        | -0.30        | 7.7         | -0.06        | 30.6       | -3.0            | 100             | 53 | ROMA MURMUR KINGPIN S3J ET      |       |       |            |
| 119    | 21325<br>93886349 | ZRCD210325  | 2021      | 6.01         |                   |     |     |      |       |     |     |                 | 112         | 6.6         | 0.00         | 7.6         | 0.05         | 9.3        | -5.8            | 94              | 50 | AMBZED LT OMEGA ET S3J ET       |       |       |            |
| 120    | 24389<br>97284962 | ZRCD240389* | 2024      | 6.74         |                   |     |     |      |       |     |     |                 | 212         | 4.6         | -0.11        | 7.6         | -0.01        | 9.2        | 0.0             | 92              | 5  |                                 | 22397 | 2022  |            |
| 121    | 20359<br>93889145 | ZRCD200359  | 2020      | 5.78         |                   |     |     |      |       |     |     |                 | 106         | -0.2        | -0.11        | 7.6         | 0.06         | 9.8        | -1.8            | 87              | 51 | BROADLIN AUSSIEGOLD P ET        |       |       |            |
| 122    | 20256<br>93881944 | ZRCD200256  | 2020      | 5.78         |                   |     |     |      |       |     |     |                 | 113         | 9.3         | 0.04         | 7.4         | 0.05         | 21.4       | -1.1            | 105             | 49 | BROOKBORA VALENTINO ASKN ET     |       |       |            |
| 123    | 22074<br>93887636 | ZRCD220074  | 2022      | 6.18         |                   |     |     |      |       |     |     |                 | 385         | 6.6         | -0.22        | 7.3         | -0.12        | 22.7       | -0.1            | 95              | 50 | PUKETAWA KING CARRICK JG ET     |       |       |            |
| 124    | 20269<br>93883106 | ZRCD200269  | 2020      | 5.78         |                   |     |     |      |       |     |     |                 | 250         | 7.0         | -0.11        | 7.2         | -0.04        | 19.7       | -3.1            | 99              | 53 | ROMA MURMUR KINGPIN S3J ET      |       |       |            |
| 125    | 23090<br>94801933 | ZRCD230090  | 2023      | 6.53         |                   |     |     |      |       |     |     |                 | 265         | 1.8         | -0.20        | 6.9         | -0.06        | 1.5        | -1.2            | 99              | 11 |                                 | 19186 | 2019  |            |

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\*Inbreeding above 6.25% is high!

Top 25% of the herd  
Bottom 25% of the herd

Above breed average

Top 10% of the breed

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M = MACE (International) breeding value

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| Animal |                   |             |           |              | Selection Indices |     |     |      |       |     |     | Breeding Values |                  |             |              |             |                    |                   |                  |                 |    | Pedigree                     |       |            |  |
|--------|-------------------|-------------|-----------|--------------|-------------------|-----|-----|------|-------|-----|-----|-----------------|------------------|-------------|--------------|-------------|--------------------|-------------------|------------------|-----------------|----|------------------------------|-------|------------|--|
|        | Farmnr<br>Regno   | Name        | B<br>Year | % In-<br>brd | SAI               | CYI | FMI | Body | Udder | F&L | BWC | EFI             | EBV<br>Milk      | EBV<br>Bfat | EBV<br>Bfat% | EBV<br>Prot | EBV<br>Prot%       | EBV<br>Som        | EBV<br>Calf Int  | EBV<br>Herdlife | B  | Sire                         | Dam   | Dam<br>BYr |  |
| 126    | 22101<br>93887800 | ZRCD220101  | 2022      | 6.18         |                   |     |     |      |       |     |     |                 | 39               | 10.8        | 0.13         | 6.9         | 0.09               | 6.1               | -0.2             | 85              | 44 |                              | 19363 | 2019       |  |
| 127    | 8288<br>93883924  | ZRCD180288  | 2018      | 5.73         |                   |     |     |      |       |     |     |                 | 247              | 10.1        | -0.06        | 6.8         | -0.04              | 13.1              | -4.2             | 75              | 53 | BLUE MIST GOLDA PAGEANT ET   |       |            |  |
| 128    | 20073<br>93881548 | ZRCD200073  | 2020      | 5.78         |                   |     |     |      |       |     |     |                 | 189              | 12.9        | 0.04         | 6.8         | -0.01              | 1.2               | -3.7             | 100             | 51 | PUKETAWA KING CARRICK JG ET  |       |            |  |
| 129    | 22361<br>93895639 | ZRCD220361  | 2022      | 4.01         |                   |     |     |      |       |     |     |                 | -57              | 4.2         | 0.11         | 6.8         | 0.15               | 20.6              | -4.3             | 89              | 55 | AMBZED LT OMEGA ET S3J ET    | 20373 | 2020       |  |
| 130    | 19268<br>93880227 | ZRCD190268  | 2019      | 5.71         |                   |     |     |      |       |     |     |                 | -93              | 15.6        | 0.33         | 6.7         | 0.17               | 18.5              | -6.6             | 97              | 48 | ARRIET NN DEGREE -ET         |       |            |  |
| 131    | 22190<br>93892768 | ZRCD220190  | 2022      | 6.18         |                   |     |     |      |       |     |     |                 | 154              | 2.7         | -0.10        | 6.6         | 0.01               | 13.1              | 1.4              | 86              | 40 |                              | 20364 | 2020       |  |
| 132    | 21229<br>93895845 | ZRCD210229  | 2021      | 5.73         |                   |     |     |      |       |     |     |                 | 339              | 7.9         | -0.17        | 6.6         | -0.10              | 3.9               | 7.1              | 101             | 51 | ALL LYNNS LOUIE VALENTINO-ET | 8162  | 2018       |  |
| 133    | 21336<br>93886430 | ZRCD210336  | 2021      | 6.01         |                   |     |     |      |       |     |     |                 | 42               | 12.9        | 0.17         | 6.5         | 0.08               | 18.3              | -2.5             | 99              | 51 | PUKETAWA KING CARRICK JG ET  |       |            |  |
| 134    | 20220<br>93882835 | ZRCD200220  | 2020      | 5.78         |                   |     |     |      |       |     |     |                 | 75               | 2.1         | -0.04        | 6.4         | 0.05               | 29.3              | -4.8             | 92              | 51 | ROMA MURMUR KINGPIN S3J ET   |       |            |  |
| 135    | 20273<br>93883122 | ZRCD200273  | 2020      | 5.78         |                   |     |     |      |       |     |     |                 | 156              | 11.9        | 0.05         | 6.3         | 0.00               | 13.1              | -2.8             | 98              | 51 | ROMA MURMUR KINGPIN S3J ET   |       |            |  |
| 136    | 20339<br>93882124 | ZRCD200339  | 2020      | 5.78         |                   |     |     |      |       |     |     |                 | 376              | -1.1        | -0.34        | 6.3         | -0.13              | 11.0              | -6.4             | 103             | 52 | STEINHAUERS SAMSON LEMONHEAD |       |            |  |
| 137    | 22344<br>93890465 | ZRCD220344  | 2022      | 6.18         |                   |     |     |      |       |     |     |                 | 303              | -3.1        | -0.31        | 6.2         | -0.09              | -3.4              | 4.3              | 86              | 47 |                              | 20233 | 2020       |  |
| 138    | 21368<br>93886703 | ZRCD210368  | 2021      | 6.01         |                   |     |     |      |       |     |     |                 | 385              | 2.3         | -0.29        | 6.2         | -0.14              | 1.7               | 4.6              | 103             | 52 | ALL LYNNS LOUIE VALENTINO-ET |       |            |  |
| 139    | 19130<br>93884773 | ZRCD190130  | 2019      | 5.71         |                   |     |     |      |       |     |     |                 | 14               | 13.5        | 0.20         | 6.2         | 0.09               | 20.7              | -3.3             | 95              | 53 | ROMA MURMUR KINGPIN S3J ET   |       |            |  |
| 140    | 20180<br>93882603 | ZRCD200180  | 2020      | 5.78         |                   |     |     |      |       |     |     |                 | 108              | 12.5        | 0.10         | 6.1         | 0.03               | -8.8              | -8.1             | 103             | 52 | STEINHAUERS SAMSON LEMONHEAD |       |            |  |
| 141    | 23074<br>94763729 | ZRCD230074  | 2023      | 5.73         |                   |     |     |      |       |     |     |                 | 210 <sup>M</sup> | -1.0        | -0.20        | 6.0         | -0.04 <sup>M</sup> | 18.6 <sup>M</sup> | 5.2 <sup>M</sup> | 88 <sup>M</sup> | 24 | AMBZED LT OMEGA ET S3J ET    | 8119  | 2018       |  |
| 142    | 22008<br>93887164 | ZRCD220008  | 2022      | 6.18         |                   |     |     |      |       |     |     |                 | 369              | 4.1         | -0.25        | 6.0         | -0.13              | 10.1              | 3.2              | 95              | 44 |                              | 20069 | 2020       |  |
| 143    | 22423<br>93905180 | ZRCD220423  | 2022      | 5.73         |                   |     |     |      |       |     |     |                 | 240              | -1.2        | -0.23        | 5.9         | -0.06              | 0.7               | -1.7             | 107             | 25 | CAL-MART MEDALIST PILGRIM ET | 8252  | 2018       |  |
| 144    | 24107<br>96558341 | ZRCD240107* | 2024      | 6.74         |                   |     |     |      |       |     |     |                 | 173              | 5.0         | -0.08        | 5.9         | -0.01              | 7.8               | 0.5              | 92              | 12 |                              | 22293 | 2022       |  |
| 145    | 21177<br>93891919 | ZRCD210177  | 2021      | 12.93        |                   |     |     |      |       |     |     |                 | 282              | 14.1        | -0.03        | 5.9         | -0.08              | 1.5               | 4.2              | 98              | 53 | ALL LYNNS LOUIE VALENTINO-ET | 19193 | 2019       |  |
| 146    | 23142<br>94835378 | ZRCD230142  | 2023      | 6.53         |                   |     |     |      |       |     |     |                 | 219              | 4.8         | -0.12        | 5.7         | -0.04              | 2.8               | 1.0              | 96              | 12 |                              | 19029 | 2019       |  |
| 147    | 20198<br>93894400 | ZRCD200198  | 2020      | 5.73         |                   |     |     |      |       |     |     |                 | 356              | -6.1        | -0.40        | 5.6         | -0.13              | 8.9               | -3.5             | 96              | 51 | HEARTLAND PHAROAH APOLLO ET  | 8131  | 2018       |  |
| 148    | 21070<br>93890838 | ZRCD210070  | 2021      | 6.01         |                   |     |     |      |       |     |     |                 | 508              | -3.5        | -0.47        | 5.6         | -0.22              | 2.0               | -3.7             | 102             | 51 | HEARTLAND PHAROAH APOLLO ET  |       |            |  |
| 149    | 19115<br>93895019 | ZRCD190115  | 2019      | 5.82         |                   |     |     |      |       |     |     |                 | 284              | 0.4         | -0.24        | 5.5         | -0.09              | 13.3              | 1.6              | 90              | 51 | ROMA MURMUR KINGPIN S3J ET   | 7025  | 2017       |  |
| 150    | 19211<br>93885507 | ZRCD190211  | 2019      | 5.71         |                   |     |     |      |       |     |     |                 | -57              | 8.2         | 0.18         | 5.5         | 0.13               | 16.2              | -4.6             | 90              | 47 | ARRIET NN DEGREE -ET         |       |            |  |

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Bottom 25% of the herd

Above breed average

Top 10% of the breed

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M = MACE (International) breeding value

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| Animal |                   |             |           |              | Selection Indices |     |     |      |       |     |     | Breeding Values |                  |             |              |             |              |                   |                  |                 |    | Pedigree                        |       |            |  |
|--------|-------------------|-------------|-----------|--------------|-------------------|-----|-----|------|-------|-----|-----|-----------------|------------------|-------------|--------------|-------------|--------------|-------------------|------------------|-----------------|----|---------------------------------|-------|------------|--|
|        | Farmnr<br>Regno   | Name        | B<br>Year | % In-<br>brd | SAI               | CYI | FMI | Body | Udder | F&L | BWC | EFI             | EBV<br>Milk      | EBV<br>Bfat | EBV<br>Bfat% | EBV<br>Prot | EBV<br>Prot% | EBV<br>Som        | EBV<br>Calf Int  | EBV<br>Herdlife | B  | Sire                            | Dam   | Dam<br>BYr |  |
| 151    | 20261<br>93883056 | ZRCD200261  | 2020      | 5.78         |                   |     |     |      |       |     |     |                 | 500              | -9.6        | -0.55        | 5.4         | -0.21        | 4.3               | -3.6             | 104             | 52 | STEINHAUERS SAMSON LEMONHEAD    |       |            |  |
| 152    | 19188<br>93894673 | ZRCD190188  | 2019      | 5.71         |                   |     |     |      |       |     |     |                 | 474              | 12.8        | -0.20        | 5.4         | -0.20        | -4.9              | 0.5              | 100             | 48 | BUSHLEA RV CASUAL ET            |       |            |  |
| 153    | 22065<br>93887578 | ZRCD220065  | 2022      | 5.69         |                   |     |     |      |       |     |     |                 | 458              | -11.0       | -0.55        | 5.4         | -0.19        | 9.7               | 1.2              | 95              | 51 | JX MOUNT ROCK VICEROY ALPHA {4} | 16486 | 2016       |  |
| 154    | 20386<br>93895555 | ZRCD200386  | 2020      | 5.78         |                   |     |     |      |       |     |     |                 | 214              | -1.5        | -0.21        | 5.3         | -0.05        | 30.7              | 3.1              | 86              | 51 | BROADLIN AUSSIEGOLD P ET        |       |            |  |
| 155    | 21085<br>93890929 | ZRCD210085  | 2021      | 6.01         |                   |     |     |      |       |     |     |                 | 346              | -6.3        | -0.39        | 5.2         | -0.13        | -0.2              | -1.1             | 99              | 43 |                                 | 19052 | 2019       |  |
| 156    | 19193<br>93885390 | ZRCD190193  | 2019      | 5.71         |                   |     |     |      |       |     |     |                 | 225              | 12.9        | 0.00         | 5.2         | -0.06        | 2.9               | -6.8             | 98              | 50 | BUSHLEA RV CASUAL ET            |       |            |  |
| 157    | 22052<br>93887487 | ZRCD220052  | 2022      | 6.18         |                   |     |     |      |       |     |     |                 | -1               | 8.9         | 0.14         | 5.1         | 0.08         | 4.7               | -1.5             | 89              | 13 |                                 | 19350 | 2019       |  |
| 158    | 19155<br>93894632 | ZRCD190155  | 2019      | 5.71         |                   |     |     |      |       |     |     |                 | 365              | 5.3         | -0.23        | 5.1         | -0.14        | 10.6              | -5.2             | 101             | 51 | BUSHLEA RV CASUAL ET            |       |            |  |
| 159    | 20266<br>93883072 | ZRCD200266  | 2020      | 5.78         |                   |     |     |      |       |     |     |                 | 36               | 9.0         | 0.11         | 5.1         | 0.06         | 16.6              | 0.6              | 86              | 51 | BROADLIN AUSSIEGOLD P ET        |       |            |  |
| 160    | 22041<br>93887420 | ZRCD220041  | 2022      | 3.87         |                   |     |     |      |       |     |     |                 | 87               | -0.5        | -0.09        | 5.1         | 0.03         | 14.1              | -4.3             | 94              | 51 | AMBZED LT OMEGA ET S3J ET       | 19334 | 2019       |  |
| 161    | 22095<br>93887743 | ZRCD220095  | 2022      | 5.65         |                   |     |     |      |       |     |     |                 | -76              | 5.2         | 0.15         | 5.0         | 0.13         | 15.8              | -3.4             | 84              | 50 | AMBZED LT OMEGA ET S3J ET       | 5013  | 2015       |  |
| 162    | 23364<br>95546115 | ZRCD230364  | 2023      | 6.53         |                   |     |     |      |       |     |     |                 | 190              | -2.5        | -0.21        | 4.8         | -0.04        | 17.5              | -0.7             | 97              | 13 |                                 | 21379 | 2021       |  |
| 163    | 21228<br>93894186 | ZRCD210228  | 2021      | 6.01         |                   |     |     |      |       |     |     |                 | -10              | 14.8        | 0.25         | 4.7         | 0.08         | 28.0              | -3.2             | 99              | 51 | PUKETAWA KING CARRICK JG ET     |       |            |  |
| 164    | 22084<br>93896199 | ZRCD220084  | 2022      | 5.71         |                   |     |     |      |       |     |     |                 | -81              | 8.8         | 0.21         | 4.6         | 0.13         | 19.1              | -1.0             | 94              | 50 | PUKETAWA KING CARRICK JG ET     | 19028 | 2019       |  |
| 165    | 20238<br>93882959 | ZRCD200238  | 2020      | 5.49         |                   |     |     |      |       |     |     |                 | 504              | 6.3         | -0.32        | 4.6         | -0.23        | 6.4               | 3.9              | 98              | 49 | BROOKBORA VALENTINO ASKN ET     | 4452  | 2014       |  |
| 166    | 21005<br>93889483 | ZRCD210005  | 2021      | 6.01         |                   |     |     |      |       |     |     |                 | 198              | 1.1         | -0.16        | 4.6         | -0.05        | 0.2               | -7.0             | 104             | 52 | STEINHAUERS SAMSON LEMONHEAD    |       |            |  |
| 167    | 22327<br>93890291 | ZRCD220327  | 2022      | 6.30         |                   |     |     |      |       |     |     |                 | 112 <sup>M</sup> | -0.6        | -0.11        | 4.5         | 0.00         | <sup>M</sup> 24.3 | <sup>M</sup> 3.8 | <sup>M</sup> 90 | 34 | AMBZED LT OMEGA ET S3J ET       | 20355 | 2020       |  |
| 168    | 8127<br>93883338  | ZRCD180127  | 2018      | 5.73         |                   |     |     |      |       |     |     |                 | 141              | 4.7         | -0.06        | 4.2         | -0.02        | 15.6              | 0.3              | 97              | 49 | MS EASTON ET                    |       |            |  |
| 169    | 20280<br>93883163 | ZRCD200280  | 2020      | 5.78         |                   |     |     |      |       |     |     |                 | 185              | 5.5         | -0.08        | 4.1         | -0.05        | 28.9              | -3.2             | 99              | 49 | BROOKBORA VALENTINO ASKN ET     |       |            |  |
| 170    | 21227<br>93892214 | ZRCD210227  | 2021      | 6.01         |                   |     |     |      |       |     |     |                 | 112              | 3.2         | -0.05        | 4.0         | -0.01        | 20.8              | -2.7             | 99              | 51 | PUKETAWA KING CARRICK JG ET     |       |            |  |
| 171    | 21113<br>93891547 | ZRCD210113  | 2021      | 6.01         |                   |     |     |      |       |     |     |                 | 164              | -2.8        | -0.19        | 3.9         | -0.04        | 27.2              | -2.4             | 97              | 51 | JX MOUNT ROCK VICEROY ALPHA {4} |       |            |  |
| 172    | 24109<br>96558366 | ZRCD240109* | 2024      | 6.74         |                   |     |     |      |       |     |     |                 | 173              | 3.2         | -0.11        | 3.7         | -0.05        | 0.9               | 4.5              | 98              | 13 |                                 | 21229 | 2021       |  |
| 173    | 23106<br>94802097 | ZRCD230106  | 2023      | 6.53         |                   |     |     |      |       |     |     |                 | 82               | 5.2         | 0.01         | 3.5         | 0.00         | 5.5               | -0.5             | 97              | 13 |                                 | 20273 | 2020       |  |
| 174    | 22100<br>93887792 | ZRCD220100  | 2022      | 6.18         |                   |     |     |      |       |     |     |                 | 230              | 4.1         | -0.13        | 3.5         | -0.09        | 16.5              | -1.4             | 96              | 50 | PUKETAWA KING CARRICK JG ET     |       |            |  |
| 175    | 20322<br>93882033 | ZRCD200322  | 2020      | 5.78         |                   |     |     |      |       |     |     |                 | 210              | -4.9        | -0.27        | 3.4         | -0.08        | 15.7              | -10.5            | 97              | 52 | STEINHAUERS SAMSON LEMONHEAD    |       |            |  |

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\*Inbreeding above 6.25% is high!

Top 25% of the herd  
Bottom 25% of the herd

Above breed average

Top 10% of the breed

Bottom 10% of the breed

M = MACE (International) breeding value

G = Genomically enhanced EBV

| Animal |                   |             |           |              | Selection Indices |     |     |      |       |     |     | Breeding Values |             |             |              |             |              |            |                 |                 |    | Pedigree                        |       |       |            |
|--------|-------------------|-------------|-----------|--------------|-------------------|-----|-----|------|-------|-----|-----|-----------------|-------------|-------------|--------------|-------------|--------------|------------|-----------------|-----------------|----|---------------------------------|-------|-------|------------|
|        | Farmnr<br>Regno   | Name        | B<br>Year | % In-<br>brd | SAI               | CYI | FMI | Body | Udder | F&L | BWC | EFI             | EBV<br>Milk | EBV<br>Bfat | EBV<br>Bfat% | EBV<br>Prot | EBV<br>Prot% | EBV<br>Som | EBV<br>Calf Int | EBV<br>Herdlife | B  | Sire                            |       | Dam   | Dam<br>BYr |
| 176    | 23141<br>94835360 | ZRCD230141  | 2023      | 6.53         |                   |     |     |      |       |     |     |                 | 58          | 5.5         | 0.03         | 3.4         | 0.02         | -5.5       | -3.1            | 99              | 13 |                                 |       | 20180 | 2020       |
| 177    | 22005<br>93887131 | ZRCD220005  | 2022      | 6.18         |                   |     |     |      |       |     |     |                 | 45          | 1.9         | -0.02        | 3.4         | 0.03         | -7.9       | -1.3            | 95              | 42 |                                 |       | 20112 | 2020       |
| 178    | 22060<br>93887529 | ZRCD220060  | 2022      | 6.18         |                   |     |     |      |       |     |     |                 | 49          | 4.4         | 0.02         | 3.2         | 0.02         | 7.5        | -1.9            | 85              | 44 |                                 |       | 19357 | 2019       |
| 179    | 19190<br>93885366 | ZRCD190190  | 2019      | 5.71         |                   |     |     |      |       |     |     |                 | 19          | 2.9         | 0.02         | 3.2         | 0.04         | 19.2       | -1.6            | 94              | 51 | ROMA MURMUR KINGPIN S3J ET      |       |       |            |
| 180    | 8210<br>93883726  | ZRCD180210  | 2018      | 5.73         |                   |     |     |      |       |     |     |                 | 37          | 6.4         | 0.06         | 3.2         | 0.02         | -1.9       | -5.1            | 99              | 54 | CAL-MART MEDALIST PILGRIM ET    |       |       |            |
| 181    | 19284<br>93880326 | ZRCD190284  | 2019      | 5.71         |                   |     |     |      |       |     |     |                 | -19         | 13.4        | 0.23         | 3.0         | 0.06         | 7.4        | -2.7            | 100             | 52 | ROMA MURMUR KINGPIN S3J ET      |       |       |            |
| 182    | 20175<br>93882579 | ZRCD200175  | 2020      | 5.78         |                   |     |     |      |       |     |     |                 | 101         | 9.2         | 0.05         | 3.0         | -0.02        | 9.9        | -8.2            | 103             | 52 | STEINHAUERS SAMSON LEMONHEAD    |       |       |            |
| 183    | 20278<br>93881977 | ZRCD200278  | 2020      | 5.78         |                   |     |     |      |       |     |     |                 | 24          | -4.3        | -0.10        | 2.9         | 0.03         | 14.2       | -4.8            | 106             | 49 | BROOKBORA VALENTINO ASKN ET     |       |       |            |
| 184    | 20053<br>93881399 | ZRCD200053  | 2020      | 5.78         |                   |     |     |      |       |     |     |                 | 70          | 7.2         | 0.05         | 2.9         | 0.00         | 21.2       | -3.8            | 99              | 52 | ROMA MURMUR KINGPIN S3J ET      |       |       |            |
| 185    | 21282<br>93886000 | ZRCD210282  | 2021      | 6.01         |                   |     |     |      |       |     |     |                 | 88          | 8.6         | 0.05         | 2.8         | -0.01        | -3.1       | 2.6             | 103             | 52 | ALL LYNNS LOUIE VALENTINO-ET    |       |       |            |
| 186    | 21315<br>93886257 | ZRCD210315  | 2021      | 6.01         |                   |     |     |      |       |     |     |                 | 344         | -3.9        | -0.36        | 2.7         | -0.17        | 9.4        | 4.1             | 96              | 52 | ALL LYNNS LOUIE VALENTINO-ET    |       |       |            |
| 187    | 22025<br>93896132 | ZRCD220025  | 2022      | 6.18         |                   |     |     |      |       |     |     |                 | -161        | 0.8         | 0.15         | 2.7         | 0.15         | 33.3       | -4.5            | 95              | 51 | JX MOUNT ROCK VICEROY ALPHA {4} |       |       |            |
| 188    | 22270<br>93892891 | ZRCD220270  | 2022      | 4.54         |                   |     |     |      |       |     |     |                 | M-133       | M 0.8       | 0.14         | M 2.5       | 0.13         | M 16.8     | M -7.8          | M 92            | 27 | GLEN LEITH QUIGLEY S2J ET       | 20359 | 2020  |            |
| 189    | 21007<br>93889889 | ZRCD210007  | 2021      | 5.82         |                   |     |     |      |       |     |     |                 | 177         | -1.0        | -0.17        | 2.5         | -0.07        | 11.1       | 1.4             | 97              | 51 | ROMA MURMUR KINGPIN S3J ET      | 7413  | 2017  |            |
| 190    | 19141<br>93885127 | ZRCD190141  | 2019      | 5.71         |                   |     |     |      |       |     |     |                 | -71         | 13.0        | 0.27         | 2.5         | 0.09         | 16.7       | -7.0            | 91              | 50 | ARRIET NN DEGREE -ET            |       |       |            |
| 191    | 20011<br>93881084 | ZRCD200011  | 2020      | 5.82         |                   |     |     |      |       |     |     |                 | -227        | 11.2        | 0.39         | 2.4         | 0.19         | 9.4        | -0.5            | 99              | 52 | ROMA MURMUR KINGPIN S3J ET      | 7442  | 2017  |            |
| 192    | 22313<br>93889772 | ZRCD220313  | 2022      | 4.61         |                   |     |     |      |       |     |     |                 | 60          | -8.2        | -0.19        | 2.3         | 0.00         | 19.6       | -2.5            | 97              | 36 | JX MOUNT ROCK VICEROY ALPHA {4} | 19192 | 2019  |            |
| 193    | 19247<br>93885689 | ZRCD190247  | 2019      | 5.71         |                   |     |     |      |       |     |     |                 | 112         | -8.5        | -0.24        | 2.2         | -0.04        | 13.8       | -2.7            | 102             | 51 | ROMA MURMUR KINGPIN S3J ET      |       |       |            |
| 194    | 21150<br>93891778 | ZRCD210150  | 2021      | 6.01         |                   |     |     |      |       |     |     |                 | 211         | -6.9        | -0.30        | 2.2         | -0.10        | 12.9       | -2.3            | 99              | 46 | JX ABS CHAPMAN {4} ET           |       |       |            |
| 195    | 22034<br>93887388 | ZRCD220034  | 2022      | 4.28         |                   |     |     |      |       |     |     |                 | 2           | 8.3         | 0.13         | 2.1         | 0.03         | 9.9        | -0.3            | 101             | 53 | PUKETAWA KING CARRICK JG ET     | 16174 | 2016  |            |
| 196    | 19310<br>93880466 | ZRCD190310  | 2019      | 5.71         |                   |     |     |      |       |     |     |                 | 18          | 8.9         | 0.12         | 2.1         | 0.02         | 21.9       | 0.5             | 95              | 50 | ROMA MURMUR KINGPIN S3J ET      |       |       |            |
| 197    | 21117<br>93891554 | ZRCD210117  | 2021      | 6.01         |                   |     |     |      |       |     |     |                 | 163         | -13.1       | -0.36        | 2.0         | -0.07        | -0.9       | -5.2            | 102             | 51 | HEARTLAND PHAROAH APOLLO ET     |       |       |            |
| 198    | 24128<br>96588900 | ZRCD240128* | 2024      | 6.74         |                   |     |     |      |       |     |     |                 | 29          | 1.4         | -0.01        | 2.0         | 0.01         | 2.7        | 0.0             | 91              | 11 |                                 | 22060 | 2022  |            |
| 199    | 20364<br>93889186 | ZRCD200364  | 2020      | 5.78         |                   |     |     |      |       |     |     |                 | -76         | -1.9        | 0.02         | 1.8         | 0.08         | 28.3       | -1.8            | 79              | 53 | BROADLIN AUSSIEGOLD P ET        |       |       |            |
| 200    | 21334<br>93895951 | ZRCD210334  | 2021      | 6.01         |                   |     |     |      |       |     |     |                 | 228         | 0.6         | -0.19        | 1.6         | -0.11        | 23.7       | -2.7            | 92              | 51 | PUKETAWA KING CARRICK JG ET     |       |       |            |

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Above breed average

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| Animal |                   |             |           |              | Selection Indices |     |     |      |       |     |     | Breeding Values |             |             |              |             |              |            |                 |                 |    | Pedigree                        |       |            |  |
|--------|-------------------|-------------|-----------|--------------|-------------------|-----|-----|------|-------|-----|-----|-----------------|-------------|-------------|--------------|-------------|--------------|------------|-----------------|-----------------|----|---------------------------------|-------|------------|--|
|        | Farmnr<br>Regno   | Name        | B<br>Year | % In-<br>brd | SAI               | CYI | FMI | Body | Udder | F&L | BWC | EFI             | EBV<br>Milk | EBV<br>Bfat | EBV<br>Bfat% | EBV<br>Prot | EBV<br>Prot% | EBV<br>Som | EBV<br>Calf Int | EBV<br>Herdlife | B  | Sire                            | Dam   | Dam<br>BYr |  |
| 201    | 20081<br>93881605 | ZRCD200081  | 2020      | 5.78         |                   |     |     |      |       |     |     |                 | -242        | 12.8        | 0.43         | 1.6         | 0.19         | 2.4        | -5.0            | 100             | 51 | ROMA MURMUR KINGPIN S3J ET      |       |            |  |
| 202    | 20234<br>93895076 | ZRCD200234  | 2020      | 5.78         |                   |     |     |      |       |     |     |                 | 53          | 2.7         | -0.01        | 1.5         | -0.01        | 6.1        | -9.3            | 104             | 52 | STEINHAUERS SAMSON LEMONHEAD    |       |            |  |
| 203    | 21389<br>93886869 | ZRCD210389  | 2021      | 6.01         |                   |     |     |      |       |     |     |                 | -145        | 13.5        | 0.35         | 1.4         | 0.12         | 34.6       | -4.3            | 92              | 51 | PUKETAWA KING CARRICK JG ET     |       |            |  |
| 204    | 20087<br>93881639 | ZRCD200087  | 2020      | 5.78         |                   |     |     |      |       |     |     |                 | 29          | -1.0        | -0.05        | 1.4         | 0.00         | 13.5       | -3.4            | 99              | 52 | ROMA MURMUR KINGPIN S3J ET      |       |            |  |
| 205    | 20338<br>93882116 | ZRCD200338  | 2020      | 5.78         |                   |     |     |      |       |     |     |                 | 259         | 8.8         | -0.09        | 1.4         | -0.14        | 13.5       | -4.4            | 100             | 51 | ROMA MURMUR KINGPIN S3J ET      |       |            |  |
| 206    | 20158<br>93894343 | ZRCD200158  | 2020      | 4.80         |                   |     |     |      |       |     |     |                 | 230         | -8.8        | -0.34        | 1.4         | -0.12        | 23.7       | -1.3            | 97              | 53 | ROMA MURMUR KINGPIN S3J ET      | 8186  | 2018       |  |
| 207    | 19112<br>93885010 | ZRCD190112  | 2019      | 5.71         |                   |     |     |      |       |     |     |                 | 367         | -6.3        | -0.41        | 1.4         | -0.20        | 5.9        | -3.8            | 95              | 53 | ROMA MURMUR KINGPIN S3J ET      |       |            |  |
| 208    | 24130<br>96588926 | ZRCD240130* | 2024      | 6.74         |                   |     |     |      |       |     |     |                 | 5           | 3.4         | 0.04         | 1.4         | 0.02         | 3.9        | 0.8             | 98              | 13 |                                 | 22034 | 2022       |  |
| 209    | 19250<br>93885705 | ZRCD190250  | 2019      | 5.71         |                   |     |     |      |       |     |     |                 | 42          | -4.3        | -0.12        | 1.3         | -0.01        | 10.6       | -6.5            | 99              | 51 | HEARTLAND PHAROAH APOLLO ET     |       |            |  |
| 210    | 22076<br>93887651 | ZRCD220076  | 2022      | 6.18         |                   |     |     |      |       |     |     |                 | 62          | 1.4         | -0.04        | 1.2         | -0.02        | 7.7        | -3.3            | 96              | 50 | PUKETAWA KING CARRICK JG ET     |       |            |  |
| 211    | 22294<br>93889608 | ZRCD220294  | 2022      | 6.18         |                   |     |     |      |       |     |     |                 | 40          | -0.8        | -0.06        | 1.1         | -0.01        | M 6.8      | M -1.6          | M 95            | 6  |                                 | 20307 | 2020       |  |
| 212    | 20114<br>93882181 | ZRCD200114  | 2020      | 5.78         |                   |     |     |      |       |     |     |                 | -45         | 2.4         | 0.07         | 1.1         | 0.05         | 20.5       | -4.2            | 100             | 51 | ROMA MURMUR KINGPIN S3J ET      |       |            |  |
| 213    | 6191<br>93893204  | ZRCD160191  | 2016      | 5.69         |                   |     |     |      |       |     |     |                 | 261         | -4.9        | -0.30        | 1.0         | -0.15        | 7.8        | 1.2             | 91              | 12 |                                 | 4521  | 2014       |  |
| 214    | 22216<br>93895449 | ZRCD220216  | 2022      | 6.18         |                   |     |     |      |       |     |     |                 | -18         | 3.1         | 0.06         | 1.0         | 0.03         | 17.8       | -3.1            | 88              | 40 | GLEN LEITH QUIGLEY S2J ET       |       |            |  |
| 215    | 19212<br>93895803 | ZRCD190212  | 2019      | 5.71         |                   |     |     |      |       |     |     |                 | -213        | 12.1        | 0.39         | 0.9         | 0.16         | 16.3       | -4.6            | 91              | 48 | ARRIET NN DEGREE -ET            |       |            |  |
| 216    | 24415<br>97308050 | ZRCD240415* | 2024      | 6.74         |                   |     |     |      |       |     |     |                 | M -42       | M 1.1       | 0.06         | 0.9         | 0.04         | M 12.1     | M -3.4          | M 97            | 7  |                                 | 22224 | 2022       |  |
| 217    | 20130<br>93882280 | ZRCD200130  | 2020      | 5.78         |                   |     |     |      |       |     |     |                 | 222         | -11.1       | -0.37        | 0.8         | -0.13        | 10.8       | -6.2            | 105             | 51 | HEARTLAND PHAROAH APOLLO ET     |       |            |  |
| 218    | 22224<br>93888709 | ZRCD220224  | 2022      | 4.27         |                   |     |     |      |       |     |     |                 | M -93       | M 3.7       | 0.15         | M 0.8       | 0.08         | M 26.4     | M -8.6          | M 98            | 27 | GLEN LEITH QUIGLEY S2J ET       | 20280 | 2020       |  |
| 219    | 21035<br>93890127 | ZRCD210035  | 2021      | 6.01         |                   |     |     |      |       |     |     |                 | 185         | -11.5       | -0.35        | 0.6         | -0.11        | 11.4       | -3.0            | 97              | 51 | JX MOUNT ROCK VICEROY ALPHA {4} |       |            |  |
| 220    | 22296<br>93895290 | ZRCD220296  | 2022      | 4.24         |                   |     |     |      |       |     |     |                 | -89         | 2.3         | 0.11         | 0.6         | 0.07         | 21.3       | -0.3            | 92              | 48 | GLEN LEITH QUIGLEY S2J ET       | 20152 | 2020       |  |
| 221    | 22385<br>93891224 | ZRCD220385  | 2022      | 6.70         |                   |     |     |      |       |     |     |                 | -109        | 3.7         | 0.15         | 0.6         | 0.08         | 19.1       | -3.5            | 90              | 47 | GLEN LEITH QUIGLEY S2J ET       | 20269 | 2020       |  |
| 222    | 20298<br>93881860 | ZRCD200298  | 2020      | 5.78         |                   |     |     |      |       |     |     |                 | -6          | 2.0         | 0.03         | 0.5         | 0.01         | -7.3       | -8.3            | 96              | 51 | STEINHAUERS SAMSON LEMONHEAD    |       |            |  |
| 223    | 20181<br>93882611 | ZRCD200181  | 2020      | 5.78         |                   |     |     |      |       |     |     |                 | 92          | -0.9        | -0.11        | 0.4         | -0.05        | 2.6        | -7.5            | 103             | 51 | HEARTLAND PHAROAH APOLLO ET     |       |            |  |
| 224    | 20340<br>93895878 | ZRCD200340  | 2020      | 5.78         |                   |     |     |      |       |     |     |                 | 136         | -4.5        | -0.20        | 0.4         | -0.08        | 12.9       | -8.9            | 107             | 49 | BROOKBORA VALENTINO ASKN ET     |       |            |  |
| 225    | 20337<br>93882108 | ZRCD200337  | 2020      | 5.78         |                   |     |     |      |       |     |     |                 | 66          | -2.2        | -0.10        | 0.4         | -0.04        | -6.3       | -9.0            | 103             | 52 | STEINHAUERS SAMSON LEMONHEAD    |       |            |  |

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| Animal |                   |            |           |              | Selection Indices |     |     |      |       |     |     | Breeding Values |             |             |              |             |              |            |                 |                 |    | Pedigree                        |       |            |  |
|--------|-------------------|------------|-----------|--------------|-------------------|-----|-----|------|-------|-----|-----|-----------------|-------------|-------------|--------------|-------------|--------------|------------|-----------------|-----------------|----|---------------------------------|-------|------------|--|
|        | Farmnr<br>Regno   | Name       | B<br>Year | % In-<br>brd | SAI               | CYI | FMI | Body | Udder | F&L | BWC | EFI             | EBV<br>Milk | EBV<br>Bfat | EBV<br>Bfat% | EBV<br>Prot | EBV<br>Prot% | EBV<br>Som | EBV<br>Calf Int | EBV<br>Herdlife | B  | Sire                            | Dam   | Dam<br>BYr |  |
| 226    | 21399<br>93886935 | ZRCD210399 | 2021      | 6.01         |                   |     |     |      |       |     |     |                 | 81          | -0.3        | -0.08        | 0.3         | -0.05        | 10.1       | -3.8            | 97              | 50 | PUKETAWA KING CARRICK JG ET     |       |            |  |
| 227    | 21081<br>93895118 | ZRCD210081 | 2021      | 6.01         |                   |     |     |      |       |     |     |                 | 30          | -4.6        | -0.11        | 0.3         | -0.01        | -5.1       | -2.9            | 92              | 43 |                                 | 19020 | 2019       |  |
| 228    | 21199<br>93895258 | ZRCD210199 | 2021      | 12.93        |                   |     |     |      |       |     |     |                 | 189         | 1.4         | -0.15        | 0.3         | -0.12        | -13.6      | 3.4             | 98              | 53 | ALL LYNNS LOUIE VALENTINO-ET    | 19225 | 2019       |  |
| 229    | 20277<br>93883155 | ZRCD200277 | 2020      | 5.78         |                   |     |     |      |       |     |     |                 | -43         | 7.1         | 0.14         | 0.2         | 0.03         | -4.5       | -4.3            | 105             | 49 | BROOKBORA VALENTINO ASKN ET     |       |            |  |
| 230    | 20393<br>93889343 | ZRCD200393 | 2020      | 5.73         |                   |     |     |      |       |     |     |                 | 264         | -5.3        | -0.31        | 0.1         | -0.16        | 2.5        | -3.3            | 103             | 52 | STEINHAUERS SAMSON LEMONHEAD    | 8168  | 2018       |  |
| 231    | 20199<br>93882728 | ZRCD200199 | 2020      | 5.78         |                   |     |     |      |       |     |     |                 | -73         | -0.7        | 0.04         | 0.1         | 0.05         | 18.2       | -6.3            | 96              | 51 | HEARTLAND PHAROAH APOLLO ET     |       |            |  |
| 232    | 21397<br>93886927 | ZRCD210397 | 2021      | 5.71         |                   |     |     |      |       |     |     |                 | 193         | -0.2        | -0.18        | 0.1         | -0.12        | -0.1       | 5.8             | 103             | 52 | ALL LYNNS LOUIE VALENTINO-ET    | 19144 | 2019       |  |
| 233    | 23349<br>95517975 | ZRCD230349 | 2023      | 6.53         |                   |     |     |      |       |     |     |                 | 67          | -5.6        | -0.16        | 0.0         | -0.04        | -3.8       | 0.6             | 97              | 12 |                                 | 19176 | 2019       |  |
| 234    | 22268<br>93895506 | ZRCD220268 | 2022      | 4.23         |                   |     |     |      |       |     |     |                 | M-157       | M 0.2       | 0.15         | M-0.1       | 0.10         | M 10.3     | M-10.0          | M 96            | 27 | GLEN LEITH QUIGLEY S2J ET       | 20162 | 2020       |  |
| 235    | 21020<br>93890002 | ZRCD210020 | 2021      | 6.01         |                   |     |     |      |       |     |     |                 | 20          | 5.1         | 0.06         | -0.1        | -0.02        | -3.7       | -7.9            | 102             | 52 | STEINHAUERS SAMSON LEMONHEAD    |       |            |  |
| 236    | 20008<br>93881050 | ZRCD200008 | 2020      | 5.78         |                   |     |     |      |       |     |     |                 | -130        | 0.3         | 0.11         | -0.2        | 0.08         | 5.9        | -1.6            | 99              | 50 | ROMA MURMUR KINGPIN S3J ET      |       |            |  |
| 237    | 23110<br>94802139 | ZRCD230110 | 2023      | 6.53         |                   |     |     |      |       |     |     |                 | 31          | -8.6        | -0.18        | -0.3        | -0.03        | 15.2       | -2.1            | 97              | 13 |                                 | 21003 | 2021       |  |
| 238    | 22248<br>93888907 | ZRCD220248 | 2022      | 6.18         |                   |     |     |      |       |     |     |                 | -104        | -2.7        | 0.04         | -0.4        | 0.06         | 11.8       | -2.2            | 96              | 13 |                                 | 19347 | 2019       |  |
| 239    | 21064<br>93890788 | ZRCD210064 | 2021      | 6.01         |                   |     |     |      |       |     |     |                 | 71          | -11.2       | -0.25        | -0.4        | -0.05        | 21.6       | -3.3            | 99              | 51 | JX MOUNT ROCK VICEROY ALPHA {4} |       |            |  |
| 240    | 19316<br>93880482 | ZRCD190316 | 2019      | 5.71         |                   |     |     |      |       |     |     |                 | -10         | -2.9        | -0.05        | -0.4        | 0.00         | 25.0       | -2.2            | 95              | 53 | ROMA MURMUR KINGPIN S3J ET      |       |            |  |
| 241    | 22226<br>93888725 | ZRCD220226 | 2022      | 6.18         |                   |     |     |      |       |     |     |                 | -3          | -0.2        | -0.01        | -0.5        | -0.01        | 4.8        | 0.0             | 94              | 5  |                                 | 7025  | 2017       |  |
| 242    | 20040<br>93881290 | ZRCD200040 | 2020      | 5.78         |                   |     |     |      |       |     |     |                 | -14         | -2.5        | -0.04        | -0.6        | 0.00         | 5.9        | -3.3            | 96              | 50 | HEARTLAND PHAROAH APOLLO ET     |       |            |  |
| 243    | 19314<br>93894111 | ZRCD190314 | 2019      | 5.71         |                   |     |     |      |       |     |     |                 | 240         | -8.1        | -0.34        | -0.6        | -0.16        | 1.7        | -3.0            | 100             | 50 | HEARTLAND PHAROAH APOLLO ET     |       |            |  |
| 244    | 22316<br>93889814 | ZRCD220316 | 2022      | 6.70         |                   |     |     |      |       |     |     |                 | M -56       | M 5.3       | 0.14         | M -0.6      | 0.03         | M 18.7     | M -9.2          | M 98            | 27 | GLEN LEITH QUIGLEY S2J ET       | 20338 | 2020       |  |
| 245    | 22345<br>93890473 | ZRCD220345 | 2022      | 6.18         |                   |     |     |      |       |     |     |                 | 19          | -1.7        | -0.05        | -0.7        | -0.02        | 11.7       | 0.1             | 92              | 41 |                                 | 20310 | 2020       |  |
| 246    | 23066<br>94763646 | ZRCD230066 | 2023      | 6.53         |                   |     |     |      |       |     |     |                 | -31         | 2.0         | 0.05         | -0.7        | 0.01         | 5.1        | -0.4            | 96              | 12 |                                 | 19259 | 2019       |  |
| 247    | 22003<br>93887123 | ZRCD220003 | 2022      | 6.18         |                   |     |     |      |       |     |     |                 | 126         | -8.9        | -0.26        | -0.7        | -0.09        | 9.7        | -0.2            | 100             | 44 |                                 | 19279 | 2019       |  |
| 248    | 21067<br>93890804 | ZRCD210067 | 2021      | 6.01         |                   |     |     |      |       |     |     |                 | -49         | -4.6        | -0.04        | -0.8        | 0.02         | 6.7        | -6.9            | 102             | 51 | HEARTLAND PHAROAH APOLLO ET     |       |            |  |
| 249    | 19176<br>93895027 | ZRCD190176 | 2019      | 5.71         |                   |     |     |      |       |     |     |                 | 127         | -9.7        | -0.27        | -0.8        | -0.09        | -5.4       | -0.7            | 97              | 47 |                                 | 7282  | 2017       |  |
| 250    | 22081<br>93887693 | ZRCD220081 | 2022      | 6.18         |                   |     |     |      |       |     |     |                 | -8          | -2.6        | -0.05        | -0.9        | -0.01        | 2.7        | 0.5             | 101             | 1  |                                 | 19039 | 2019       |  |

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\*Inbreeding above 6.25% is high!

Top 25% of the herd  
Bottom 25% of the herd

Above breed average

Top 10% of the breed

Bottom 10% of the breed

M = MACE (International) breeding value

G = Genomically enhanced EBV

| Animal |                   |             |           |              | Selection Indices |     |     |      |       |     |     | Breeding Values |             |             |              |             |              |            |                 |                 |    | Pedigree                        |       |       |            |
|--------|-------------------|-------------|-----------|--------------|-------------------|-----|-----|------|-------|-----|-----|-----------------|-------------|-------------|--------------|-------------|--------------|------------|-----------------|-----------------|----|---------------------------------|-------|-------|------------|
|        | Farmnr<br>Regno   | Name        | B<br>Year | % In-<br>brd | SAI               | CYI | FMI | Body | Udder | F&L | BWC | EFI             | EBV<br>Milk | EBV<br>Bfat | EBV<br>Bfat% | EBV<br>Prot | EBV<br>Prot% | EBV<br>Som | EBV<br>Calf Int | EBV<br>Herdlife | B  | Sire                            |       | Dam   | Dam<br>BYr |
| 251    | 24321<br>97242564 | ZRCD240321* | 2024      | 6.74         |                   |     |     |      |       |     |     |                 | -8          | -2.6        | -0.05        | -0.9        | -0.01        | 2.7        | -0.5            | 96              | 1  |                                 |       | 22286 | 2022       |
| 252    | 22219<br>93888675 | ZRCD220219  | 2022      | 6.18         |                   |     |     |      |       |     |     |                 | -8          | -2.6        | -0.05        | -0.9        | -0.01        | 2.7        | -0.5            | 96              | 1  |                                 |       | 19103 | 2019       |
| 253    | 21043<br>93890192 | ZRCD210043  | 2021      | 6.01         |                   |     |     |      |       |     |     |                 | 86          | -6.9        | -0.19        | -0.9        | -0.07        | 5.0        | -8.4            | 102             | 52 | STEINHAUERS SAMSON LEMONHEAD    |       |       |            |
| 254    | 23355<br>95546032 | ZRCD230355  | 2023      | 6.53         |                   |     |     |      |       |     |     |                 | 54          | -1.6        | -0.08        | -0.9        | -0.05        | 3.0        | -3.6            | 96              | 13 |                                 |       | 20258 | 2020       |
| 255    | 23361<br>95546081 | ZRCD230361  | 2023      | 6.53         |                   |     |     |      |       |     |     |                 | -8          | -2.6        | -0.05        | -0.9        | -0.01        | 2.7        | -0.5            | 96              | 1  |                                 |       | 21226 | 2021       |
| 256    | 23354<br>95518023 | ZRCD230354  | 2023      | 6.53         |                   |     |     |      |       |     |     |                 | -57         | 0.1         | 0.04         | -1.1        | 0.02         | 6.9        | -2.6            | 88              | 6  |                                 |       | 21351 | 2021       |
| 257    | 22182<br>93888410 | ZRCD220182  | 2022      | 6.67         |                   |     |     |      |       |     |     |                 | -167        | 7.7         | 0.27         | -1.1        | 0.09         | 22.2       | -2.3            | 92              | 52 | GLEN LEITH QUIGLEY S2J ET       | 19113 | 2019  |            |
| 258    | 21403<br>93886968 | ZRCD210403  | 2021      | 6.01         |                   |     |     |      |       |     |     |                 | 57          | -9.5        | -0.21        | -1.1        | -0.06        | 5.3        | -3.9            | 100             | 44 |                                 |       | 19313 | 2019       |
| 259    | 20069<br>93881514 | ZRCD200069  | 2020      | 5.73         |                   |     |     |      |       |     |     |                 | 166         | -5.0        | -0.23        | -1.1        | -0.12        | 11.7       | 0.9             | 96              | 57 | ROMA MURMUR KINGPIN S3J ET      | 7438  | 2017  |            |
| 260    | 23151<br>94900115 | 23151       | 2023      | 6.53         |                   |     |     |      |       |     |     |                 | 41          | -7.2        | -0.16        | -1.2        | -0.05        | 5.6        | -2.0            | 101             | 14 |                                 |       | 8107  | 2018       |
| 261    | 24125<br>96588876 | ZRCD240125* | 2024      | 6.74         |                   |     |     |      |       |     |     |                 | -90         | -1.1        | 0.05         | -1.3        | 0.04         | -3.1       | -0.5            | 94              | 11 |                                 |       | 22114 | 2022       |
| 262    | 21003<br>93889475 | ZRCD210003  | 2021      | 6.01         |                   |     |     |      |       |     |     |                 | 54          | -15.6       | -0.31        | -1.4        | -0.06        | 32.6       | -6.1            | 97              | 51 | JX MOUNT ROCK VICEROY ALPHA {4} |       |       |            |
| 263    | 19347<br>93880755 | ZRCD190347  | 2019      | 5.71         |                   |     |     |      |       |     |     |                 | -215        | -3.8        | 0.12         | -1.4        | 0.12         | 25.8       | -6.3            | 97              | 53 | ROMA MURMUR KINGPIN S3J ET      |       |       |            |
| 264    | 22321<br>93889855 | ZRCD220321  | 2022      | 6.18         |                   |     |     |      |       |     |     |                 | -42         | -14.6       | -0.22        | -1.5        | 0.00         | 6.9        | -3.2            | 98              | 40 |                                 |       | 20115 | 2020       |
| 265    | 20188<br>93882660 | ZRCD200188  | 2020      | 5.78         |                   |     |     |      |       |     |     |                 | 47          | -15.2       | -0.30        | -1.5        | -0.05        | 11.1       | -5.9            | 104             | 51 | HEARTLAND PHAROAH APOLLO ET     |       |       |            |
| 266    | 21295<br>93886109 | ZRCD210295  | 2021      | 6.01         |                   |     |     |      |       |     |     |                 | 15          | -7.7        | -0.15        | -1.5        | -0.03        | 9.3        | -5.7            | 87              | 50 | AMBZED LT OMEGA ET S3J ET       |       |       |            |
| 267    | 22073<br>93887628 | ZRCD220073  | 2022      | 6.18         |                   |     |     |      |       |     |     |                 | -219        | 3.9         | 0.25         | -1.5        | 0.12         | -8.5       | -3.8            | 95              | 43 |                                 |       | 19020 | 2019       |
| 268    | 19264<br>93895829 | ZRCD190264  | 2019      | 5.71         |                   |     |     |      |       |     |     |                 | -113        | -2.0        | 0.06         | -1.6        | 0.05         | 4.2        | -2.0            | 91              | 46 |                                 |       | 3235  | 2013       |
| 269    | 22350<br>93895621 | ZRCD220350  | 2022      | 4.61         |                   |     |     |      |       |     |     |                 | 92          | -14.9       | -0.33        | -1.7        | -0.09        | M 20.0     | M -5.2          | M 96            | 34 | JX MOUNT ROCK VICEROY ALPHA {4} | 19299 | 2019  |            |
| 270    | 22197<br>93901577 | ZRCD220197  | 2022      | 6.18         |                   |     |     |      |       |     |     |                 | 268         | -5.8        | -0.32        | -1.7        | -0.19        | -11.3      | 4.5             | 86              | 43 |                                 |       | 7325  | 2017       |
| 271    | 16455<br>93875326 | ZRCD160455  | 2016      | 5.69         |                   |     |     |      |       |     |     |                 | -24         | -0.6        | 0.00         | -1.7        | -0.01        | 3.0        | -9.0            | 100             | 25 | STEINHAUERS SAMSON LEMONHEAD    |       |       |            |
| 272    | 23054<br>94763521 | ZRCD230054  | 2023      | 6.53         |                   |     |     |      |       |     |     |                 | 0           | -7.9        | -0.14        | -1.8        | -0.03        | 6.2        | -1.5            | 98              | 13 |                                 |       | 20067 | 2020       |
| 273    | 20089<br>93881647 | ZRCD200089  | 2020      | 5.78         |                   |     |     |      |       |     |     |                 | -65         | -2.6        | 0.01         | -1.8        | 0.01         | 24.9       | -3.9            | 92              | 51 | ROMA MURMUR KINGPIN S3J ET      |       |       |            |
| 274    | 22318<br>93895597 | ZRCD220318  | 2022      | 6.18         |                   |     |     |      |       |     |     |                 | -36         | -2.1        | -0.01        | -1.9        | -0.01        | 2.7        | -4.4            | 93              | 13 |                                 |       | 20349 | 2020       |
| 275    | 22261<br>93889020 | ZRCD220261  | 2022      | 6.18         |                   |     |     |      |       |     |     |                 | -62         | -3.1        | 0.00         | -1.9        | 0.01         | 5.6        | 0.8             | 92              | 35 |                                 |       | 15437 | 2015       |

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Above breed average

Top 10% of the breed

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M = MACE (International) breeding value

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| Animal |                   |            |           |              | Selection Indices |     |     |      |       |     |     | Breeding Values |             |             |              |             |              |            |                 |                 |    | Pedigree                        |       |            |  |
|--------|-------------------|------------|-----------|--------------|-------------------|-----|-----|------|-------|-----|-----|-----------------|-------------|-------------|--------------|-------------|--------------|------------|-----------------|-----------------|----|---------------------------------|-------|------------|--|
|        | Farmnr<br>Regno   | Name       | B<br>Year | % In-<br>brd | SAI               | CYI | FMI | Body | Udder | F&L | BWC | EFI             | EBV<br>Milk | EBV<br>Bfat | EBV<br>Bfat% | EBV<br>Prot | EBV<br>Prot% | EBV<br>Som | EBV<br>Calf Int | EBV<br>Herdlife | B  | Sire                            | Dam   | Dam<br>BYr |  |
| 276    | 20247<br>93882991 | ZRCD200247 | 2020      | 5.78         |                   |     |     |      |       |     |     |                 | -66         | 7.7         | 0.17         | -1.9        | 0.01         | 0.8        | -7.1            | 96              | 51 | HEARTLAND PHAROAH APOLLO ET     |       |            |  |
| 277    | 20086<br>93881621 | ZRCD200086 | 2020      | 5.78         |                   |     |     |      |       |     |     |                 | 356         | -15.2       | -0.54        | -2.0        | -0.25        | -4.5       | -6.2            | 105             | 51 | HEARTLAND PHAROAH APOLLO ET     |       |            |  |
| 278    | 22096<br>93887750 | ZRCD220096 | 2022      | 6.18         |                   |     |     |      |       |     |     |                 | -277        | 7.3         | 0.37         | -2.0        | 0.15         | 7.6        | -5.1            | 95              | 50 | PUKETAWA KING CARRICK JG ET     |       |            |  |
| 279    | 21019<br>93889996 | ZRCD210019 | 2021      | 5.73         |                   |     |     |      |       |     |     |                 | -41         | -8.7        | -0.11        | -2.1        | -0.01        | 4.5        | -4.7            | 102             | 52 | STEINHAUERS SAMSON LEMONHEAD    | 8130  | 2018       |  |
| 280    | 21292<br>93886075 | ZRCD210292 | 2021      | 5.09         |                   |     |     |      |       |     |     |                 | -181        | 2.6         | 0.19         | -2.2        | 0.08         | 11.3       | 1.9             | 103             | 54 | ALL LYNNS LOUIE VALENTINO-ET    | 19347 | 2019       |  |
| 281    | 19259<br>93885770 | ZRCD190259 | 2019      | 5.71         |                   |     |     |      |       |     |     |                 | -69         | 5.5         | 0.14         | -2.2        | 0.01         | 12.3       | -2.7            | 97              | 47 | ARRIET NN DEGREE -ET            |       |            |  |
| 282    | 19238<br>93885648 | ZRCD190238 | 2019      | 5.82         |                   |     |     |      |       |     |     |                 | -27         | -2.3        | -0.02        | -2.2        | -0.02        | 12.2       | 1.0             | 100             | 50 | ROMA MURMUR KINGPIN S3J ET      | 7296  | 2017       |  |
| 283    | 20412<br>93889459 | ZRCD200412 | 2020      | 5.78         |                   |     |     |      |       |     |     |                 | -141        | -2.2        | 0.08         | -2.3        | 0.05         | 13.2       | -0.8            | 107             | 51 | JX ABS TLD HEINZ {3} ET         |       |            |  |
| 284    | 20165<br>93882504 | ZRCD200165 | 2020      | 5.78         |                   |     |     |      |       |     |     |                 | -143        | -1.6        | 0.09         | -2.3        | 0.05         | 4.9        | -5.3            | 92              | 51 | ROMA MURMUR KINGPIN S3J ET      |       |            |  |
| 285    | 22223<br>93895472 | ZRCD220223 | 2022      | 4.54         |                   |     |     |      |       |     |     |                 | -119        | -0.9        | 0.08         | -2.3        | 0.04         | 17.0       | -0.5            | 77              | 27 | GLEN LEITH QUIGLEY S2J ET       | 20246 | 2020       |  |
| 286    | 19071<br>93884682 | ZRCD190071 | 2019      | 5.71         |                   |     |     |      |       |     |     |                 | 258         | -7.1        | -0.34        | -2.4        | -0.20        | 16.6       | -2.6            | 86              | 46 |                                 | 4709  | 2014       |  |
| 287    | 19287<br>93880334 | ZRCD190287 | 2019      | 5.71         |                   |     |     |      |       |     |     |                 | 180         | -8.4        | -0.30        | -2.5        | -0.15        | 10.0       | -8.6            | 100             | 53 | HEARTLAND PHAROAH APOLLO ET     |       |            |  |
| 288    | 19266<br>93894038 | ZRCD190266 | 2019      | 5.59         |                   |     |     |      |       |     |     |                 | 76          | -6.8        | -0.18        | -2.5        | -0.09        | 7.1        | 0.9             | 92              | 53 | ROMA MURMUR KINGPIN S3J ET      | 6191  | 2016       |  |
| 289    | 20152<br>93894335 | ZRCD200152 | 2020      | 5.73         |                   |     |     |      |       |     |     |                 | -55         | -4.0        | -0.03        | -2.6        | -0.01        | 24.1       | -0.8            | 105             | 51 | BROOKBORA VALENTINO ASKN ET     | 8169  | 2018       |  |
| 290    | 22326<br>93890283 | ZRCD220326 | 2022      | 5.78         |                   |     |     |      |       |     |     |                 | M-201       | M -1.0      | 0.17         | M -2.6      | 0.09         | M 15.9     | M -8.6          | M 97            | 15 | GLEN LEITH QUIGLEY S2J ET       | 20351 | 2020       |  |
| 291    | 22176<br>93888352 | ZRCD220176 | 2022      | 6.18         |                   |     |     |      |       |     |     |                 | -108        | -5.0        | 0.00         | -2.6        | 0.03         | 4.5        | -2.8            | 92              | 13 |                                 | 20156 | 2020       |  |
| 292    | 22206<br>93888592 | ZRCD220206 | 2022      | 6.70         |                   |     |     |      |       |     |     |                 | -162        | -5.6        | 0.04         | -2.6        | 0.06         | 22.0       | -3.1            | 91              | 52 | GLEN LEITH QUIGLEY S2J ET       | 20093 | 2020       |  |
| 293    | 22159<br>93888238 | ZRCD220159 | 2022      | 6.18         |                   |     |     |      |       |     |     |                 | 62          | -14.2       | -0.29        | -2.7        | -0.08        | 4.9        | -2.3            | 101             | 13 |                                 | 20049 | 2020       |  |
| 294    | 20237<br>93882942 | ZRCD200237 | 2020      | 5.78         |                   |     |     |      |       |     |     |                 | 62          | -11.1       | -0.24        | -2.7        | -0.08        | 10.4       | -4.3            | 99              | 51 | ROMA MURMUR KINGPIN S3J ET      |       |            |  |
| 295    | 22237<br>93888808 | ZRCD220237 | 2022      | 6.18         |                   |     |     |      |       |     |     |                 | 54          | -8.3        | -0.19        | -2.7        | -0.08        | 4.2        | -0.9            | 99              | 11 |                                 | 20137 | 2020       |  |
| 296    | 8357<br>93884104  | ZRCD180357 | 2018      | 5.73         |                   |     |     |      |       |     |     |                 | -4          | -7.3        | -0.12        | -2.9        | -0.05        | 24.7       | -1.0            | 75              | 52 | BLUE MIST GOLDA PAGEANT ET      |       |            |  |
| 297    | 19138<br>93884815 | ZRCD190138 | 2019      | 5.71         |                   |     |     |      |       |     |     |                 | -233        | 1.0         | 0.22         | -2.9        | 0.10         | 29.2       | -7.7            | 91              | 50 | ARRIET NN DEGREE -ET            |       |            |  |
| 298    | 8178<br>93883577  | ZRCD180178 | 2018      | 5.73         |                   |     |     |      |       |     |     |                 | -42         | -5.2        | -0.06        | -3.1        | -0.03        | 6.8        | -0.2            | 107             | 54 | CAL-MART MEDALIST PILGRIM ET    |       |            |  |
| 299    | 8107<br>93883262  | ZRCD180107 | 2018      | 5.73         |                   |     |     |      |       |     |     |                 | 75          | -12.8       | -0.28        | -3.1        | -0.10        | 13.4       | -5.8            | 107             | 54 | CAL-MART MEDALIST PILGRIM ET    |       |            |  |
| 300    | 22339<br>93890416 | ZRCD220339 | 2022      | 4.64         |                   |     |     |      |       |     |     |                 | -140        | -11.3       | -0.07        | -3.2        | 0.04         | 25.9       | -3.8            | 92              | 52 | JX MOUNT ROCK VICEROY ALPHA {4} | 20108 | 2020       |  |

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Bottom 10% of the breed

M = MACE (International) breeding value

G = Genomically enhanced EBV

| Animal |                   |             |           |              | Selection Indices |     |     |      |       |     |     | Breeding Values |             |             |              |             |              |            |                 |                 |    | Pedigree                        |       |            |  |
|--------|-------------------|-------------|-----------|--------------|-------------------|-----|-----|------|-------|-----|-----|-----------------|-------------|-------------|--------------|-------------|--------------|------------|-----------------|-----------------|----|---------------------------------|-------|------------|--|
|        | Farmnr<br>Regno   | Name        | B<br>Year | % In-<br>brd | SAI               | CYI | FMI | Body | Udder | F&L | BWC | EFI             | EBV<br>Milk | EBV<br>Bfat | EBV<br>Bfat% | EBV<br>Prot | EBV<br>Prot% | EBV<br>Som | EBV<br>Calf Int | EBV<br>Herdlife | B  | Sire                            | Dam   | Dam<br>BYr |  |
| 301    | 22114<br>93887875 | ZRCD220114  | 2022      | 6.18         |                   |     |     |      |       |     |     |                 | -189        | -0.7        | 0.15         | -3.2        | 0.07         | -4.0       | -2.9            | 93              | 44 |                                 | 20032 | 2020       |  |
| 302    | 19210<br>93885499 | ZRCD190210  | 2019      | 5.71         |                   |     |     |      |       |     |     |                 | -158        | -3.2        | 0.08         | -3.3        | 0.05         | 12.6       | -4.0            | 95              | 53 | ROMA MURMUR KINGPIN S3J ET      |       |            |  |
| 303    | 21025<br>93890044 | ZRCD210025  | 2021      | 6.01         |                   |     |     |      |       |     |     |                 | -74         | -1.0        | 0.04         | -3.3        | -0.01        | -0.9       | -11.2           | 102             | 52 | STEINHAUERS SAMSON LEMONHEAD    |       |            |  |
| 304    | 24406<br>97285068 | ZRCD240406* | 2024      | 6.74         |                   |     |     |      |       |     |     |                 | -86         | -9.4        | -0.09        | -3.3        | 0.00         | 5.7        | -2.8            | 97              | 9  |                                 | 22356 | 2022       |  |
| 305    | 21185<br>93891950 | ZRCD210185  | 2021      | 3.59         |                   |     |     |      |       |     |     |                 | -159        | 4.4         | 0.20         | -3.4        | 0.04         | -6.3       | 2.7             | 99              | 54 | ALL LYNNS LOUIE VALENTINO-ET    | 19153 | 2019       |  |
| 306    | 19278<br>93880268 | ZRCD190278  | 2019      | 5.71         |                   |     |     |      |       |     |     |                 | -12         | -16.0       | -0.26        | -3.5        | -0.05        | 6.0        | -5.6            | 105             | 52 | HEARTLAND PHAROAH APOLLO ET     |       |            |  |
| 307    | 8325<br>93884021  | ZRCD180325  | 2018      | 5.65         |                   |     |     |      |       |     |     |                 | -173        | -3.5        | 0.09         | -3.5        | 0.05         | 12.0       | -3.0            | 69              | 52 | BLUE MIST GOLDA PAGEANT ET      | 5005  | 2015       |  |
| 308    | 22097<br>93887768 | ZRCD220097  | 2022      | 6.18         |                   |     |     |      |       |     |     |                 | -219        | -9.6        | 0.03         | -3.5        | 0.09         | 13.3       | -1.2            | 90              | 42 |                                 | 4887  | 2014       |  |
| 309    | 19352<br>93894129 | ZRCD190352  | 2019      | 5.71         |                   |     |     |      |       |     |     |                 | 171         | -17.1       | -0.42        | -3.7        | -0.17        | 15.0       | -5.4            | 104             | 52 | ROMA MURMUR KINGPIN S3J ET      |       |            |  |
| 310    | 22359<br>93890606 | ZRCD220359  | 2022      | 4.61         |                   |     |     |      |       |     |     |                 | -95         | -13.4       | -0.15        | -3.7        | 0.00         | M 23.8     | M -4.9          | M 95            | 36 | JX MOUNT ROCK VICEROY ALPHA {4} | 19190 | 2019       |  |
| 311    | 20344<br>93882132 | ZRCD200344  | 2020      | 5.78         |                   |     |     |      |       |     |     |                 | -26         | -1.6        | -0.01        | -3.7        | -0.05        | 6.0        | -4.9            | 100             | 51 | ROMA MURMUR KINGPIN S3J ET      |       |            |  |
| 312    | 19340<br>93880698 | ZRCD190340  | 2019      | 5.71         |                   |     |     |      |       |     |     |                 | -125        | 8.7         | 0.25         | -3.7        | 0.02         | 4.6        | -3.2            | 93              | 51 | ROMA MURMUR KINGPIN S3J ET      |       |            |  |
| 313    | 21350<br>93886562 | ZRCD210350  | 2021      | 6.01         |                   |     |     |      |       |     |     |                 | -139        | -0.3        | 0.11         | -3.8        | 0.03         | 3.7        | -4.1            | 99              | 51 | PUKETAWA KING CARRICK JG ET     |       |            |  |
| 314    | 20361<br>93889152 | ZRCD200361  | 2020      | 5.78         |                   |     |     |      |       |     |     |                 | -149        | -4.7        | 0.04         | -4.0        | 0.03         | -2.6       | -10.6           | 104             | 52 | STEINHAUERS SAMSON LEMONHEAD    |       |            |  |
| 315    | 20370<br>93889228 | ZRCD200370  | 2020      | 5.78         |                   |     |     |      |       |     |     |                 | -107        | -16.6       | -0.19        | -4.0        | 0.00         | 9.3        | -6.4            | 98              | 54 | HEARTLAND PHAROAH APOLLO ET     |       |            |  |
| 316    | 21298<br>93886125 | ZRCD210298  | 2021      | 6.01         |                   |     |     |      |       |     |     |                 | -255        | 1.3         | 0.25         | -4.1        | 0.10         | 24.5       | -6.6            | 100             | 51 | PUKETAWA KING CARRICK JG ET     |       |            |  |
| 317    | 8309<br>93894988  | ZRCD180309  | 2018      | 5.73         |                   |     |     |      |       |     |     |                 | -1          | -7.0        | -0.12        | -4.1        | -0.07        | 14.1       | -0.3            | 75              | 52 | BLUE MIST GOLDA PAGEANT ET      |       |            |  |
| 318    | 22267<br>93889061 | ZRCD220267  | 2022      | 6.18         |                   |     |     |      |       |     |     |                 | M-216       | M -2.1      | 0.17         | M -4.2      | 0.07         | M 20.7     | M-10.9          | M 97            | 14 | GLEN LEITH QUIGLEY S2J ET       |       |            |  |
| 319    | 22125<br>93887974 | ZRCD220125  | 2022      | 6.18         |                   |     |     |      |       |     |     |                 | 54          | -10.6       | -0.23        | -4.3        | -0.11        | 6.0        | -1.8            | 93              | 43 |                                 | 20091 | 2020       |  |
| 320    | 20067<br>93881498 | ZRCD200067  | 2020      | 5.73         |                   |     |     |      |       |     |     |                 | -8          | -14.4       | -0.23        | -4.3        | -0.07        | 14.6       | -4.8            | 100             | 52 | ROMA MURMUR KINGPIN S3J ET      | 8008  | 2018       |  |
| 321    | 21373<br>93886745 | ZRCD210373  | 2021      | 6.01         |                   |     |     |      |       |     |     |                 | -171        | 5.8         | 0.25         | -4.4        | 0.04         | 15.1       | -4.6            | 92              | 51 | PUKETAWA KING CARRICK JG ET     |       |            |  |
| 322    | 19195<br>93885416 | ZRCD190195  | 2019      | 5.71         |                   |     |     |      |       |     |     |                 | -282        | 3.7         | 0.31         | -4.4        | 0.11         | 17.8       | 5.7             | 87              | 17 | ARRIET NN DEGREE -ET            |       |            |  |
| 323    | 19307<br>93880441 | ZRCD190307  | 2019      | 5.71         |                   |     |     |      |       |     |     |                 | 145         | -5.2        | -0.22        | -4.5        | -0.17        | 13.3       | -5.5            | 105             | 49 | BUSHLEA RV CASUAL ET            |       |            |  |
| 324    | 8359<br>93884112  | ZRCD180359  | 2018      | 5.73         |                   |     |     |      |       |     |     |                 | -81         | -8.1        | -0.07        | -4.5        | -0.02        | 13.3       | -0.9            | 94              | 47 |                                 | 5097  | 2015       |  |
| 325    | 20349<br>93894293 | ZRCD200349  | 2020      | 5.78         |                   |     |     |      |       |     |     |                 | -80         | -2.7        | 0.02         | -4.6        | -0.02        | 7.6        | -4.0            | 91              | 51 | ROMA MURMUR KINGPIN S3J ET      |       |            |  |

# Selection List

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\*Inbreeding above 6.25% is high!

Top 25% of the herd  
Bottom 25% of the herd

Above breed average

Top 10% of the breed

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M = MACE (International) breeding value

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| Animal |                   |            |           |              | Selection Indices |     |     |      |       |     |     | Breeding Values |             |             |              |             |              |            |                 |                 |    | Pedigree                        |       |            |  |
|--------|-------------------|------------|-----------|--------------|-------------------|-----|-----|------|-------|-----|-----|-----------------|-------------|-------------|--------------|-------------|--------------|------------|-----------------|-----------------|----|---------------------------------|-------|------------|--|
|        | Farmnr<br>Regno   | Name       | B<br>Year | % In-<br>brd | SAI               | CYI | FMI | Body | Udder | F&L | BWC | EFI             | EBV<br>Milk | EBV<br>Bfat | EBV<br>Bfat% | EBV<br>Prot | EBV<br>Prot% | EBV<br>Som | EBV<br>Calf Int | EBV<br>Herdlife | B  | Sire                            | Dam   | Dam<br>BYr |  |
| 326    | 21032<br>93890093 | ZRCD210032 | 2021      | 6.01         |                   |     |     |      |       |     |     |                 | 111         | -18.4       | -0.40        | -4.7        | -0.15        | 23.8       | -4.9            | 97              | 51 | JX MOUNT ROCK VICEROY ALPHA {4} |       |            |  |
| 327    | 22051<br>93887479 | ZRCD220051 | 2022      | 6.18         |                   |     |     |      |       |     |     |                 | -25         | -6.7        | -0.10        | -4.7        | -0.06        | -4.8       | -0.5            | 95              | 42 |                                 | 19016 | 2019       |  |
| 328    | 7057<br>93893659  | ZRCD170057 | 2017      | 5.82         |                   |     |     |      |       |     |     |                 | -94         | -7.4        | -0.05        | -4.7        | -0.02        | 5.7        | -1.0            | 91              | 1  |                                 | 4818  | 2014       |  |
| 329    | 8310<br>93883981  | ZRCD180310 | 2018      | 5.73         |                   |     |     |      |       |     |     |                 | -54         | -3.0        | -0.01        | -4.8        | -0.05        | 12.5       | -4.3            | 99              | 48 | AHLEM BADGER BODACIOUS 4 ET     |       |            |  |
| 330    | 22133<br>93888022 | ZRCD220133 | 2022      | 5.71         |                   |     |     |      |       |     |     |                 | -65         | -14.9       | -0.20        | -4.9        | -0.04        | 17.6       | -2.9            | 95              | 50 | JX MOUNT ROCK VICEROY ALPHA {4} | 19149 | 2019       |  |
| 331    | 22172<br>93901734 | ZRCD220172 | 2022      | 6.18         |                   |     |     |      |       |     |     |                 | -152        | -7.4        | 0.00         | -4.9        | 0.02         | 1.0        | -2.7            | 95              | 46 |                                 | 20229 | 2020       |  |
| 332    | 21413<br>93887016 | ZRCD210413 | 2021      | 6.01         |                   |     |     |      |       |     |     |                 | 31          | -6.6        | -0.15        | -4.9        | -0.10        | -2.0       | 0.8             | 97              | 52 | ALL LYNNS LOUIE VALENTINO-ET    |       |            |  |
| 333    | 21299<br>93886133 | ZRCD210299 | 2021      | 6.01         |                   |     |     |      |       |     |     |                 | -113        | -6.6        | -0.02        | -5.0        | -0.01        | -3.5       | -0.3            | 97              | 43 |                                 | 19181 | 2019       |  |
| 334    | 21263<br>93885887 | ZRCD210263 | 2021      | 6.01         |                   |     |     |      |       |     |     |                 | -136        | -3.5        | 0.05         | -5.0        | 0.00         | 6.8        | 2.5             | 102             | 51 | ALL LYNNS LOUIE VALENTINO-ET    |       |            |  |
| 335    | 20068<br>93881506 | ZRCD200068 | 2020      | 5.78         |                   |     |     |      |       |     |     |                 | -217        | -13.5       | -0.04        | -5.1        | 0.06         | 4.9        | -9.1            | 105             | 51 | HEARTLAND PHAROAH APOLLO ET     |       |            |  |
| 336    | 19275<br>93880243 | ZRCD190275 | 2019      | 5.71         |                   |     |     |      |       |     |     |                 | -108        | -14.8       | -0.16        | -5.1        | -0.02        | 17.1       | -7.5            | 99              | 51 | HEARTLAND PHAROAH APOLLO ET     |       |            |  |
| 337    | 22259<br>93889004 | ZRCD220259 | 2022      | 5.95         |                   |     |     |      |       |     |     |                 | -106        | -14.7       | -0.16        | -5.1        | -0.02        | 24.8       | -2.1            | 86              | 52 | JX MOUNT ROCK VICEROY ALPHA {4} | 20303 | 2020       |  |
| 338    | 22142<br>93888097 | ZRCD220142 | 2022      | 6.18         |                   |     |     |      |       |     |     |                 | -348        | 8.5         | 0.46         | -5.2        | 0.14         | -0.1       | -1.7            | 96              | 42 |                                 | 7442  | 2017       |  |
| 339    | 21419<br>93896108 | ZRCD210419 | 2021      | 6.01         |                   |     |     |      |       |     |     |                 | -159        | -2.0        | 0.10         | -5.2        | 0.02         | 6.2        | -4.4            | 99              | 51 | PUKETAWA KING CARRICK JG ET     |       |            |  |
| 340    | 20002<br>93881019 | ZRCD200002 | 2020      | 5.01         |                   |     |     |      |       |     |     |                 | -20         | -11.4       | -0.18        | -5.2        | -0.07        | 15.0       | -4.8            | 100             | 53 | ROMA MURMUR KINGPIN S3J ET      | 7441  | 2017       |  |
| 341    | 20333<br>93882082 | ZRCD200333 | 2020      | 5.78         |                   |     |     |      |       |     |     |                 | -354        | -1.3        | 0.30         | -5.3        | 0.15         | 13.7       | -2.5            | 78              | 51 | BROADLIN AUSSIEGOLD P ET        |       |            |  |
| 342    | 20135<br>93882330 | ZRCD200135 | 2020      | 5.78         |                   |     |     |      |       |     |     |                 | 22          | -14.0       | -0.26        | -5.3        | -0.10        | 6.1        | -6.0            | 105             | 51 | HEARTLAND PHAROAH APOLLO ET     |       |            |  |
| 343    | 20062<br>93881456 | ZRCD200062 | 2020      | 5.78         |                   |     |     |      |       |     |     |                 | -59         | -14.4       | -0.20        | -5.4        | -0.05        | 7.6        | -10.1           | 106             | 50 | HEARTLAND PHAROAH APOLLO ET     |       |            |  |
| 344    | 23360<br>95546073 | ZRCD230360 | 2023      | 6.53         |                   |     |     |      |       |     |     |                 | -110        | -12.4       | -0.12        | -5.6        | -0.02        | -0.9       | -3.8            | 97              | 13 |                                 | 21084 | 2021       |  |
| 345    | 22131<br>93888006 | ZRCD220131 | 2022      | 6.18         |                   |     |     |      |       |     |     |                 | -182        | -6.4        | 0.05         | -5.6        | 0.02         | -0.2       | -2.8            | 98              | 44 |                                 | 20087 | 2020       |  |
| 346    | 21126<br>93891620 | ZRCD210126 | 2021      | 6.01         |                   |     |     |      |       |     |     |                 | -140        | -7.3        | -0.01        | -5.6        | 0.00         | 17.3       | -3.7            | 91              | 46 | JX ABS CHAPMAN {4} ET           |       |            |  |
| 347    | 20384<br>93889277 | ZRCD200384 | 2020      | 5.78         |                   |     |     |      |       |     |     |                 | -346        | -5.6        | 0.21         | -5.7        | 0.14         | 8.9        | -10.2           | 105             | 51 | HEARTLAND PHAROAH APOLLO ET     |       |            |  |
| 348    | 22372<br>93891117 | ZRCD220372 | 2022      | 7.18         |                   |     |     |      |       |     |     |                 | -181        | -14.1       | -0.09        | -5.8        | 0.02         | 20.2       | -4.5            | 94              | 53 | JX MOUNT ROCK VICEROY ALPHA {4} | 20221 | 2020       |  |
| 349    | 20033<br>93881241 | ZRCD200033 | 2020      | 5.78         |                   |     |     |      |       |     |     |                 | -147        | -10.5       | -0.05        | -5.8        | 0.00         | 13.5       | -6.9            | 100             | 52 | ROMA MURMUR KINGPIN S3J ET      |       |            |  |
| 350    | 19356<br>93880813 | ZRCD190356 | 2019      | 5.71         |                   |     |     |      |       |     |     |                 | 218         | -6.6        | -0.30        | -5.9        | -0.23        | 9.5        | -6.4            | 103             | 45 |                                 | 7410  | 2017       |  |

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Above breed average

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| Animal |                   |            |           |              | Selection Indices |     |     |      |       |     |     | Breeding Values |             |             |              |             |              |            |                 |                 |    | Pedigree                        |                                 |            |      |
|--------|-------------------|------------|-----------|--------------|-------------------|-----|-----|------|-------|-----|-----|-----------------|-------------|-------------|--------------|-------------|--------------|------------|-----------------|-----------------|----|---------------------------------|---------------------------------|------------|------|
|        | Farmnr<br>Regno   | Name       | B<br>Year | % In-<br>brd | SAI               | CYI | FMI | Body | Udder | F&L | BWC | EFI             | EBV<br>Milk | EBV<br>Bfat | EBV<br>Bfat% | EBV<br>Prot | EBV<br>Prot% | EBV<br>Som | EBV<br>Calf Int | EBV<br>Herdlife | B  | Sire                            | Dam                             | Dam<br>BYr |      |
| 351    | 20156<br>93882462 | ZRCD200156 | 2020      | 5.78         |                   |     |     |      |       |     |     |                 | -224        | -8.6        | 0.05         | -5.9        | 0.05         | 11.2       | -4.5            | 91              | 51 | ROMA MURMUR KINGPIN S3J ET      |                                 |            |      |
| 352    | 22085<br>93901569 | ZRCD220085 | 2022      | 6.18         |                   |     |     |      |       |     |     |                 | 21          | -12.2       | -0.23        | -6.0        | -0.11        | 10.4       | -1.8            | 96              | 42 |                                 | 8242                            | 2018       |      |
| 353    | 20049<br>93881373 | ZRCD200049 | 2020      | 5.78         |                   |     |     |      |       |     |     |                 | 116         | -26.9       | -0.54        | -6.1        | -0.17        | 11.9       | -6.4            | 105             | 51 | HEARTLAND PHAROAH APOLLO ET     |                                 |            |      |
| 354    | 20410<br>93889434 | ZRCD200410 | 2020      | 5.82         |                   |     |     |      |       |     |     |                 | 77          | -9.3        | -0.23        | -6.2        | -0.15        | 0.4        | -4.5            | 104             | 51 | HEARTLAND PHAROAH APOLLO ET     | 7277                            | 2017       |      |
| 355    | 15437<br>93874139 | ZRCD150437 | 2015      | 5.65         |                   |     |     |      |       |     |     |                 | -192        | -6.0        | 0.06         | -6.2        | 0.02         | 13.4       | -2.1            | 91              | 13 | MAACK DAIRY SPECTACULAR-ET      |                                 |            |      |
| 356    | 22120<br>93887925 | ZRCD220120 | 2022      | 6.18         |                   |     |     |      |       |     |     |                 | -224        | -3.7        | 0.13         | -6.2        | 0.04         | 5.8        | -2.0            | 94              | 44 |                                 | 19338                           | 2019       |      |
| 357    | 22328<br>93890309 | ZRCD220328 | 2022      | 6.94         |                   |     |     |      |       |     |     |                 | -117        | -15.2       | -0.16        | -6.2        | -0.03        | M 15.7     | M -8.5          | M               | 98 | 30                              | JX MOUNT ROCK VICEROY ALPHA {4} | 16455      | 2016 |
| 358    | 22304<br>93889681 | ZRCD220304 | 2022      | 4.64         |                   |     |     |      |       |     |     |                 | -137        | -16.2       | -0.16        | -6.2        | -0.02        | M 26.7     | M -6.1          | M               | 94 | 36                              | JX MOUNT ROCK VICEROY ALPHA {4} | 20089      | 2020 |
| 359    | 22199<br>93888535 | ZRCD220199 | 2022      | 6.18         |                   |     |     |      |       |     |     |                 | -267        | -5.6        | 0.14         | -6.3        | 0.07         | -1.3       | -2.7            | 98              | 13 |                                 | 20096                           | 2020       |      |
| 360    | 8305<br>93883973  | ZRCD180305 | 2018      | 5.73         |                   |     |     |      |       |     |     |                 | -187        | -5.4        | 0.07         | -6.4        | 0.01         | 12.6       | -4.5            | 92              | 22 | FARIA BROTHERS DRAPER ET        |                                 |            |      |
| 361    | 20341<br>93894277 | ZRCD200341 | 2020      | 5.73         |                   |     |     |      |       |     |     |                 | -145        | -4.3        | 0.05         | -6.4        | -0.01        | -5.0       | -9.5            | 104             | 52 | STEINHAUERS SAMSON LEMONHEAD    | 8128                            | 2018       |      |
| 362    | 20204<br>93882751 | ZRCD200204 | 2020      | 5.78         |                   |     |     |      |       |     |     |                 | 14          | -18.1       | -0.32        | -6.5        | -0.12        | 39.4       | -4.9            | 99              | 51 | ROMA MURMUR KINGPIN S3J ET      |                                 |            |      |
| 363    | 19333<br>93880631 | ZRCD190333 | 2019      | 5.71         |                   |     |     |      |       |     |     |                 | -103        | -16.7       | -0.19        | -6.5        | -0.04        | 15.5       | -3.0            | 102             | 51 | ROMA MURMUR KINGPIN S3J ET      |                                 |            |      |
| 364    | 21144<br>93891737 | ZRCD210144 | 2021      | 6.01         |                   |     |     |      |       |     |     |                 | -166        | -4.5        | 0.06         | -6.6        | 0.00         | 18.1       | -3.8            | 92              | 46 | JX ABS CHAPMAN {4} ET           |                                 |            |      |
| 365    | 19243<br>93885663 | ZRCD190243 | 2019      | 5.65         |                   |     |     |      |       |     |     |                 | -376        | 0.4         | 0.35         | -6.8        | 0.14         | 23.3       | -6.1            | 94              | 50 | ARRIET NN DEGREE -ET            | 5097                            | 2015       |      |
| 366    | 21251<br>93892388 | ZRCD210251 | 2021      | 6.01         |                   |     |     |      |       |     |     |                 | -265        | -3.5        | 0.17         | -7.0        | 0.05         | 6.7        | -1.2            | 105             | 52 | ALL LYNNS LOUIE VALENTINO-ET    |                                 |            |      |
| 367    | 23148<br>94900081 | ZRCD230148 | 2023      | 6.53         |                   |     |     |      |       |     |     |                 | -145        | -10.7       | -0.06        | -7.1        | -0.02        | 10.8       | -4.2            | 98              | 13 |                                 | 21096                           | 2021       |      |
| 368    | 20187<br>93882652 | ZRCD200187 | 2020      | 5.78         |                   |     |     |      |       |     |     |                 | -94         | -2.0        | 0.04         | -7.1        | -0.06        | -0.5       | -10.4           | 97              | 52 | STEINHAUERS SAMSON LEMONHEAD    |                                 |            |      |
| 369    | 7438<br>93879815  | ZRCD170438 | 2017      | 5.82         |                   |     |     |      |       |     |     |                 | -136        | -8.4        | -0.03        | -7.2        | -0.03        | 12.0       | -0.1            | 93              | 49 |                                 | 5058                            | 2015       |      |
| 370    | 21009<br>93889905 | ZRCD210009 | 2021      | 5.71         |                   |     |     |      |       |     |     |                 | -76         | -13.5       | -0.16        | -7.2        | -0.07        | 15.7       | -2.4            | 99              | 51 | JX MOUNT ROCK VICEROY ALPHA {4} | 19017                           | 2019       |      |
| 371    | 20060<br>93881449 | ZRCD200060 | 2020      | 5.78         |                   |     |     |      |       |     |     |                 | -181        | -19.8       | -0.18        | -7.2        | 0.00         | 15.0       | -8.2            | 98              | 51 | HEARTLAND PHAROAH APOLLO ET     |                                 |            |      |
| 372    | 20098<br>93881720 | ZRCD200098 | 2020      | 5.78         |                   |     |     |      |       |     |     |                 | -357        | -3.9        | 0.26         | -7.2        | 0.12         | 12.7       | -6.0            | 101             | 51 | PUKETAWA KING CARRICK JG ET     |                                 |            |      |
| 373    | 22356<br>93890572 | ZRCD220356 | 2022      | 6.98         |                   |     |     |      |       |     |     |                 | -179        | -17.2       | -0.14        | -7.3        | -0.01        | 13.5       | -7.5            | 99              | 36 | JX MOUNT ROCK VICEROY ALPHA {4} | 20361                           | 2020       |      |
| 374    | 19281<br>93880292 | ZRCD190281 | 2019      | 5.71         |                   |     |     |      |       |     |     |                 | -77         | -3.0        | 0.01         | -7.5        | -0.08        | 10.2       | -6.2            | 101             | 51 | BUSHLEA RV CASUAL ET            |                                 |            |      |
| 375    | 8344<br>93901494  | ZRCD180344 | 2018      | 5.73         |                   |     |     |      |       |     |     |                 | -121        | -10.7       | -0.08        | -7.7        | -0.05        | 5.5        | -2.7            | 89              | 46 |                                 | 4099                            | 2014       |      |

# Selection List

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\*Inbreeding above 6.25% is high!

Top 25% of the herd  
Bottom 25% of the herd

Above breed average

Top 10% of the breed

Bottom 10% of the breed

M = MACE (International) breeding value

G = Genomically enhanced EBV

| Animal |                   |             |           |              | Selection Indices |     |     |      |       |     |     | Breeding Values |             |             |              |             |              |            |                 |                 |    | Pedigree                        |       |            |  |
|--------|-------------------|-------------|-----------|--------------|-------------------|-----|-----|------|-------|-----|-----|-----------------|-------------|-------------|--------------|-------------|--------------|------------|-----------------|-----------------|----|---------------------------------|-------|------------|--|
|        | Farmnr<br>Regno   | Name        | B<br>Year | % In-<br>brd | SAI               | CYI | FMI | Body | Udder | F&L | BWC | EFI             | EBV<br>Milk | EBV<br>Bfat | EBV<br>Bfat% | EBV<br>Prot | EBV<br>Prot% | EBV<br>Som | EBV<br>Calf Int | EBV<br>Herdlife | B  | Sire                            | Dam   | Dam<br>BYr |  |
| 376    | 20075<br>93881555 | ZRCD200075  | 2020      | 5.78         |                   |     |     |      |       |     |     |                 | -182        | -10.6       | -0.02        | -7.7        | -0.01        | -1.9       | -1.7            | 102             | 41 |                                 | 7033  | 2017       |  |
| 377    | 21033<br>93890101 | ZRCD210033  | 2021      | 6.01         |                   |     |     |      |       |     |     |                 | -308        | -7.3        | 0.15         | -7.7        | 0.07         | -4.2       | -12.7           | 103             | 52 | STEINHAUERS SAMSON LEMONHEAD    |       |            |  |
| 378    | 21041<br>93890176 | ZRCD210041  | 2021      | 6.01         |                   |     |     |      |       |     |     |                 | -421        | -9.1        | 0.22         | -7.7        | 0.15         | 28.8       | -6.9            | 98              | 51 | JX MOUNT ROCK VICEROY ALPHA {4} |       |            |  |
| 379    | 24141<br>96629886 | ZRCD240141* | 2024      | 6.74         |                   |     |     |      |       |     |     |                 | -120        | -11.3       | -0.09        | -7.7        | -0.05        | -2.3       | -0.4            | 96              | 11 |                                 | 22006 | 2022       |  |
| 380    | 20250<br>93883015 | ZRCD200250  | 2020      | 5.78         |                   |     |     |      |       |     |     |                 | -183        | -2.6        | 0.11         | -7.8        | -0.01        | 13.1       | -6.0            | 107             | 49 | BROOKBORA VALENTINO ASKN ET     |       |            |  |
| 381    | 21248<br>93892354 | ZRCD210248  | 2021      | 6.01         |                   |     |     |      |       |     |     |                 | -299        | -0.2        | 0.26         | -7.8        | 0.06         | -8.6       | 0.9             | 104             | 52 | ALL LYNNS LOUIE VALENTINO-ET    |       |            |  |
| 382    | 21018<br>93889988 | ZRCD210018  | 2021      | 5.49         |                   |     |     |      |       |     |     |                 | -151        | -23.5       | -0.27        | -7.9        | -0.03        | 20.5       | -2.6            | 85              | 51 | JX MOUNT ROCK VICEROY ALPHA {4} | 4031  | 2014       |  |
| 383    | 21038<br>93890143 | ZRCD210038  | 2021      | 5.71         |                   |     |     |      |       |     |     |                 | -85         | -15.7       | -0.20        | -8.0        | -0.08        | 6.4        | -1.0            | 99              | 51 | JX MOUNT ROCK VICEROY ALPHA {4} | 19018 | 2019       |  |
| 384    | 20153<br>93882421 | ZRCD200153  | 2020      | 5.78         |                   |     |     |      |       |     |     |                 | -211        | -14.2       | -0.06        | -8.0        | 0.00         | 9.5        | -11.2           | 104             | 51 | HEARTLAND PHAROAH APOLLO ET     |       |            |  |
| 385    | 22202<br>93888550 | ZRCD220202  | 2022      | 6.18         |                   |     |     |      |       |     |     |                 | -131        | -17.8       | -0.19        | -8.2        | -0.05        | 23.3       | -5.9            | 95              | 23 | JX MOUNT ROCK VICEROY ALPHA {4} |       |            |  |
| 386    | 22192<br>93888477 | ZRCD220192  | 2022      | 6.18         |                   |     |     |      |       |     |     |                 | -131        | -17.8       | -0.19        | -8.2        | -0.05        | M 22.8     | M -7.9          | M 96            | 23 | JX MOUNT ROCK VICEROY ALPHA {4} |       |            |  |
| 387    | 23111<br>94802147 | ZRCD230111  | 2023      | 6.53         |                   |     |     |      |       |     |     |                 | -131        | -17.8       | -0.19        | -8.2        | -0.05        | M 22.8     | M -7.9          | M 96            | 23 | JX MOUNT ROCK VICEROY ALPHA {4} |       |            |  |
| 388    | 23137<br>94835329 | ZRCD230137  | 2023      | 6.53         |                   |     |     |      |       |     |     |                 | -131        | -17.8       | -0.19        | -8.2        | -0.05        | M 22.8     | M -7.9          | M 96            | 23 | JX MOUNT ROCK VICEROY ALPHA {4} |       |            |  |
| 389    | 23092<br>94801958 | ZRCD230092  | 2023      | 6.53         |                   |     |     |      |       |     |     |                 | -131        | -17.8       | -0.19        | -8.2        | -0.05        | M 22.8     | M -7.9          | M 96            | 23 | JX MOUNT ROCK VICEROY ALPHA {4} |       |            |  |
| 390    | 23085<br>94801875 | ZRCD230085  | 2023      | 6.53         |                   |     |     |      |       |     |     |                 | -131        | -17.8       | -0.19        | -8.2        | -0.05        | M 22.8     | M -7.9          | M 96            | 23 | JX MOUNT ROCK VICEROY ALPHA {4} |       |            |  |
| 391    | 22209<br>93888626 | ZRCD220209  | 2022      | 6.18         |                   |     |     |      |       |     |     |                 | -131        | -17.8       | -0.19        | -8.2        | -0.05        | M 22.8     | M -7.9          | M 96            | 23 | JX MOUNT ROCK VICEROY ALPHA {4} |       |            |  |
| 392    | 22391<br>93891273 | ZRCD220391  | 2022      | 6.18         |                   |     |     |      |       |     |     |                 | -131        | -17.8       | -0.19        | -8.2        | -0.05        | M 22.8     | M -7.9          | M 96            | 23 | JX MOUNT ROCK VICEROY ALPHA {4} |       |            |  |
| 393    | 22307<br>93889715 | ZRCD220307  | 2022      | 6.18         |                   |     |     |      |       |     |     |                 | -131        | -17.8       | -0.19        | -8.2        | -0.05        | M 22.8     | M -7.9          | M 96            | 23 | JX MOUNT ROCK VICEROY ALPHA {4} |       |            |  |
| 394    | 22201<br>93895415 | ZRCD220201  | 2022      | 6.18         |                   |     |     |      |       |     |     |                 | -131        | -17.8       | -0.19        | -8.2        | -0.05        | M 22.8     | M -7.9          | M 96            | 23 | JX MOUNT ROCK VICEROY ALPHA {4} |       |            |  |
| 395    | 20160<br>93882470 | ZRCD200160  | 2020      | 5.73         |                   |     |     |      |       |     |     |                 | -187        | -11.6       | -0.04        | -8.3        | -0.02        | 13.8       | -8.8            | 97              | 52 | STEINHAUERS SAMSON LEMONHEAD    | 8024  | 2018       |  |
| 396    | 22289<br>93889574 | ZRCD220289  | 2022      | 6.18         |                   |     |     |      |       |     |     |                 | -447        | -2.8        | 0.36         | -8.3        | 0.16         | 13.4       | -7.0            | 89              | 47 | GLEN LEITH QUIGLEY S2J ET       |       |            |  |
| 397    | 21109<br>93891505 | ZRCD210109  | 2021      | 6.01         |                   |     |     |      |       |     |     |                 | -81         | -25.5       | -0.36        | -8.3        | -0.09        | 24.2       | -6.8            | 92              | 51 | JX MOUNT ROCK VICEROY ALPHA {4} |       |            |  |
| 398    | 21416<br>93887040 | ZRCD210416  | 2021      | 6.01         |                   |     |     |      |       |     |     |                 | -266        | -6.8        | 0.12         | -8.4        | 0.03         | 21.6       | -4.5            | 92              | 51 | PUKETAWA KING CARRICK JG ET     |       |            |  |
| 399    | 22089<br>93887719 | ZRCD220089  | 2022      | 6.18         |                   |     |     |      |       |     |     |                 | -275        | -4.5        | 0.16         | -8.4        | 0.04         | 12.6       | -2.9            | 96              | 43 |                                 | 19009 | 2019       |  |
| 400    | 20203<br>93882744 | ZRCD200203  | 2020      | 5.78         |                   |     |     |      |       |     |     |                 | -171        | -20.7       | -0.20        | -8.5        | -0.03        | 11.7       | -7.3            | 104             | 51 | HEARTLAND PHAROAH APOLLO ET     |       |            |  |

# Selection List

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Top 25% of the herd  
Bottom 25% of the herd

Above breed average

Top 10% of the breed

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M = MACE (International) breeding value

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| Animal |                   |            |           |              | Selection Indices |     |     |      |       |     |     | Breeding Values |             |             |              |             |              |            |                 |                 |    | Pedigree                        |  |       |            |
|--------|-------------------|------------|-----------|--------------|-------------------|-----|-----|------|-------|-----|-----|-----------------|-------------|-------------|--------------|-------------|--------------|------------|-----------------|-----------------|----|---------------------------------|--|-------|------------|
|        | Farmnr<br>Regno   | Name       | B<br>Year | % In-<br>brd | SAI               | CYI | FMI | Body | Udder | F&L | BWC | EFI             | EBV<br>Milk | EBV<br>Bfat | EBV<br>Bfat% | EBV<br>Prot | EBV<br>Prot% | EBV<br>Som | EBV<br>Calf Int | EBV<br>Herdlife | B  | Sire                            |  | Dam   | Dam<br>BYr |
| 401    | 19125<br>93885085 | ZRCD190125 | 2019      | 5.71         |                   |     |     |      |       |     |     |                 | -402        | -2.6        | 0.32         | -8.5        | 0.13         | 19.3       | -8.7            | 105             | 48 | ARRIET NN DEGREE -ET            |  |       |            |
| 402    | 23149<br>94900099 | ZRCD230149 | 2023      | 6.53         |                   |     |     |      |       |     |     |                 | -255        | -13.7       | -0.01        | -8.6        | 0.02         | 5.1        | -5.5            | 96              | 13 |                                 |  | 20189 | 2020       |
| 403    | 22027<br>93896140 | ZRCD220027 | 2022      | 5.71         |                   |     |     |      |       |     |     |                 | -284        | -8.4        | 0.11         | -8.7        | 0.04         | 9.0        | -5.5            | 92              | 44 | MERRIFIELDS SHOWMAN ET          |  | 19036 | 2019       |
| 404    | 20302<br>93881886 | ZRCD200302 | 2020      | 5.78         |                   |     |     |      |       |     |     |                 | -215        | -11.0       | 0.00         | -8.8        | -0.01        | 16.2       | -5.1            | 107             | 49 | BROOKBORA VALENTINO ASKN ET     |  |       |            |
| 405    | 21270<br>93885937 | ZRCD210270 | 2021      | 5.65         |                   |     |     |      |       |     |     |                 | -408        | -3.2        | 0.32         | -8.9        | 0.12         | 2.2        | -5.3            | 96              | 52 | PUKETAWA KING CARRICK JG ET     |  | 5027  | 2015       |
| 406    | 19222<br>93885549 | ZRCD190222 | 2019      | 5.71         |                   |     |     |      |       |     |     |                 | -51         | -9.5        | -0.12        | -8.9        | -0.12        | 4.1        | -6.2            | 97              | 48 | BUSHLEA RV CASUAL ET            |  |       |            |
| 407    | 20328<br>93895084 | ZRCD200328 | 2020      | 5.73         |                   |     |     |      |       |     |     |                 | -135        | -17.0       | -0.17        | -8.9        | -0.06        | 11.1       | -5.9            | 92              | 52 | ROMA MURMUR KINGPIN S3J ET      |  | 8238  | 2018       |
| 408    | 20059<br>93881431 | ZRCD200059 | 2020      | 5.78         |                   |     |     |      |       |     |     |                 | -231        | -8.3        | 0.06         | -9.0        | 0.00         | 8.4        | -7.3            | 105             | 51 | HEARTLAND PHAROAH APOLLO ET     |  |       |            |
| 409    | 21134<br>93891661 | ZRCD210134 | 2021      | 6.01         |                   |     |     |      |       |     |     |                 | -289        | -4.4        | 0.18         | -9.0        | 0.04         | 6.0        | -5.1            | 93              | 46 | JX ABS CHAPMAN {4} ET           |  |       |            |
| 410    | 23067<br>94763653 | ZRCD230067 | 2023      | 5.61         |                   |     |     |      |       |     |     |                 | -165        | -20.3       | -0.20        | -9.1        | -0.05        | M 16.9     | M -5.5          | M 93            | 32 | JX MOUNT ROCK VICEROY ALPHA {4} |  | 8344  | 2018       |
| 411    | 22310<br>93889749 | ZRCD220310 | 2022      | 6.18         |                   |     |     |      |       |     |     |                 | -161        | -18.5       | -0.18        | -9.1        | -0.05        | 23.3       | -5.9            | 95              | 46 | JX MOUNT ROCK VICEROY ALPHA {4} |  |       |            |
| 412    | 20179<br>93894384 | ZRCD200179 | 2020      | 5.78         |                   |     |     |      |       |     |     |                 | -279        | -2.7        | 0.20         | -9.2        | 0.03         | 5.6        | -9.8            | 96              | 52 | STEINHAUERS SAMSON LEMONHEAD    |  |       |            |
| 413    | 20043<br>93881324 | ZRCD200043 | 2020      | 5.78         |                   |     |     |      |       |     |     |                 | -147        | -13.7       | -0.11        | -9.2        | -0.06        | -3.7       | -7.8            | 102             | 54 | HEARTLAND PHAROAH APOLLO ET     |  |       |            |
| 414    | 22414<br>93905016 | ZRCD220414 | 2022      | 5.38         |                   |     |     |      |       |     |     |                 | -265        | -14.3       | -0.01        | -9.3        | 0.02         | 6.3        | -5.4            | 105             | 27 | CAL-MART MEDALIST PILGRIM ET    |  | 2004  | 2012       |
| 415    | 20071<br>93881522 | ZRCD200071 | 2020      | 5.78         |                   |     |     |      |       |     |     |                 | -409        | -4.5        | 0.29         | -9.4        | 0.11         | 9.2        | -8.2            | 105             | 51 | HEARTLAND PHAROAH APOLLO ET     |  |       |            |
| 416    | 19280<br>93880284 | ZRCD190280 | 2019      | 5.71         |                   |     |     |      |       |     |     |                 | -146        | -11.2       | -0.07        | -9.4        | -0.06        | 3.7        | -7.0            | 107             | 51 | HEARTLAND PHAROAH APOLLO ET     |  |       |            |
| 417    | 19126<br>93885093 | ZRCD190126 | 2019      | 5.71         |                   |     |     |      |       |     |     |                 | -443        | -3.4        | 0.35         | -9.5        | 0.14         | 10.6       | -5.2            | 92              | 53 | ROMA MURMUR KINGPIN S3J ET      |  |       |            |
| 418    | 22164<br>93888279 | ZRCD220164 | 2022      | 6.98         |                   |     |     |      |       |     |     |                 | -97         | -21.6       | -0.28        | -9.5        | -0.10        | M 20.8     | M -8.7          | M 93            | 36 | JX MOUNT ROCK VICEROY ALPHA {4} |  | 20249 | 2020       |
| 419    | 22020<br>93887271 | ZRCD220020 | 2022      | 6.18         |                   |     |     |      |       |     |     |                 | -193        | -6.8        | 0.05         | -9.5        | -0.03        | 8.3        | -4.2            | 96              | 50 | PUKETAWA KING CARRICK JG ET     |  |       |            |
| 420    | 20197<br>93882710 | ZRCD200197 | 2020      | 5.78         |                   |     |     |      |       |     |     |                 | -125        | -13.2       | -0.11        | -9.8        | -0.08        | 20.3       | -3.1            | 91              | 51 | ROMA MURMUR KINGPIN S3J ET      |  |       |            |
| 421    | 21215<br>93892131 | ZRCD210215 | 2021      | 6.01         |                   |     |     |      |       |     |     |                 | -227        | -6.4        | 0.08         | -9.8        | -0.02        | -4.6       | 0.5             | 104             | 52 | ALL LYNNS LOUIE VALENTINO-ET    |  |       |            |
| 422    | 19320<br>93880516 | ZRCD190320 | 2019      | 5.71         |                   |     |     |      |       |     |     |                 | -271        | -14.4       | -0.01        | -9.8        | 0.01         | 30.6       | -4.6            | 100             | 52 | ROMA MURMUR KINGPIN S3J ET      |  |       |            |
| 423    | 22048<br>93901544 | ZRCD220048 | 2022      | 5.73         |                   |     |     |      |       |     |     |                 | -432        | -5.8        | 0.30         | -10.2       | 0.12         | 18.1       | -5.2            | 97              | 50 | PUKETAWA KING CARRICK JG ET     |  | 8272  | 2018       |
| 424    | 21404<br>93886976 | ZRCD210404 | 2021      | 6.01         |                   |     |     |      |       |     |     |                 | 16          | -23.9       | -0.41        | -10.3       | -0.18        | 33.6       | -6.1            | 96              | 51 | JX MOUNT ROCK VICEROY ALPHA {4} |  |       |            |
| 425    | 22072<br>93887610 | ZRCD220072 | 2022      | 6.18         |                   |     |     |      |       |     |     |                 | -320        | -4.2        | 0.22         | -10.3       | 0.04         | 19.1       | -6.4            | 96              | 50 | PUKETAWA KING CARRICK JG ET     |  |       |            |

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Bottom 25% of the herd

Above breed average

Top 10% of the breed

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M = MACE (International) breeding value

G = Genomically enhanced EBV

| Animal |                   |            |           |              | Selection Indices |     |     |      |       |     |     | Breeding Values |             |             |              |             |              |            |                 |                 |    | Pedigree                        |       |       |            |
|--------|-------------------|------------|-----------|--------------|-------------------|-----|-----|------|-------|-----|-----|-----------------|-------------|-------------|--------------|-------------|--------------|------------|-----------------|-----------------|----|---------------------------------|-------|-------|------------|
|        | Farmnr<br>Regno   | Name       | B<br>Year | % In-<br>brd | SAI               | CYI | FMI | Body | Udder | F&L | BWC | EFI             | EBV<br>Milk | EBV<br>Bfat | EBV<br>Bfat% | EBV<br>Prot | EBV<br>Prot% | EBV<br>Som | EBV<br>Calf Int | EBV<br>Herdlife | B  | Sire                            |       | Dam   | Dam<br>BYr |
| 426    | 21398<br>93896033 | ZRCD210398 | 2021      | 5.73         |                   |     |     |      |       |     |     |                 | -206        | -16.1       | -0.10        | -10.3       | -0.04        | 21.1       | -5.3            | 98              | 51 | JX MOUNT ROCK VICEROY ALPHA {4} |       | 8112  | 2018       |
| 427    | 21308<br>93886190 | ZRCD210308 | 2021      | 6.01         |                   |     |     |      |       |     |     |                 | -333        | -2.2        | 0.26         | -10.4       | 0.05         | 11.8       | -6.0            | 93              | 51 | PUKETAWA KING CARRICK JG ET     |       |       |            |
| 428    | 20138<br>93882363 | ZRCD200138 | 2020      | 5.78         |                   |     |     |      |       |     |     |                 | -358        | -8.7        | 0.17         | -10.7       | 0.06         | 5.3        | -8.6            | 97              | 53 | HEARTLAND PHAROAH APOLLO ET     |       |       |            |
| 429    | 20030<br>93881225 | ZRCD200030 | 2020      | 5.78         |                   |     |     |      |       |     |     |                 | -441        | 0.0         | 0.41         | -10.8       | 0.11         | 11.7       | -6.1            | 100             | 51 | PUKETAWA KING CARRICK JG ET     |       |       |            |
| 430    | 22331<br>93890333 | ZRCD220331 | 2022      | 6.18         |                   |     |     |      |       |     |     |                 | -419        | -7.6        | 0.25         | -10.8       | 0.10         | 25.4       | -6.5            | 90              | 47 | GLEN LEITH QUIGLEY S2J ET       |       |       |            |
| 431    | 20173<br>93882553 | ZRCD200173 | 2020      | 5.78         |                   |     |     |      |       |     |     |                 | -340        | -3.3        | 0.25         | -11.1       | 0.04         | -1.4       | -10.2           | 104             | 52 | STEINHAUERS SAMSON LEMONHEAD    |       |       |            |
| 432    | 21410<br>93887008 | ZRCD210410 | 2021      | 6.01         |                   |     |     |      |       |     |     |                 | -367        | -18.4       | 0.01         | -11.2       | 0.05         | -9.5       | -6.1            | 93              | 45 |                                 | 19294 | 2019  |            |
| 433    | 19376<br>93880961 | ZRCD190376 | 2019      | 5.71         |                   |     |     |      |       |     |     |                 | -224        | -15.2       | -0.06        | -11.5       | -0.05        | 19.1       | -4.8            | 92              | 50 | ROMA MURMUR KINGPIN S3J ET      |       |       |            |
| 434    | 22112<br>93887867 | ZRCD220112 | 2022      | 6.18         |                   |     |     |      |       |     |     |                 | -173        | -10.8       | -0.03        | -11.6       | -0.08        | 10.5       | -4.6            | 95              | 43 |                                 | 19156 | 2019  |            |
| 435    | 19150<br>93885176 | ZRCD190150 | 2019      | 5.71         |                   |     |     |      |       |     |     |                 | -413        | -7.3        | 0.25         | -11.7       | 0.08         | 10.9       | -8.2            | 91              | 50 | ARRIET NN DEGREE -ET            |       |       |            |
| 436    | 21068<br>93890812 | ZRCD210068 | 2021      | 6.01         |                   |     |     |      |       |     |     |                 | -329        | -15.9       | 0.02         | -11.8       | 0.02         | 22.4       | -6.3            | 97              | 51 | JX MOUNT ROCK VICEROY ALPHA {4} |       |       |            |
| 437    | 20268<br>93883098 | ZRCD200268 | 2020      | 5.78         |                   |     |     |      |       |     |     |                 | -380        | -9.8        | 0.18         | -12.5       | 0.04         | 7.2        | -6.2            | 100             | 51 | ROMA MURMUR KINGPIN S3J ET      |       |       |            |
| 438    | 22362<br>93890622 | ZRCD220362 | 2022      | 7.18         |                   |     |     |      |       |     |     |                 | -323        | -20.8       | -0.07        | -12.6       | 0.00         | 22.8       | -5.5            | 99              | 35 | JX MOUNT ROCK VICEROY ALPHA {4} |       | 20260 | 2020       |
| 439    | 22306<br>93889707 | ZRCD220306 | 2022      | 4.27         |                   |     |     |      |       |     |     |                 | -366        | -21.0       | -0.03        | -12.8       | 0.03 M       | 24.3 M     | -8.1 M          | 89              | 36 | JX MOUNT ROCK VICEROY ALPHA {4} |       | 20066 | 2020       |
| 440    | 21055<br>93890705 | ZRCD210055 | 2021      | 6.01         |                   |     |     |      |       |     |     |                 | -282        | -18.7       | -0.07        | -12.9       | -0.03        | 30.0       | -6.6            | 99              | 51 | JX MOUNT ROCK VICEROY ALPHA {4} |       |       |            |
| 441    | 19276<br>93880250 | ZRCD190276 | 2019      | 5.71         |                   |     |     |      |       |     |     |                 | -260        | -21.0       | -0.13        | -13.0       | -0.05        | 12.1       | -8.3            | 105             | 52 | HEARTLAND PHAROAH APOLLO ET     |       |       |            |
| 442    | 20120<br>93894319 | ZRCD200120 | 2020      | 5.78         |                   |     |     |      |       |     |     |                 | -228        | -12.6       | -0.02        | -13.1       | -0.07        | 13.1       | -8.4            | 97              | 51 | HEARTLAND PHAROAH APOLLO ET     |       |       |            |
| 443    | 20063<br>93881464 | ZRCD200063 | 2020      | 5.78         |                   |     |     |      |       |     |     |                 | -267        | -25.8       | -0.21        | -13.2       | -0.05        | 2.7        | -5.9            | 90              | 43 |                                 | 4725  | 2014  |            |
| 444    | 19158<br>93885218 | ZRCD190158 | 2019      | 5.71         |                   |     |     |      |       |     |     |                 | -388        | -9.3        | 0.19         | -13.2       | 0.03         | 15.3       | -8.0            | 91              | 50 | ARRIET NN DEGREE -ET            |       |       |            |
| 445    | 20096<br>93881704 | ZRCD200096 | 2020      | 5.65         |                   |     |     |      |       |     |     |                 | -542        | -9.7        | 0.34         | -13.3       | 0.14         | -0.5       | -7.3            | 99              | 51 | HEARTLAND PHAROAH APOLLO ET     |       | 5149  | 2015       |
| 446    | 8361<br>93884120  | ZRCD180361 | 2018      | 5.73         |                   |     |     |      |       |     |     |                 | -136        | -14.5       | -0.13        | -13.4       | -0.14        | 4.4        | 0.4             | 99              | 48 | AHLEM BADGER BODACIOUS 4 ET     |       |       |            |
| 447    | 19153<br>93885184 | ZRCD190153 | 2019      | 5.49         |                   |     |     |      |       |     |     |                 | -489        | -1.7        | 0.43         | -13.4       | 0.10         | 5.7        | -6.1            | 88              | 51 | ARRIET NN DEGREE -ET            |       | 4452  | 2014       |
| 448    | 20215<br>93882801 | ZRCD200215 | 2020      | 5.78         |                   |     |     |      |       |     |     |                 | -532        | -14.2       | 0.24         | -14.1       | 0.12         | -3.4       | -10.5           | 104             | 51 | HEARTLAND PHAROAH APOLLO ET     |       |       |            |
| 449    | 20260<br>93883049 | ZRCD200260 | 2020      | 5.78         |                   |     |     |      |       |     |     |                 | -437        | -11.8       | 0.19         | -14.6       | 0.04         | 16.1       | -8.2            | 108             | 48 | BROOKBORA VALENTINO ASKN ET     |       |       |            |
| 450    | 21026<br>93890051 | ZRCD210026 | 2021      | 6.01         |                   |     |     |      |       |     |     |                 | -437        | -22.5       | 0.00         | -14.6       | 0.04         | 24.8       | -8.7            | 98              | 51 | JX MOUNT ROCK VICEROY ALPHA {4} |       |       |            |

# Selection List

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Commercial animals are sorted on EBV for protein

\*Inbreeding above 6.25% is high!

Top 25% of the herd  
Bottom 25% of the herd

Above breed average

Top 10% of the breed

Bottom 10% of the breed

M = MACE (International) breeding value

G = Genomically enhanced EBV

| Animal |                   |            |           |              | Selection Indices |     |     |      |       |     |     | Breeding Values |             |             |              |             |              |            |                 |                 |    | Pedigree                        |       |            |  |
|--------|-------------------|------------|-----------|--------------|-------------------|-----|-----|------|-------|-----|-----|-----------------|-------------|-------------|--------------|-------------|--------------|------------|-----------------|-----------------|----|---------------------------------|-------|------------|--|
|        | Farmnr<br>Regno   | Name       | B<br>Year | % In-<br>brd | SAI               | CYI | FMI | Body | Udder | F&L | BWC | EFI             | EBV<br>Milk | EBV<br>Bfat | EBV<br>Bfat% | EBV<br>Prot | EBV<br>Prot% | EBV<br>Som | EBV<br>Calf Int | EBV<br>Herdlife | B  | Sire                            | Dam   | Dam<br>BYr |  |
| 451    | 22358<br>93890598 | ZRCD220358 | 2022      | 4.61         |                   |     |     |      |       |     |     |                 | -422        | -25.4       | -0.06        | -14.7       | 0.03         | 33.6       | -4.1            | 94              | 51 | JX MOUNT ROCK VICEROY ALPHA {4} | 19123 | 2019       |  |
| 452    | 21096<br>93891000 | ZRCD210096 | 2021      | 6.01         |                   |     |     |      |       |     |     |                 | -299        | -20.0       | -0.08        | -14.8       | -0.06        | 23.8       | -10.2           | 100             | 51 | ROMA MURMUR KINGPIN S3J ET      |       |            |  |
| 453    | 21181<br>93895159 | ZRCD210181 | 2021      | 5.14         |                   |     |     |      |       |     |     |                 | -316        | -19.0       | -0.05        | -14.8       | -0.04        | -0.8       | 2.0             | 102             | 54 | ALL LYNNS LOUIE VALENTINO-ET    | 19180 | 2019       |  |
| 454    | 20103<br>93881761 | ZRCD200103 | 2020      | 5.78         |                   |     |     |      |       |     |     |                 | -191        | -25.3       | -0.27        | -15.1       | -0.13        | 8.0        | -10.1           | 98              | 51 | HEARTLAND PHAROAH APOLLO ET     |       |            |  |
| 455    | 20373<br>93895548 | ZRCD200373 | 2020      | 5.78         |                   |     |     |      |       |     |     |                 | -758        | -14.8       | 0.47         | -15.2       | 0.27         | 14.5       | -11.4           | 97              | 54 | HEARTLAND PHAROAH APOLLO ET     |       |            |  |
| 456    | 22090<br>93887727 | ZRCD220090 | 2022      | 6.18         |                   |     |     |      |       |     |     |                 | -322        | -24.4       | -0.14        | -15.3       | -0.05        | 29.0       | -6.3            | 95              | 51 | JX MOUNT ROCK VICEROY ALPHA {4} |       |            |  |
| 457    | 21042<br>93890184 | ZRCD210042 | 2021      | 6.01         |                   |     |     |      |       |     |     |                 | -409        | -24.3       | -0.04        | -15.4       | 0.01         | 22.1       | -2.2            | 97              | 51 | ROMA MURMUR KINGPIN S3J ET      |       |            |  |
| 458    | 22129<br>93887982 | ZRCD220129 | 2022      | 6.18         |                   |     |     |      |       |     |     |                 | -430        | -23.6       | -0.02        | -16.0       | 0.01         | -3.3       | -5.5            | 98              | 44 |                                 | 19337 | 2019       |  |
| 459    | 7441<br>93879823  | ZRCD170441 | 2017      | 5.65         |                   |     |     |      |       |     |     |                 | -315        | -26.8       | -0.18        | -16.1       | -0.07        | 7.9        | -11.8           | 99              | 31 | HEARTLAND PHAROAH APOLLO ET     | 5152  | 2015       |  |
| 460    | 22006<br>93887149 | ZRCD220006 | 2022      | 6.18         |                   |     |     |      |       |     |     |                 | -248        | -21.0       | -0.14        | -16.1       | -0.11        | -2.4       | -2.6            | 97              | 43 |                                 | 19302 | 2019       |  |
| 461    | 21118<br>93891562 | ZRCD210118 | 2021      | 6.01         |                   |     |     |      |       |     |     |                 | -371        | -18.6       | 0.01         | -16.3       | -0.03        | 23.0       | -7.1            | 100             | 51 | JX MOUNT ROCK VICEROY ALPHA {4} |       |            |  |
| 462    | 22177<br>93888360 | ZRCD220177 | 2022      | 5.71         |                   |     |     |      |       |     |     |                 | -674        | -11.8       | 0.44         | -16.4       | 0.18         | 13.0       | -4.3            | 88              | 43 | GLEN LEITH QUIGLEY S2J ET       | 19217 | 2019       |  |
| 463    | 22363<br>93890630 | ZRCD220363 | 2022      | 4.23         |                   |     |     |      |       |     |     |                 | -711        | -11.2       | 0.49         | -16.8       | 0.20         | 11.9       | -6.6            | 89              | 49 | GLEN LEITH QUIGLEY S2J ET       | 20138 | 2020       |  |
| 464    | 19334<br>93880649 | ZRCD190334 | 2019      | 5.71         |                   |     |     |      |       |     |     |                 | -395        | -20.7       | 0.00         | -16.8       | -0.03        | 6.9        | -7.7            | 106             | 50 | BUSHLEA RV CASUAL ET            |       |            |  |
| 465    | 22043<br>93887446 | ZRCD220043 | 2022      | 6.18         |                   |     |     |      |       |     |     |                 | -378        | -27.7       | -0.14        | -17.5       | -0.05        | 21.2       | -7.8            | 96              | 51 | JX MOUNT ROCK VICEROY ALPHA {4} |       |            |  |
| 466    | 22146<br>93888121 | ZRCD220146 | 2022      | 6.18         |                   |     |     |      |       |     |     |                 | -492        | -14.2       | 0.20         | -17.6       | 0.03         | 3.8        | -6.3            | 99              | 43 |                                 | 19318 | 2019       |  |
| 467    | 21012<br>93889921 | ZRCD210012 | 2021      | 5.73         |                   |     |     |      |       |     |     |                 | -564        | -25.3       | 0.08         | -17.6       | 0.08         | 29.6       | -7.1            | 98              | 51 | JX MOUNT ROCK VICEROY ALPHA {4} | 8119  | 2018       |  |
| 468    | 20185<br>93894392 | ZRCD200185 | 2020      | 5.73         |                   |     |     |      |       |     |     |                 | -591        | -27.0       | 0.07         | -17.7       | 0.10         | 8.9        | -11.0           | 97              | 52 | STEINHAUERS SAMSON LEMONHEAD    | 8180  | 2018       |  |
| 469    | 20125<br>93882272 | ZRCD200125 | 2020      | 5.78         |                   |     |     |      |       |     |     |                 | -608        | -20.3       | 0.21         | -18.0       | 0.10         | 15.3       | -12.3           | 106             | 51 | HEARTLAND PHAROAH APOLLO ET     |       |            |  |
| 470    | 22377<br>93891166 | ZRCD220377 | 2022      | 6.18         |                   |     |     |      |       |     |     |                 | -648        | -22.4       | 0.21         | -18.3       | 0.13         | 28.0       | -8.4            | 95              | 51 | JX MOUNT ROCK VICEROY ALPHA {4} |       |            |  |
| 471    | 8323<br>93884013  | ZRCD180323 | 2018      | 5.73         |                   |     |     |      |       |     |     |                 | -534        | -18.9       | 0.16         | -18.5       | 0.04         | 18.9       | -4.7            | 75              | 52 | BLUE MIST GOLDA PAGEANT ET      |       |            |  |
| 472    | 20368<br>93895589 | ZRCD200368 | 2020      | 5.73         |                   |     |     |      |       |     |     |                 | -342        | -27.1       | -0.16        | -18.6       | -0.09        | 29.8       | -4.1            | 104             | 52 | HEARTLAND PHAROAH APOLLO ET     | 8218  | 2018       |  |
| 473    | 20394<br>93889350 | ZRCD200394 | 2020      | 5.65         |                   |     |     |      |       |     |     |                 | -478        | -30.8       | -0.10        | -19.2       | -0.01        | 2.4        | -10.1           | 100             | 52 | HEARTLAND PHAROAH APOLLO ET     | 5027  | 2015       |  |
| 474    | 22180<br>93888394 | ZRCD220180 | 2022      | 6.18         |                   |     |     |      |       |     |     |                 | -520        | -27.0       | 0.00         | -19.3       | 0.02         | 23.3       | -5.9            | 95              | 45 | JX MOUNT ROCK VICEROY ALPHA {4} |       |            |  |
| 475    | 19279<br>93880276 | ZRCD190279 | 2019      | 5.71         |                   |     |     |      |       |     |     |                 | -386        | -27.6       | -0.13        | -19.5       | -0.08        | 14.5       | -6.6            | 105             | 52 | HEARTLAND PHAROAH APOLLO ET     |       |            |  |

# Selection List

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\*Inbreeding above 6.25% is high!

Top 25% of the herd  
Bottom 25% of the herd

Above breed average

Top 10% of the breed

Bottom 10% of the breed

M = MACE (International) breeding value

G = Genomically enhanced EBV

| Animal |                   |            |           |              | Selection Indices |     |     |      |       |     |     | Breeding Values |             |             |              |             |              |            |                 |                 |    | Pedigree                        |       |            |
|--------|-------------------|------------|-----------|--------------|-------------------|-----|-----|------|-------|-----|-----|-----------------|-------------|-------------|--------------|-------------|--------------|------------|-----------------|-----------------|----|---------------------------------|-------|------------|
|        | Farmnr<br>Regno   | Name       | B<br>Year | % In-<br>brd | SAI               | CYI | FMI | Body | Udder | F&L | BWC | EFI             | EBV<br>Milk | EBV<br>Bfat | EBV<br>Bfat% | EBV<br>Prot | EBV<br>Prot% | EBV<br>Som | EBV<br>Calf Int | EBV<br>Herdlife | B  | Sire                            | Dam   | Dam<br>BYr |
| 476    | 22314<br>93889780 | ZRCD220314 | 2022      | 4.10         |                   |     |     |      |       |     |     |                 | M-777       | M-18.5      | 0.45         | M-19.8      | 0.20         | M 15.6     | M-13.4          | M 88            | 26 | GLEN LEITH QUIGLEY S2J ET       | 20284 | 2020       |
| 477    | 22282<br>93889517 | ZRCD220282 | 2022      | 6.18         |                   |     |     |      |       |     |     |                 | -549        | -27.7       | 0.02         | -20.1       | 0.02         | 23.3       | -7.4            | 94              | 45 | JX MOUNT ROCK VICEROY ALPHA {4} |       |            |
| 478    | 21037<br>93895100 | ZRCD210037 | 2021      | 5.71         |                   |     |     |      |       |     |     |                 | -510        | -25.5       | 0.02         | -20.3       | -0.01        | 22.5       | -8.0            | 98              | 52 | JX MOUNT ROCK VICEROY ALPHA {4} | 19009 | 2019       |
| 479    | 19300<br>93880417 | ZRCD190300 | 2019      | 5.71         |                   |     |     |      |       |     |     |                 | -582        | -37.4       | -0.12        | -23.4       | -0.01        | 9.3        | -11.8           | 106             | 52 | HEARTLAND PHAROAH APOLLO ET     |       |            |
| 480    | 19337<br>93880664 | ZRCD190337 | 2019      | 5.65         |                   |     |     |      |       |     |     |                 | -525        | -38.2       | -0.19        | -23.4       | -0.06        | 3.8        | -9.2            | 101             | 52 | HEARTLAND PHAROAH APOLLO ET     | 5152  | 2015       |
| 481    | 21022<br>93890028 | ZRCD210022 | 2021      | 6.01         |                   |     |     |      |       |     |     |                 | -580        | -33.6       | -0.06        | -24.2       | -0.03        | 25.7       | -10.0           | 93              | 51 | JX MOUNT ROCK VICEROY ALPHA {4} |       |            |
| 482    | 21383<br>93886810 | ZRCD210383 | 2021      | 6.01         |                   |     |     |      |       |     |     |                 | -842        | -24.0       | 0.39         | -24.6       | 0.16         | 0.5        | -8.4            | 86              | 43 |                                 | 7065  | 2017       |
| 483    | 21348<br>93886547 | ZRCD210348 | 2021      | 6.01         |                   |     |     |      |       |     |     |                 | -803        | -16.7       | 0.48         | -24.9       | 0.12         | 3.0        | -1.7            | 93              | 51 | ALL LYNNS LOUIE VALENTINO-ET    |       |            |
| 484    | 20084<br>93881613 | ZRCD200084 | 2020      | 5.78         |                   |     |     |      |       |     |     |                 | -628        | -46.2       | -0.24        | -25.0       | -0.01        | 12.1       | -10.9           | 98              | 51 | HEARTLAND PHAROAH APOLLO ET     |       |            |
| 485    | 20389<br>93889319 | ZRCD200389 | 2020      | 5.78         |                   |     |     |      |       |     |     |                 | -690        | -30.2       | 0.11         | -25.4       | 0.03         | 10.9       | -15.5           | 106             | 51 | HEARTLAND PHAROAH APOLLO ET     |       |            |
| 486    | 20105<br>93881787 | ZRCD200105 | 2020      | 5.78         |                   |     |     |      |       |     |     |                 | -730        | -35.4       | 0.05         | -25.6       | 0.05         | 4.4        | -12.5           | 98              | 51 | HEARTLAND PHAROAH APOLLO ET     |       |            |
| 487    | 20058<br>93881423 | ZRCD200058 | 2020      | 5.78         |                   |     |     |      |       |     |     |                 | -786        | -27.7       | 0.26         | -25.7       | 0.09         | 5.1        | -11.2           | 80              | 45 | HEARTLAND PHAROAH APOLLO ET     |       |            |
| 488    | 20116<br>93882207 | ZRCD200116 | 2020      | 5.78         |                   |     |     |      |       |     |     |                 | -603        | -32.9       | -0.02        | -26.0       | -0.04        | 0.8        | -12.1           | 106             | 51 | HEARTLAND PHAROAH APOLLO ET     |       |            |
| 489    | 20355<br>93885812 | ZRCD200355 | 2020      | 5.78         |                   |     |     |      |       |     |     |                 | -662        | -27.8       | 0.13         | -26.0       | 0.00         | 25.2       | -8.9            | 103             | 51 | ROMA MURMUR KINGPIN S3J ET      |       |            |
| 490    | 20026<br>93881183 | ZRCD200026 | 2020      | 5.78         |                   |     |     |      |       |     |     |                 | -585        | -35.1       | -0.08        | -26.0       | -0.06        | 4.0        | -11.5           | 99              | 51 | HEARTLAND PHAROAH APOLLO ET     |       |            |
| 491    | 21112<br>93891539 | ZRCD210112 | 2021      | 6.01         |                   |     |     |      |       |     |     |                 | -794        | -24.8       | 0.32         | -26.6       | 0.08         | 0.6        | -12.0           | 106             | 51 | HEARTLAND PHAROAH APOLLO ET     |       |            |
| 492    | 19305<br>93880433 | ZRCD190305 | 2019      | 5.71         |                   |     |     |      |       |     |     |                 | -574        | -33.1       | -0.06        | -28.4       | -0.11        | 16.5       | -11.4           | 109             | 48 | BUSHLEA RV CASUAL ET            |       |            |
| 493    | 20210<br>93894426 | ZRCD200210 | 2020      | 5.78         |                   |     |     |      |       |     |     |                 | -764        | -38.9       | 0.02         | -28.6       | 0.02         | 4.2        | -14.0           | 107             | 51 | HEARTLAND PHAROAH APOLLO ET     |       |            |
| 494    | 21105<br>93891075 | ZRCD210105 | 2021      | 6.01         |                   |     |     |      |       |     |     |                 | -941        | -38.0       | 0.22         | -30.5       | 0.12         | 4.0        | -14.0           | 100             | 51 | HEARTLAND PHAROAH APOLLO ET     |       |            |
| 495    | 20077<br>93881571 | ZRCD200077 | 2020      | 5.78         |                   |     |     |      |       |     |     |                 | -726        | -50.5       | -0.23        | -33.7       | -0.10        | 2.7        | -13.0           | 106             | 52 | HEARTLAND PHAROAH APOLLO ET     |       |            |
| 496    | 21221<br>93894160 | ZRCD210221 | 2021      | 5.38         |                   |     |     |      |       |     |     |                 | -1066       | -27.6       | 0.57         | -34.1       | 0.15         | 10.0       | -3.8            | 104             | 52 | ALL LYNNS LOUIE VALENTINO-ET    | 2004  | 2012       |

# Logix Conformation and Udder Traits : Bulls

Only sires of classified cows are indicated.

| Bull Information |     | Selection Indices |       |             |     |     |   | Conformation Breeding Values |             |            |                |      |             |          |          |                |            | Udder Breeding Values |                  |                 |             |             |            |           |             |   |                       |  |
|------------------|-----|-------------------|-------|-------------|-----|-----|---|------------------------------|-------------|------------|----------------|------|-------------|----------|----------|----------------|------------|-----------------------|------------------|-----------------|-------------|-------------|------------|-----------|-------------|---|-----------------------|--|
| Bull Name        | SAI | Body              | Udder | Feet & Legs | BWC | EFI | B | WH                           | CW          | BD         | DS             | RA   | TW          | RLS      | RLR      | BS             | FA         | FUA                   | RUH              | RUW             | UC          | UD          | FTP        | RTP       | TL          | B | S.A. daughters/ herds |  |
|                  |     |                   |       |             |     |     |   | Wither Height                | Chest Width | Body Depth | Dairy Strength | Rump | Thurl Width | RearLegs | RearLegs | Bone Structure | Foot Angle | ForeUdder             | RearUdder Height | RearUdder Width | Udder Cleft | Udder Depth | Front Teat | Rear Teat | Teat Length |   |                       |  |
|                  |     |                   |       |             |     |     |   |                              |             |            |                |      |             |          |          |                |            |                       |                  |                 |             |             |            |           |             |   |                       |  |

# Logix Conformation and Udder Breeding Values : Cows

Only classified cows are indicated

| Cow Information |          | Selection Indices |      |       |             |     | Conformation Breeding Values |                     |                   |                  |                     |                  |                   |                  |                  |                     | Udder Breeding Values |                  |                   |                   |                   |                   |                   |                  |                   |
|-----------------|----------|-------------------|------|-------|-------------|-----|------------------------------|---------------------|-------------------|------------------|---------------------|------------------|-------------------|------------------|------------------|---------------------|-----------------------|------------------|-------------------|-------------------|-------------------|-------------------|-------------------|------------------|-------------------|
| Farmnr          | Cow Name | SAINET            | Body | Udder | Feet & Legs | BWC | EFI                          | WH<br>Wither Height | CW<br>Chest Width | BD<br>Body Depth | DS<br>Dairy Strengt | RA<br>Rump Angle | TW<br>Thurl Width | RLS<br>Rear Legs | RLR<br>Rear Legs | BS<br>Bone Structur | FA<br>Foot Angle      | FUA<br>ForeUdder | RUH<br>Rear Udder | RUW<br>Rear Udder | UC<br>Udder Cleft | UD<br>Udder Depth | FTP<br>Front Teat | RTP<br>Rear Teat | TL<br>Teat Length |
|                 |          |                   |      |       |             |     |                              |                     |                   |                  |                     |                  |                   |                  |                  |                     |                       |                  |                   |                   |                   |                   |                   |                  |                   |
| Average         |          |                   |      |       |             |     |                              |                     |                   |                  |                     |                  |                   |                  |                  |                     |                       |                  |                   |                   |                   |                   |                   |                  |                   |

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# Herd : Extreme Cows per Trait

## Top Cows

| Breeding Values |      |           |      |            |      |         |      |          |      |          |       |               |       | Selection Indices |     |        |     |        |     |        |     |        |     |        |     |
|-----------------|------|-----------|------|------------|------|---------|------|----------|------|----------|-------|---------------|-------|-------------------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|
| Milk            |      | Butterfat |      | Butterfat% |      | Protein |      | Protein% |      | Somatics |       | Calf Interval |       | Herdlife          |     | SAINET |     | CYI    |     | FMI    |     | BWC    |     | EFI    |     |
| Farmnr          | EBV  | Farmnr    | EBV  | Farmnr     | EBV  | Farmnr  | EBV  | Farmnr   | EBV  | Farmnr   | EBV   | Farmnr        | EBV   | Farmnr            | EBV | Farmnr | Ind | Farmnr | Ind | Farmnr | Ind | Farmnr | Ind | Farmnr | Ind |
| 21302           | 1248 | 8153      | 36.4 | 21221      | 0.57 | 21302   | 38.3 | 20373    | 0.27 | 21199    | -13.6 | 20389         | -15.5 | 19305             | 109 |        |     |        |     |        |     |        |     |        |     |
| 20151           | 1247 | 22017     | 35.7 | 22363      | 0.49 | 20354   | 34.6 | 22017    | 0.27 | 22197    | -11.3 | 20210         | -14.0 | 20260             | 108 |        |     |        |     |        |     |        |     |        |     |
| 21427           | 1052 | 22121     | 32.7 | 21348      | 0.48 | 20151   | 34.3 | 22121    | 0.21 | 21256    | -10.6 | 21105         | -14.0 | 20302             | 107 |        |     |        |     |        |     |        |     |        |     |
| 20354           | 1046 | 19297     | 30.3 | 20373      | 0.47 | 21427   | 32.3 | 22363    | 0.20 | 21410    | -9.5  | 20077         | -13.0 | 20210             | 107 |        |     |        |     |        |     |        |     |        |     |
| 21257           | 1025 | 21300     | 29.0 | 22142      | 0.46 | 22121   | 31.2 | 20081    | 0.19 | 20180    | -8.8  | 21033         | -12.7 | 20412             | 107 |        |     |        |     |        |     |        |     |        |     |
| 19162           | 1006 | 20354     | 28.7 | 22177      | 0.44 | 22420   | 26.8 | 20011    | 0.19 | 21248    | -8.6  | 20105         | -12.5 | 20398             | 107 |        |     |        |     |        |     |        |     |        |     |
| 21219           | 959  | 20291     | 27.6 | 20081      | 0.43 | 22134   | 26.6 | 22177    | 0.18 | 22073    | -8.5  | 20125         | -12.3 | 22423             | 107 |        |     |        |     |        |     |        |     |        |     |
| 22067           | 950  | 21427     | 26.7 | 19153      | 0.43 | 22017   | 26.5 | 21165    | 0.17 | 22005    | -7.9  | 20116         | -12.1 | 19280             | 107 |        |     |        |     |        |     |        |     |        |     |
| 22023           | 931  | 8280      | 25.7 | 20030      | 0.41 | 19162   | 26.2 | 19268    | 0.17 | 20298    | -7.3  | 21112         | -12.0 | 8178              | 107 |        |     |        |     |        |     |        |     |        |     |
| 21184           | 890  | 21417     | 24.5 | 20011      | 0.39 | 20291   | 26.1 | 19350    | 0.16 | 20347    | -7.0  | 7441          | -11.8 | 20340             | 107 |        |     |        |     |        |     |        |     |        |     |

## Bottom Cows

| Breeding Values |       |           |       |            |       |         |       |          |        |          |      |               |      | Selection Indices |     |        |     |        |     |        |     |        |     |        |     |
|-----------------|-------|-----------|-------|------------|-------|---------|-------|----------|--------|----------|------|---------------|------|-------------------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|
| Milk            |       | Butterfat |       | Butterfat% |       | Protein |       | Protein% |        | Somatics |      | Calf Interval |      | Herdlife          |     | SAINET |     | CYI    |     | FMI    |     | BWC    |     | EFI    |     |
| Farmnr          | EBV   | Farmnr    | EBV   | Farmnr     | EBV   | Farmnr  | EBV   | Farmnr   | EBV    | Farmnr   | EBV  | Farmnr        | EBV  | Farmnr            | EBV | Farmnr | Ind | Farmnr | Ind | Farmnr | Ind | Farmnr | Ind | Farmnr | Ind |
| 21221           | -1066 | 20077     | -50.5 | 21148      | -0.72 | 21221   | -34.1 | 21221    | -34.10 | 20204    | 39.4 | 20151         | 11.8 | 8325              | 69  |        |     |        |     |        |     |        |     |        |     |
| 21105           | -941  | 20084     | -46.2 | 20172      | -0.71 | 20077   | -33.7 | 20077    | -33.70 | 21379    | 37.1 | 21219         | 9.5  | 19374             | 73  |        |     |        |     |        |     |        |     |        |     |
| 21383           | -842  | 20210     | -38.9 | 21219      | -0.67 | 21105   | -30.5 | 21105    | -30.50 | 22067    | 36.8 | 21320         | 8.5  | 8278              | 75  |        |     |        |     |        |     |        |     |        |     |
| 21348           | -803  | 19337     | -38.2 | 20151      | -0.64 | 20210   | -28.6 | 20210    | -28.60 | 21165    | 35.8 | 21417         | 8.4  | 19372             | 75  |        |     |        |     |        |     |        |     |        |     |
| 21112           | -794  | 21105     | -38.0 | 21257      | -0.63 | 19305   | -28.4 | 19305    | -28.40 | 21389    | 34.6 | 22067         | 8.1  | 8326              | 75  |        |     |        |     |        |     |        |     |        |     |
| 20058           | -786  | 19300     | -37.4 | 21302      | -0.63 | 21112   | -26.6 | 21112    | -26.60 | 20151    | 34.3 | 21183         | 7.8  | 8323              | 75  |        |     |        |     |        |     |        |     |        |     |
| 20210           | -764  | 20105     | -35.4 | 20115      | -0.63 | 20116   | -26.0 | 20116    | -26.00 | 20092    | 33.7 | 21180         | 7.7  | 8308              | 75  |        |     |        |     |        |     |        |     |        |     |
| 20373           | -758  | 20026     | -35.1 | 21421      | -0.62 | 20355   | -26.0 | 20355    | -26.00 | 22358    | 33.6 | 21256         | 7.3  | 8280              | 75  |        |     |        |     |        |     |        |     |        |     |
| 20105           | -730  | 21022     | -33.6 | 20261      | -0.55 | 20026   | -26.0 | 20026    | -26.00 | 21404    | 33.6 | 21229         | 7.1  | 8309              | 75  |        |     |        |     |        |     |        |     |        |     |
| 20077           | -726  | 19305     | -33.1 | 22065      | -0.55 | 20058   | -25.7 | 20058    | -25.70 | 22025    | 33.3 | 21302         | 6.3  | 8347              | 75  |        |     |        |     |        |     |        |     |        |     |

# Herd : Extreme Heifers per Trait

## Top Heifers

| Breeding Values |     |           |      |             |      |         |      |           |      |          |      |               |       | Selection Indices |     |        |     |        |     |        |     |        |     |        |     |
|-----------------|-----|-----------|------|-------------|------|---------|------|-----------|------|----------|------|---------------|-------|-------------------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|
| Milk            |     | Butterfat |      | Butterfat % |      | Protein |      | Protein % |      | Somatics |      | Calf Interval |       | Herdlife          |     | SAINET |     | CYI    |     | FMI    |     | BWC    |     | EFI    |     |
| Farmnr          | EBV | Farmnr    | EBV  | Farmnr      | EBV  | Farmnr  | EBV  | Farmnr    | EBV  | Farmnr   | EBV  | Farmnr        | EBV   | Farmnr            | EBV | Farmnr | Ind | Farmnr | Ind | Farmnr | Ind | Farmnr | Ind | Farmnr | Ind |
| 23075           | 566 | 23075     | 18.3 | 22314       | 0.45 | 23075   | 20.9 | 22314     | 0.20 | 23141    | -5.5 | 22314         | -13.4 | 22351             | 105 |        |     |        |     |        |     |        |     |        |     |
| 23121           | 520 | 22334     | 18.0 | 22267       | 0.17 | 22334   | 19.7 | 22270     | 0.13 | 23349    | -3.8 | 22267         | -10.9 | 22414             | 105 |        |     |        |     |        |     |        |     |        |     |
| 22351           | 513 | 23086     | 17.1 | 22326       | 0.17 | 23086   | 18.1 | 22268     | 0.10 | 24125    | -3.1 | 22268         | -10.0 | 23151             | 101 |        |     |        |     |        |     |        |     |        |     |
| 23073           | 455 | 23139     | 11.4 | 22268       | 0.15 | 23121   | 17.8 | 22326     | 0.09 | 24141    | -2.3 | 22316         | -9.2  | 22081             | 101 |        |     |        |     |        |     |        |     |        |     |
| 23139           | 431 | 24113     | 11.2 | 22199       | 0.14 | 23139   | 16.2 | 22052     | 0.08 | 22199    | -1.3 | 22164         | -8.7  | 23141             | 99  |        |     |        |     |        |     |        |     |        |     |
| 23129           | 416 | 23121     | 10.5 | 22270       | 0.14 | 23073   | 15.6 | 22267     | 0.07 | 23360    | -0.9 | 22326         | -8.6  | 22237             | 99  |        |     |        |     |        |     |        |     |        |     |
| 23083           | 416 | 23129     | 10.4 | 22316       | 0.14 | 23100   | 15.3 | 22199     | 0.07 | 24109    | 0.9  | 22328         | -8.5  | 23090             | 99  |        |     |        |     |        |     |        |     |        |     |
| 22334           | 406 | 23083     | 10.4 | 22052       | 0.14 | 23083   | 14.6 | 22248     | 0.06 | 23090    | 1.5  | 22306         | -8.1  | 24130             | 98  |        |     |        |     |        |     |        |     |        |     |
| 23100           | 402 | 23100     | 9.2  | 24415       | 0.06 | 23129   | 14.6 | 22231     | 0.06 | 22231    | 1.5  | 22209         | -7.9  | 22316             | 98  |        |     |        |     |        |     |        |     |        |     |
| 23086           | 382 | 22052     | 8.9  | 24125       | 0.05 | 24113   | 13.7 | 22334     | 0.06 | 22343    | 2.2  | 22391         | -7.9  | 24109             | 98  |        |     |        |     |        |     |        |     |        |     |

## Bottom Heifers

| Breeding Values |      |           |       |             |       |         |       |           |       |          |      |               |     | Selection Indices |     |        |     |        |     |        |     |        |     |        |     |
|-----------------|------|-----------|-------|-------------|-------|---------|-------|-----------|-------|----------|------|---------------|-----|-------------------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|
| Milk            |      | Butterfat |       | Butterfat % |       | Protein |       | Protein % |       | Somatics |      | Calf Interval |     | Herdlife          |     | SAINET |     | CYI    |     | FMI    |     | BWC    |     | EFI    |     |
| Farmnr          | EBV  | Farmnr    | EBV   | Farmnr      | EBV   | Farmnr  | EBV   | Farmnr    | EBV   | Farmnr   | EBV  | Farmnr        | EBV | Farmnr            | EBV | Farmnr | Ind | Herdnr | Ind | Farmnr | Ind | Farmnr | Ind | Farmnr | Ind |
| 22314           | -777 | 22164     | -21.6 | 22351       | -0.38 | 22314   | -19.8 | 22314     | 0.20  | 22304    | 26.7 | 23100         | 8.1 | 23075             | 76  |        |     |        |     |        |     |        |     |        |     |
| 22306           | -366 | 22306     | -21.0 | 22350       | -0.33 | 22306   | -12.8 | 22306     | 0.03  | 22327    | 24.3 | 22334         | 7.5 | 23086             | 85  |        |     |        |     |        |     |        |     |        |     |
| 22199           | -267 | 23067     | -20.3 | 22164       | -0.28 | 22164   | -9.5  | 22199     | 0.07  | 22306    | 24.3 | 23086         | 7.5 | 22334             | 85  |        |     |        |     |        |     |        |     |        |     |
| 22414           | -265 | 22314     | -18.5 | 23073       | -0.27 | 22414   | -9.3  | 22414     | 0.02  | 22359    | 23.8 | 23139         | 7.2 | 23100             | 86  |        |     |        |     |        |     |        |     |        |     |
| 23149           | -255 | 23137     | -17.8 | 23121       | -0.27 | 23067   | -9.1  | 23149     | 0.02  | 22192    | 22.8 | 23121         | 6.9 | 23083             | 87  |        |     |        |     |        |     |        |     |        |     |
| 22267           | -216 | 23092     | -17.8 | 23364       | -0.21 | 23149   | -8.6  | 22267     | 0.07  | 23137    | 22.8 | 23075         | 6.3 | 23073             | 87  |        |     |        |     |        |     |        |     |        |     |
| 22326           | -201 | 23085     | -17.8 | 23067       | -0.20 | 23092   | -8.2  | 22326     | 0.09  | 23111    | 22.8 | 23073         | 6.0 | 23129             | 87  |        |     |        |     |        |     |        |     |        |     |
| 23067           | -165 | 22209     | -17.8 | 23090       | -0.20 | 22192   | -8.2  | 23067     | -0.05 | 22209    | 22.8 | 23074         | 5.2 | 23139             | 87  |        |     |        |     |        |     |        |     |        |     |
| 22268           | -157 | 22391     | -17.8 | 23074       | -0.20 | 22391   | -8.2  | 22268     | 0.10  | 23085    | 22.8 | 23129         | 4.9 | 22314             | 88  |        |     |        |     |        |     |        |     |        |     |
| 23148           | -145 | 22192     | -17.8 | 23100       | -0.20 | 23137   | -8.2  | 23148     | -0.02 | 23092    | 22.8 | 23083         | 4.9 | 23074             | 88  |        |     |        |     |        |     |        |     |        |     |

# Single Gene Traits

0 = Carries no copy of the gene    1 = Carries one copy of the gene    2 = Carries 2 copies of the gene    Empty Field = No information available

| Farmersnr<br>Regno | Name<br>Birth Date | Breed<br>Fraction ( %) | % Homozy-<br>gosity | ABCG2 | Casein |       | Beta<br>Lacto-<br>Globulin | DGAT1 | Yellow<br>Milk Fat | Horns /<br>Polled | BLAD | DUMPS | Mulefoot | JH1 |
|--------------------|--------------------|------------------------|---------------------|-------|--------|-------|----------------------------|-------|--------------------|-------------------|------|-------|----------|-----|
|                    |                    |                        |                     |       | Beta   | Kappa |                            |       |                    |                   |      |       |          |     |
|                    |                    |                        |                     |       |        |       |                            |       |                    |                   |      |       |          |     |



