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# HOLSTEIN-FRIESLAND GENOMIC BREEDING VALUE REPORT

**June 2026**

Owner: UNIVERSITEIT VAN PRETORIA

Herd Number: 293527



# Introduction

## Genomic EBVs (GEBVs)



SA Stud Book strives to stay abreast of the latest scientific and technological developments. Genomically Enhanced Breeding Values (GEBVs) are therefore predicted for the SA Friesland breed, where genomic data are 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. A representative reference population is available for the breed, which is essential to establish the relationship between SNP markers and breeding values. If a young animal has been genotyped, more information is available for estimation of its breeding values and the breeding values are estimated more reliably, especially those of complex traits like fertility and longevity. These GEBVs are therefore based on the expression of genes in the SA environment and population and built on the breed's own genetic parameters and variation, taking all measurements and pedigree information of both parental lines into account and is the most accurate and relevant information that selection decisions can be based on.



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.

### Abbreviations

|     |                        |
|-----|------------------------|
| EFI | Efficiency Index       |
| ICP | Intercalving Period    |
| LMI | Logix Merit Index      |
| LPI | Logix Production Index |
| BWI | Body Weight Index      |

### Inclusion of Data

#### Age restrictions

Lac1 : 18 – 42 mths  
Lac2: 30 – 54 mths  
Lac3: 40 – 67mths

#### Production restrictions

Milk : 2.5 -90kg  
BF% : 2 – 9%  
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

At least three tests for a lactation before lactation is included in the evaluation

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.

# Breeding Values and Selection Indices

## 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 EBVs, while keeping the genetic level of milk production constant.

## 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.

## Calving Interval

EBVs indicate how much longer (positive EBVs) or shorter (negative EBVs) the cow's calving interval is in comparison to the average of the base cows. 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.

## 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.

## Selection Indices

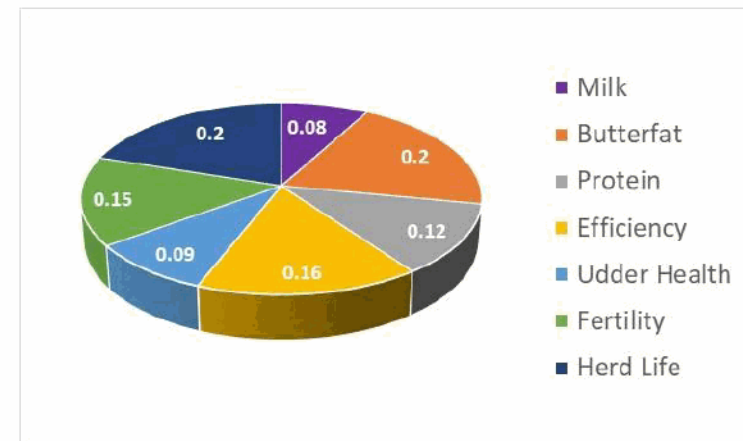
To simplify the selection of animals, the different EBVs are combined into a selection index, i.e. the Logix Merit Index, where Production, Efficiency, Udder Health, Fertility and Longevity

are combined in optimal proportions to address the strong and weak aspects of the breed. This will ensure sustainability of genetic progress as balanced breeding is promoted.

The relevant indices are constructed as follows:

- $LMI = 0.08 \text{ Milk} + 0.20 \text{ Bfat} + 0.12 \text{ Prot} + 0.16 \text{ Efficiency} + 0.09 \text{ Udder Health} + 0.15 \text{ Fertility} + 0.20 \text{ HerdLife}$
- $\text{Efficiency Index (EFI)} = 0.15 \text{ Milk} + 0.3 \text{ Bfat} + 0.2 \text{ Prot} + 0.12 \text{ Density} - 0.23 \text{ Body Weight}$
- $\text{Density} = -(\text{Milk EBV} - ((\text{Bfat EBV} + \text{Prot EBV})/0.032))$
- $\text{Logix Production Index (LPI)} = 0.2 * \text{Milk} + 0.5 * \text{Butterfat (kg)} + 0.3 * \text{Protein (kg)}$

Construction of the LMI



The LMI and LPI are expressed around 100 (average of base year), with standard deviation = 12. A LMI of 88 is therefore 1 standard deviation below the average, while a LMI of 118 is 1.5 standard deviations above the average of the breed.

*The data used in this evaluation has been obtained from LOGIX as well as the ARC, 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.

## 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.

## Polled and Horned (Celtic and Friesian)

The polled gene is dominant. Only HH animals will therefore have horns.

- 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.

## ABCG2

An additive gene lowering milk fat (kg and %) and increase milk volume.

## DGAT1

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

## 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. Other variants of the gene are A3, B, C, D, E, F,G,H1, H2 and I, which are rarer.

## 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 relevant to milk composition, quality, yield as well as cheese production. LGB represents around 50% of whey protein and 12% of total milk prot 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.

## Citrullinaemia (CT)

A lethal recessive gene where affected calves are born normal, but become depressed within 24 hours. In 3-5 days they develop tongue protrusion, unsteady gait, wander aimlessly, froth at the mouth, develop convulsions and die.

## 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 icps.

## Mule Foot (Syndactyly)

An unwanted recessive gene causing fusion of the cloven hoof. Affected cattle can have 1-4 fused hooves, show varying degrees of lameness, have a high-step gait and may walk slowly.

## Holstein Haplotypes (1, 3, 4 and 5)

Lethal recessive genes where calves, homozygous for the mutation, are aborted early in gestation. Mating of two carriers will have a 25% probability to produce lethal progeny.

### 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.

# Genetic Windows

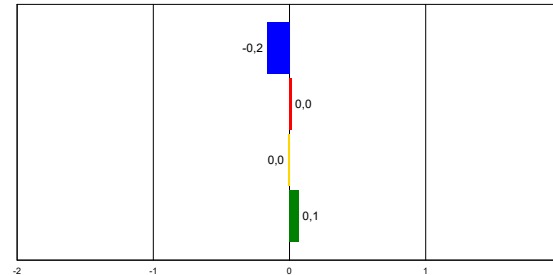
**Base Year: 2020**

## 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 Fertility of the sires of the active cows in the herd is 1.0, the ICP of the bulls used in the herd is 1 SDU lower (better) than the breed average.
6. It is more favourable for Weight of the animals 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.

## Measured Cows

### Selection Indices



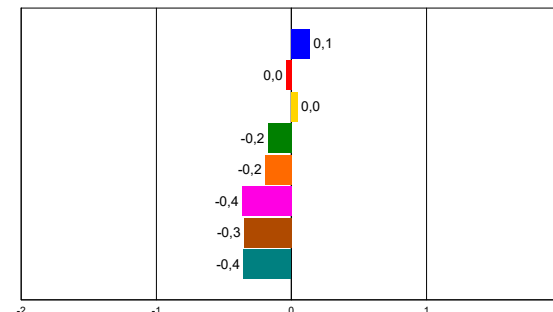
Logix Merit Index)

Production

Efficiency

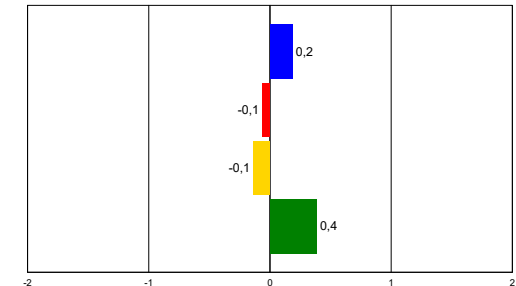
Weight

### Production and other Traits

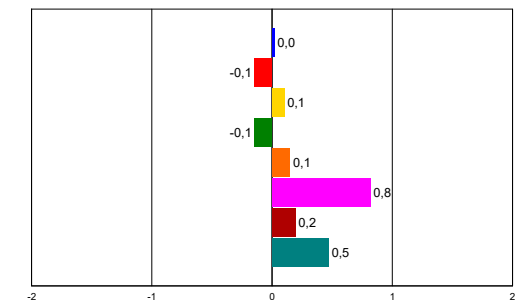


## Sires of Cows

### Selection Indices



### Production and other Traits



## VERY IMPORTANT

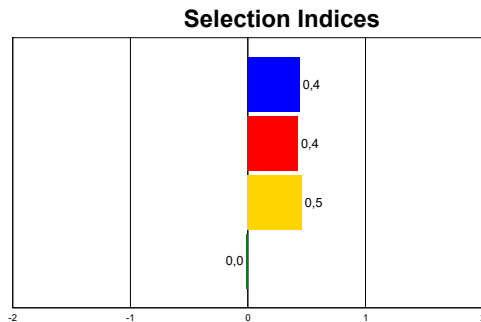
**Udder Health** : Higher values, lower SSC, better health

**Fertility** : Higher values, lower ICP, better fertility

**Body Weight** : Higher values, heavier animals

# Genetic Windows

## Heifers



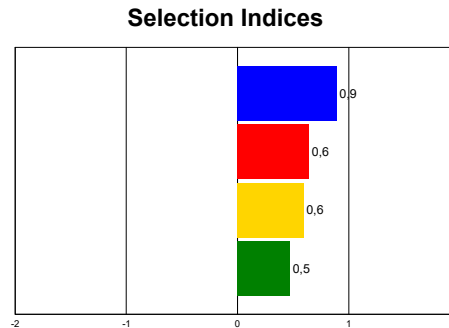
Logix Merit Index

Production

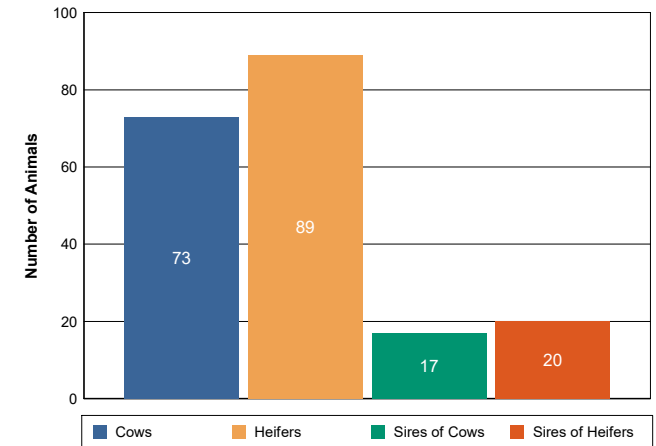
Efficiency

Weight

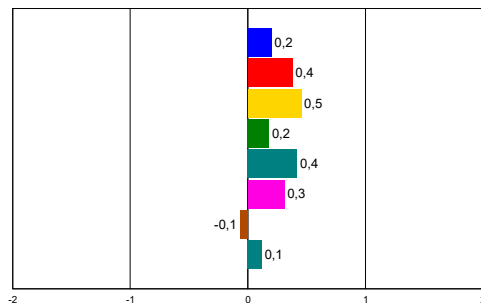
## Sires of Heifers



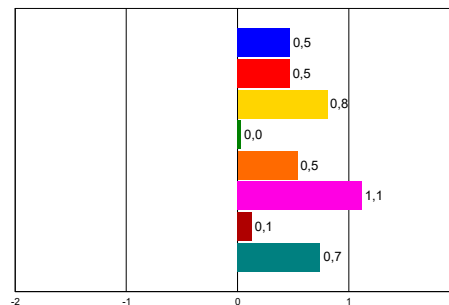
## Number of Cows, Heifers and Sires



## Production and other Traits



## Production and other Traits



## Number of Cows per Age Group

|        | Heifers | Lac 1 | Lac 2 | Lac 3 | Lac 4+ |
|--------|---------|-------|-------|-------|--------|
| Number | 89      | 25    | 19    | 16    | 11     |

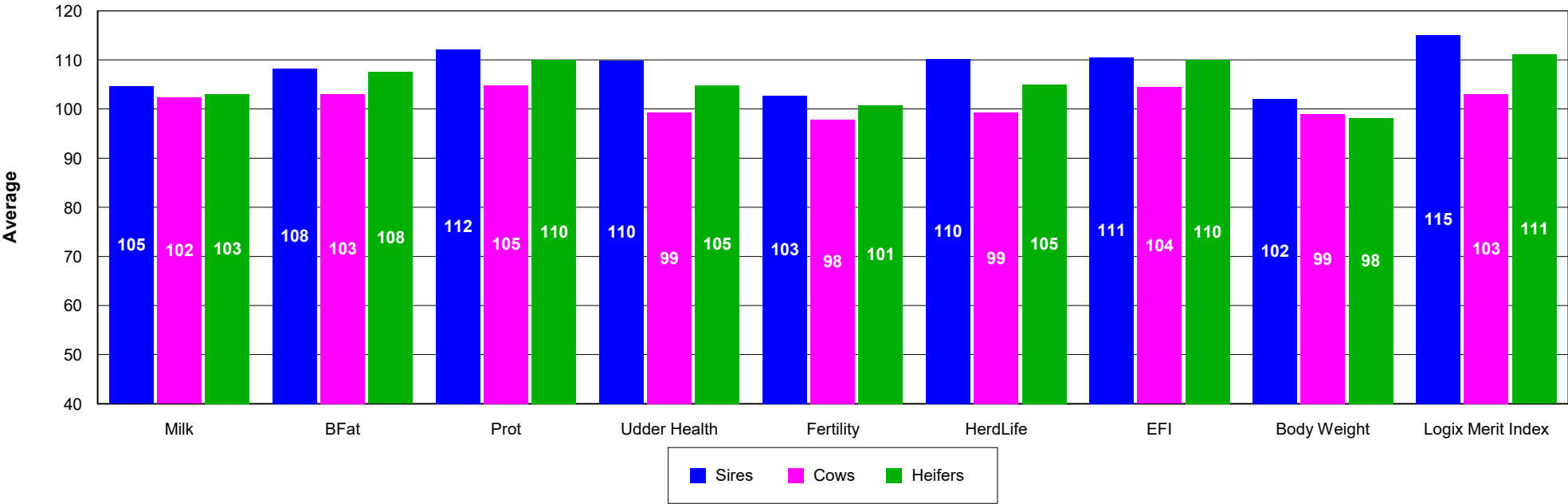
# GENETIC RANKING OF THE HERD WITHIN THE ACTIVE BREED

The green blocks indicate where the specific herd ranks within the active population for every trait and selection index.

| Trait        | Top 5% | 10%    | 15%    | 20%    | 25%    | 30%    | 35%    | 40%    | 45%    | 50%    | 55%    | 60%    | 65%     | 70%     | 75%     | 80%     | 85%     | 90%     | Bottom 95% |
|--------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|---------|---------|---------|------------|
| <b>Melk</b>  | 706.15 | 561.32 | 460.88 | 379.00 | 303.32 | 236.40 | 177.00 | 122.00 | 68.93  | 16.88  | -35.01 | -86.00 | -137.00 | -187.34 | -246.00 | -314.68 | -388.00 | -494.00 | -622.00    |
| <b>BVet</b>  | 34.10  | 27.90  | 23.80  | 20.20  | 17.30  | 14.40  | 11.90  | 9.40   | 6.90   | 4.90   | 2.60   | 0.20   | -1.90   | -4.00   | -6.30   | -9.20   | -12.10  | -17.00  | -22.50     |
| <b>Prot</b>  | 24.70  | 20.80  | 18.10  | 15.70  | 13.60  | 11.60  | 9.70   | 7.60   | 5.70   | 3.70   | 1.90   | 0.20   | -1.30   | -2.90   | -4.60   | -6.60   | -9.00   | -12.40  | -17.30     |
| <b>BV%</b>   | 0.31   | 0.24   | 0.20   | 0.17   | 0.14   | 0.12   | 0.10   | 0.08   | 0.06   | 0.04   | 0.03   | 0.01   | -0.01   | -0.03   | -0.05   | -0.08   | -0.12   | -0.16   | -0.24      |
| <b>Prot%</b> | 0.14   | 0.11   | 0.09   | 0.08   | 0.07   | 0.06   | 0.05   | 0.04   | 0.04   | 0.03   | 0.03   | 0.02   | 0.01    | 0.00    | -0.01   | -0.02   | -0.03   | -0.05   | -0.08      |
| <b>SCS</b>   | -20.11 | -15.96 | -13.23 | -11.24 | -9.43  | -7.91  | -6.53  | -5.29  | -4.04  | -2.79  | -1.59  | -0.37  | 0.87    | 2.15    | 3.60    | 5.14    | 6.70    | 9.56    | 14.17      |
| <b>TKP</b>   | -8.70  | -6.90  | -5.80  | -4.80  | -4.10  | -3.40  | -2.70  | -2.10  | -1.50  | -0.90  | -0.30  | 0.30   | 1.00    | 1.70    | 2.40    | 3.30    | 4.20    | 5.40    | 7.10       |
| <b>HLife</b> | 124.00 | 120.00 | 116.00 | 114.00 | 111.00 | 108.00 | 106.00 | 104.00 | 103.00 | 101.00 | 100.00 | 99.00  | 98.00   | 97.00   | 95.00   | 94.00   | 93.00   | 90.00   | 87.00      |
| <b>SIZE</b>  | 113.60 | 109.40 | 106.90 | 104.80 | 103.60 | 102.30 | 101.10 | 100.10 | 99.20  | 98.30  | 97.50  | 96.50  | 95.50   | 94.40   | 93.00   | 91.50   | 89.30   | 86.80   | 82.00      |
| <b>DTI</b>   | 123.20 | 119.60 | 117.10 | 115.00 | 113.00 | 111.00 | 109.20 | 107.40 | 105.60 | 104.10 | 102.30 | 101.00 | 99.50   | 97.90   | 96.60   | 94.90   | 93.10   | 90.00   | 85.10      |
| <b>LMI</b>   | 126.80 | 122.90 | 119.70 | 117.10 | 114.70 | 112.30 | 110.20 | 108.10 | 106.10 | 104.10 | 102.20 | 100.70 | 99.00   | 97.50   | 95.90   | 94.20   | 92.30   | 89.60   | 84.20      |

# Holstein-Friesland

Average Genetic Levels of the Herd



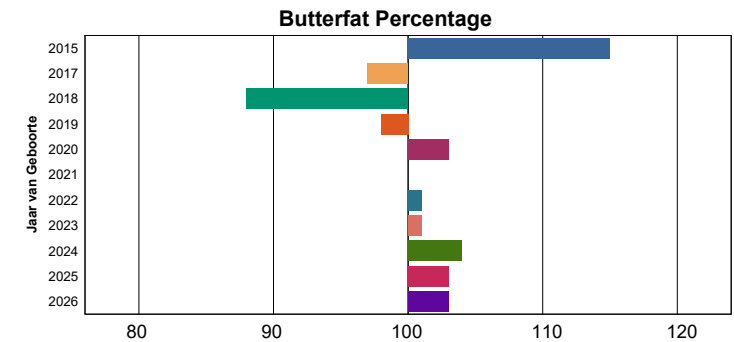
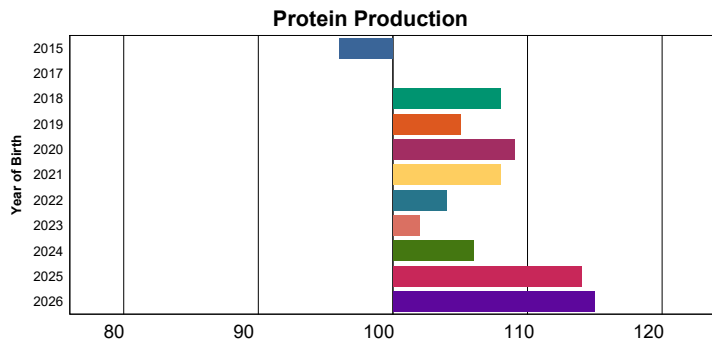
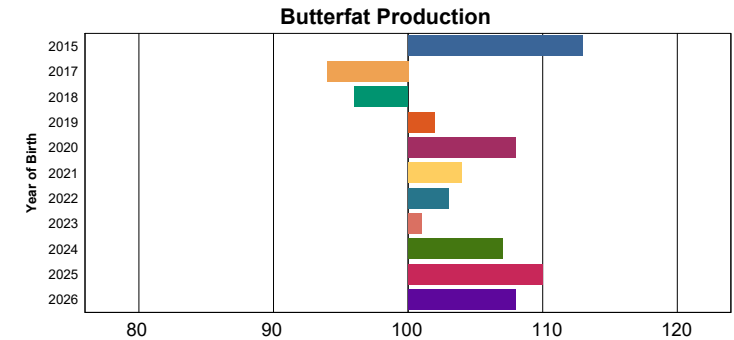
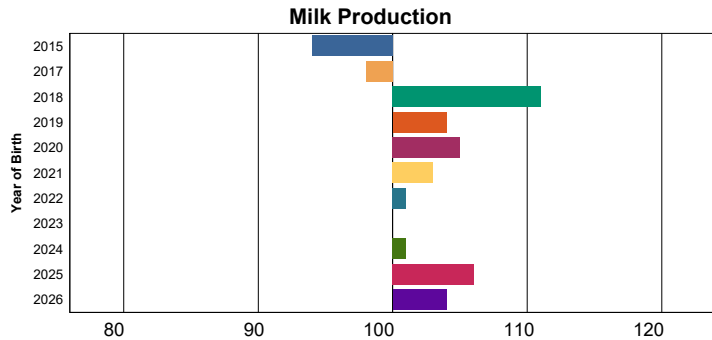
# Holstein-Friesland

## Genetic Averages of Active Cows per Lactation Group

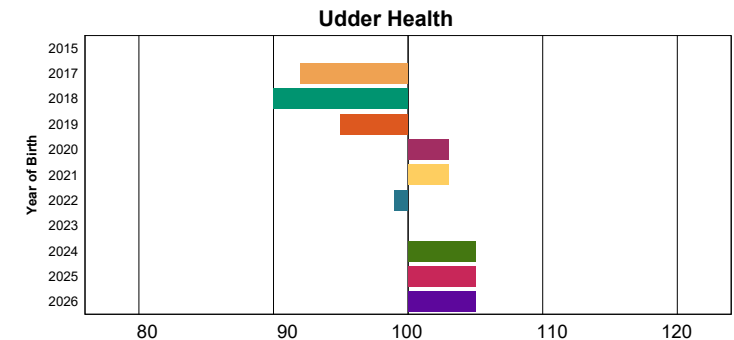
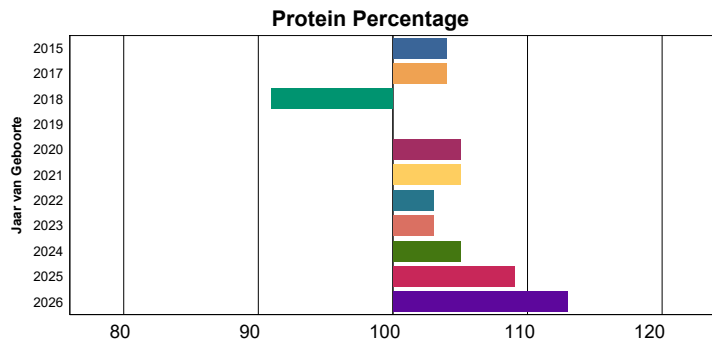
| Trait     | Heifers |       | Lactation 1 |       | Lactation 2 |       | Lactation 3 |       | Lactation 4+ |       |
|-----------|---------|-------|-------------|-------|-------------|-------|-------------|-------|--------------|-------|
|           | Herd    | Breed | Herd        | Breed | Herd        | Breed | Herd        | Breed | Herd         | Breed |
| Milk      | 103,0   | 102,9 | 103,0       | 102,7 | 100,3       | 102,6 | 103,6       | 101,9 | 103,2        | 101,3 |
| Butterfat | 107,5   | 106,9 | 103,8       | 107,0 | 102,9       | 104,8 | 103,1       | 103,3 | 103,6        | 102,6 |
| Protein   | 110,0   | 108,5 | 105,1       | 106,5 | 102,4       | 105,6 | 107,8       | 104,3 | 105,5        | 103,2 |
| BF%       | 103,7   | 103,2 | 100,7       | 102,6 | 101,9       | 101,0 | 99,6        | 100,6 | 100,2        | 100,7 |
| Prot%     | 108,4   | 106,4 | 101,6       | 104,2 | 102,5       | 103,2 | 104,1       | 102,5 | 101,7        | 102,0 |
| UdHealth  | 104,9   | 104,1 | 100,1       | 96,6  | 98,3        | 94,9  | 100,3       | 93,3  | 98,2         | 91,9  |
| Fertility | 100,8   | 100,7 | 100,4       | 100,4 | 98,5        | 99,4  | 95,7        | 99,3  | 94,6         | 100,8 |
| HerdLife  | 105,0   | 107,3 | 99,2        | 101,2 | 98,8        | 101,1 | 99,1        | 102,9 | 100,5        | 105,0 |
| BWC       | 98,2    | 99,7  | 99,6        | 101,8 | 99,1        | 101,2 | 98,8        | 100,5 | 98,3         | 99,6  |
| EFI       | 110,0   | 108,6 | 105,0       | 101,0 | 103,3       | 100,7 | 105,7       | 100,4 | 105,2        | 99,9  |
| LMI       | 111,1   | 110,5 | 104,4       | 101,5 | 101,7       | 100,9 | 104,1       | 100,2 | 103,2        | 99,4  |

# Holstein-Friesland

## Average Performance of Active Cows per Year of Birth

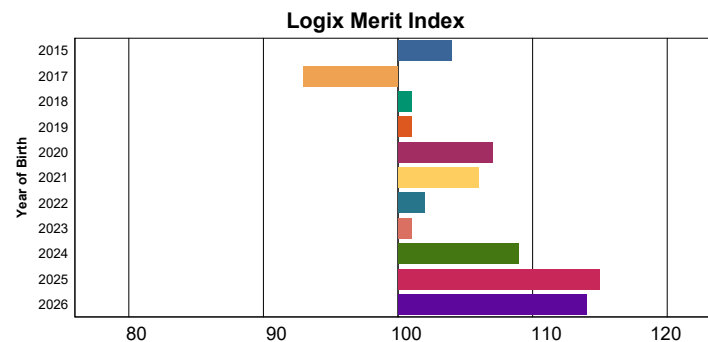
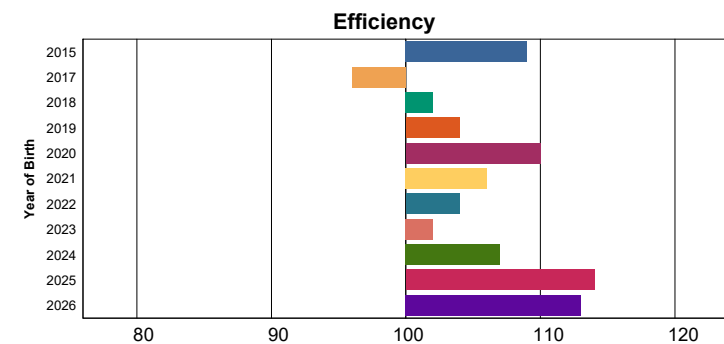
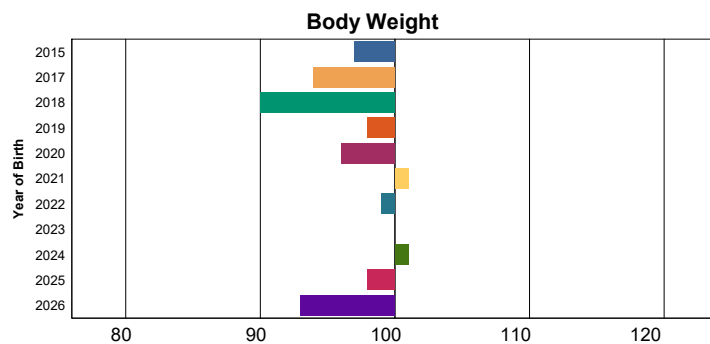
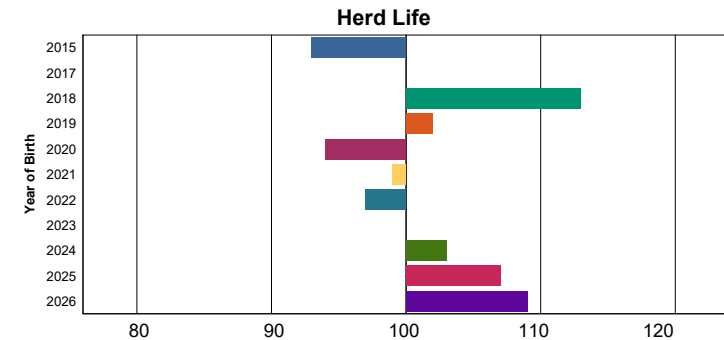
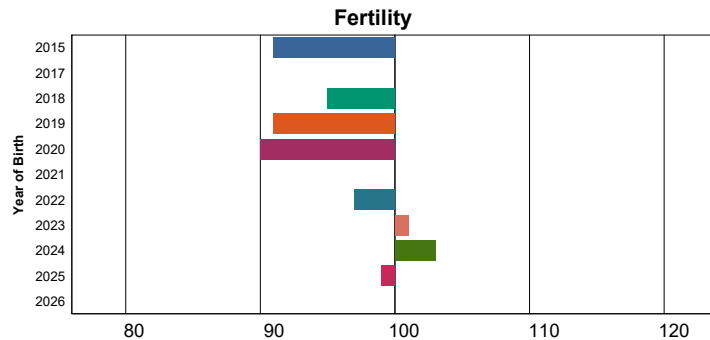


| Year of Birth | Number |
|---------------|--------|
| 2015          | 1      |
| 2017          | 3      |
| 2018          | 1      |
| 2019          | 6      |
| 2020          | 9      |
| 2021          | 13     |
| 2022          | 16     |
| 2023          | 27     |
| 2024          | 38     |
| 2025          | 25     |
| 2026          | 23     |



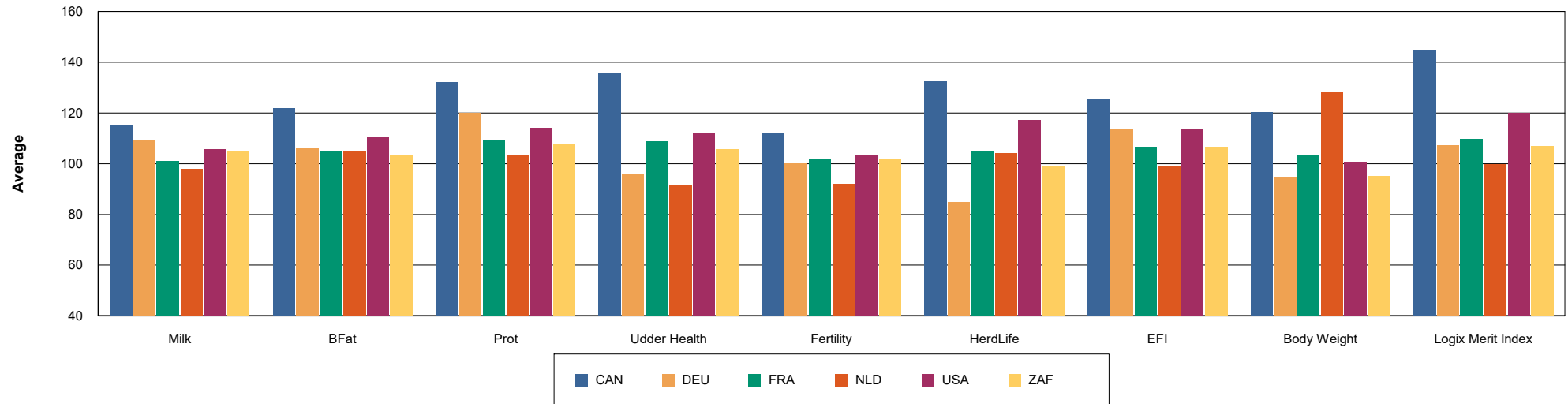
# Holstein-Friesland

## Average Performance of Active Cows per Year of Birth



# Holstein-Friesland

**Average Genetic Levels of Sires per Country of Origin**



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

| Country | Nr Sires | Nr Daughters |
|---------|----------|--------------|
| CAN     | 1        | 2            |
| DEU     | 1        | 1            |
| FRA     | 7        | 36           |
| NLD     | 1        | 15           |
| USA     | 13       | 105          |
| ZAF     | 4        | 3            |

# Holstein-Friesland

## Genetic levels of Cows and Heifers

| Trait                            | Cows & Heifers |       | Cows  |       | Heifers |       |
|----------------------------------|----------------|-------|-------|-------|---------|-------|
|                                  | Herd           | Breed | Herd  | Breed | Herd    | Breed |
| Nr of Animals                    | 162            | 13232 | 73    | 7196  | 89      | 6036  |
| Avg Inbreeding                   | 8.62           | 8.73  | 7.84  | 8.09  | 9.25    | 9.49  |
| > 6.25% Inbred                   | 155            | 11542 | 69    | 5680  | 86      | 5862  |
| Estimated Breeding Values (EBVs) |                |       |       |       |         |       |
| Milk                             | 103            | 26    | 89    | -48   | 114     | 113   |
| Butterfat                        | 8.9            | 5.2   | 4.8   | 0.2   | 12.3    | 11.2  |
| Protein                          | 7.8            | 4.1   | 4.9   | 0.2   | 10.2    | 8.6   |
| Butterfat %                      | 0.04           | 0.04  | 0.01  | 0.02  | 0.07    | 0.06  |
| Protein %                        | 0.04           | 0.03  | 0.02  | 0.02  | 0.06    | 0.05  |
| Udder Health                     | 102            | 102   | 99    | 101   | 105     | 104   |
| Calving Interval                 | 0.2            | -0.8  | 1.0   | -1.2  | -0.5    | -0.4  |
| Herd Life                        | 102            | 103   | 99    | 100   | 105     | 107   |
| Selection Indices                |                |       |       |       |         |       |
| LMI                              | 108            | 105   | 103   | 101   | 111     | 111   |
| Efficiency (EFI)                 | 0.62           | 0.37  | 0.37  | 0.08  | 0.83    | 0.72  |
| Prod (LPI)                       | 107            | 104   | 104   | 100   | 109     | 108   |
| Body Weight                      | -0.12          | -0.15 | -0.08 | -0.26 | -0.15   | -0.02 |

The average breeding values and indices of cows and heifers currently in the herd and breed as on 2026/06/10

## Genetic Levels of Sires

| Trait                            | Sires |       |
|----------------------------------|-------|-------|
|                                  | Herd  | Breed |
| Nr Bulls                         | 27    | 481   |
| Avg Inbreeding                   | 9.48  | 9.41  |
| > 6.25% inbred                   | 23    | 410   |
| Estimated Breeding Values (EBVs) |       |       |
| Milk                             | 177   | 166   |
| Butterfat                        | 13.5  | 11.1  |
| Protein                          | 12.5  | 9.3   |
| Butterfat %                      | 0.06  | 0.04  |
| Protein %                        | 0.06  | 0.04  |
| Udder Health                     | 110   | 104   |
| Calving Interval                 | -1.4  | 0.3   |
| Herd Life                        | 110   | 109   |
| Selection Indices                |       |       |
| LMI                              | 115   | 111   |
| Efficiency (EFI)                 | 0.89  | 0.71  |
| Prod (LPI)                       | 111   | 109   |
| Body Weight                      | 0.18  | 0.11  |

The average Breeding values and Indices of the sires used in the herd and breed

# Holstein-Friesland

## Inbreeding

- 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

| Years of Birth   | Level (%) * | %Rate / Year |
|------------------|-------------|--------------|
| 2000 - 2026      | 9.41        | 0.20         |
| Recommendations: | < 6.25      | < 0.1 - 0.2  |

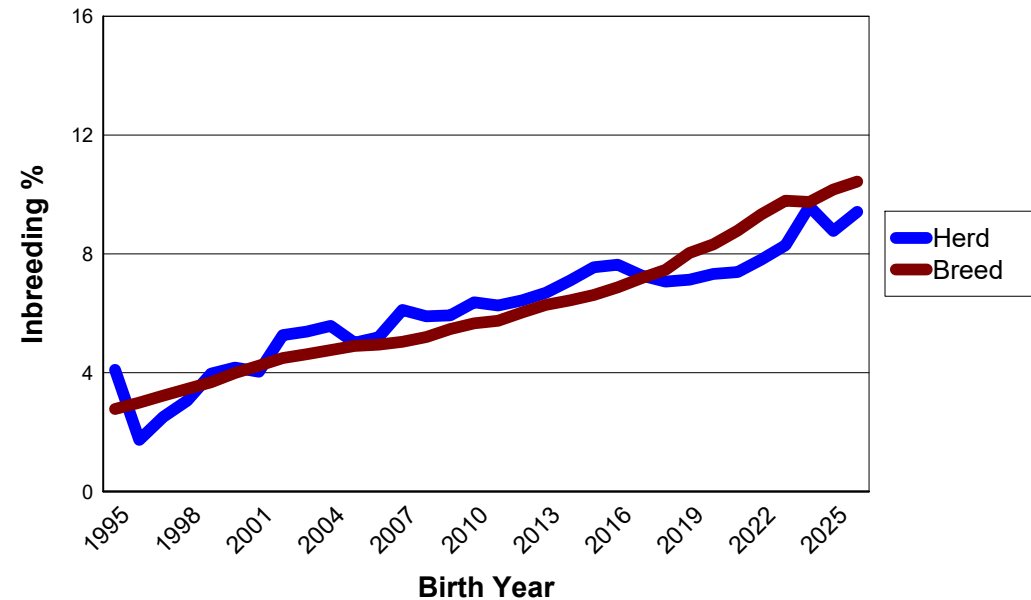
\* Of latest birth year

### Pedigree Information

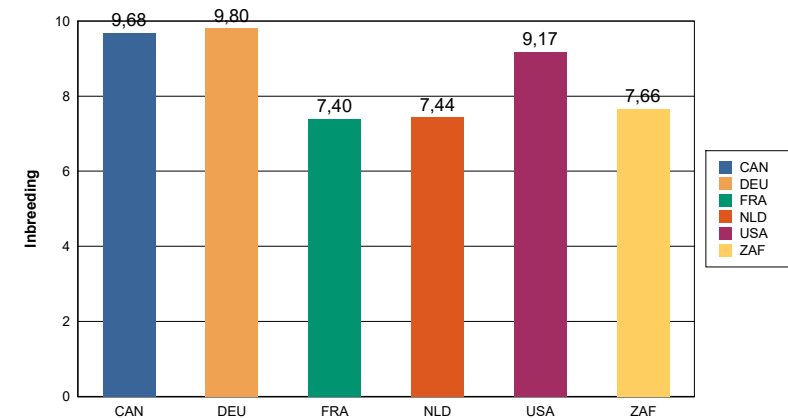
|             | Number | %   |
|-------------|--------|-----|
| Known Sires | 164    | 100 |
| Known Dams  | 163    | 99  |

Note: If parentages are unknown, inbreeding will be under-estimated.

### Rate of Inbreeding: Herd vs Breed

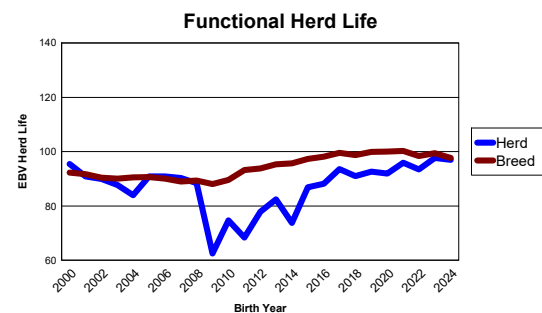
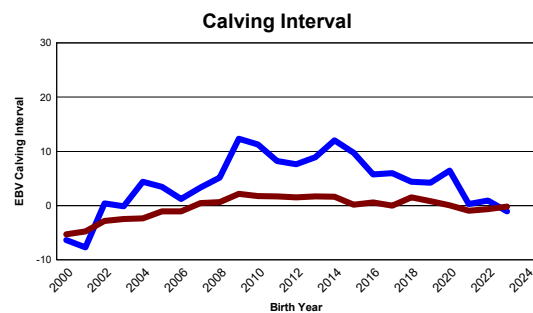
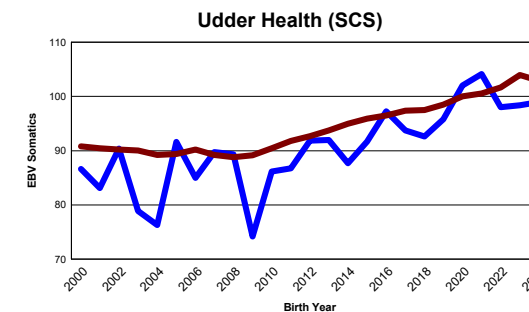
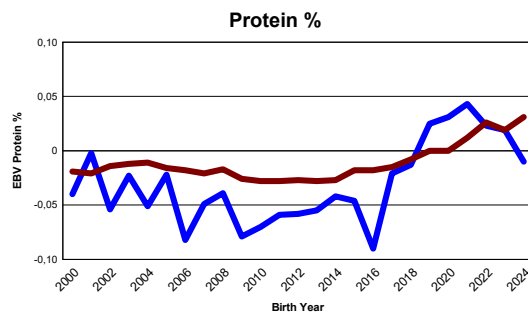
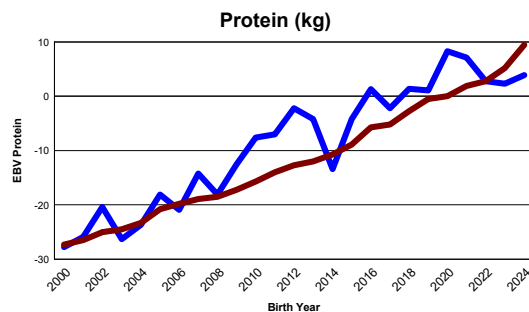
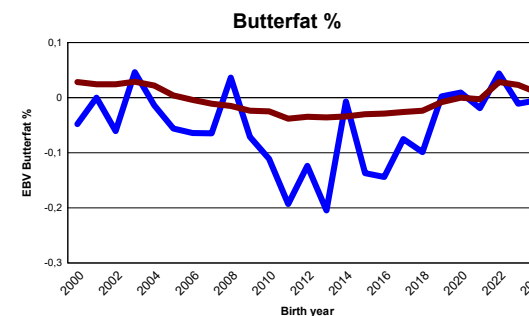
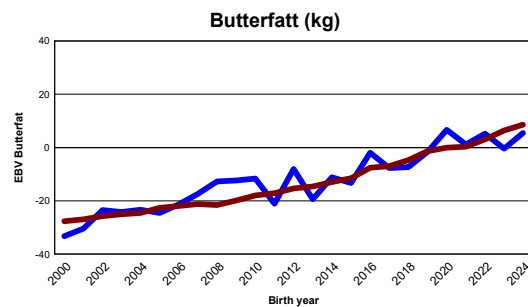
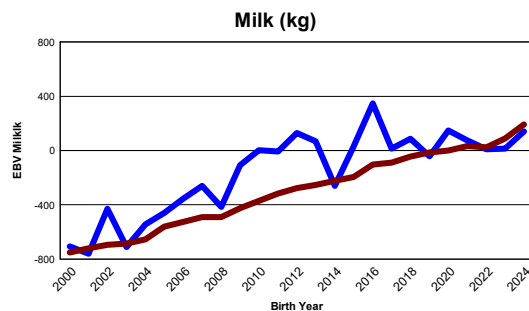


### Average Inbreeding per Country of Sire



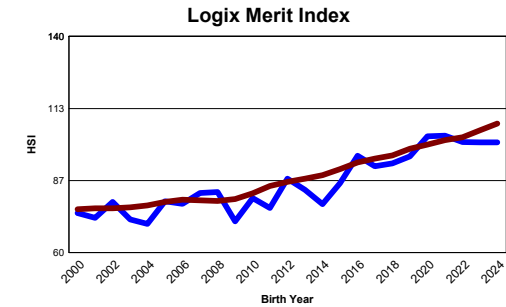
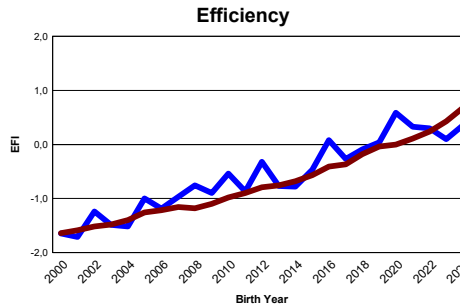
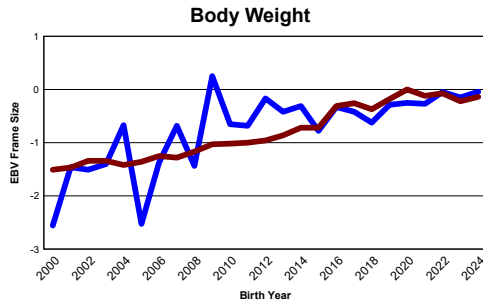
# Holstein-Friesland

Herd History: Genetic Trends of the Herd (blue) and Breed (brown): Breeding values



# Holstein-Friesland

Herd History: Genetic Trends of the Herd (blue) and Breed (brown): Breeding values



The average breeding values of milked cows per year in the herd and breed.

## Genetic Trends

| Cows Tested in Breed |                |       |       |          |          |          |           |           |         |             |            |       |            |
|----------------------|----------------|-------|-------|----------|----------|----------|-----------|-----------|---------|-------------|------------|-------|------------|
| Birth Year           | Number of Cows |       |       | EBV Milk | EBV BFat | EBV Prot | EBV BFat% | EBV Prot% | EBV SCS | EBV CalvInt | EBV H Life | LMI   | Inbreeding |
| 2008                 | 14844          | 14839 | 14839 | -491     | -21.6    | -18.5    | -0.02     | -0.02     | 88.8    | 0.6         | 89.4       | 79.1  | 5.20       |
| 2009                 | 12002          | 11975 | 11975 | -425     | -19.9    | -17.2    | -0.02     | -0.03     | 89.2    | 2.2         | 88.0       | 79.8  | 5.47       |
| 2010                 | 10800          | 10777 | 10777 | -372     | -18.0    | -15.7    | -0.03     | -0.03     | 90.4    | 1.8         | 89.6       | 82.0  | 5.66       |
| 2011                 | 10642          | 10636 | 10636 | -317     | -17.2    | -14.0    | -0.04     | -0.03     | 91.8    | 1.7         | 93.2       | 84.7  | 5.75       |
| 2012                 | 10140          | 10108 | 10109 | -278     | -15.3    | -12.7    | -0.04     | -0.03     | 92.7    | 1.5         | 93.7       | 86.2  | 6.02       |
| 2013                 | 7862           | 7794  | 7795  | -254     | -14.6    | -12.0    | -0.04     | -0.03     | 93.7    | 1.7         | 95.3       | 87.3  | 6.28       |
| 2014                 | 6841           | 6814  | 6814  | -222     | -13.0    | -10.7    | -0.03     | -0.03     | 95.0    | 1.6         | 95.7       | 88.7  | 6.43       |
| 2015                 | 7118           | 7033  | 7035  | -195     | -11.5    | -8.9     | -0.03     | -0.02     | 95.9    | 0.2         | 97.3       | 90.9  | 6.61       |
| 2016                 | 6119           | 5936  | 5936  | -103     | -7.6     | -5.7     | -0.03     | -0.02     | 96.5    | 0.6         | 98.1       | 93.3  | 6.87       |
| 2017                 | 6028           | 5673  | 5673  | -89      | -7.0     | -5.2     | -0.03     | -0.02     | 97.4    | 0.0         | 99.5       | 94.8  | 7.18       |
| 2018                 | 5748           | 5327  | 5327  | -44      | -4.7     | -2.7     | -0.02     | -0.01     | 97.5    | 1.5         | 98.8       | 96.0  | 7.46       |
| 2019                 | 3808           | 3713  | 3712  | -15      | -1.4     | -0.5     | -0.01     | 0.00      | 98.5    | 0.8         | 99.9       | 98.5  | 8.03       |
| 2020                 | 3446           | 3408  | 3407  | 0        | 0.0      | 0.0      | 0.00      | 0.00      | 100.0   | 0.1         | 100.0      | 100.0 | 8.32       |
| 2021                 | 1968           | 1777  | 1777  | 32       | 0.3      | 1.9      | 0.00      | 0.01      | 100.5   | -0.9        | 100.2      | 101.6 | 8.78       |
| 2022                 | 2037           | 1761  | 1761  | 23       | 3.0      | 2.8      | 0.03      | 0.03      | 101.6   | -0.7        | 98.3       | 102.7 | 9.33       |
| 2023                 | 1112           | 1025  | 1024  | 90       | 6.4      | 5.2      | 0.02      | 0.02      | 103.9   | -0.2        | 99.5       | 105.3 | 9.79       |
| 2024                 | 459            | 435   | 434   | 192      | 8.5      | 9.5      | 0.01      | 0.03      | 102.9   |             | 97.7       | 107.7 | 9.74       |

| Cows Tested in Herd |                |    |    |          |          |          |           |           |         |             |           |     |            |
|---------------------|----------------|----|----|----------|----------|----------|-----------|-----------|---------|-------------|-----------|-----|------------|
| Birth Year          | Number of Cows |    |    | EBV Milk | EBV BFat | EBV Prot | EBV BFat% | EBV Prot% | EBV SCS | EBV CalvInt | EBV HLife | LMI | Inbreeding |
| 2008                | 24             | 24 | 24 | -416     | -12.7    | -18.1    | 0.04      | -0.04     | 89.4    | 5.1         | 88        | 82  | 5.90       |
| 2009                | 26             | 26 | 26 | -109     | -12.4    | -12.5    | -0.07     | -0.08     | 74.2    | 12.3        | 62        | 72  | 5.93       |
| 2010                | 29             | 29 | 29 | 3        | -11.7    | -7.6     | -0.11     | -0.07     | 86.2    | 11.3        | 75        | 80  | 6.37       |
| 2011                | 29             | 29 | 29 | -8       | -21.1    | -7.0     | -0.19     | -0.06     | 86.7    | 8.2         | 68        | 76  | 6.26       |
| 2012                | 24             | 24 | 24 | 129      | -8.1     | -2.2     | -0.12     | -0.06     | 91.9    | 7.6         | 78        | 87  | 6.43       |
| 2013                | 24             | 24 | 24 | 68       | -19.4    | -4.2     | -0.21     | -0.06     | 92.0    | 8.9         | 82        | 83  | 6.69       |
| 2014                | 18             | 18 | 18 | -262     | -11.2    | -13.4    | -0.01     | -0.04     | 87.7    | 12.0        | 74        | 78  | 7.10       |
| 2015                | 32             | 32 | 32 | 30       | -13.3    | -4.2     | -0.14     | -0.05     | 91.7    | 9.8         | 87        | 86  | 7.55       |
| 2016                | 23             | 23 | 23 | 347      | -2.0     | 1.3      | -0.14     | -0.09     | 97.2    | 5.7         | 88        | 96  | 7.63       |
| 2017                | 33             | 33 | 33 | 13       | -7.7     | -2.2     | -0.08     | -0.02     | 93.7    | 6.0         | 94        | 92  | 7.27       |
| 2018                | 31             | 31 | 31 | 86       | -7.3     | 1.4      | -0.10     | -0.01     | 92.6    | 4.4         | 91        | 93  | 7.07       |
| 2019                | 35             | 35 | 35 | -42      | -1.6     | 1.1      | 0.00      | 0.03      | 95.8    | 4.3         | 93        | 96  | 7.13       |
| 2020                | 23             | 23 | 23 | 147      | 6.7      | 8.3      | 0.01      | 0.03      | 102.0   | 6.4         | 92        | 103 | 7.32       |
| 2021                | 22             | 22 | 22 | 76       | 1.1      | 7.1      | -0.02     | 0.04      | 104.1   | 0.3         | 96        | 103 | 7.39       |
| 2022                | 25             | 25 | 25 | 9        | 5.2      | 2.8      | 0.04      | 0.02      | 98.0    | 0.9         | 93        | 101 | 7.80       |
| 2023                | 14             | 14 | 14 | 13       | -0.4     | 2.3      | -0.01     | 0.02      | 98.4    | -1.1        | 98        | 101 | 8.29       |
| 2024                | 2              | 2  | 2  | 140      | 5.4      | 3.9      | -0.01     | -0.01     | 99.0    |             | 97        | 101 | 9.59       |

# Percentile Table

## Active Cows and Heifers

| Trait    | Average | Std. Dev. | Max.    | 5%     | 10%    | 25%    | 50%    | 75%     | 90%     | 95%     | Min.     |
|----------|---------|-----------|---------|--------|--------|--------|--------|---------|---------|---------|----------|
| Melk     | 25.60   | 414.29    | 1626.00 | 706.15 | 561.32 | 303.32 | 16.88  | -246.00 | -494.00 | -622.00 | -2191.00 |
| BVet     | 5.25    | 17.64     | 85.60   | 34.10  | 27.90  | 17.30  | 4.90   | -6.30   | -17.00  | -22.50  | -89.50   |
| Prot     | 4.08    | 12.93     | 57.00   | 24.70  | 20.80  | 13.60  | 3.70   | -4.60   | -12.40  | -17.30  | -53.80   |
| BV%      | 0.04    | 0.17      | 0.99    | 0.31   | 0.24   | 0.14   | 0.04   | -0.05   | -0.16   | -0.24   | -0.97    |
| Prot%    | 0.03    | 0.07      | 0.39    | 0.14   | 0.11   | 0.07   | 0.03   | -0.01   | -0.05   | -0.08   | -0.30    |
| Somaties | 102.31  | 8.23      | 135.00  | 115.90 | 112.60 | 107.50 | 102.20 | 97.10   | 92.40   | 88.80   | 60.00    |
| TKP      | -0.83   | 4.92      | 21.00   | -8.70  | -6.90  | -4.10  | -0.90  | 2.40    | 5.40    | 7.10    | -27.10   |
| KudLewe  | 103.38  | 11.53     | 149.00  | 124.00 | 120.00 | 111.00 | 101.00 | 95.00   | 90.00   | 87.00   | 55.00    |
| Gewig    | -0.15   | 0.81      | 5.36    | 1.13   | 0.79   | 0.30   | -0.14  | -0.58   | -1.10   | -1.50   | -6.34    |
| Uier     | 0.10    | 1.26      | 3.77    | 2.01   | 1.66   | 0.98   | 0.06   | -0.62   | -1.30   | -2.04   | -5.82    |
| H&B      | 0.11    | 0.88      | 1.96    | 1.27   | 1.03   | 0.65   | 0.25   | -0.22   | -1.03   | -1.65   | -8.62    |
| DTI      | 0.37    | 0.97      | 3.81    | 1.94   | 1.64   | 1.08   | 0.34   | -0.28   | -0.83   | -1.24   | -3.45    |
| Bouvorm  | -0.32   | 1.00      | 3.28    | 1.12   | 0.79   | 0.26   | -0.25  | -0.77   | -1.46   | -2.08   | -9.59    |
| FLD LMI  | 105.49  | 13.70     | 147.00  | 128.60 | 124.20 | 115.30 | 104.40 | 95.80   | 89.40   | 83.90   | 47.40    |
| LMI      | 105.10  | 12.99     | 143.70  | 126.80 | 122.90 | 114.70 | 104.10 | 95.90   | 89.60   | 84.20   | 50.70    |

### 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.

# Percentile Table

## Active Bulls

| Trait    | Average | Std. Dev. | Max.    | 5%     | 10%    | 25%    | 50%    | 75%     | 90%     | 95%     | Min.     |
|----------|---------|-----------|---------|--------|--------|--------|--------|---------|---------|---------|----------|
| Melk     | 166.09  | 451.69    | 1407.79 | 853.00 | 696.50 | 477.00 | 167.00 | -102.00 | -434.00 | -595.00 | -1532.00 |
| BVet     | 11.09   | 23.20     | 91.00   | 51.50  | 41.50  | 25.20  | 10.60  | -5.00   | -17.50  | -25.48  | -76.00   |
| Prot     | 9.46    | 14.67     | 44.40   | 34.10  | 29.70  | 19.70  | 9.50   | -1.00   | -10.00  | -15.00  | -34.70   |
| BV%      | 0.04    | 0.22      | 0.99    | 0.38   | 0.33   | 0.17   | 0.05   | -0.09   | -0.23   | -0.30   | -0.82    |
| Prot%    | 0.04    | 0.10      | 0.38    | 0.19   | 0.16   | 0.09   | 0.03   | -0.02   | -0.09   | -0.12   | -0.27    |
| Somaties | 104.28  | 14.13     | 139.30  | 127.00 | 120.70 | 113.90 | 104.90 | 95.30   | 86.70   | 80.20   | 52.10    |
| TKP      | 0.31    | 8.43      | 22.00   | -14.20 | -10.20 | -5.30  | 1.00   | 6.00    | 10.40   | 14.17   | -33.30   |
| KudLewe  | 109.32  | 19.70     | 171.90  | 144.60 | 135.90 | 122.00 | 107.00 | 96.42   | 86.72   | 79.00   | 52.30    |
| Gewiq    | 0.11    | 1.52      | 5.69    | 2.58   | 2.04   | 1.05   | 0.15   | -0.79   | -1.75   | -2.38   | -5.09    |
| Uier     | 0.97    | 1.79      | 5.52    | 3.79   | 3.12   | 2.04   | 1.02   | 0.03    | -1.20   | -2.27   | -5.75    |
| H&B      | -0.78   | 1.53      | 1.71    | 1.11   | 0.91   | 0.33   | -0.56  | -1.54   | -2.97   | -3.46   | -8.02    |
| DTI      | 0.71    | 1.21      | 4.34    | 2.87   | 2.23   | 1.49   | 0.61   | -0.15   | -0.77   | -1.09   | -2.67    |
| Bouvorm  | -0.09   | 1.66      | 4.38    | 2.23   | 1.82   | 1.08   | 0.11   | -0.95   | -2.18   | -3.46   | -5.79    |
| FLD LMI  | 111.05  | 18.85     | 161.30  | 145.20 | 134.20 | 122.40 | 111.30 | 98.60   | 87.60   | 81.40   | 61.30    |
| LMI      | 110.98  | 17.42     | 156.80  | 143.20 | 133.00 | 121.30 | 110.90 | 100.00  | 88.90   | 83.40   | 65.10    |

# BULLS

Bulls are sorted alphabetically M = MACE (International) breeding values and reliability GM = GMACE G = Genomic information R = Reliability Above breed average Top 10% of the breed Bottom 10% of the breed \*Inbreeding in red is high

| Bull                     |                        |                              |              | Selection Indices |     |     |              | Estimated Breeding Values (EBV) and Reliabilities (B) |                  |                   |                   |                   |                   |                    |                   |              |                      | S.A. Daughters and Herds |                      |               |              |  |
|--------------------------|------------------------|------------------------------|--------------|-------------------|-----|-----|--------------|-------------------------------------------------------|------------------|-------------------|-------------------|-------------------|-------------------|--------------------|-------------------|--------------|----------------------|--------------------------|----------------------|---------------|--------------|--|
| Compnr<br>FarmerNr       | Parent<br>Verification | Name                         | BYear<br>Cnt | % In-<br>breeding | LMI | LPI | EFI          | BWI                                                   | Milk<br>Index R  | BFat<br>Index R   | BFat %<br>Index R | Prot<br>Index R   | Prot %<br>Index R | Som<br>Index R     | Calvnt<br>Index R | HLife<br>R   | Lac > 149 d<br>Herds | Lac < 150 d<br>Herds     | Avg<br>Lac<br>Length | %Short<br>Lac | Compl<br>Lac |  |
| Active Breed Average:    |                        |                              |              | 8.73              | 105 | 104 | 0.37         | -0.15                                                 | 26               | 5.2               | 0.04              | 4.1               | 0.03              | 102                | -0.8              | 103          |                      |                          |                      |               |              |  |
| 98345572<br>250105       |                        | 250105BOVEC                  | 2025<br>ZAF  | 7.40              | 123 | 121 | 1.83<br>122  | 0.03<br>100                                           | M 120<br>103 36  | M 38.2<br>123 31  | 0.31<br>116       | M 10.9<br>111 33  | 0.06<br>109       | M -13.3<br>110 24  | M -3.1<br>106 20  | M 98<br>22   |                      |                          |                      |               |              |  |
| 98345564<br>250104       |                        | 250140BOVEC                  | 2025<br>ZAF  | 7.40              | 123 | 121 | 1.83<br>122  | 0.03<br>100                                           | M 120<br>103 36  | M 38.2<br>123 31  | 0.31<br>116       | M 10.9<br>111 33  | 0.06<br>109       | M -13.3<br>110 24  | M -3.1<br>106 20  | M 98<br>22   |                      |                          |                      |               |              |  |
| 936867977                |                        | BADGER S-S-I ZAPPA ET        | 2020<br>USA  | 10.42             | 124 | 129 | 2.23<br>127  | 0.30<br>104                                           | M 1150<br>130 90 | M 26.0<br>116 82  | -0.17<br>91       | M 39.0<br>138 84  | 0.01<br>101       | M -5.1<br>104 75   | M 8.6<br>83 69    | M 97<br>72   | 40                   | 2                        | 40                   | 2             | 56 100       |  |
| 90092420                 |                        | BPS PANTHER FOXCATCHER-ET    | 2017<br>USA  | 8.64              | 121 | 109 | 0.59<br>107  | 0.32<br>104                                           | M 438<br>111 99  | M 4.0<br>102 99   | -0.12<br>94       | M 15.0<br>115 99  | 0.00<br>100       | M -17.0<br>113 99  | M -13.0<br>125 95 | M 128<br>97  | 344                  | 7                        | 41                   | 5             | 266 16 688   |  |
| 2013034596               |                        | DE GRENDEL 1222 JACKSON      | 2012<br>ZAF  | 7.87              | 91  | 98  | 0.04<br>101  | -1.33<br>84                                           | 68<br>102 87     | -6.2<br>96 85     | -0.09<br>95       | -0.2<br>100 86    | -0.02<br>97       | 9.4<br>93 71       | 10.9<br>79 51     | 88<br>57     | 78                   | 9                        | 13                   | 2             | 234 28 117   |  |
| 90702150                 |                        | DELTA LUNAR                  | 2017<br>NLD  | 7.75              | 100 | 104 | -0.09<br>99  | 2.35<br>128                                           | -81<br>98 93     | 8.0<br>105 91     | 0.11<br>106       | 3.0<br>103 92     | 0.05<br>107       | M 10.5<br>92 79    | M 3.9<br>92 58    | M 104<br>69  | 140                  | 5                        | 9                    | 3             | 257 25 239   |  |
| 93668200                 |                        | DENOVO 17150 BOVEC50-ET      | 2020<br>USA  | 12.56             | 133 | 129 | 2.53<br>130  | 0.35<br>104                                           | M 1<br>100 93    | M 57.0<br>134 85  | 0.53<br>128       | M 13.0<br>113 88  | 0.12<br>117       | M -21.9<br>117 73  | M -6.0<br>111 66  | M 97<br>72   | 67                   | 2                        | 54                   | 2             | 105 93       |  |
| 937043974                |                        | DENOVO 20057 PILLBOX-ET      | 2022<br>USA  | 15.97             | 149 | 135 | 3.11<br>137  | -0.25<br>97                                           | GM 597<br>115 59 | GM 49.0<br>130 44 | 0.22<br>112       | GM 36.3<br>135 51 | 0.15<br>121       | GM -20.1<br>116 63 | GM 2.7<br>95 45   | GM 153<br>58 |                      |                          |                      |               |              |  |
| 82541848                 |                        | DUNHILL                      | 2008<br>FRA  | 5.65              | 96  | 101 | 0.08<br>101  | 0.91<br>111                                           | -468<br>88 94    | 8.0<br>105 93     | 0.26<br>114       | 0.0<br>100 94     | 0.15<br>121       | 16.0<br>88 85      | M 1.4<br>97 69    | M 95<br>73   | 151                  | 5                        |                      |               | 275 7 367    |  |
| 93355816                 |                        | FAIRMONT RIDGELINE.          | 2018<br>USA  | 10.95             | 122 | 111 | 0.83<br>110  | 0.07<br>101                                           | M 565<br>115 65  | M 4.9<br>103 59   | -0.16<br>91       | M 19.9<br>119 64  | 0.01<br>101       | M -25.3<br>120 80  | M 3.3<br>94 70    | M 135<br>73  |                      |                          |                      |               |              |  |
| 936897336                |                        | FB 8084 ADEBAYO-P-ET         | 2020<br>USA  | 11.47             | 126 | 120 | 2.00<br>124  | -0.92<br>89                                           | M 289<br>108 73  | M 24.2<br>115 71  | 0.11<br>106       | M 28.0<br>127 71  | 0.17<br>124       | M -14.0<br>111 75  | M 0.3<br>99 72    | M 117<br>72  |                      |                          |                      |               |              |  |
| 82735432                 |                        | GOLESNIL                     | 2011<br>FRA  | 5.71              | 111 | 107 | 0.21<br>103  | 1.48<br>118                                           | M 278<br>107 73  | M 6.5<br>104 66   | -0.04<br>98       | M 7.9<br>108 71   | -0.01<br>98       | M -2.4<br>102 68   | M -5.0<br>110 58  | M 118<br>41  | 29                   | 5                        | 2                    | 1             | 267 12 56    |  |
| 83357582                 |                        | HADOCK                       | 2012<br>FRA  | 5.78              | 106 | 113 | 0.61<br>107  | 2.75<br>133                                           | M 28<br>101 68   | M 16.5<br>110 59  | 0.14<br>107       | M 17.9<br>117 62  | 0.16<br>123       | M -18.1<br>114 69  | M 15.8<br>69 63   | M 87<br>61   | 16                   | 1                        |                      |               | 243 33 21    |  |
| 84828722                 |                        | IKEA                         | 2013<br>FRA  | 8.87              | 99  | 93  | -0.02<br>100 | -2.51<br>70                                           | M -161<br>96 77  | M -15.9<br>91 68  | -0.09<br>95       | M 2.5<br>103 71   | 0.07<br>110       | M -5.2<br>104 65   | M -5.9<br>111 51  | M 105<br>38  | 35                   | 1                        |                      |               | 267 10 70    |  |
| 83357756                 |                        | INTACT                       | 2013<br>FRA  | 6.41              | 109 | 113 | 1.13<br>114  | 0.03<br>100                                           | M 278<br>107 70  | M 15.9<br>110 63  | 0.04<br>102       | M 16.0<br>116 66  | 0.06<br>109       | M 0.6<br>100 66    | M 6.6<br>87 56    | M 93<br>54   | 23                   | 2                        |                      |               | 257 14 37    |  |
| 936960780                |                        | LADYS-MANOR OVERVIEW ET      | 2019<br>USA  | 11.81             | 127 | 107 | 0.06<br>101  | 3.18<br>138                                           | M -387<br>90 58  | M 19.0<br>112 53  | 0.34<br>118       | M 0.2<br>100 52   | 0.13<br>119       | M -42.4<br>133 70  | M -17.2<br>133 62 | M 139<br>56  | 2                    | 1                        | 2                    | 1             | 106 100      |  |
| 90064254                 |                        | LIWAY SIL                    | 2015<br>FRA  | 9.14              | 125 | 113 | 0.83<br>110  | 1.02<br>112                                           | M 285<br>107 62  | M 18.9<br>111 56  | 0.07<br>104       | M 9.2<br>109 59   | 0.00<br>100       | M -34.3<br>127 71  | M -5.3<br>110 62  | M 123<br>61  | 8                    | 2                        | 1                    | 1             | 245 17       |  |
| 90051517                 |                        | MOVER P RF                   | 2016<br>FRA  | 7.68              | 123 | 108 | 1.08<br>113  | -1.87<br>78                                           | M 82<br>102 69   | M 8.6<br>105 59   | 0.05<br>103       | M 11.5<br>111 63  | 0.08<br>111       | M -34.8<br>127 67  | M -14.5<br>128 57 | M 116<br>39  | 26                   | 1                        | 1                    | 1             | 253 28 45    |  |
| 936962141                |                        | PROGENESIS PYTHAGORAS ET     | 2019<br>CAN  | 13.35             | 145 | 129 | 2.11<br>125  | 1.68<br>120                                           | GM 574<br>115 55 | GM 36.4<br>122 43 | 0.12<br>106       | GM 32.7<br>132 50 | 0.12<br>117       | GM -46.0<br>136 65 | GM -6.5<br>112 49 | GM 133<br>58 |                      |                          |                      |               |              |  |
| 2012829913<br>MELON 11.3 |                        | PUTTERGILL SUPER MELON 11.33 | 2011<br>ZAF  | 5.41              | 92  | 84  | -1.47<br>82  | -0.33<br>96                                           | 477<br>112 94    | -47.8<br>71 93    | -0.60<br>68       | 8.6<br>108 93     | -0.06<br>91       | -12.4<br>110 84    | -8.7<br>117 59    | 111<br>53    | 152                  | 5                        | 10                   | 2             | 268 12 302   |  |
| 936939867                |                        | RONELEE DAGWOOD ET           | 2021<br>DEU  | 9.64              | 107 | 113 | 1.15<br>114  | -0.43<br>95                                           | M 363<br>109 71  | M 10.5<br>106 69  | -0.04<br>98       | M 20.6<br>120 70  | 0.08<br>111       | M 5.2<br>96 73     | M 0.2<br>100 69   | M 85<br>71   |                      |                          |                      |               |              |  |
| 936866474                |                        | SANDY-VALLEY TAOS EAST-ET    | 2020<br>USA  | 9.84              | 138 | 133 | 2.85<br>134  | -0.78<br>91                                           | M 999<br>126 57  | M 37.9<br>123 48  | -0.02<br>99       | M 37.5<br>136 49  | 0.04<br>106       | M 8.3<br>94 63     | M 5.7<br>89 45    | GM 146<br>58 | 6                    | 2                        | 6                    | 2             | 30 100       |  |
| 92195536                 |                        | S-S-I BASIC BOLD-ET          | 2019<br>USA  | 13.47             | 92  | 83  | -1.11<br>87  | -1.42<br>83                                           | M -464<br>88 96  | M -23.0<br>86 93  | -0.04<br>98       | M -16.0<br>85 94  | -0.01<br>98       | M -9.0<br>107 86   | M -2.1<br>104 75  | M 120<br>80  | 83                   | 3                        | 35                   | 3             | 207 49       |  |
| 92193101                 |                        | S-S-I LA RIVETING VEKOMA-ET  | 2019<br>USA  | 12.24             | 106 | 98  | -0.32<br>96  | 0.82<br>110                                           | M -282<br>93 90  | M 6.0<br>104 88   | 0.17<br>109       | M -12.0<br>89 89  | -0.02<br>97       | M -19.0<br>115 81  | M -6.6<br>113 71  | M 113<br>74  | 37                   | 2                        | 10                   | 2             | 242 27       |  |

# BULLS

Bulls are sorted alphabetically   M = MACE (International) breeding values and reliability   GM = GMACE   G = Genomic information   R = Reliability   Above breed average   Top 10% of the breed   Bottom 10% of the breed   \*Inbreeding in red is high

| Bull                               |                                                                                   |                           |              |                   | Selection Indices |     |             |             | Estimated Breeding Values (EBV) and Reliabilities (B) |    |               |    |                 |   |               |    |                 |   | S.A. Daughters and Herds |    |                  |    |            |                      |                      |                      |               |              |    |     |
|------------------------------------|-----------------------------------------------------------------------------------|---------------------------|--------------|-------------------|-------------------|-----|-------------|-------------|-------------------------------------------------------|----|---------------|----|-----------------|---|---------------|----|-----------------|---|--------------------------|----|------------------|----|------------|----------------------|----------------------|----------------------|---------------|--------------|----|-----|
| Compnr<br>FarmerNr                 | Parent<br>Verification                                                            | Name                      | BYear<br>Cnt | % In-<br>breeding | LMI               | LPI | EFI         | BWI         | Milk<br>Index                                         | R  | BFat<br>Index | R  | BFat %<br>Index | R | Prot<br>Index | R  | Prot %<br>Index | R | Som<br>Index             | R  | CalvInt<br>Index | R  | HLife<br>R | Lac > 149 d<br>Herds | Lac < 150 d<br>Herds | Avg<br>Lac<br>Length | %Short<br>Lac | Compl<br>Lac |    |     |
| Active Breed Average:              |                                                                                   |                           |              | 8.73              | 105               | 104 | 0.37        | -0.15       | 26                                                    |    | 5.2           |    | 0.04            |   | 4.1           |    | 0.03            |   | 102                      |    | -0.8             |    | 103        |                      |                      |                      |               |              |    |     |
| 85949675                           |                                                                                   | S-S-I MONTROSS MEGAMAN-ET | 2014<br>USA  | 7.69              | 107               | 107 | 1.17<br>114 | -2.44<br>71 | 87<br>102                                             | 97 | 6.0<br>104    | 96 | 0.02<br>101     |   | 14.0<br>114   | 96 | 0.10<br>114     |   | -6.0<br>105              | 90 | 5.2<br>90        | 73 | 94<br>81   | 283                  | 9                    | 1                    | 1             | 271          | 10 | 568 |
| 93695366                           |  | WELCOME-TEL TAOS HAYK-ET  | 2020<br>USA  | 10.98             | 108               | 103 | 0.04<br>101 | 1.53<br>118 | M -88<br>98                                           | 93 | M -1.0<br>99  | 89 | 0.02<br>101     |   | M 13.0<br>113 | 91 | 0.15<br>121     |   | M -23.0<br>118           | 81 | M -7.4<br>114    | 72 | M 97<br>73 | 61                   | 2                    | 21                   | 1             | 187          | 66 |     |
| 87262168                           |  | WILRA ABS BRANTLEY-ET     | 2016<br>USA  | 11.81             | 106               | 107 | 0.61<br>107 | 0.21<br>103 | M -83<br>98                                           | 84 | M 19.1<br>112 | 78 | 0.21<br>111     |   | M -3.0<br>97  | 80 | 0.00<br>100     |   | M -10.9<br>109           | 77 | M 1.0<br>98      | 73 | M 89<br>75 | 27                   | 6                    | 1                    | 1             | 244          | 22 | 45  |
| Bull Average Herd:<br>Aantal: 27   |                                                                                   |                           |              | 9.48              | 115               | 111 | 0.89        | 0.18        | 177                                                   |    | 13.5          |    | 0.06            |   | 12.5          |    | 0.06            |   | 109.92                   |    | -1.4             |    | 110        |                      |                      |                      |               |              |    |     |
| Bull Average Breed:<br>Aantal: 481 |                                                                                   |                           |              | 9.41              | 111               | 109 | 0.71        | 0.11        | 166                                                   |    | 11.1          |    | 0.04            |   | 9.3           |    | 0.04            |   | 104.22                   |    | 0.3              |    | 109        |                      |                      |                      |               |              |    |     |

# 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 of the Bull's Daughters in this herd and the Average of all the Bull's Daughters reflects the Genetic Levels of the Herd within the Breed

Herd Daughters > All Daughters

Herd Daughters < All Daughters

| Name            |                        | Total Daughters  |                    | Active Daughters |                    | Breeding Values and Selection Indices |           |         |       |       |          |     |           |     |     |     |
|-----------------|------------------------|------------------|--------------------|------------------|--------------------|---------------------------------------|-----------|---------|-------|-------|----------|-----|-----------|-----|-----|-----|
| Regnr           | Country                | Year of Birth    |                    | Year of Birth    |                    | Milk                                  | Butterfat | Protein | BFat% | Prot% | Somatics | ICP | Herd Life | EFI | LMI |     |
|                 |                        | In SA<br>In Milk | In Herd<br>In Milk | In SA<br>In Milk | In Herd<br>In Milk |                                       |           |         |       |       |          |     |           |     |     |     |
| Breed Average : |                        |                  |                    |                  |                    | 100                                   | 103       | 103     | 102   | 104   | 102      | 102 | 103       | 104 | 105 |     |
| Herd Average :  |                        |                  |                    |                  |                    | 103                                   | 105       | 108     | 102   | 106   | 102      | 99  | 102       | 108 | 108 |     |
| 1               | IKEA                   | 2017             | - 2019             | 2017             | - 2019             | Bull EBVi :                           | 96        | 91      | 103   | 95    | 110      | 104 | 111       | 105 | 100 | 99  |
| 84828722        | FRA                    | 36               | 36                 | 4                | 4                  | Herd Daughtetr EBVi :                 | 99        | 92      | 99    | 94    | 100      | 91  | 99        | 99  | 95  | 91  |
|                 |                        | 35               | 35                 | 3                | 3                  | All Daughtetr EBVi :                  | 99        | 92      | 99    | 94    | 100      | 91  | 99        | 99  | 95  | 91  |
| 2               | MOVER P RF             | 2020             | - 2022             | 2020             | - 2022             | Bull EBVi :                           | 102       | 105     | 111   | 103   | 111      | 127 | 128       | 116 | 113 | 123 |
| 90051517        | FRA                    | 35               | 33                 | 12               | 12                 | Herd Daughtetr EBVi :                 | 104       | 103     | 109   | 99    | 104      | 106 | 95        | 98  | 107 | 106 |
|                 |                        | 26               | 26                 | 10               | 10                 | All Daughtetr EBVi :                  | 104       | 103     | 109   | 99    | 104      | 106 | 96        | 98  | 107 | 106 |
| 3               | DE GREDEL 1222 JACKSON | 2014             | - 2020             | 2015             | - 2015             | Bull EBVi :                           | 102       | 96      | 100   | 95    | 97       | 93  | 79        | 88  | 101 | 91  |
| 2013034596      | ZAF                    | 215              | 32                 | 1                | 1                  | Herd Daughtetr EBVi :                 | 101       | 94      | 96    | 94    | 94       | 91  | 82        | 86  | 96  | 86  |
|                 |                        | 78               | 29                 | 1                | 1                  | All Daughtetr EBVi :                  | 99        | 95      | 96    | 96    | 96       | 93  | 87        | 91  | 97  | 90  |
| 4               | FB 8084 ADEBAYO-P-ET   | 2024             | - 2026             | 2024             | - 2026             | Bull EBVi :                           | 108       | 115     | 127   | 106   | 124      | 111 | 99        | 117 | 124 | 126 |
| 936897339       | USA                    | 92               | 31                 | 92               | 31                 | Herd Daughtetr EBVi :                 | 104       | 108     | 115   | 103   | 113      | 106 | 100       | 108 | 113 | 114 |
|                 |                        | 0                | 0                  | 0                | 0                  | All Daughtetr EBVi :                  | 106       | 109     | 117   | 102   | 111      | 107 | 100       | 110 | 115 | 116 |
| 5               | INTACT                 | 2017             | - 2022             | 2019             | - 2022             | Bull EBVi :                           | 107       | 110     | 116   | 102   | 109      | 100 | 87        | 93  | 114 | 109 |
| 83357756        | FRA                    | 28               | 24                 | 7                | 7                  | Herd Daughtetr EBVi :                 | 104       | 106     | 107   | 102   | 102      | 93  | 85        | 89  | 109 | 100 |
|                 |                        | 23               | 21                 | 6                | 6                  | All Daughtetr EBVi :                  | 104       | 105     | 106   | 101   | 101      | 93  | 85        | 89  | 107 | 99  |
| 6               | DELTA LUNAR            | 2021             | - 2024             | 2021             | - 2024             | Bull EBVi :                           | 98        | 105     | 103   | 106   | 107      | 92  | 92        | 104 | 99  | 100 |
| 90702150        | NLD                    | 219              | 23                 | 124              | 15                 | Herd Daughtetr EBVi :                 | 101       | 102     | 104   | 101   | 104      | 93  | 103       | 96  | 103 | 100 |
|                 |                        | 140              | 13                 | 86               | 7                  | All Daughtetr EBVi :                  | 97        | 102     | 100   | 103   | 105      | 94  | 102       | 98  | 100 | 99  |

# 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 of the Bull's Daughters in this herd and the Average of all the Bull's Daughters reflects the Genetic Levels of the Herd within the Breed

Herd Daughters > All Daughters

Herd Daughters < All Daughters

| Name            |                              | Total Daughters  |                    | Active Daughters |                    | Breeding Values and Selection Indices                        |           |         |       |       |          |     |           |     |     |
|-----------------|------------------------------|------------------|--------------------|------------------|--------------------|--------------------------------------------------------------|-----------|---------|-------|-------|----------|-----|-----------|-----|-----|
| Regnr           | Country                      | Year of Birth    |                    | Year of Birth    |                    | Milk                                                         | Butterfat | Protein | BFat% | Prot% | Somatics | ICP | Herd Life | EFI | LMI |
|                 |                              | In SA<br>In Milk | In Herd<br>In Milk | In SA<br>In Milk | In Herd<br>In Milk |                                                              |           |         |       |       |          |     |           |     |     |
| Breed Average : |                              |                  |                    |                  |                    | 100                                                          | 103       | 103     | 102   | 104   | 102      | 102 | 103       | 104 | 105 |
| Herd Average :  |                              |                  |                    |                  |                    | 103                                                          | 105       | 108     | 102   | 106   | 102      | 99  | 102       | 108 | 108 |
| 7               | HADOCK                       | 2017             | - 2021             | 2020             | - 2021             | Bull EBVi : 101 110 117 107 123 114 69 87 107 106            |           |         |       |       |          |     |           |     |     |
| 83357582        | FRA                          | 24               | 17                 | 3                | 3                  | Herd Daughtetr EBVi : 97 100 102 109 100 99 84 100 95        |           |         |       |       |          |     |           |     |     |
|                 |                              | 16               | 16                 | 2                | 2                  | All Daughtetr EBVi : 99 101 103 102 107 100 96 86 101 97     |           |         |       |       |          |     |           |     |     |
| 8               | S-S-I LA RIVETING VEKOMA-ET  | 2022             | - 2024             | 2022             | - 2024             | Bull EBVi : 93 104 89 109 97 115 113 113 96 106              |           |         |       |       |          |     |           |     |     |
| 92193101        | USA                          | 48               | 16                 | 37               | 13                 | Herd Daughtetr EBVi : 97 101 97 104 101 107 102 104 100 102  |           |         |       |       |          |     |           |     |     |
|                 |                              | 37               | 7                  | 29               | 5                  | All Daughtetr EBVi : 99 103 96 103 97 107 102 105 100 104    |           |         |       |       |          |     |           |     |     |
| 9               | WILRA ABS BRANTLEY-ET        | 2020             | - 2023             | 2021             | - 2023             | Bull EBVi : 98 112 97 111 100 109 98 89 107 106              |           |         |       |       |          |     |           |     |     |
| 87262168        | USA                          | 73               | 14                 | 19               | 8                  | Herd Daughtetr EBVi : 100 106 101 105 100 104 97 85 104 101  |           |         |       |       |          |     |           |     |     |
|                 |                              | 27               | 4                  | 2                | 2                  | All Daughtetr EBVi : 99 104 97 104 98 104 99 94 102 101      |           |         |       |       |          |     |           |     |     |
| 10              | DENOVO 17150 BOVEC50-ET      | 2023             | - 2025             | 2023             | - 2025             | Bull EBVi : 100 134 113 128 117 117 111 97 130 133           |           |         |       |       |          |     |           |     |     |
| 93668200        | USA                          | 217              | 13                 | 180              | 13                 | Herd Daughtetr EBVi : 101 119 109 115 110 108 102 96 118 118 |           |         |       |       |          |     |           |     |     |
|                 |                              | 67               | 0                  | 66               | 0                  | All Daughtetr EBVi : 103 118 110 113 108 109 107 99 118 119  |           |         |       |       |          |     |           |     |     |
| 11              | GOLESNIL                     | 2016             | - 2018             | 2017             | - 2018             | Bull EBVi : 107 104 108 98 98 102 110 118 103 111            |           |         |       |       |          |     |           |     |     |
| 82735432        | FRA                          | 48               | 11                 | 3                | 1                  | Herd Daughtetr EBVi : 101 98 98 98 96 92 90 98 98 94         |           |         |       |       |          |     |           |     |     |
|                 |                              | 29               | 9                  | 2                | 0                  | All Daughtetr EBVi : 99 97 96 99 97 95 95 101 97 95          |           |         |       |       |          |     |           |     |     |
| 12              | BPS PANTHER<br>FOXCATCHER-ET | 2020             | - 2025             | 2020             | - 2025             | Bull EBVi : 111 102 115 94 100 113 125 128 107 121           |           |         |       |       |          |     |           |     |     |
| 90092420        | USA                          | 867              | 11                 | 168              | 10                 | Herd Daughtetr EBVi : 105 99 110 95 105 107 113 111 103 109  |           |         |       |       |          |     |           |     |     |
|                 |                              | 344              | 5                  | 158              | 4                  | All Daughtetr EBVi : 106 100 107 96 99 106 112 115 103 110   |           |         |       |       |          |     |           |     |     |
| 13              | DUNHILL                      | 2011             | - 2020             | 2016             | - 2019             | Bull EBVi : 88 105 100 114 121 88 97 95 101 96               |           |         |       |       |          |     |           |     |     |
| 82541848        | FRA                          | 161              | 11                 | 19               | 3                  | Herd Daughtetr EBVi : 96 102 101 105 108 94 90 93 102 97     |           |         |       |       |          |     |           |     |     |
|                 |                              | 151              | 10                 | 19               | 3                  | All Daughtetr EBVi : 87 99 93 109 113 90 98 92 97 91         |           |         |       |       |          |     |           |     |     |

# 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 of the Bull's Daughters in this herd and the Average of all the Bull's Daughters reflects the Genetic Levels of the Herd within the Breed

Herd Daughters > All Daughters

Herd Daughters < All Daughters

| Name            |                              | Total Daughters  |                    | Active Daughters |                    | Breeding Values and Selection Indices |           |                      |       |       |          |     |           |     |     |     |
|-----------------|------------------------------|------------------|--------------------|------------------|--------------------|---------------------------------------|-----------|----------------------|-------|-------|----------|-----|-----------|-----|-----|-----|
| Regnr           | Country                      | Year of Birth    |                    | Year of Birth    |                    | Milk                                  | Butterfat | Protein              | BFat% | Prot% | Somatics | ICP | Herd Life | EFI | LMI |     |
|                 |                              | In SA<br>In Milk | In Herd<br>In Milk | In SA<br>In Milk | In Herd<br>In Milk |                                       |           |                      |       |       |          |     |           |     |     |     |
| Breed Average : |                              |                  |                    |                  |                    | 100                                   | 103       | 103                  | 102   | 104   | 102      | 102 | 103       | 104 | 105 |     |
| Herd Average :  |                              |                  |                    |                  |                    | 103                                   | 105       | 108                  | 102   | 106   | 102      | 99  | 102       | 108 | 108 |     |
| 14              | S-S-I MONTROSS<br>MEGAMAN-ET | 2018             | - 2021             | 2018             | - 2021             | Bull EBVi :                           | 102       | 104                  | 114   | 101   | 114      | 105 | 90        | 94  | 114 | 107 |
|                 |                              | 443              | 9                  | 36               | 2                  | Herd Daughtetr EBVi :                 | 106       | 98                   | 109   | 94    | 101      | 98  | 86        | 93  | 104 | 98  |
|                 |                              | 85949675         | USA                | 283              | 7                  | 33                                    | 1         | All Daughtetr EBVi : | 102   | 100   | 106      | 98  | 105       | 101 | 90  | 99  |
| 15              | LADYS-MANOR OVERVIEW ET      | 2022             | - 2024             | 2024             | - 2024             | Bull EBVi :                           | 90        | 112                  | 100   | 118   | 119      | 133 | 133       | 139 | 101 | 127 |
|                 |                              | 8                | 8                  | 8                | 8                  | Herd Daughtetr EBVi :                 | 99        | 105                  | 102   | 105   | 105      | 107 | 104       | 105 | 102 | 107 |
|                 |                              | 936960780        | USA                | 2                | 2                  | 2                                     | 2         | All Daughtetr EBVi : | 99    | 105   | 102      | 105 | 105       | 107 | 104 | 105 |
| 16              | LIWAY SIL                    | 2019             | - 2023             | 2021             | - 2023             | Bull EBVi :                           | 107       | 111                  | 109   | 104   | 100      | 127 | 110       | 123 | 110 | 125 |
|                 |                              | 27               | 7                  | 8                | 6                  | Herd Daughtetr EBVi :                 | 102       | 111                  | 104   | 107   | 102      | 92  | 96        | 92  | 109 | 104 |
|                 |                              | 90064254         | FRA                | 8                | 7                  | 6                                     | 6         | All Daughtetr EBVi : | 101   | 106   | 103      | 104 | 102       | 101 | 100 | 98  |
| 17              | S-S-I BASIC BOLD-ET          | 2022             | - 2025             | 2022             | - 2025             | Bull EBVi :                           | 88        | 86                   | 85    | 98    | 98       | 107 | 104       | 120 | 87  | 92  |
|                 |                              | 243              | 7                  | 98               | 7                  | Herd Daughtetr EBVi :                 | 100       | 93                   | 97    | 95    | 96       | 102 | 101       | 108 | 95  | 97  |
|                 |                              | 92195536         | USA                | 83               | 1                  | 72                                    | 1         | All Daughtetr EBVi : | 96    | 93    | 94       | 97  | 99        | 102 | 104 | 112 |
| 18              | SANDY-VALLEY TAOS<br>EAST-ET | 2023             | - 2026             | 2023             | - 2026             | Bull EBVi :                           | 126       | 123                  | 136   | 99    | 106      | 94  | 89        | 146 | 134 | 138 |
|                 |                              | 238              | 5                  | 233              | 5                  | Herd Daughtetr EBVi :                 | 114       | 109                  | 120   | 97    | 103      | 94  | 93        | 121 | 116 | 116 |
|                 |                              | 936866474        | USA                | 6                | 0                  | 6                                     | 0         | All Daughtetr EBVi : | 114   | 111   | 120      | 99  | 103       | 99  | 94  | 122 |
| 19              | FAIRMONT RIDGELINE.          | 2021             | - 2024             | 2024             | - 2024             | Bull EBVi :                           | 115       | 103                  | 119   | 91    | 101      | 120 | 94        | 135 | 110 | 122 |
|                 |                              | 284              | 5                  | 5                | 5                  | Herd Daughtetr EBVi :                 | 108       | 110                  | 114   | 102   | 104      | 99  | 92        | 100 | 114 | 111 |
|                 |                              | 93355816         | USA                | 0                | 0                  | 0                                     | 0         | All Daughtetr EBVi : | 109   | 103   | 111      | 96  | 100       | 109 | 95  | 118 |

# COWS

Animals are sorted on farmer number within birth year

\*Inbreeding in red is high

G = Genomic information

R = Reliability

Above breed average

Top 10% of the breed

Bottom 10% of the breed

| Cow                   |                                                                                                       |      |                         | Selection Indices |     |             |              | Estimated Breeding Values (EBV) |               |              |               |              |               |                 |             |                     |             |     | Average Production Values |            |           |            |           |                                   |                | Pedigree |  |  |
|-----------------------|-------------------------------------------------------------------------------------------------------|------|-------------------------|-------------------|-----|-------------|--------------|---------------------------------|---------------|--------------|---------------|--------------|---------------|-----------------|-------------|---------------------|-------------|-----|---------------------------|------------|-----------|------------|-----------|-----------------------------------|----------------|----------|--|--|
| FarmNr<br>Regnr       | Parent<br>Verification                                                                                | Name | % In-<br>breed-<br>ing* | LMI               | LPI | EFI         | BWI          | Milk<br>Index                   | BFat<br>Index | BFat %<br>R  | Prot<br>Index | Prot %<br>R  | Som<br>Index  | Calvnt<br>Index | HLife<br>R  | Test/lact.<br>1 2 3 | Nr.<br>Lact | ICP | Kg<br>Milk                | Kg<br>BFat | %<br>BFat | Kg<br>Prot | %<br>Prot | Sire<br>Dam                       | Dam<br>BirthYr |          |  |  |
| Active Breed Average: |                                                                                                       |      | 8.73                    | 105               | 104 | 0.37        | -0.15        | 26                              | 5.2           | 0.04         | 4.1           | 0.03         | 102           | -0.8            | 103         |                     |             |     |                           |            |           |            |           |                                   |                |          |  |  |
|                       |                                                                                                       |      |                         |                   |     |             |              | Year of Birth : 2015            |               |              |               |              |               |                 |             |                     |             |     |                           |            |           |            |           |                                   |                |          |  |  |
| 1519<br>84170893      | 1519                                                                                                  |      | 6.65                    | 104               | 107 | 0.76<br>109 | -0.26<br>97  | -229<br>94                      | 22.0<br>53    | 0.29<br>113  | -4.6<br>96    | 0.03<br>51   | 0.5<br>104    | 4.8<br>36       | 93<br>22    | 7 7 5               | 6           | 401 | 11630                     | 500        | 4.3       | 366        | 3.2       | DE GRENDEL 1222 JACKSON<br>1214   | 2012           |          |  |  |
|                       |                                                                                                       |      |                         |                   |     |             |              | Year of Birth : 2017            |               |              |               |              |               |                 |             |                     |             |     |                           |            |           |            |           |                                   |                |          |  |  |
| 17115<br>85580546     | 17115                                                                                                 |      | 8.13                    | 90                | 90  | -0.66<br>92 | -0.49<br>94  | -68<br>98                       | -25.3<br>33   | -0.21<br>85  | 7.1<br>107    | 0.09<br>31   | 6.1<br>95     | -1.7<br>113     | 98<br>21    |                     | 0           |     |                           |            |           |            |           | IKEA<br>1329                      | 2013           |          |  |  |
| 1714<br>936850635     | TUKS 1714                                                                                             |      | 6.36                    | 94                | 94  | -0.49<br>94 | -0.05<br>99  | -118<br>97                      | -8.0<br>19    | -0.03<br>95  | -6.3<br>98    | -0.02<br>97  | 3.8<br>97     | 3.0<br>13       | 105<br>94   |                     | 0           |     |                           |            |           |            |           | GOLESNIL                          |                |          |  |  |
| 1745<br>86583358      | 1745                                                                                                  |      | 7.21                    | 96                | 100 | 0.21<br>103 | -0.84<br>90  | -86<br>98                       | 1.7<br>52     | 0.05<br>101  | -1.0<br>44    | 0.02<br>103  | 20.7<br>84    | -2.1<br>28      | 96<br>104   | 6                   | 1           | 0   | 8539                      | 361        | 4.2       | 262        | 3.1       | IKEA<br>1510                      | 2015           |          |  |  |
|                       |                                                                                                       |      |                         |                   |     |             |              | Year of Birth : 2018            |               |              |               |              |               |                 |             |                     |             |     |                           |            |           |            |           |                                   |                |          |  |  |
| 1835<br>89420715      |  1835                |      | 8.51                    | 101               | 101 | 0.17<br>102 | -0.81<br>90  | G 433<br>111                    | G -7.6<br>79  | -0.22<br>96  | G 8.3<br>78   | -0.06<br>108 | G 13.2<br>91  | G 2.4<br>90     | G 113<br>76 | 5 6 6               | 6           | 393 | 10399                     | 437        | 4.2       | 324        | 3.1       | IKEA<br>1621                      | 2016           |          |  |  |
|                       |                                                                                                       |      |                         |                   |     |             |              | Year of Birth : 2019            |               |              |               |              |               |                 |             |                     |             |     |                           |            |           |            |           |                                   |                |          |  |  |
| 1904<br>88324553      |  1904 IKEA           |      | 8.36                    | 90                | 82  | -1.47<br>82 | -0.10<br>99  | G -319<br>92                    | G -35.7<br>80 | -0.22<br>79  | G -3.1<br>78  | 0.07<br>97   | G 10.1<br>110 | G 11.1<br>92    | G 126<br>75 | 6 6 6               | 6           | 368 | 8761                      | 369        | 4.2       | 317        | 3.6       | IKEA<br>1705                      | 2017           |          |  |  |
| 1917<br>88719117      |  1917 INTACT         |      | 5.68                    | 117               | 123 | 1.64<br>120 | -0.01<br>100 | G 1099<br>129                   | G 26.5<br>79  | -0.15<br>116 | G 16.3<br>77  | -0.17<br>92  | G 6.8<br>116  | G 8.3<br>75     | G 103<br>74 | 8 5                 | 4           | 461 | 12316                     | 476        | 3.9       | 389        | 3.2       | INTACT<br>1606                    | 2016           |          |  |  |
| 1919<br>88719158      |  1919              |      | 6.33                    | 105               | 117 | 1.64<br>120 | -1.53<br>82  | G 581<br>115                    | G 20.8<br>80  | -0.02<br>113 | G 14.9<br>77  | -0.04<br>99  | G 6.9<br>115  | G 19.5<br>75    | G 81<br>74  | 5                   | 3           | 562 | 10321                     | 473        | 4.6       | 380        | 3.7       | INTACT<br>1614                    | 2016           |          |  |  |
| 1938<br>89343669      |  1938 DUNHILL      |      | 6.70                    | 110               | 109 | 0.70<br>108 | 0.71<br>109  | G -36<br>99                     | G 15.2<br>80  | 0.16<br>109  | G 8.7<br>78   | 0.09<br>113  | G -8.2<br>106 | G 1.5<br>107    | G 103<br>74 | 5 6                 | 5           | 365 | 9651                      | 492        | 5.1       | 334        | 3.5       | DUNHILL<br>1734                   | 2017           |          |  |  |
| 1940<br>89343685      |  1940 DUNHILL      |      | 6.27                    | 79                | 81  | -1.56<br>81 | 0.03<br>100  | G -345<br>91                    | G -30.3<br>79 | -0.16<br>82  | G -11.8<br>78 | 0.00<br>100  | G -0.1<br>100 | G 6.9<br>75     | G 96<br>74  | 6 6 5               | 4           | 402 | 10105                     | 445        | 4.4       | 341        | 3.4       | DUNHILL<br>1536                   | 2015           |          |  |  |
| 1945<br>93428464      |  TUKS 1945 DUNHILL |      | 8.78                    | 103               | 110 | 0.91<br>111 | 0.02<br>100  | G -81<br>98                     | G 21.2<br>80  | 0.23<br>113  | G 3.1<br>78   | 0.05<br>107  | G 26.3<br>80  | G 3.2<br>75     | G 100<br>74 | 3 5                 | 3           | 633 | 9833                      | 468        | 4.8       | 336        | 3.4       | DUNHILL<br>1745                   | 2017           |          |  |  |
|                       |                                                                                                       |      |                         |                   |     |             |              | Year of Birth : 2020            |               |              |               |              |               |                 |             |                     |             |     |                           |            |           |            |           |                                   |                |          |  |  |
| 20015<br>90406455     |  20015             |      | 8.61                    | 101               | 101 | 0.47<br>106 | -1.42<br>83  | G -332<br>91                    | G 6.2<br>80   | 0.19<br>104  | G -1.5<br>77  | 0.09<br>113  | G -5.1<br>104 | G 2.3<br>75     | G 94<br>74  | 3 4 6               | 5           | 357 | 9935                      | 456        | 4.6       | 330        | 3.3       | MOVER P RF<br>1817                | 2018           |          |  |  |
| 20021<br>90455262     |  20021             |      | 6.90                    | 105               | 112 | 0.96<br>112 | 0.01<br>100  | G 565<br>115                    | G 5.6<br>81   | -0.15<br>103 | G 22.4<br>78  | 0.03<br>92   | G -5.0<br>104 | G 13.8<br>76    | G 87<br>75  | 4 5 8               | 3           | 503 | 10241                     | 462        | 4.5       | 363        | 3.6       | S-S-I MONTROSS MEGAMAN-ET<br>1602 | 2016           |          |  |  |
| 20024<br>90581711     |  TUKS 20024        |      | 7.07                    | 104               | 106 | 0.79<br>109 | -1.33<br>84  | G 180<br>105                    | G 7.7<br>81   | 0.00<br>105  | G 5.9<br>78   | 0.00<br>100  | G 1.1<br>99   | G 5.2<br>75     | G 96<br>74  | 5                   | 4           | 387 | 10935                     | 496        | 4.5       | 371        | 3.4       | MOVER P RF<br>1822                | 2018           |          |  |  |
| 20031<br>936849207    |  TUKS 20031        |      | 6.30                    | 98                | 107 | 0.57<br>107 | 0.45<br>105  | G -65<br>98                     | G 14.5<br>75  | 0.16<br>109  | G 3.2<br>75   | 0.05<br>107  | G 6.2<br>95   | G 10.6<br>74    | G 84<br>74  | 8                   | 3           | 423 | 10099                     | 499        | 5.0       | 364        | 3.6       | INTACT<br>1731                    | 2017           |          |  |  |

# COWS

Animals are sorted on farmer number within birth year

\*Inbreeding in red is high

G = Genomic information

R = Reliability

Above breed average

Top 10% of the breed

Bottom 10% of the breed

| Cow                   |                        |                      |                    | Selection Indices    |     |             |              | Estimated Breeding Values (EBV) |               |                 |               |                 |                |                  |                |                     |             |     |            |            | Average Production Values |            |           |                    |                                   |                    |      | Pedigree |  |
|-----------------------|------------------------|----------------------|--------------------|----------------------|-----|-------------|--------------|---------------------------------|---------------|-----------------|---------------|-----------------|----------------|------------------|----------------|---------------------|-------------|-----|------------|------------|---------------------------|------------|-----------|--------------------|-----------------------------------|--------------------|------|----------|--|
| FarmNr<br>Regnr       | Parent<br>Verification | Name                 | % In-<br>breeding* | LMI                  | LPI | EFI         | BWI          | Milk<br>Index                   | BFat<br>Index | BFat %<br>Index | Prot<br>Index | Prot %<br>Index | Som<br>Index   | CalvInt<br>Index | HLife<br>Index | Test/lact.<br>1 2 3 | Nr.<br>Lact | ICP | Kg<br>Milk | Kg<br>BFat | %<br>BFat                 | Kg<br>Prot | %<br>Prot | Sire<br>Dam        | Dam<br>BirthYr                    |                    |      |          |  |
| Active Breed Average: |                        |                      | 8.73               | 105                  | 104 | 0.37        | -0.15        | 26                              | 5.2           | 0.04            | 4.1           | 0.03            | 102            | -0.8             | 103            |                     |             |     |            |            |                           |            |           |                    |                                   |                    |      |          |  |
| 20033<br>91500744     |                        | 20033MOVER           | 6.32               | 113                  | 113 | 1.15<br>114 | -0.45<br>95  | 240<br>106                      | 19.6<br>51    | 0.09<br>112     | 8.8<br>42     | 0.01<br>105     | -5.7<br>109    | 0.0<br>46        | 101<br>101     | 5<br>7              | 4           | 394 | 9692       | 448        | 4.6                       | 338        | 3.5       | MOVER P RF<br>1609 | 2016                              |                    |      |          |  |
| 20033<br>936849215    |                        | TUKS 20033           | 6.32               | 124                  | 123 | 1.76<br>121 | 0.40<br>105  | G 540<br>114                    | G 30.3<br>75  | 0.08<br>118     | G 20.8<br>75  | 0.02<br>103     | G -9.8<br>108  | G -0.4<br>74     | G 104<br>74    |                     | 1           | 0   | 10852      | 475        | 4.4                       | 327        | 3.0       | MOVER P RF<br>1609 | 2016                              |                    |      |          |  |
|                       |                        |                      |                    | Year of Birth : 2021 |     |             |              |                                 |               |                 |               |                 |                |                  |                |                     |             |     |            |            |                           |            |           |                    |                                   |                    |      |          |  |
| 21003<br>936850569    |                        | TUKS 21003           | 6.06               | 100                  | 106 | 0.53<br>106 | -0.06<br>99  | G 118<br>103                    | G 1.8<br>78   | -0.03<br>101    | G 14.2<br>76  | 0.09<br>98      | G 8.5<br>114   | G 2.8<br>74      | G 87<br>74     | 6                   | 8           | 4   | 379        | 10142      | 435                       | 4.3        | 360       | 3.6                | HADOCK<br>1838                    | 2018               |      |          |  |
| 21004<br>936876341    |                        | TUKS 21004           | 7.32               | 111                  | 106 | 0.72<br>109 | -0.94<br>89  | G 100<br>103                    | G 5.0<br>80   | 0.01<br>103     | G 10.4<br>78  | 0.07<br>100     | G -20.9<br>110 | G -3.8<br>75     | G 97<br>74     | 6                   | 8           | 3   | 379        | 8810       | 395                       | 4.5        | 316       | 3.6                | MOVER P RF<br>1744                | 2017               |      |          |  |
| 21006<br>936849223    |                        | TUKS 21006           | 5.84               | 108                  | 118 | 1.66<br>120 | -0.65<br>92  | 178<br>105                      | 30.6<br>52    | 0.21<br>119     | 10.4<br>42    | 0.04<br>111     | 9.0<br>110     | 8.1<br>46        | 78<br>106      | 6                   |             | 2   | 363        | 10162      | 443                       | 4.4        | 341       | 3.4                | HADOCK<br>1804                    | 2018               |      |          |  |
| 21008<br>91934992     |                        | TUKS 21008 MOVER     | 7.84               | 102                  | 99  | -0.26<br>97 | 0.65<br>108  | G 38<br>101                     | G -1.4<br>77  | -0.03<br>99     | G -3.0<br>77  | -0.04<br>98     | G -25.9<br>97  | G 4.4<br>76      | G 100<br>74    | 6                   | 6           | 3   | 407        | 10056      | 435                       | 4.3        | 305       | 3.0                | MOVER P RF<br>1327                | 2013               |      |          |  |
| 21019<br>91950428     |                        | TUKS 21019INTACT     | 5.99               | 116                  | 120 | 1.62<br>119 | 0.74<br>109  | G 82<br>102                     | G 40.4<br>78  | 0.34<br>77      | G 6.4<br>118  | 0.03<br>106     | G 2.8<br>77    | G 5.2<br>77      | G 95<br>74     | 5                   | 3           | 3   | 422        | 9895       | 493                       | 5.0        | 332       | 3.4                | INTACT<br>1519                    | 2015               |      |          |  |
| 21020<br>91970491     |                        | TUKS 21020MOVER      | 6.79               | 117                  | 125 | 1.57<br>119 | 2.16<br>126  | G 542<br>114                    | G 37.3<br>79  | 0.14<br>123     | G 17.1<br>78  | -0.01<br>107    | G 4.6<br>98    | G 6.5<br>75      | G 94<br>74     | 5                   | 5           | 7   | 4          | 358        | 9888                      | 446        | 4.5       | 314                | 3.2                               | MOVER P RF<br>1814 | 2018 |          |  |
| 21023<br>936876259    |                        | TUKS 21023           | 8.52               | 114                  | 106 | 0.66<br>108 | -0.77<br>91  | G 428<br>111                    | G -3.0<br>79  | -0.18<br>98     | G 18.5<br>78  | 0.04<br>118     | G -14.6<br>106 | G -3.3<br>76     | G 116<br>76    | 7                   | 3           | 3   | 446        | 9843       | 419                       | 4.3        | 334       | 3.4                | BPS PANTHER FOXCATCHER-ET<br>1913 | 2019               |      |          |  |
| 21024<br>936876333    |                        | TUKS 21024           | 8.25               | 104                  | 97  | -0.15<br>98 | -0.48<br>94  | 94<br>102                       | -13.2<br>50   | -0.15<br>42     | 8.1<br>92     | 0.05<br>108     | -15.7<br>45    | -4.3<br>107      | 110<br>31      | 7                   | 5           | 3   | 390        | 8744       | 372                       | 4.3        | 297       | 3.4                | BPS PANTHER FOXCATCHER-ET<br>1923 | 2019               |      |          |  |
| 21026<br>936876267    |                        | TUKS 21026           | 8.34               | 95                   | 96  | -0.51<br>94 | 1.32<br>116  | G -126<br>97                    | G -12.1<br>79 | -0.07<br>93     | G 7.7<br>79   | 0.11<br>96      | G 10.7<br>108  | G -5.0<br>77     | G 101<br>75    | 7                   | 4           | 3   | 412        | 10259      | 427                       | 4.2        | 340       | 3.3                | BPS PANTHER FOXCATCHER-ET<br>1914 | 2019               |      |          |  |
| 21027<br>936876275    |                        | TUKS 21027           | 6.98               | 109                  | 101 | 0.40<br>105 | -1.26<br>85  | G 16<br>100                     | G 1.1<br>79   | 0.00<br>101     | G 2.5<br>79   | 0.02<br>103     | G -12.0<br>103 | G -8.9<br>77     | G 109<br>75    | 8                   |             | 3   | 407        | 9133       | 406                       | 4.5        | 313       | 3.4                | BPS PANTHER FOXCATCHER-ET<br>1931 | 2019               |      |          |  |
| 21038<br>92965052     |                        | TUKS 21038 LIWAY SIL | 9.81               | 94                   | 97  | -0.37<br>96 | 0.53<br>106  | G -110<br>97                    | G -0.9<br>77  | 0.03<br>100     | G -7.4<br>76  | -0.04<br>102    | G 9.9<br>93    | G -1.7<br>74     | G 96<br>74     | 5                   | 7           | 3   | 365        | 7803       | 380                       | 4.9        | 270       | 3.5                | LIWAY SIL<br>1916                 | 2019               |      |          |  |
| 21041<br>92965086     |                        | TUKS 21041 MOVER     | 7.55               | 107                  | 101 | 0.21<br>103 | -0.27<br>97  | -44<br>99                       | -4.2<br>48    | -0.03<br>98     | 10.7<br>111   | 0.11<br>45      | -8.2<br>116    | -3.7<br>106      | 115<br>24      | 5                   | 7           | 2   | 351        | 9347       | 431                       | 4.6        | 334       | 3.6                | MOVER P RF<br>1904                | 2019               |      |          |  |
|                       |                        |                      |                    | Year of Birth : 2022 |     |             |              |                                 |               |                 |               |                 |                |                  |                |                     |             |     |            |            |                           |            |           |                    |                                   |                    |      |          |  |
| 22001<br>92965102     |                        | TUKS 22001           | 7.13               | 107                  | 101 | 0.19<br>102 | -0.59<br>93  | G 103<br>103                    | G -6.5<br>75  | -0.10<br>95     | G 9.8<br>110  | 0.06<br>109     | G -8.4<br>107  | G -4.8<br>74     | G 115<br>74    | 7                   |             | 3   | 381        | 7604       | 380                       | 5.0        | 278       | 3.7                | MOVER P RF<br>1939                | 2019               |      |          |  |
| 22002<br>93024479     |                        | TUKS 22002 LIWAY     | 8.75               | 110                  | 115 | 1.19<br>114 | 0.26<br>103  | 294<br>108                      | 21.6<br>43    | 0.08<br>113     | 12.0<br>41    | 0.02<br>104     | 2.6<br>112     | 5.4<br>41        | 94<br>16       | 5                   | 8           | 3   | 395        | 10253      | 481                       | 4.7        | 350       | 3.4                | LIWAY SIL<br>1726                 | 2017               |      |          |  |
| 22003<br>93069854     |                        | TUKS 22003 LIWAY     | 7.18               | 95                   | 102 | -0.22<br>97 | 1.65<br>120  | G 205<br>105                    | G -2.2<br>75  | -0.10<br>99     | G 5.7<br>75   | -0.01<br>95     | G 19.3<br>85   | G -0.5<br>74     | G 94<br>74     | 8                   |             | 3   | 394        | 9079       | 380                       | 4.2        | 308       | 3.4                | LIWAY SIL<br>1516                 | 2015               |      |          |  |
| 22004<br>93266088     |                        | TUKS 22004 INTACT    | 8.01               | 115                  | 117 | 1.45<br>117 | -0.02<br>100 | 437<br>111                      | 21.1<br>48    | 0.03<br>113     | 19.1<br>42    | 0.04<br>102     | -7.3<br>119    | 7.8<br>45        | 98<br>19       | 5                   | 7           | 2   | 419        | 10371      | 462                       | 4.5        | 354       | 3.4                | INTACT<br>1938                    | 2019               |      |          |  |
| 22006<br>93335701     |                        | TUKS 22006 LIWAY     | 10.02              | 103                  | 107 | 0.68<br>108 | 0.31<br>104  | -376<br>90                      | 21.6<br>45    | 0.35<br>38      | -1.9<br>118   | 0.10<br>98      | 0.8<br>41      | 0.4<br>114       | 87<br>12       | 5                   | 7           | 2   | 370        | 8778       | 422                       | 4.8        | 297       | 3.4                | LIWAY SIL<br>20005                | 2020               |      |          |  |

# COWS

Animals are sorted on farmer number within birth year

\*Inbreeding in red is high

G = Genomic information

R = Reliability

Above breed average

Top 10% of the breed

Bottom 10% of the breed

| Cow                   |                                                                                     |                      |                         | Selection Indices |     |              |              | Estimated Breeding Values (EBV) |                 |                 |                  |                 |                  |                  |                |                     |             |     |            | Average Production Values |           |            |           |                                      |                |  |  | Pedigree |  |
|-----------------------|-------------------------------------------------------------------------------------|----------------------|-------------------------|-------------------|-----|--------------|--------------|---------------------------------|-----------------|-----------------|------------------|-----------------|------------------|------------------|----------------|---------------------|-------------|-----|------------|---------------------------|-----------|------------|-----------|--------------------------------------|----------------|--|--|----------|--|
| FarmNr<br>Regnr       | Parent<br>Verification                                                              | Name                 | % In-<br>breed-<br>ing* | LMI               | LPI | EFI          | BWI          | Milk<br>Index                   | BFat<br>Index   | BFat %<br>Index | Prot<br>Index    | Prot %<br>Index | Som<br>Index     | CalvInt<br>Index | HLife<br>R     | Test/lact.<br>1 2 3 | Nr.<br>Lact | ICP | Kg<br>Milk | Kg<br>BFat                | %<br>BFat | Kg<br>Prot | %<br>Prot | Sire<br>Dam                          | Dam<br>BirthYr |  |  |          |  |
| Active Breed Average: |                                                                                     |                      | 8.73                    | 105               | 104 | 0.37         | -0.15        | 26                              | 5.2             | 0.04            | 4.1              | 0.03            | 102              | -0.8             | 103            |                     |             |     |            |                           |           |            |           |                                      |                |  |  |          |  |
| 22007<br>93335685     |    | TUKS 22007 MOVER     | 6.54                    | 97                | 99  | 0.27<br>103  | -1.71<br>79  | G 74<br>102 79                  | G10.6<br>94 77  | -0.13<br>93     | G 10.2<br>110 78 | 0.07<br>110     | G 11.0<br>91 75  | G 4.7<br>91 74   | G 106<br>74 74 | 5 7                 | 3           | 346 | 9293       | 412                       | 4.4       | 331        | 3.6       | MOVER P RF<br>1725                   | 2017           |  |  |          |  |
| 22009<br>93428480     |                                                                                     | TUKS 22009 LIWAY SIL | 9.19                    | 111               | 119 | 1.51<br>118  | 0.67<br>108  | 96<br>102 46                    | 37.5<br>123 40  | 0.31<br>116     | 6.0<br>106 43    | 0.02<br>103     | 19.8<br>85 26    | 3.6<br>93 13     | 95<br>17       | 6 7                 | 2           | 416 | 9940       | 478                       | 4.8       | 328        | 3.3       | LIWAY SIL<br>1945                    | 2019           |  |  |          |  |
| 22011<br>93386704     |                                                                                     | TUKS 22011 MIGNON    | 7.47                    | 102               | 101 | 0.21<br>103  | -0.60<br>93  | 75<br>102 48                    | -3.9<br>98 41   | -0.07<br>96     | 7.2<br>107 45    | 0.04<br>106     | -9.3<br>107 23   | -0.3<br>100 10   | 95<br>16       | 5 7                 | 2           | 335 | 8598       | 392                       | 4.6       | 295        | 3.4       | MOVER P RF<br>1901                   | 2019           |  |  |          |  |
| 22013<br>93472884     |                                                                                     | TUKS 22013 INTACT    | 7.05                    | 94                | 96  | -0.17<br>98  | -1.13<br>86  | 42<br>101 38                    | -7.5<br>96 37   | -0.08<br>96     | -4.2<br>96 37    | -0.05<br>93     | 14.3<br>89 24    | 0.8<br>98 13     | 102<br>17      | 6                   | 2           | 347 | 8587       | 365                       | 4.3       | 272        | 3.2       | INTACT<br>1905                       | 2019           |  |  |          |  |
| 22016<br>93646206     |                                                                                     | TUKS 22016 VEKOMO    | 9.18                    | 98                | 97  | -0.28<br>97  | -0.32<br>96  | 76<br>102 49                    | -8.4<br>95 42   | -0.11<br>94     | -1.0<br>99 46    | -0.03<br>96     | -4.7<br>104 28   | -0.6<br>101 13   | 101<br>20      | 5 7                 | 2           | 331 | 8708       | 373                       | 4.3       | 287        | 3.3       | S-S-I LA RIVETING VEKOMA-ET<br>20008 | 2020           |  |  |          |  |
| 22019<br>936965748    |                                                                                     | TUKS 22019           | 7.84                    | 99                | 102 | 0.04<br>101  | 0.70<br>108  | -124<br>97 48                   | 5.6<br>103 41   | 0.10<br>105     | -0.7<br>99 44    | 0.03<br>104     | -10.4<br>108 26  | 2.7<br>95 12     | 85<br>18       | 5 8                 | 2           | 381 | 8151       | 363                       | 4.5       | 277        | 3.4       | WILRA ABS BRANTLEY-ET<br>1943        | 2019           |  |  |          |  |
| 22027<br>936795111    |                                                                                     | TUKS 22027VEKOMA     | 7.90                    | 100               | 98  | -0.05<br>100 | -0.35<br>96  | -272<br>93 33                   | 3.9<br>102 30   | 0.14<br>107     | -8.3<br>92 31    | 0.01<br>101     | -9.9<br>108 20   | 2.6<br>95 10     | 101<br>17      | 6                   | 2           | 388 | 9183       | 422                       | 4.6       | 313        | 3.4       | S-S-I LA RIVETING VEKOMA-ET<br>1928  | 2019           |  |  |          |  |
| 22029<br>936799808    |                                                                                     | TUKS 22029 LUNAR     | 7.50                    | 102               | 103 | 0.17<br>102  | 0.15<br>102  | 203<br>105 52                   | 3.6<br>102 47   | -0.04<br>98     | 1.2<br>101 50    | -0.05<br>93     | -0.6<br>101 34   | -3.6<br>107 19   | 91<br>23       | 6 5                 | 2           | 342 | 8082       | 353                       | 4.4       | 258        | 3.2       | DELTA LUNAR<br>1622                  | 2016           |  |  |          |  |
| 22037<br>936842335    |                                                                                     | TUKS 22037           | 8.03                    | 93                | 89  | -0.96<br>89  | -0.03<br>100 | -256<br>93 50                   | -14.2<br>92 44  | -0.04<br>98     | -13.7<br>87 47   | -0.05<br>93     | -0.8<br>101 27   | -4.6<br>109 10   | 109<br>17      | 7 3                 | 2           | 448 | 6804       | 302                       | 4.4       | 226        | 3.3       | S-S-I LA RIVETING VEKOMA-ET<br>1735  | 2017           |  |  |          |  |
| 22062<br>936795137    |                                                                                     | TUKS 22062           | 7.31                    | 107               | 113 | 1.04<br>113  | 0.27<br>103  | 384<br>110 52                   | 10.9<br>107 46  | -0.04<br>98     | 21.0<br>120 49   | 0.08<br>111     | 5.1<br>96 34     | 6.6<br>87 19     | 92<br>26       | 6                   | 2           | 473 | 9378       | 398                       | 4.3       | 336        | 3.6       | DELTA LUNAR<br>20021                 | 2020           |  |  |          |  |
|                       |                                                                                     |                      |                         |                   |     |              |              | Year of Birth : 2023            |                 |                 |                  |                 |                  |                  |                |                     |             |     |            |                           |           |            |           |                                      |                |  |  |          |  |
| 23001<br>936842343    |                                                                                     | TUKS 23001 FF TWIN   | 7.99                    | 101               | 103 | 0.23<br>103  | -0.14<br>98  | 176<br>105 32                   | 0.4<br>100 31   | -0.06<br>97     | 5.5<br>105 31    | 0.00<br>100     | 12.7<br>90 25    | 0.5<br>99 16     | 105<br>24      |                     | 2           | 457 | 8258       | 349                       | 4.2       | 275        | 3.3       | DELTA LUNAR<br>1835                  | 2018           |  |  |          |  |
| 23002<br>936842350    |                                                                                     | TUKS 23002 FF TWIN   | 7.99                    | 101               | 103 | 0.23<br>103  | -0.14<br>98  | 176<br>105 32                   | 0.4<br>100 31   | -0.06<br>97     | 5.5<br>105 31    | 0.00<br>100     | 12.7<br>90 25    | 1.5<br>97 16     | 105<br>24      |                     | 2           | 429 | 9463       | 420                       | 4.4       | 307        | 3.3       | DELTA LUNAR<br>1835                  | 2018           |  |  |          |  |
| 23003<br>936842368    |                                                                                     | TUKS 23003           | 7.34                    | 100               | 105 | 0.53<br>106  | -0.56<br>93  | -44<br>99 44                    | 8.5<br>105 42   | 0.09<br>105     | 3.0<br>103 42    | 0.04<br>106     | 21.1<br>84 31    | 1.7<br>97 16     | 102<br>24      | 7 3                 | 2           | 337 | 8491       | 387                       | 4.6       | 296        | 3.5       | DELTA LUNAR<br>1826                  | 2018           |  |  |          |  |
| 23007<br>936876366    |                                                                                     | TUKS 23007           | 8.15                    | 102               | 106 | 0.36<br>104  | 0.64<br>108  | -53<br>99 31                    | 14.4<br>109 27  | 0.15<br>108     | -2.4<br>98 28    | -0.01<br>98     | 0.4<br>100 18    | 2.0<br>96 11     | 91<br>17       |                     | 2           | 419 | 7684       | 354                       | 4.6       | 267        | 3.5       | WILRA ABS BRANTLEY-ET<br>1737        | 2017           |  |  |          |  |
| 23008<br>936876374    |                                                                                     | TUKS 23008           | 8.39                    | 95                | 85  | -1.26<br>85  | 0.33<br>104  | -289<br>92 49                   | -24.0<br>86 43  | -0.12<br>94     | -8.5<br>92 46    | 0.01<br>101     | -12.7<br>110 26  | -7.5<br>114 9    | 119<br>16      | 6                   | 2           | 332 | 8733       | 359                       | 4.1       | 303        | 3.5       | S-S-I LA RIVETING VEKOMA-ET<br>1904  | 2019           |  |  |          |  |
| 23011<br>936892215    |                                                                                     | TUKS 23011LUNAR      | 6.42                    | 96                | 95  | -0.39<br>95  | -0.26<br>97  | -141<br>96 47                   | -8.6<br>95 41   | -0.03<br>98     | -3.3<br>97 44    | 0.01<br>101     | 9.8<br>92 28     | -4.6<br>109 13   | 107<br>21      | 7                   | 2           | 342 | 7432       | 348                       | 4.7       | 257        | 3.5       | DELTA LUNAR<br>1725                  | 2017           |  |  |          |  |
| 23012<br>936892223    |                                                                                     | TUKS 23012LUNAR      | 7.12                    | 96                | 100 | 0.06<br>101  | -0.44<br>95  | 146<br>104 52                   | -8.2<br>95 46   | -0.13<br>93     | 8.7<br>109 49    | 0.04<br>106     | 9.6<br>93 34     | -0.6<br>101 18   | 93<br>26       | 8                   | 1           | 0   | 7561       | 332                       | 4.4       | 262        | 3.5       | DELTA LUNAR<br>20008                 | 2020           |  |  |          |  |
| 23014<br>936898642    |  | TUKS 23014 VECOMO    | 8.09                    | 115               | 110 | 0.98<br>112  | -0.47<br>94  | G 128<br>103 80                 | G18.2<br>111 78 | 0.12<br>106     | G 5.2<br>105 79  | 0.01<br>101     | G-13.0<br>110 75 | G 3.4<br>93 74   | G 113<br>74 74 | 4                   | 1           | 0   | 7063       | 315                       | 4.5       | 249        | 3.5       | S-S-I LA RIVETING VEKOMA-ET<br>21015 | 2021           |  |  |          |  |
| 23016<br>936900877    |                                                                                     | TUKS 23016BRANTLEY   | 8.24                    | 107               | 109 | 0.70<br>108  | 0.39<br>105  | 83<br>102 32                    | 14.7<br>109 27  | 0.10<br>105     | 6.7<br>107 28    | 0.04<br>106     | -9.0<br>107 19   | 2.9<br>94 11     | 90<br>19       | 6                   | 1           | 0   | 6641       | 277                       | 4.2       | 209        | 3.1       | WILRA ABS BRANTLEY-ET<br>1947        | 2019           |  |  |          |  |
| 23017<br>936905058    |                                                                                     | TUKS 23017 LUNAR     | 8.37                    | 107               | 105 | 0.47<br>106  | -0.12<br>99  | 173<br>104 33                   | 2.7<br>102 31   | -0.04<br>98     | 10.6<br>110 32   | 0.05<br>107     | -1.2<br>101 27   | -3.8<br>107 17   | 104<br>23      |                     | 1           | 0   | 9283       | 388                       | 4.2       | 318        | 3.4       | DELTA LUNAR<br>21023                 | 2021           |  |  |          |  |
| 23018<br>936905066    |                                                                                     | TUKS 23018 LUNAR     | 7.24                    | 96                | 95  | -0.26<br>97  | -0.43<br>95  | -104<br>97 37                   | -9.9<br>94 35   | -0.05<br>97     | 0.8<br>101 36    | 0.04<br>106     | 16.8<br>87 27    | -9.0<br>117 16   | 103<br>24      | 7                   | 1           | 0   | 8043       | 351                       | 4.4       | 257        | 3.2       | DELTA LUNAR<br>1828                  | 2018           |  |  |          |  |

# COWS

Animals are sorted on farmer number within birth year

\*Inbreeding in red is high

G = Genomic information

R = Reliability

Above breed average

Top 10% of the breed

Bottom 10% of the breed

| Cow                                  |                        |      |                    | Selection Indices |     |              |              | Estimated Breeding Values (EBV) |               |                 |               |                 |               |                  |             |                     |             | Average Production Values |            |            |           |            |           |                                       | Pedigree       |  |
|--------------------------------------|------------------------|------|--------------------|-------------------|-----|--------------|--------------|---------------------------------|---------------|-----------------|---------------|-----------------|---------------|------------------|-------------|---------------------|-------------|---------------------------|------------|------------|-----------|------------|-----------|---------------------------------------|----------------|--|
| FarmNr<br>Regnr                      | Parent<br>Verification | Name | % In-<br>breeding* | LMI               | LPI | EFI          | BWI          | Milk<br>Index                   | BFat<br>Index | BFat %<br>Index | Prot<br>Index | Prot %<br>Index | Som<br>Index  | CalvInt<br>Index | HLife<br>R  | Test/lact.<br>1 2 3 | Nr.<br>Lact | ICP                       | Kg<br>Milk | Kg<br>BFat | %<br>BFat | Kg<br>Prot | %<br>Prot | Sire<br>Dam                           | Dam<br>BirthYr |  |
| Active Breed Average:                |                        |      | 8.73               | 105               | 104 | 0.37         | -0.15        | 26                              | 5.2           | 0.04            | 4.1           | 0.03            | 102           | -0.8             | 103         |                     |             |                           |            |            |           |            |           |                                       |                |  |
| 23019<br>936918085                   | TUKS 23019             |      | 7.47               | 103               | 105 | 0.36<br>104  | 0.45<br>105  | 143<br>104                      | 6.2<br>47     | 0.00<br>100     | 5.9<br>106    | 0.01<br>101     | -3.4<br>103   | -0.5<br>14       | 91<br>23    | 4                   | 1           | 0                         | 7594       | 326        | 4.3       | 264        | 3.5       | DELTA LUNAR<br>21031                  | 2021           |  |
| 23021<br>936932839                   | TUKS 23021LIWAY        |      | 10.52              | 101               | 105 | 0.38<br>105  | 0.26<br>103  | -18<br>100                      | 9.9<br>41     | 0.09<br>106     | 1.4<br>105    | 0.02<br>102     | 5.8<br>96     | 1.3<br>20        | 92<br>9     | 4                   | 1           | 0                         | 6760       | 289        | 4.3       | 239        | 3.5       | LIWAY SIL<br>21030                    | 2021           |  |
| 23024<br>936965714                   | TUKS 23024             |      | 9.38               | 106               | 104 | 0.36<br>104  | 0.03<br>100  | -34<br>99                       | 9.4<br>27     | 0.10<br>106     | -0.4<br>25    | 0.01<br>105     | -13.7<br>111  | -4.9<br>18       | 93<br>10    |                     | 1           | 0                         | 8130       | 344        | 4.2       | 274        | 3.4       | WILRA ABS BRANTLEY-ET<br>21027        | 2021           |  |
| 23025<br>936965722                   | TUKS 23025             |      | 8.84               | 100               | 100 | -0.05<br>100 | -0.05<br>99  | 80<br>102                       | -2.3<br>46    | -0.06<br>99     | 0.4<br>38     | -0.02<br>97     | 8.4<br>94     | -1.6<br>26       | 106<br>20   | 2                   | 1           | 0                         | 7268       | 305        | 4.2       | 251        | 3.5       | S-S-I BASIC BOLD-ET<br>21039          | 2021           |  |
| 23026<br>936965730                   | TUKS 23026             |      | 8.18               | 98                | 95  | -0.32<br>96  | -0.83<br>90  | 159<br>104                      | -18.8<br>50   | -0.23<br>89     | 7.2<br>43     | 0.02<br>107     | -6.9<br>103   | -1.7<br>31       | 103<br>18   | 3                   | 1           | 0                         | 6840       | 299        | 4.4       | 248        | 3.6       | PUTTERGILL SUPER MELON 11.33<br>20024 | 2020           |  |
|                                      |                        |      |                    |                   |     |              |              | Year of Birth : 2024            |               |                 |               |                 |               |                  |             |                     |             |                           |            |            |           |            |           |                                       |                |  |
| 24001<br>936942077                   | TUKS 24001             |      | 7.35               | 112               | 113 | 1.04<br>113  | 0.47<br>106  | 230<br>106                      | 19.4<br>31    | 0.09<br>112     | 11.7<br>30    | 0.04<br>106     | 1.2<br>99     | -2.4<br>24       | 99<br>104   |                     | 1           | 0                         | 6622       | 298        | 4.5       | 233        | 3.5       | DELTA LUNAR<br>20033                  | 2020           |  |
| 24003<br>936942093                   | TUKS 24003             |      | 7.78               | 91                | 94  | -0.43<br>95  | -0.15<br>98  | -221<br>94                      | -9.7<br>36    | -0.01<br>94     | -2.8<br>34    | 0.04<br>106     | 18.4<br>86    | -3.0<br>27       | 99<br>106   |                     | 1           | 0                         | 7500       | 313        | 4.2       | 267        | 3.6       | DELTA LUNAR<br>1735                   | 2017           |  |
| 24006<br>936960715                   | TUKS 24006             |      | 7.84               | 105               | 103 | 0.23<br>103  | -0.60<br>93  | 317<br>108                      | 1.6<br>35     | -0.10<br>101    | 0.3<br>32     | -0.09<br>95     | -0.9<br>100   | 0.6<br>24        | 112<br>99   |                     | 1           | 0                         | 8939       | 347        | 3.9       | 289        | 3.2       | S-S-I BASIC BOLD-ET<br>1917           | 2019           |  |
| 24007<br>936960723                   | TUKS 24007             |      | 7.38               | 106               | 113 | 1.08<br>113  | -0.21<br>98  | 266<br>107                      | 19.0<br>39    | 0.07<br>112     | 9.0<br>29     | 0.00<br>104     | 8.8<br>109    | 3.7<br>35        | 88<br>10    | 3                   | 1           | 0                         | 6898       | 293        | 4.2       | 235        | 3.4       | LADYS-MANOR OVERVIEW ET<br>21006      | 2021           |  |
| 24009<br>936960749                   | TUKS 24009             |      | 8.47               | 96                | 96  | -0.37<br>96  | 0.13<br>102  | 13<br>100                       | -8.3<br>39    | -0.08<br>95     | -1.3<br>30    | -0.02<br>96     | -6.1<br>99    | 3.2<br>35        | 97<br>105   | 3                   | 1           | 0                         | 6897       | 295        | 4.3       | 234        | 3.4       | LADYS-MANOR OVERVIEW ET<br>1940       | 2019           |  |
| 24010<br>936960756                   | TUKS 24010             |      | 10.49              | 101               | 103 | 0.15<br>102  | 0.38<br>105  | 74<br>102                       | 4.8<br>17     | 0.02<br>103     | 0.6<br>14     | -0.02<br>101    | 3.5<br>97     | -1.2<br>9        | 97<br>102   |                     | 1           | 0                         | 6551       | 302        | 4.6       | 240        | 3.7       | LADYS-MANOR OVERVIEW ET<br>21038      | 2021           |  |
| 24011<br>936960764                   | TUKS 24011RIDGLINE     |      | 9.92               | 110               | 116 | 1.45<br>117  | -0.68<br>92  | 509<br>113                      | 20.1<br>18    | 0.00<br>112     | 15.3<br>14    | -0.01<br>115    | 3.1<br>98     | 9.0<br>9         | 90<br>83    |                     | 1           | 0                         | 6577       | 285        | 4.3       | 243        | 3.7       | FAIRMONT RIDGELINE.<br>1919           | 2019           |  |
| 24012<br>936960798                   | TUKS 24012RIDGLINE     |      | 8.41               | 108               | 109 | 0.70<br>108  | -0.32<br>96  | 435<br>111                      | 5.9<br>15     | -0.10<br>104    | 12.0<br>11    | -0.02<br>95     | 6.2<br>112    | 0.4<br>12        | 106<br>99   |                     | 1           | 0                         | 7791       | 319        | 4.1       | 256        | 3.3       | FAIRMONT RIDGELINE.<br>1835           | 2018           |  |
| 24013<br>936963636                   | TUKS 24013VEKOMO       |      | 8.28               | 103               | 99  | 0.08<br>101  | -0.33<br>96  | -307<br>92                      | 6.0<br>33     | 0.17<br>104     | -6.8<br>28    | 0.03<br>109     | -11.9<br>94   | -1.4<br>30       | 101<br>104  |                     | 1           | 0                         | 7376       | 322        | 4.4       | 252        | 3.4       | S-S-I LA RIVETING VEKOMA-ET<br>20015  | 2020           |  |
| 24014<br>936960806                   | TUKS 24014RIDGELINE    |      | 10.27              | 110               | 114 | 1.08<br>113  | 0.09<br>101  | 501<br>113                      | 12.5<br>19    | -0.07<br>108    | 19.0<br>14    | 0.02<br>96      | -2.9<br>119   | 6.1<br>15        | 93<br>88    |                     | 1           | 0                         | 7472       | 302        | 4.0       | 267        | 3.6       | FAIRMONT RIDGELINE.<br>20021          | 2020           |  |
| 24020<br>936970003                   | TUKS 24020             |      | 8.46               | 110               | 101 | -0.24<br>97  | 1.64<br>120  | GM108<br>97                     | GM0.9<br>34   | 0.05<br>101     | GM2.1<br>32   | 0.05<br>103     | GM19.4<br>107 | M-5.1<br>115     | M 120<br>34 |                     | 1           | 0                         | 0          | 0          | 0.0       | 0          | 0.0       | LADYS-MANOR OVERVIEW ET<br>1911       | 2019           |  |
| 24021<br>936970011                   | TUKS 24021             |      | 11.01              | 109               | 110 | 0.83<br>110  | -0.05<br>100 | GM 59<br>102                    | GM19.5<br>41  | 0.16<br>112     | GM 1.3<br>41  | -0.01<br>108    | GM-2.4<br>101 | M 0.3<br>41      | M 99<br>36  |                     | 1           | 0                         | 0          | 0          | 0.0       | 0          | 0.0       | S-S-I LA RIVETING VEKOMA-ET<br>22012  | 2022           |  |
| 24023<br>936963644                   | TUKS NOCHED 13 ADD 10  |      | 8.21               | 102               | 103 | 0.25<br>103  | 0.32<br>104  | -75<br>98                       | 6.9<br>20     | 0.09<br>104     | 1.3<br>16     | 0.03<br>105     | -5.2<br>101   | 0.3<br>18        | 91<br>104   |                     | 1           | 0                         | 6370       | 279        | 4.4       | 220        | 3.5       | LADYS-MANOR OVERVIEW ET<br>1941       | 2019           |  |
| Average (Herd):<br>Number:73         |                        |      | 7.84               | 103               | 104 | 0.37         | -0.08        | 89                              | 4.8           | 0.01            | 4.9           | 0.02            | 99            | 1.0              | 99          |                     |             |                           |            |            |           |            |           |                                       |                |  |
| Cow Average (Breed):<br>Number:13232 |                        |      | 8.09               | 101               | 100 | 0.08         | -0.26        | -48                             | 0.2           | 0.02            | 0.2           | 0.02            | 101           | -1.2             | 100         |                     |             |                           |            |            |           |            |           |                                       |                |  |

# Cows with Most Influence in the Herd

Cows with Most Daughters in Milk and with Most Lactations

Daughter EBVs > Dam EBVs

Daughter EBVs < Dam EBVs

| Farmnr<br>Regnr |          | Sire                      | Nr<br>Lact | Tot Daughts                     |   | Act Daughts                     |      | BREEDING VALUE- and SELECTION INDICES |             |           |      |     |       |        |      |       |     |     |     |     |
|-----------------|----------|---------------------------|------------|---------------------------------|---|---------------------------------|------|---------------------------------------|-------------|-----------|------|-----|-------|--------|------|-------|-----|-----|-----|-----|
| Birth Year      |          | Country of Sire           |            | Birth Years<br>Total<br>In Milk |   | Birth Years<br>Total<br>In Milk |      |                                       | Milk        | BFat      | Prot | BF% | Prot% | UdHlth | Fert | HLife | EFI | LMI |     |     |
| Breed Average : |          |                           |            |                                 |   |                                 |      | 100                                   | 103         | 103       | 102  | 104 | 102   | 102    | 103  | 104   | 105 |     |     |     |
| Herd Average :  |          |                           |            |                                 |   |                                 |      | 103                                   | 105         | 108       | 102  | 106 | 102   | 99     | 102  | 108   | 108 |     |     |     |
| 1               | 1519     | DE GRENDDEL 1222 JACKSON  |            | 2018                            | - | 2021                            | 2020 | -                                     | 2021        | Cow EBVi: | 94   | 113 | 96    | 115    | 104  | 100   | 91  | 93  | 109 | 104 |
|                 | 84170893 |                           | 6          |                                 | 3 |                                 |      | 2                                     | Dghts EBVi: | 96        | 114  | 100 | 115   | 107    | 105  | 100   | 93  | 111 | 109 |     |
|                 | 2015     | ZAF                       |            |                                 | 2 |                                 |      | 1                                     |             |           |      |     |       |        |      |       |     |     |     |     |
| 2               | 1904     | IKEA                      |            | 2021                            | - | 2026                            | 2021 | -                                     | 2026        | Cow EBVi: | 92   | 79  | 97    | 88     | 110  | 92    | 121 | 126 | 82  | 90  |
|                 | 88324553 |                           | 6          |                                 | 3 |                                 |      | 3                                     | Dghts EBVi: | 97        | 94   | 105 | 96    | 111    | 106  | 110   | 118 | 97  | 104 |     |
|                 | 2019     | FRA                       |            |                                 | 2 |                                 |      | 2                                     |             |           |      |     |       |        |      |       |     |     |     |     |
| 3               | 1835     | IKEA                      |            | 2020                            | - | 2026                            | 2023 | -                                     | 2026        | Cow EBVi: | 111  | 96  | 108   | 88     | 91   | 90    | 95  | 113 | 102 | 101 |
|                 | 89420715 |                           | 6          |                                 | 6 |                                 |      | 5                                     | Dghts EBVi: | 109       | 104  | 113 | 97    | 103    | 93   | 98    | 111 | 109 | 108 |     |
|                 | 2018     | FRA                       |            |                                 | 1 |                                 |      | 0                                     |             |           |      |     |       |        |      |       |     |     |     |     |
| 4               | 20015    | MOVER P RF                |            | 2022                            | - | 2026                            | 2023 | -                                     | 2026        | Cow EBVi: | 91   | 104 | 99    | 110    | 113  | 104   | 95  | 94  | 106 | 101 |
|                 | 90406455 |                           | 5          |                                 | 6 |                                 |      | 5                                     | Dghts EBVi: | 93        | 108  | 100 | 112   | 111    | 107  | 103   | 100 | 107 | 107 |     |
|                 | 2020     | FRA                       |            |                                 | 1 |                                 |      | 0                                     |             |           |      |     |       |        |      |       |     |     |     |     |
| 5               | 1938     | DUNHILL                   |            | 2022                            | - | 2024                            | 2022 | -                                     | 2024        | Cow EBVi: | 99   | 109 | 109   | 108    | 113  | 106   | 97  | 103 | 108 | 110 |
|                 | 89343669 |                           | 5          |                                 | 2 |                                 |      | 2                                     | Dghts EBVi: | 103       | 112  | 112 | 107   | 110    | 112  | 100   | 108 | 111 | 116 |     |
|                 | 2019     | FRA                       |            |                                 | 1 |                                 |      | 1                                     |             |           |      |     |       |        |      |       |     |     |     |     |
| 6               | 1940     | DUNHILL                   |            | 2024                            | - | 2025                            | 2024 | -                                     | 2025        | Cow EBVi: | 91   | 82  | 89    | 91     | 100  | 100   | 86  | 96  | 81  | 79  |
|                 | 89343685 |                           | 4          |                                 | 3 |                                 |      | 3                                     | Dghts EBVi: | 100       | 98   | 102 | 99    | 103    | 106  | 97    | 110 | 98  | 102 |     |
|                 | 2019     | FRA                       |            |                                 | 1 |                                 |      | 1                                     |             |           |      |     |       |        |      |       |     |     |     |     |
| 7               | 20024    | MOVER P RF                |            | 2023                            | - | 2025                            | 2023 | -                                     | 2025        | Cow EBVi: | 105  | 105 | 106   | 100    | 100  | 99    | 90  | 96  | 109 | 104 |
|                 | 90581711 |                           | 4          |                                 | 2 |                                 |      | 2                                     | Dghts EBVi: | 103       | 105  | 108 | 101   | 106    | 107  | 102   | 100 | 108 | 108 |     |
|                 | 2020     | FRA                       |            |                                 | 1 |                                 |      | 1                                     |             |           |      |     |       |        |      |       |     |     |     |     |
| 8               | 20021    | S-S-I MONTROSS MEGAMAN-ET |            | 2022                            | - | 2025                            | 2022 | -                                     | 2025        | Cow EBVi: | 115  | 103 | 122   | 92     | 104  | 104   | 73  | 87  | 112 | 105 |
|                 | 90455262 |                           | 3          |                                 | 3 |                                 |      | 3                                     | Dghts EBVi: | 110       | 105  | 119 | 97    | 109    | 103  | 90    | 92  | 111 | 108 |     |
|                 | 2020     | USA                       |            |                                 | 1 |                                 |      | 1                                     |             |           |      |     |       |        |      |       |     |     |     |     |

# Cows with Most Influence in the Herd

Cows with Most Daughters in Milk and with Most Lactations

Daughter EBVs > Dam EBVs

Daughter EBVs < Dam EBVs

| Farmnr<br>Regnr<br>Birth Year | Sire<br><br>Country of Sire                                                                | Nr<br>Lact | Tot Daughts                     |   | Act Daughts                     |      | BREEDING VALUE- and SELECTION INDICES |      |             |     |       |        |      |       |     |     |     |     |     |
|-------------------------------|--------------------------------------------------------------------------------------------|------------|---------------------------------|---|---------------------------------|------|---------------------------------------|------|-------------|-----|-------|--------|------|-------|-----|-----|-----|-----|-----|
|                               |                                                                                            |            | Birth Years<br>Total<br>In Milk |   | Birth Years<br>Total<br>In Milk |      | Milk                                  | BFat | Prot        | BF% | Prot% | UdHlth | Fert | HLife | EFI | LMI |     |     |     |
|                               |                                                                                            |            |                                 |   |                                 |      |                                       |      |             |     |       |        |      |       |     |     |     |     |     |
|                               |                                                                                            |            |                                 |   | Breed Average :                 |      | 100                                   | 103  | 103         | 102 | 104   | 102    | 102  | 103   | 104 | 105 |     |     |     |
|                               |                                                                                            |            |                                 |   | Herd Average :                  |      | 103                                   | 105  | 108         | 102 | 106   | 102    | 99   | 102   | 108 | 108 |     |     |     |
| 9                             | 1945                                                                                       | DUNHILL    | 2022                            | - | 2022                            | 2022 | -                                     | 2022 |             |     |       |        |      |       |     |     |     |     |     |
|                               |  93428464 |            | 1                               |   |                                 | 1    |                                       |      | Cow EBVi:   | 98  | 113   | 103    | 112  | 107   | 80  | 94  | 100 | 111 | 103 |
|                               | 2019                                                                                       | FRA        | 1                               |   |                                 | 1    |                                       |      | Dghts EBVi: | 102 | 123   | 106    | 116  | 103   | 85  | 93  | 95  | 118 | 111 |

# Heifers

Animals are sorted on farmer number within birth year

\*Inbreeding in red is high

Top 10% of the breed

Bottom 10% of the breed

Above breed average

R = Reliability

G = Genomically tested

M = Blended with sire's MACE (International) EBVs

GM = Blended with sire's GMACE EBVs

| Heifer             |                        |      |                 | Selection Indices |     |              |              | Estimated Breeding Values (EBV) |                        |                |                        |                |                            |                           |                   |                              |       | Pedigree |  |  |
|--------------------|------------------------|------|-----------------|-------------------|-----|--------------|--------------|---------------------------------|------------------------|----------------|------------------------|----------------|----------------------------|---------------------------|-------------------|------------------------------|-------|----------|--|--|
| FarmNr<br>Regnr    | Parent<br>Verification | Name | % Inbr-<br>ding | LMI               | LPI | EFI          | BWI          | Milk<br>Index <i>R</i>          | BFat<br>Index <i>R</i> | BFat%<br>Index | Prot<br>Index <i>R</i> | Prot%<br>Index | Somatics<br>Index <i>R</i> | CalvInt<br>Index <i>R</i> | HLife<br><i>R</i> | Sire                         | Dam   | BYr      |  |  |
| Breed Average:     |                        |      | 8.73            | 105               | 104 | 0.37         | -0.15        | 26                              | 5.2                    | 0.04           | 4.1                    | 0.03           | 102                        | -0.8                      | 103               |                              |       |          |  |  |
|                    |                        |      |                 |                   |     |              |              | Year of Birth : 2020            |                        |                |                        |                |                            |                           |                   |                              |       |          |  |  |
| 20014<br>90406489  | 20014                  |      | 7.06            | 114               | 108 | 1.00<br>112  | -1.08<br>87  | M -44<br>99                     | M 16.5<br>31           | 0.17<br>110    | M 4.1<br>104           | 0.05<br>107    | M 15.8<br>112              | M -4.0<br>25              | M 103<br>19       | MOVER P RF                   | 1519  | 2015     |  |  |
| 20018<br>90455288  | 20018                  |      | 10.33           | 105               | 109 | 0.98<br>112  | -1.28<br>85  | 237<br>106                      | 9.9<br>36              | 0.00<br>106    | 10.2<br>110            | 0.02<br>103    | -1.0<br>101                | M 7.3<br>22               | 91<br>25          | S-S-I MONTROSS MEGAMAN-ET    | 1815  | 2018     |  |  |
| 20035<br>91388868  | TUKS 35 HURION         |      | 6.11            | 99                | 106 | 0.19<br>102  | 1.48<br>118  | GM 264<br>107                   | GM 3.8<br>36           | -0.06<br>102   | GM 10.6<br>110         | 0.02<br>103    | GM 1.7<br>101              | M 10.6<br>34              | M 88<br>33        | HADOCK                       | 1621  | 2016     |  |  |
|                    |                        |      |                 |                   |     |              |              | Year of Birth : 2021            |                        |                |                        |                |                            |                           |                   |                              |       |          |  |  |
| 21021<br>92002625  | TUKS 21021INTACT       |      | 6.08            | 97                | 102 | 0.21<br>103  | -0.31<br>96  | M 134<br>103                    | M -1.9<br>30           | -0.07<br>99    | M 6.9<br>107           | 0.02<br>103    | M 10.0<br>92               | M 3.7<br>17               | M 92<br>18        | INTACT                       | 1921  | 2019     |  |  |
|                    |                        |      |                 |                   |     |              |              | Year of Birth : 2022            |                        |                |                        |                |                            |                           |                   |                              |       |          |  |  |
| 22034<br>936835909 | TUKS 22034             |      | 7.17            | 96                | 99  | -0.02<br>100 | -0.17<br>98  | M -243<br>94                    | M 2.8<br>33            | 0.12<br>106    | M -5.1<br>95           | 0.03<br>104    | M -6.4<br>105              | M 0.6<br>21               | M 83<br>23        | WILRA ABS BRANTLEY-ET        | 1931  | 2019     |  |  |
|                    |                        |      |                 |                   |     |              |              | Year of Birth : 2023            |                        |                |                        |                |                            |                           |                   |                              |       |          |  |  |
| 23118<br>936896497 | TUKS 23118             |      | 8.28            | 103               | 99  | 0.10<br>101  | -0.47<br>94  | GM 307<br>92                    | GM 6.1<br>42           | 0.18<br>109    | GM 6.8<br>94           | 0.03<br>104    | GM 12.1<br>109             | M -2.1<br>39              | M 103<br>36       | S-S-I LA RIVETING VEKOMA-ET  | 20015 | 2020     |  |  |
| 23119<br>936896505 | TUKS 23119             |      | 8.28            | 103               | 99  | 0.10<br>101  | -0.47<br>94  | GM 307<br>92                    | GM 6.1<br>42           | 0.18<br>109    | GM 6.8<br>94           | 0.03<br>104    | GM 12.1<br>109             | M -2.1<br>39              | M 103<br>36       | S-S-I LA RIVETING VEKOMA-ET  | 20015 | 2020     |  |  |
| 23120<br>936896513 | TUKS 23120             |      | 8.89            | 99                | 101 | 0.00<br>100  | 0.31<br>104  | GM 22<br>101                    | GM 1.1<br>40           | 0.00<br>101    | GM 0.2<br>100          | 0.00<br>100    | GM 4.6<br>104              | M 3.4<br>38               | M 96<br>37        | WILRA ABS BRANTLEY-ET        | 1911  | 2019     |  |  |
| 23125<br>936905074 | TUKS 23125             |      | 8.19            | 100               | 102 | 0.02<br>100  | 0.83<br>110  | -84<br>98                       | 3.6<br>36              | 0.06<br>103    | 1.7<br>102             | 0.04<br>96     | M 11.2<br>91               | M -2.8<br>27              | M 103<br>18       | DELTA LUNAR                  | 1812  | 2018     |  |  |
| 23127<br>936912468 | TUKS 23127             |      | 6.15            | 102               | 110 | 0.85<br>110  | 0.20<br>102  | 25<br>101                       | 20.1<br>37             | 0.17<br>112    | 3.6<br>104             | 0.03<br>104    | M 14.6<br>89               | M 7.5<br>27               | M 93<br>18        | DELTA LUNAR                  | 1804  | 2018     |  |  |
| 23129<br>936912484 | TUKS 23129             |      | 7.94            | 105               | 103 | 0.15<br>102  | 0.25<br>103  | GM 82<br>102                    | GM 5.0<br>42           | 0.02<br>101    | GM 0.3<br>100          | -0.03<br>100   | GM 14.7<br>112             | M 2.1<br>39               | M 100<br>36       | S-S-I LA RIVETING VEKOMA-ET  | 20010 | 2020     |  |  |
| 23130<br>936912492 | TUKS 23130             |      | 11.78           | 103               | 106 | 0.57<br>107  | -0.08<br>99  | GM 121<br>103                   | GM 8.6<br>42           | 0.03<br>105    | GM 6.4<br>102          | 0.02<br>103    | GM 2.1<br>98               | M 2.6<br>39               | M 93<br>36        | S-S-I LA RIVETING VEKOMA-ET  | 21007 | 2021     |  |  |
| 23131<br>936912500 | TUKS 23131             |      | 8.13            | 96                | 104 | 0.32<br>104  | 0.29<br>104  | GM 68<br>98                     | GM 0.9<br>40           | 0.13<br>107    | GM 1.3<br>99           | 0.01<br>101    | GM 7.2<br>94               | M 9.0<br>38               | M 84<br>37        | WILRA ABS BRANTLEY-ET        | 1932  | 2019     |  |  |
| 23132<br>936912518 | TUKS 23132             |      | 9.56            | 101               | 97  | -0.39<br>95  | 0.99<br>112  | GM 204<br>95                    | GM 3.1<br>42           | 0.05<br>98     | GM 2.2<br>98           | 0.04<br>106    | GM 4.2<br>103              | M -5.7<br>39              | M 106<br>36       | S-S-I LA RIVETING VEKOMA-ET  | 21026 | 2021     |  |  |
| 23135<br>936916105 | TUKS 23135             |      | 10.10           | 105               | 102 | 0.21<br>103  | -0.03<br>100 | M 5<br>100                      | M 2.8<br>33            | 0.02<br>101    | M 2.5<br>103           | 0.02<br>101    | M 13.7<br>111              | M -1.7<br>27              | M 99<br>24        | WILRA ABS BRANTLEY-ET        | 21024 | 2021     |  |  |
| 23144<br>936942127 | TUKS 23144             |      | 8.72            | 99                | 97  | -0.37<br>96  | 0.16<br>102  | 214<br>106                      | -17.0<br>36            | -0.24<br>90    | 10.0<br>110            | 0.03<br>104    | -4.7<br>104                | -2.9<br>28                | 102<br>18         | PUTTERGILL SUPER MELON 11.33 | 20026 | 2020     |  |  |
|                    |                        |      |                 |                   |     |              |              | Year of Birth : 2024            |                        |                |                        |                |                            |                           |                   |                              |       |          |  |  |

# Heifers

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Top 10% of the breed

Bottom 10% of the breed

Above breed average

R = Reliability

G = Genomically tested

M = Blended with sire's MACE (International) EBVs

GM = Blended with sire's GMACE EBVs

| Heifer             |                                                                                              |      |                 | Selection Indices |     |              |              | Estimated Breeding Values (EBV) |                 |                |                 |                |                     |                    |               |                             |       |      | Pedigree |  |  |
|--------------------|----------------------------------------------------------------------------------------------|------|-----------------|-------------------|-----|--------------|--------------|---------------------------------|-----------------|----------------|-----------------|----------------|---------------------|--------------------|---------------|-----------------------------|-------|------|----------|--|--|
| FarmNr<br>Regnr    | Parent<br>Verification                                                                       | Name | % Inbr-<br>ding | LMI               | LPI | EFI          | BWI          | Milk<br>Index R                 | BFat<br>Index R | BFat%<br>Index | Prot<br>Index R | Prot%<br>Index | Somatics<br>Index R | CalvInt<br>Index R | HLife<br>R    | Sire                        | Dam   | BYr  |          |  |  |
| Breed Average:     |                                                                                              |      | 8.73            | 105               | 104 | 0.37         | -0.15        | 26                              | 5.2             | 0.04           | 4.1             | 0.03           | 102                 | -0.8               | 103           |                             |       |      |          |  |  |
| 24001<br>96353560  | 24001                                                                                        |      | 7.35            | 107               | 108 | 0.53<br>106  | 0.99<br>112  | 80<br>102                       | 14.0<br>36      | 0.10<br>109    | 5.8<br>34       | 0.03<br>104    | M 2.6<br>98         | M 1.3<br>26        | M101<br>18 22 | DELTA LUNAR                 | 20033 | 2020 |          |  |  |
| 24008<br>936960731 | TUKS 24008                                                                                   |      | 8.47            | 103               | 94  | -0.77<br>91  | 1.73<br>121  | GM 344<br>91                    | GM 5.9<br>34    | 0.08<br>97     | 0.08<br>32      | 0.06<br>109    | GM 20.5<br>116      | M -4.5<br>34       | M115<br>32    | LADYS-MANOR OVERVIEW ET     | 1940  | 2019 |          |  |  |
| 24015<br>97052302  | 24015RIDGELINE                                                                               |      | 8.82            | 109               | 107 | 0.64<br>108  | -0.24<br>97  | M 92<br>102                     | M 7.1<br>25     | 0.03<br>104    | M 10.0<br>24    | 0.06<br>109    | M -4.7<br>104       | M 4.4<br>27        | M114<br>23 24 | FAIRMONT RIDGELINE.         | 1935  | 2019 |          |  |  |
| 24015<br>936960814 |  TUKS 24015 |      | 8.82            | 117               | 120 | 1.87<br>123  | -0.34<br>96  | G 61<br>102                     | G 36.9<br>74    | 0.32<br>122    | G 11.8<br>74    | 0.09<br>113    | G 6.7<br>95         | G 1.4<br>74        | G 97<br>74    | FAIRMONT RIDGELINE.         | 1935  | 2019 |          |  |  |
| 24017<br>936963651 | TUKS 24017                                                                                   |      | 10.41           | 119               | 113 | 0.79<br>109  | 1.93<br>123  | M -87<br>98                     | M 27.7<br>26    | 0.29<br>117    | M 3.8<br>23     | 0.06<br>109    | M -9.5<br>107       | M -6.4<br>24       | M115<br>18 18 | LADYS-MANOR OVERVIEW ET     | 22009 | 2022 |          |  |  |
| 24019<br>936969997 | TUKS 24019                                                                                   |      | 8.25            | 107               | 99  | -0.05<br>100 | 0.27<br>103  | M -163<br>96                    | M 0.9<br>34     | 0.07<br>101    | M -0.7<br>33    | 0.05<br>104    | M 13.6<br>111       | M -5.1<br>26       | M114<br>20 22 | S-S-I LA RIVETING VEKOMA-ET | 21041 | 2021 |          |  |  |
| 24024<br>936999481 | TUKS 24024                                                                                   |      | 8.46            | 93                | 92  | -0.45<br>95  | -1.35<br>84  | GM 31<br>101                    | GM 9.4<br>44    | -0.19<br>88    | GM 0.5<br>43    | -0.01<br>90    | GM 4.0<br>98        | M 5.0<br>40        | M109<br>37 38 | S-S-I BASIC BOLD-ET         | 20002 | 2020 |          |  |  |
| 24025<br>936999499 | TUKS 24025                                                                                   |      | 11.40           | 118               | 119 | 1.51<br>118  | 0.60<br>107  | M 137<br>104                    | M 35.7<br>35    | 0.28<br>122    | M 7.5<br>31     | 0.03<br>104    | M 15.1<br>112       | M -1.8<br>23       | M 89<br>19 22 | DENOVO 17150 BOVEC50-ET     | 22017 | 2022 |          |  |  |
| 24026<br>936999507 | TUKS 24026                                                                                   |      | 12.25           | 115               | 113 | 1.10<br>113  | 0.12<br>102  | M 38<br>101                     | M 24.2<br>35    | 0.21<br>115    | M 6.0<br>33     | 0.04<br>106    | M 12.8<br>110       | M -3.3<br>25       | M 98<br>19 23 | DENOVO 17150 BOVEC50-ET     | 22016 | 2022 |          |  |  |
| 24027<br>936999515 | TUKS 24027FOXCATCHER                                                                         |      | 8.99            | 113               | 107 | 0.59<br>107  | 0.02<br>100  | M 168<br>104                    | M 7.7<br>37     | 0.01<br>105    | M 9.1<br>36     | 0.03<br>104    | M -3.0<br>102       | M -9.1<br>32       | M114<br>27 30 | BPS PANTHER FOXCATCHER-ET   | 22022 | 2022 |          |  |  |
| 24028<br>936999523 | TUKS 24028 BOLD                                                                              |      | 10.11           | 96                | 95  | -0.34<br>96  | -0.34<br>96  | M -141<br>96                    | M -6.1<br>31    | 0.00<br>96     | M -5.9<br>30    | -0.01<br>100   | M 10.9<br>94        | M 1.3<br>25        | M 95<br>20 24 | S-S-I BASIC BOLD-ET         | 22020 | 2022 |          |  |  |
| 24029<br>936999531 | TUKS 24029FOXCATCHER                                                                         |      | 9.77            | 111               | 105 | 0.32<br>104  | 0.59<br>107  | M 164<br>104                    | M 5.8<br>36     | -0.01<br>104   | M 6.1<br>35     | 0.01<br>101    | M 10.1<br>108       | M -7.3<br>30       | M108<br>25 28 | BPS PANTHER FOXCATCHER-ET   | 22015 | 2022 |          |  |  |
| 24030<br>936999549 | TUKS 24030                                                                                   |      | 8.93            | 121               | 120 | 1.79<br>121  | 0.07<br>101  | GM 125<br>103                   | GM 84.3<br>43   | 0.27<br>121    | GM 14.9<br>40   | 0.10<br>114    | GM 12.0<br>109      | M 0.3<br>37        | M 97<br>35 36 | DENOVO 17150 BOVEC50-ET     | 1947  | 2019 |          |  |  |
| 24031<br>936999556 | TUKS 24031                                                                                   |      | 8.93            | 121               | 120 | 1.79<br>121  | 0.07<br>101  | GM 125<br>103                   | GM 84.3<br>43   | 0.27<br>121    | GM 14.9<br>41   | 0.10<br>114    | GM 12.0<br>109      | M 0.3<br>37        | M 97<br>35 36 | DENOVO 17150 BOVEC50-ET     | 1947  | 2019 |          |  |  |
| 24032<br>936999564 | TUKS 24032                                                                                   |      | 9.82            | 113               | 113 | 1.13<br>114  | -0.15<br>98  | M 21<br>101                     | M 24.7<br>32    | 0.22<br>115    | M 4.4<br>31     | 0.03<br>104    | M -3.4<br>103       | M -2.7<br>19       | M 99<br>22    | DENOVO 17150 BOVEC50-ET     | 22013 | 2022 |          |  |  |
| 24033<br>936999572 | TUKS 24033                                                                                   |      | 9.41            | 120               | 119 | 1.74<br>121  | -0.19<br>98  | GM -53<br>99                    | GM 5.3<br>43    | 0.35<br>121    | GM 1.2<br>41    | 0.12<br>117    | GM 10.6<br>108      | M -1.4<br>35       | M 96<br>36    | DENOVO 17150 BOVEC50-ET     | 1908  | 2019 |          |  |  |
| 24034<br>936999580 | TUKS 24034BOVEC                                                                              |      | 7.69            | 118               | 118 | 1.57<br>119  | 0.02<br>100  | GM 223<br>106                   | GM 0.5<br>43    | 0.20<br>118    | GM 12.3<br>41   | 0.04<br>106    | GM 16.0<br>113      | M 2.3<br>37        | M 92<br>35 36 | DENOVO 17150 BOVEC50-ET     | 20010 | 2020 |          |  |  |
| 24035<br>936999598 | TUKS 24035ADEBAYO                                                                            |      | 7.76            | 114               | 109 | 1.04<br>113  | -1.23<br>85  | M 145<br>104                    | M 8.6<br>25     | 0.03<br>105    | M 14.7<br>24    | 0.09<br>102    | M -9.2<br>113       | M -2.0<br>24       | M113<br>22 21 | FB 8084 ADEBAYO-P-ET        | 22010 | 2022 |          |  |  |
| 24036<br>936999606 | TUKS 24036BOVEC                                                                              |      | 10.16           | 117               | 119 | 1.74<br>121  | -0.23<br>97  | M -66<br>98                     | M 35.1<br>35    | 0.35<br>121    | M 11.4<br>33    | 0.13<br>119    | M -1.0<br>101       | M -2.5<br>26       | M 90<br>20 24 | DENOVO 17150 BOVEC50-ET     | 22024 | 2022 |          |  |  |
| 24037<br>937009124 | TUKS 24037 BOLD                                                                              |      | 9.51            | 87                | 85  | -1.24<br>85  | -0.04<br>100 | GM 361<br>91                    | GM 21.4<br>43   | -0.07<br>87    | GM 13.1<br>43   | -0.01<br>98    | GM 2.3<br>98        | M -4.1<br>40       | M100<br>38 38 | S-S-I BASIC BOLD-ET         | 22036 | 2022 |          |  |  |
| 24038<br>937009132 | TUKS 24038 BOVEC 50                                                                          |      | 11.08           | 113               | 109 | 0.76<br>109  | 0.22<br>103  | M -128<br>97                    | M 21.3<br>35    | 0.25<br>113    | M -0.3<br>33    | 0.04<br>106    | M 10.9<br>109       | M -5.3<br>25       | M102<br>19 22 | DENOVO 17150 BOVEC50-ET     | 22037 | 2022 |          |  |  |
| 24039<br>937009140 | TUKS 24039 BOLD                                                                              |      | 9.18            | 103               | 95  | -0.28<br>97  | -0.85<br>90  | GM -18<br>100                   | GM 3.0<br>43    | -0.12<br>92    | GM 1.3<br>43    | 0.02<br>103    | GM 11.8<br>109      | M -3.0<br>40       | M118<br>37 39 | S-S-I BASIC BOLD-ET         | 21023 | 2021 |          |  |  |
| 24040<br>937009157 | TUKS 24040 FOXCATCHER                                                                        |      | 31.28           | 113               | 103 | 0.23<br>103  | -0.10<br>99  | M 266<br>107                    | M -4.6<br>37    | -0.14<br>92    | M 11.6<br>36    | 0.02<br>103    | M 16.4<br>113       | M -8.7<br>32       | M119<br>30 31 | BPS PANTHER FOXCATCHER-ET   | 21024 | 2021 |          |  |  |

# Heifers

Animals are sorted on farmer number within birth year

\*Inbreeding in red is high

Top 10% of the breed

Bottom 10% of the breed

Above breed average

R = Reliability

G = Genomically tested

M = Blended with sire's MACE (International) EBVs

GM = Blended with sire's GMACE EBVs

| Heifer               |                        |      |                 | Selection Indices |     |             |             | Estimated Breeding Values (EBV) |                        |                |                        |                |                            |                           |                   |                           |       |      | Pedigree |  |  |
|----------------------|------------------------|------|-----------------|-------------------|-----|-------------|-------------|---------------------------------|------------------------|----------------|------------------------|----------------|----------------------------|---------------------------|-------------------|---------------------------|-------|------|----------|--|--|
| FarmNr<br>Regnr      | Parent<br>Verification | Name | % Inbr-<br>ding | LMI               | LPI | EFI         | BWI         | Milk<br>Index <i>R</i>          | BFat<br>Index <i>R</i> | BFat%<br>Index | Prot<br>Index <i>R</i> | Prot%<br>Index | Somatics<br>Index <i>R</i> | CalvInt<br>Index <i>R</i> | HLife<br><i>R</i> | Sire                      | Dam   | BYr  |          |  |  |
| Breed Average:       |                        |      | 8.73            | 105               | 104 | 0.37        | -0.15       | 26                              | 5.2                    | 0.04           | 4.1                    | 0.03           | 102                        | -0.8                      | 103               |                           |       |      |          |  |  |
| 24111<br>936960707   | TUKS 24111             |      | 8.03            | 118               | 108 | 0.42<br>105 | 1.78<br>121 | GM190<br>95                     | GM6.9<br>34            | 0.23<br>112    | GM4.7<br>105           | 0.10<br>32     | GM24.5<br>119              | M -7.3<br>36              | M119<br>32        | LADYS-MANOR OVERVIEW ET   | 1938  | 2019 |          |  |  |
| 24131<br>936999648   | TUKS                   |      | 7.47            | 106               | 99  | 0.04<br>101 | -0.64<br>92 | GM238<br>106                    | GM3.3<br>43            | -0.21<br>89    | GM12.7<br>112          | 0.04<br>43     | GM4.8<br>104               | M -11.1<br>42             | M112<br>42        | BPS PANTHER FOXCATCHER-ET | 21009 | 2021 |          |  |  |
| Year of Birth : 2025 |                        |      |                 |                   |     |             |             |                                 |                        |                |                        |                |                            |                           |                   |                           |       |      |          |  |  |
| 25001<br>937014165   | TUKS 25001BOLD         |      | 9.37            | 97                | 92  | -0.62<br>93 | -0.49<br>94 | M -33<br>99                     | M -14.6<br>35          | -0.12<br>91    | M -5.7<br>95           | -0.04<br>35    | M -6.1<br>105              | M -3.0<br>30              | M113<br>27        | S-S-I BASIC BOLD-ET       | 21028 | 2021 |          |  |  |
| 25002<br>937014173   | TUKS 25002             |      | 7.60            | 125               | 128 | 2.15<br>126 | 1.42<br>117 | GM253<br>107                    | GM52.3<br>43           | 0.38<br>120    | GM12.7<br>112          | 0.04<br>41     | GM12.9<br>110              | M 4.0<br>37               | M 92<br>35        | DENOVO 17150 BOVEC50-ET   | 20016 | 2020 |          |  |  |
| 25003<br>937017598   | TUKS 25003FOXCATHER    |      | 8.38            | 114               | 108 | 0.66<br>108 | 0.10<br>101 | M 243<br>106                    | M 5.4<br>34            | -0.04<br>103   | M 14.3<br>34           | 0.06<br>98     | M11.5<br>109               | M -6.2<br>31              | M111<br>28        | BPS PANTHER FOXCATCHER-ET | 21037 | 2021 |          |  |  |
| 25004<br>937017606   | TUKS 25004FOXCATCHER   |      | 8.38            | 114               | 108 | 0.66<br>108 | 0.10<br>101 | M 243<br>106                    | M 5.4<br>34            | -0.04<br>103   | M 14.3<br>34           | 0.06<br>98     | M11.5<br>109               | M -6.2<br>31              | M111<br>28        | BPS PANTHER FOXCATCHER-ET | 21037 | 2021 |          |  |  |
| 25005<br>937017614   | TUKS 25005BOVEC        |      | 8.76            | 118               | 118 | 1.64<br>120 | -0.38<br>95 | GM 90<br>102                    | GM32.3<br>43           | 0.27<br>114    | GM 9.5<br>109          | 0.06<br>41     | GM10.3<br>109              | M -0.5<br>37              | M 96<br>36        | DENOVO 17150 BOVEC50-ET   | 20024 | 2020 |          |  |  |
| 25006<br>937030823   | TUKS 25006             |      | 8.62            | 119               | 117 | 1.42<br>117 | -0.62<br>93 | GM697<br>118                    | GM4.4<br>34            | -0.12<br>109   | GM22.4<br>94           | -0.01<br>122   | GM10.4<br>98               | M 4.0<br>92               | GM128<br>33       | SANDY-VALLEY TAOS EAST-ET | 1835  | 2018 |          |  |  |
| 25007<br>937043941   | TUKS 25007             |      | 8.41            | 116               | 115 | 1.42<br>117 | -0.42<br>95 | M 131<br>103                    | M 21.8<br>31           | 0.15<br>113    | M 16.2<br>108          | 0.11<br>28     | M 1.0<br>99                | M -0.2<br>26              | M106<br>23        | FB 8084 ADEBAYO-P-ET      | 23010 | 2023 |          |  |  |
| 25010<br>937043990   | TUKS 25010             |      | 9.13            | 115               | 114 | 1.30<br>116 | -0.66<br>92 | M 505<br>113                    | M 11.9<br>27           | -0.07<br>107   | M21.1<br>121           | 0.04<br>24     | M 7.8<br>94                | M 2.5<br>24               | GM117<br>21       | SANDY-VALLEY TAOS EAST-ET | 23012 | 2023 |          |  |  |
| 25011<br>937044006   | TUKS 25011BOVEC 50     |      | 7.40            | 115               | 114 | 1.38<br>117 | -0.57<br>93 | GM 38<br>101                    | GM23.2<br>43           | 0.20<br>111    | GM11.6<br>111          | 0.10<br>41     | GM15.3<br>114              | M -0.7<br>37              | M101<br>36        | DENOVO 17150 BOVEC50-ET   | 22007 | 2022 |          |  |  |
| 25012<br>937044014   | TUKS 25012 BOVEC50     |      | 8.11            | 117               | 115 | 1.53<br>118 | -0.71<br>92 | GM166<br>96                     | GM1.6<br>43            | 0.36<br>119    | GM 5.8<br>106          | 0.11<br>41     | GM13.4<br>116              | M -1.9<br>37              | M 95<br>36        | DENOVO 17150 BOVEC50-ET   | 20015 | 2020 |          |  |  |
| 25013<br>937044022   | TUKS 25013             |      | 8.43            | 108               | 107 | 0.55<br>107 | -0.19<br>98 | GM304<br>108                    | GM2.9<br>34            | -0.08<br>102   | GM12.2<br>96           | 0.02<br>112    | GM 3.7<br>103              | M 6.3<br>97               | GM118<br>33       | SANDY-VALLEY TAOS EAST-ET | 1940  | 2019 |          |  |  |
| 25014<br>937044030   | TUKS 25014             |      | 9.55            | 106               | 107 | 0.57<br>107 | 0.42<br>105 | GM239<br>106                    | GM2.3<br>43            | -0.07<br>101   | GM17.7<br>96           | 0.09<br>117    | GM14.0<br>113              | M 3.2<br>111              | M 90<br>37        | WELCOME-TEL TAOS HAYK-ET  | 20021 | 2020 |          |  |  |
| 25015<br>937052405   | TUKS 25015ADEBAYO      |      | 11.56           | 115               | 114 | 1.27<br>115 | -0.06<br>99 | M -41<br>99                     | M 22.6<br>29           | 0.23<br>114    | M 13.0<br>112          | 0.13<br>28     | M -6.5<br>119              | M 0.4<br>105              | M101<br>21        | FB 8084 ADEBAYO-P-ET      | 22006 | 2022 |          |  |  |
| 25016<br>937052413   | TUKS 25016             |      | 8.40            | 127               | 128 | 2.15<br>126 | 0.78<br>109 | GM749<br>119                    | GM36.8<br>34           | 0.06<br>122    | GM26.7<br>103          | 0.01<br>101    | GM 6.2<br>95               | M 6.1<br>34               | GM118<br>33       | SANDY-VALLEY TAOS EAST-ET | 21020 | 2021 |          |  |  |
| 25017<br>937052421   | TUKS 25017             |      | 8.70            | 115               | 112 | 1.17<br>114 | -0.75<br>91 | M 391<br>110                    | M 11.6<br>23           | -0.04<br>107   | M17.5<br>117           | 0.04<br>21     | M 11.6<br>106              | M -1.7<br>91              | GM22<br>20        | SANDY-VALLEY TAOS EAST-ET | 23018 | 2023 |          |  |  |
| 25018<br>937074375   | TUKS 25018             |      | 8.94            | 113               | 106 | 0.53<br>106 | 0.07<br>101 | GM 42<br>101                    | GM5.5<br>33            | 0.04<br>103    | GM10.2<br>110          | 0.08<br>31     | GM12.1<br>110              | GM3.9<br>34               | GM19<br>33        | PROGENESIS PYTHAGORAS ET  | 1905  | 2019 |          |  |  |
| 25019<br>937074367   | TUKS 25019             |      | 10.15           | 113               | 109 | 0.96<br>112 | -0.55<br>93 | M 11<br>100                     | M 13.8<br>26           | 0.13<br>108    | M 9.8<br>110           | 0.09<br>25     | M11.8<br>113               | M 1.5<br>109              | M109<br>22        | FB 8084 ADEBAYO-P-ET      | 22027 | 2022 |          |  |  |
| 25020<br>937074359   | TUKS 25020             |      | 7.63            | 114               | 110 | 0.89<br>111 | -0.29<br>97 | GM164<br>104                    | GM1.3<br>37            | 0.04<br>107    | GM12.5<br>112          | 0.06<br>36     | GM19.9<br>116              | M 2.4<br>36               | M108<br>36        | FB 8084 ADEBAYO-P-ET      | 21008 | 2021 |          |  |  |
| 25021<br>937074342   | TUKS 25021PHYTHAGORUS  |      | 10.43           | 121               | 115 | 1.06<br>113 | 0.75<br>109 | GM375<br>110                    | GM8.3<br>26            | 0.03<br>111    | GM15.4<br>115          | 0.03<br>25     | GM21.0<br>116              | GM4.8<br>24               | GM110<br>20       | PROGENESIS PYTHAGORAS ET  | 22029 | 2022 |          |  |  |

# Heifers

Animals are sorted on farmer number within birth year

\*Inbreeding in red is high

Top 10% of the breed

Bottom 10% of the breed

Above breed average

R = Reliability

G = Genomically tested

M = Blended with sire's MACE (International) EBVs

GM = Blended with sire's GMACE EBVs

| Heifer               |                        |          |                 | Selection Indices |     |             |              | Estimated Breeding Values (EBV) |                        |                |                        |                |                            |                           |                   |                       |       | Pedigree |  |  |
|----------------------|------------------------|----------|-----------------|-------------------|-----|-------------|--------------|---------------------------------|------------------------|----------------|------------------------|----------------|----------------------------|---------------------------|-------------------|-----------------------|-------|----------|--|--|
| FarmNr<br>Regnr      | Parent<br>Verification | Name     | % Inbr-<br>ding | LMI               | LPI | EFI         | BWI          | Milk<br>Index <i>R</i>          | BFat<br>Index <i>R</i> | BFat%<br>Index | Prot<br>Index <i>R</i> | Prot%<br>Index | Somatics<br>Index <i>R</i> | CalvInt<br>Index <i>R</i> | HLife<br><i>R</i> | Sire                  | Dam   | BYr      |  |  |
| Breed Average:       |                        |          | 8.73            | 105               | 104 | 0.37        | -0.15        | 26                              | 5.2                    | 0.04           | 4.1                    | 0.03           | 102                        | -0.8                      | 103               |                       |       |          |  |  |
| 25022<br>937085512   | TUKS 25022             | ADEBAYO  | 9.43            | 121               | 120 | 1.83<br>122 | -0.23<br>97  | GM 186<br>105                   | GM 32.2<br>37          | 0.23<br>119    | GM 17.2<br>117         | 0.10<br>37     | GM 5.6<br>104              | M 2.8<br>95               | M 106<br>36       | FB 8084 ADEBAYO-P-ET  | 21019 | 2021     |  |  |
| 25023<br>937085520   | TUKS                   |          | 9.80            | 105               | 110 | 0.79<br>109 | 0.21<br>103  | M 308<br>108                    | M 12.1<br>29           | 0.00<br>107    | M 10.9<br>111          | 0.01<br>23     | M -1.8<br>101              | M 1.4<br>97               | M 83<br>21        | RONELEE DAGWOOD ET    | 22017 | 2022     |  |  |
| 25024<br>937085553   | TUKS 25024             | ADEBAYO  | 8.91            | 115               | 113 | 1.19<br>114 | -0.35<br>96  | M 219<br>106                    | M 14.9<br>30           | 0.06<br>109    | M 16.8<br>116          | 0.09<br>29     | M -8.6<br>113              | M -0.1<br>107             | M 104<br>23       | FB 8084 ADEBAYO-P-ET  | 23019 | 2023     |  |  |
| 25025<br>937085579   | TUKS 25025             | ADEBAYO  | 8.39            | 113               | 109 | 1.00<br>112 | -1.11<br>87  | GM 183<br>105                   | GM 8.4<br>37           | 0.01<br>105    | GM 14.3<br>111         | 0.08<br>36     | GM 6.3<br>105              | M -3.9<br>107             | M 106<br>36       | FB 8084 ADEBAYO-P-ET  | 23022 | 2023     |  |  |
| 25026<br>937089126   | TUKS 25026             |          | 10.10           | 120               | 113 | 1.27<br>115 | -0.61<br>93  | GM 359<br>109                   | GM 0.5<br>38           | -0.04<br>106   | GM 23.2<br>123         | 0.10<br>37     | GM 14.2<br>111             | M -1.4<br>103             | M 116<br>37       | FB 8084 ADEBAYO-P-ET  | 21023 | 2021     |  |  |
| 25109<br>937030781   | TUKS 25109             |          | 7.46            | 112               | 117 | 1.40<br>117 | -0.01<br>100 | GM 634<br>116                   | GM 3.9<br>42           | -0.10<br>108   | GM 26.6<br>126         | 0.05<br>40     | GM 1.9<br>99               | M 5.7<br>89               | M 92<br>36        | BADGER S-S-I ZAPPA ET | 21003 | 2021     |  |  |
| Year of Birth : 2026 |                        |          |                 |                   |     |             |              |                                 |                        |                |                        |                |                            |                           |                   |                       |       |          |  |  |
| 26001<br>937089050   | TUKS 26001             |          | 9.86            | 116               | 116 | 1.51<br>118 | -0.49<br>94  | M 280<br>107                    | M 21.4<br>28           | 0.09<br>113    | M 18.4<br>118          | 0.08<br>26     | M -2.5<br>102              | M 2.0<br>96               | M 102<br>20       | FB 8084 ADEBAYO-P-ET  | 24007 | 2024     |  |  |
| 26002<br>937089068   | TUKS 26002             |          | 10.21           | 111               | 108 | 0.76<br>109 | -0.20<br>98  | M 153<br>104                    | M 7.7<br>28            | 0.01<br>105    | M 13.3<br>113          | 0.08<br>26     | M -9.9<br>108              | M 1.8<br>97               | M 107<br>21       | FB 8084 ADEBAYO-P-ET  | 24009 | 2024     |  |  |
| 26004<br>937089084   | TUKS 26004             |          | 10.03           | 109               | 104 | 0.49<br>106 | -0.43<br>95  | M 19<br>101                     | M 4.7<br>30            | 0.04<br>103    | M 7.1<br>107           | 0.06<br>29     | M -7.2<br>109              | M -2.1<br>106             | M 113<br>22       | FB 8084 ADEBAYO-P-ET  | 22037 | 2022     |  |  |
| 26005<br>937096691   | TUKS 26005             |          | 9.52            | 117               | 117 | 1.57<br>119 | -0.64<br>92  | M 339<br>109                    | M 17.2<br>31           | 0.03<br>110    | M 24.4<br>124          | 0.12<br>30     | M -4.3<br>103              | M 3.5<br>93               | M 104<br>24       | FB 8084 ADEBAYO-P-ET  | 22062 | 2022     |  |  |
| 26006<br>937096709   | TUKS 26006             | ADEBAYO  | 10.29           | 111               | 103 | 0.36<br>104 | -0.33<br>96  | M 3<br>100                      | M -0.2<br>30           | 0.00<br>100    | M 9.7<br>110           | 0.09<br>29     | M 13.2<br>113              | M -3.6<br>110             | M 118<br>20       | FB 8084 ADEBAYO-P-ET  | 23008 | 2023     |  |  |
| 26007<br>937096717   | TUKS 26007             | ADEBAYO  | 8.14            | 108               | 101 | 0.30<br>104 | -0.64<br>92  | GM -14<br>100                   | GM 5.9<br>38           | -0.05<br>97    | GM 12.4<br>112         | 0.12<br>37     | GM 1.9<br>102              | M -5.3<br>110             | M 121<br>36       | FB 8084 ADEBAYO-P-ET  | 1904  | 2019     |  |  |
| 26008<br>937096725   | TUKS 26008             | ADEBAYO  | 8.59            | 113               | 111 | 1.10<br>113 | -0.56<br>93  | M 234<br>106                    | M 12.1<br>26           | 0.02<br>107    | M 16.7<br>116          | 0.08<br>25     | M -0.5<br>100              | M 1.0<br>98               | M 111<br>24       | FB 8084 ADEBAYO-P-ET  | 23002 | 2023     |  |  |
| 26009<br>937098200   | TUKS 26009             |          | 8.21            | 113               | 111 | 1.04<br>113 | -0.69<br>92  | GM 362<br>109                   | GM 8.2<br>38           | -0.06<br>105   | GM 18.1<br>118         | 0.05<br>37     | GM 0.4<br>100              | M 1.4<br>97               | M 115<br>36       | FB 8084 ADEBAYO-P-ET  | 1835  | 2018     |  |  |
| 26010<br>937098218   | TUKS 26010             |          | 10.74           | 114               | 113 | 1.17<br>114 | -0.09<br>99  | M 120<br>103                    | M 19.1<br>26           | 0.13<br>112    | M 12.7<br>112          | 0.08<br>24     | M -6.7<br>105              | M 1.2<br>98               | M 103<br>20       | FB 8084 ADEBAYO-P-ET  | 23007 | 2023     |  |  |
| 26011<br>937098226   | TUKS 26011             | ADERBAYO | 11.63           | 113               | 112 | 1.02<br>112 | -0.06<br>99  | M 183<br>105                    | M 14.4<br>22           | 0.06<br>109    | M 14.3<br>114          | 0.08<br>21     | M -5.2<br>104              | M -0.4<br>101             | M 106<br>20       | FB 8084 ADEBAYO-P-ET  | 24010 | 2024     |  |  |
| 26012<br>937098234   | TUKS 26012             | DEBAYO   | 8.76            | 118               | 111 | 1.19<br>114 | -1.08<br>87  | GM 153<br>104                   | GM 2.5<br>38           | 0.06<br>108    | GM 15.2<br>115         | 0.09<br>37     | GM 12.9<br>113             | M -4.3<br>110             | M 113<br>36       | FB 8084 ADEBAYO-P-ET  | 21027 | 2021     |  |  |
| 26013<br>937098242   | TUKS 26013             | ADEBAYO  | 10.83           | 114               | 112 | 1.13<br>114 | -0.32<br>96  | M 108<br>103                    | M 15.4<br>23           | 0.10<br>109    | M 14.6<br>114          | 0.10<br>22     | M -9.5<br>107              | M 0.3<br>99               | M 104<br>20       | FB 8084 ADEBAYO-P-ET  | 24023 | 2024     |  |  |
| 26014<br>937102853   | TUKS 26014             |          | 8.59            | 113               | 111 | 1.10<br>113 | -0.56<br>93  | M 234<br>106                    | M 12.1<br>26           | 0.02<br>107    | M 16.7<br>116          | 0.08<br>25     | M -0.5<br>100              | M 0.5<br>99               | M 111<br>24       | FB 8084 ADEBAYO-P-ET  | 23001 | 2023     |  |  |
| 26015<br>937102861   | TUKS 26015             |          | 12.20           | 118               | 117 | 1.57<br>119 | -0.54<br>94  | M 396<br>110                    | M 18.2<br>23           | 0.02<br>111    | M 23.5<br>123          | 0.09<br>21     | M -8.4<br>113              | M 3.2<br>107              | M 105<br>20       | FB 8084 ADEBAYO-P-ET  | 24014 | 2024     |  |  |
| 26016<br>937102838   | TUKS 26016             |          | 7.61            | 113               | 113 | 1.30<br>116 | -0.62<br>93  | GM 205<br>105                   | GM 2.9<br>37           | 0.04<br>108    | GM 21.1<br>121         | 0.13<br>37     | GM 2.7<br>102              | M 1.6<br>97               | M 101<br>36       | FB 8084 ADEBAYO-P-ET  | 21003 | 2021     |  |  |

# Heifers

Animals are sorted on farmer number within birth year

\*Inbreeding in red is high

Top 10% of the breed

Bottom 10% of the breed

Above breed average

R = Reliability

G = Genomically tested

M = Blended with sire's MACE (International) EBVs

GM = Blended with sire's GMACE EBVs

| Heifer                      |                        |      |                 | Selection Indices |     |             |             | Estimated Breeding Values (EBV) |               |                |                |                |                   |                  |              |                         |       | Pedigree |  |  |
|-----------------------------|------------------------|------|-----------------|-------------------|-----|-------------|-------------|---------------------------------|---------------|----------------|----------------|----------------|-------------------|------------------|--------------|-------------------------|-------|----------|--|--|
| FarmNr<br>Regnr             | Parent<br>Verification | Name | % Inbr-<br>ding | LMI               | LPI | EFI         | BWI         | Milk<br>Index                   | BFat<br>Index | BFat%<br>Index | Prot<br>Index  | Prot%<br>Index | Somatics<br>Index | CalvInt<br>Index | HLife<br>R   | Sire                    | Dam   | BYr      |  |  |
| Breed Average:              |                        |      | 8.73            | 105               | 104 | 0.37        | -0.15       | 26                              | 5.2           | 0.04           | 4.1            | 0.03           | 102               | -0.8             | 103          |                         |       |          |  |  |
| 26017<br>937102846          | TUKS 26017             |      | 7.61            | 113               | 113 | 1.30<br>116 | -0.62<br>93 | GM 205<br>105                   | GM 2.9<br>37  | 0.04<br>108    | GM 21.1<br>121 | 0.13<br>37     | GM 2.7<br>102     | M 1.6<br>36      | M 101<br>36  | FB 8084 ADEBAYO-P-ET    | 21003 | 2021     |  |  |
| 26018<br>937102812          | TUKS 26018ADEBAYO      |      | 7.99            | 111               | 107 | 0.87<br>110 | -0.93<br>89 | M 77<br>102                     | M 7.5<br>30   | 0.04<br>105    | M 12.2<br>112  | 0.09<br>28     | M -1.9<br>102     | M -2.1<br>25     | M 112<br>23  | FB 8084 ADEBAYO-P-ET    | 23011 | 2023     |  |  |
| 26019<br>937102820          | TUKS 26019ADEBAYO      |      | 7.99            | 111               | 107 | 0.87<br>110 | -0.93<br>89 | M 77<br>102                     | M 7.5<br>30   | 0.04<br>105    | M 12.2<br>112  | 0.09<br>28     | M -1.9<br>102     | M -2.1<br>25     | M 112<br>23  | FB 8084 ADEBAYO-P-ET    | 23011 | 2023     |  |  |
| 26020<br>937102796          | TUKS                   |      | 10.25           | 114               | 110 | 1.04<br>113 | -0.68<br>92 | M -7<br>100                     | M 14.9<br>26  | 0.14<br>109    | M 10.5<br>110  | 0.10<br>25     | M 12.8<br>110     | M -0.6<br>23     | M 108<br>21  | FB 8084 ADEBAYO-P-ET    | 24013 | 2024     |  |  |
| 26021<br>7017035986         | 26021ADEBAYO           |      | 7.39            | 120               | 116 | 1.55<br>119 | -0.62<br>93 | M 267<br>107                    | M 21.6<br>31  | 0.10<br>113    | M 18.3<br>118  | 0.09<br>29     | M -9.7<br>108     | M 0.2<br>25      | M 108<br>22  | FB 8084 ADEBAYO-P-ET    | 20033 | 2020     |  |  |
| 26022<br>937103802          | TUKS 26022ADEBAYO      |      | 10.49           | 116               | 112 | 1.15<br>114 | -0.33<br>96 | M 129<br>103                    | M 16.6<br>25  | 0.11<br>110    | M 13.7<br>113  | 0.09<br>24     | M 13.8<br>111     | M -2.3<br>23     | M 105<br>21  | FB 8084 ADEBAYO-P-ET    | 23024 | 2023     |  |  |
| 26023<br>937107043          | TUKS 26023PILLBOX      |      | 11.43           | 129               | 122 | 1.94<br>123 | -0.10<br>99 | GM 324<br>108                   | GM 4.0<br>25  | 0.19<br>121    | GM 18.6<br>110 | 0.07<br>23     | GM 11.1<br>109    | GM 1.5<br>25     | GM 126<br>23 | DENOVO 20057 PILLBOX-ET | 24021 | 2024     |  |  |
| 26027<br>937102770          | TUKS                   |      | 8.05            | 114               | 110 | 1.27<br>115 | -1.35<br>84 | GM -20<br>99                    | GM 5.1<br>38  | 0.15<br>109    | GM 13.2<br>113 | 0.13<br>37     | GM 9.5<br>107     | M 1.3<br>36      | M 105<br>36  | FB 8084 ADEBAYO-P-ET    | 20015 | 2020     |  |  |
|                             |                        |      |                 |                   |     |             |             |                                 |               |                |                |                |                   |                  |              |                         |       |          |  |  |
| Average (Heifers in Herd):  |                        |      | 9.25            | 111               | 109 | 0.83        | -0.15       | 114                             | 12.3          | 0.07           | 10.2           | 0.06           | 105               | -0.5             | 105.0        |                         |       |          |  |  |
| Number: 89                  |                        |      |                 |                   |     |             |             |                                 |               |                |                |                |                   |                  |              |                         |       |          |  |  |
| Average (Heifers in Breed): |                        |      | 9.49            | 111               | 108 | 0.72        | -0.02       | 113                             | 11.2          | 0.06           | 8.6            | 0.05           | 104               | -0.4             | 107.3        |                         |       |          |  |  |
| Number: 6036                |                        |      |                 |                   |     |             |             |                                 |               |                |                |                |                   |                  |              |                         |       |          |  |  |

# Selection List: Logix Merit Index (LMI)

Animals are sorted on **LMI**

\*Inbreeding above 6.25 is high!

Top 25% of the herd

Bottom 25% of the herd

R = Reliability

Above breed average

Top 10% of the breed

Bottom 10% of the breed

| Cow Information |                     |                       |                |                   | Indices |     |             |              | Breeding Values |               |               |                 |                 |              |                  |            |                           |       | Pedigree |  |
|-----------------|---------------------|-----------------------|----------------|-------------------|---------|-----|-------------|--------------|-----------------|---------------|---------------|-----------------|-----------------|--------------|------------------|------------|---------------------------|-------|----------|--|
| Rank            | FarmNr<br>CompNr    | Name                  | Birth.<br>Year | % In-<br>breeding | LMI     | LPI | EFI         | BWI          | Milk<br>Index   | RFat<br>Index | Prot<br>Index | RFat %<br>Index | Prot %<br>Index | Som<br>Index | CalvInt<br>Index | HLife<br>R | Sire                      | Dam   |          |  |
| 1               | 26023<br>937107043  | TUKS 26023PILLBOX     | 2026           | 11.43             | 129     | 122 | 1.94<br>123 | -0.10<br>99  | 324<br>108      | 34.0<br>25    | 18.6<br>21    | 0.19<br>110     | 0.07<br>110     | -11.1<br>109 | 1.5<br>25        | 126<br>97  | DENOVO 20057 PILLBOX-ET   | 24021 |          |  |
| 2               | 25016<br>937052413  | TUKS 25016            | 2025           | 8.40              | 127     | 128 | 2.15<br>126 | 0.78<br>109  | 749<br>119      | 36.8<br>34    | 26.7<br>31    | 0.06<br>126     | 0.01<br>103     | 6.2<br>95    | 6.1<br>34        | 118<br>88  | SANDY-VALLEY TAOS EAST-ET | 21020 |          |  |
| 3               | 25002<br>937014173  | TUKS 25002            | 2025           | 7.60              | 125     | 128 | 2.15<br>126 | 1.42<br>117  | 253<br>107      | 52.3<br>43    | 12.7<br>40    | 0.38<br>112     | 0.04<br>120     | -12.9<br>106 | 4.0<br>110       | 92<br>37   | DENOVO 17150 BOVEC50-ET   | 20016 |          |  |
| 4               | 20033<br>936849215  | TUKS 20033            | 2020           | 6.32              | 124     | 123 | 1.76<br>121 | 0.40<br>105  | 540<br>114      | 30.3<br>75    | 20.8<br>75    | 0.08<br>120     | 0.02<br>104     | -9.8<br>108  | -0.4<br>74       | 104<br>74  | MOVER P RF                | 1609  |          |  |
| 5               | 25021<br>937074342  | TUKS 25021PHYTHAGORUS | 2025           | 10.43             | 121     | 115 | 1.06<br>113 | 0.75<br>109  | 375<br>110      | 18.3<br>26    | 15.4<br>22    | 0.03<br>115     | 0.03<br>102     | -21.0<br>116 | -4.8<br>24       | 110<br>109 | PROGENESIS PYTHAGORAS ET  | 22029 |          |  |
| 6               | 25022<br>937085512  | TUKS 25022ADEBAYO     | 2025           | 9.43              | 121     | 120 | 1.83<br>122 | -0.23<br>97  | 186<br>105      | 32.2<br>37    | 17.2<br>37    | 0.23<br>117     | 0.10<br>112     | -5.6<br>104  | 2.8<br>37        | 106<br>95  | FB 8084 ADEBAYO-P-ET      | 21019 |          |  |
| 7               | 24030<br>936999549  | TUKS 24030            | 2024           | 8.93              | 121     | 120 | 1.79<br>121 | 0.07<br>101  | 125<br>103      | 34.3<br>43    | 14.9<br>40    | 0.27<br>115     | 0.10<br>114     | -12.0<br>109 | 0.3<br>37        | 97<br>99   | DENOVO 17150 BOVEC50-ET   | 1947  |          |  |
| 8               | 24031<br>936999556  | TUKS 24031            | 2024           | 8.93              | 121     | 120 | 1.79<br>121 | 0.07<br>101  | 125<br>103      | 34.3<br>43    | 14.9<br>40    | 0.27<br>115     | 0.10<br>114     | -12.0<br>109 | 0.3<br>37        | 97<br>99   | DENOVO 17150 BOVEC50-ET   | 1947  |          |  |
| 9               | 25026<br>937089126  | TUKS 25026            | 2025           | 10.10             | 120     | 113 | 1.27<br>115 | -0.61<br>93  | 359<br>109      | 10.5<br>38    | 23.2<br>37    | -0.04<br>123    | 0.10<br>98      | -14.2<br>114 | -1.4<br>37       | 116<br>103 | FB 8084 ADEBAYO-P-ET      | 21023 |          |  |
| 10              | 24033<br>936999572  | TUKS 24033            | 2024           | 9.41              | 120     | 119 | 1.74<br>121 | -0.19<br>98  | -53<br>99       | 35.3<br>43    | 11.2<br>40    | 0.35<br>111     | 0.12<br>118     | -10.6<br>108 | -1.4<br>36       | 96<br>103  | DENOVO 17150 BOVEC50-ET   | 1908  |          |  |
| 11              | 26021<br>7017035986 | 26021ADEBAYO          | 2026           | 7.39              | 120     | 116 | 1.55<br>119 | -0.62<br>93  | 267<br>107      | 21.6<br>31    | 18.3<br>28    | 0.10<br>118     | 0.09<br>113     | -9.7<br>108  | 0.2<br>25        | 108<br>100 | FB 8084 ADEBAYO-P-ET      | 20033 |          |  |
| 12              | 25006<br>937030823  | TUKS 25006            | 2025           | 8.62              | 119     | 117 | 1.42<br>117 | -0.62<br>93  | 697<br>118      | 14.4<br>34    | 22.4<br>31    | -0.12<br>122    | -0.01<br>94     | 10.4<br>98   | 4.0<br>34        | 128<br>92  | SANDY-VALLEY TAOS EAST-ET | 1835  |          |  |
| 13              | 24017<br>936963651  | TUKS 24017            | 2024           | 10.41             | 119     | 113 | 0.79<br>109 | 1.93<br>123  | -87<br>98       | 27.7<br>26    | 3.8<br>23     | 0.29<br>104     | 0.06<br>115     | -9.5<br>109  | -6.4<br>107      | 115<br>112 | LADYS-MANOR OVERVIEW ET   | 22009 |          |  |
| 14              | 24025<br>936999499  | TUKS 24025            | 2024           | 11.40             | 118     | 119 | 1.51<br>118 | 0.60<br>107  | 137<br>104      | 35.7<br>35    | 7.5<br>31     | 0.28<br>107     | 0.03<br>115     | -15.1<br>104 | -1.8<br>23       | 89<br>103  | DENOVO 17150 BOVEC50-ET   | 22017 |          |  |
| 15              | 25005<br>937017614  | TUKS 25005BOVEC       | 2025           | 8.76              | 118     | 118 | 1.64<br>120 | -0.38<br>95  | 90<br>102       | 32.3<br>43    | 9.5<br>40     | 0.27<br>109     | 0.06<br>114     | -10.3<br>109 | -0.5<br>37       | 96<br>101  | DENOVO 17150 BOVEC50-ET   | 20024 |          |  |
| 16              | 24111<br>936960707  | TUKS 24111            | 2024           | 8.03              | 118     | 108 | 0.42<br>105 | 1.78<br>121  | -190<br>95      | 16.9<br>34    | 4.7<br>32     | 0.23<br>105     | 0.10<br>112     | -24.5<br>114 | -7.3<br>36       | 119<br>114 | LADYS-MANOR OVERVIEW ET   | 1938  |          |  |
| 17              | 26015<br>937102861  | TUKS 26015            | 2026           | 12.20             | 118     | 117 | 1.57<br>119 | -0.54<br>94  | 396<br>110      | 18.2<br>23    | 23.5<br>21    | 0.02<br>123     | 0.09<br>101     | -8.4<br>113  | 3.2<br>107       | 105<br>94  | FB 8084 ADEBAYO-P-ET      | 24014 |          |  |
| 18              | 24034<br>936999580  | TUKS 24034BOVEC       | 2024           | 7.69              | 118     | 118 | 1.57<br>119 | 0.02<br>100  | 223<br>106      | 30.5<br>43    | 12.3<br>40    | 0.20<br>112     | 0.04<br>111     | -16.0<br>106 | 2.3<br>37        | 92<br>95   | DENOVO 17150 BOVEC50-ET   | 20010 |          |  |
| 19              | 26012<br>937098234  | TUKS 26012DEBAYO      | 2026           | 8.76              | 118     | 111 | 1.19<br>114 | -1.08<br>87  | 153<br>104      | 12.5<br>38    | 15.2<br>37    | 0.06<br>115     | 0.09<br>103     | -12.9<br>113 | -4.3<br>38       | 113<br>108 | FB 8084 ADEBAYO-P-ET      | 21027 |          |  |
| 20              | 1917<br>88719117    | 1917 INTACT           | 2019           | 5.68              | 117     | 123 | 1.64<br>120 | -0.01<br>100 | 1099<br>129     | 26.5<br>79    | 16.3<br>77    | -0.15<br>116    | -0.17<br>92     | 6.8<br>76    | 8.3<br>95        | 103<br>84  | INTACT                    | 1606  |          |  |
| 21              | 21020<br>91970491   | TUKS 21020MOVER       | 2021           | 6.79              | 117     | 125 | 1.57<br>119 | 2.16<br>126  | 542<br>114      | 37.3<br>79    | 17.1<br>79    | 0.14<br>117     | -0.01<br>107    | 4.6<br>98    | 6.5<br>75        | 94<br>87   | MOVER P RF                | 1814  |          |  |
| 22              | 24015<br>936960814  | TUKS 24015            | 2024           | 8.82              | 117     | 120 | 1.87<br>123 | -0.34<br>96  | 61<br>102       | 36.9<br>74    | 11.8<br>74    | 0.32<br>112     | 0.09<br>113     | 6.7<br>95    | 1.4<br>74        | 97<br>73   | FAIRMONT RIDGELINE.       | 1935  |          |  |
| 23              | 25012<br>937044014  | TUKS 25012 BOVEC50    | 2025           | 8.11              | 117     | 115 | 1.53<br>118 | -0.71<br>92  | -166<br>96      | 31.6<br>43    | 5.8<br>40     | 0.36<br>106     | 0.11<br>119     | -13.4<br>110 | -1.9<br>37       | 95<br>104  | DENOVO 17150 BOVEC50-ET   | 20015 |          |  |

# Selection List: Logix Merit Index (LMI)

Animals are sorted on **LMI**

\*Inbreeding above 6.25 is high!

Top 25% of the herd

Bottom 25% of the herd

R = Reliability

Above breed average

Top 10% of the breed

Bottom 10% of the breed

| Cow Information |                    |                      |                |                   | Indices |     |             |              | Breeding Values |               |               |                 |                 |              |                  |            |                             |       |  | Pedigree |  |
|-----------------|--------------------|----------------------|----------------|-------------------|---------|-----|-------------|--------------|-----------------|---------------|---------------|-----------------|-----------------|--------------|------------------|------------|-----------------------------|-------|--|----------|--|
| Rank            | FarmNr<br>CompNr   | Name                 | Birth.<br>Year | % In-<br>breeding | LMI     | LPI | EFI         | BWI          | Milk<br>Index   | RFat<br>Index | Prot<br>Index | RFat %<br>Index | Prot %<br>Index | Som<br>Index | CalvInt<br>Index | HLife<br>R | Sire                        | Dam   |  |          |  |
| 24              | 26005<br>937096691 | TUKS 26005           | 2026           | 9.52              | 117     | 117 | 1.57<br>119 | -0.64<br>92  | 339<br>109      | 17.2<br>31    | 24.4<br>110   | 0.03<br>102     | 0.12<br>117     | -4.3<br>103  | 3.5<br>27        | 104<br>93  | FB 8084 ADEBAYO-P-ET        | 22062 |  |          |  |
| 25              | 24036<br>936999606 | TUKS 24036BOVEC      | 2024           | 10.16             | 117     | 119 | 1.74<br>121 | -0.23<br>97  | -66<br>98       | 35.1<br>35    | 11.4<br>121   | 0.35<br>32      | 0.13<br>118     | -1.0<br>101  | -2.5<br>26       | 90<br>105  | DENOVO 17150 BOVEC50-ET     | 22024 |  |          |  |
| 26              | 26022<br>937103802 | TUKS 26022ADEBAYO    | 2026           | 10.49             | 116     | 112 | 1.15<br>114 | -0.33<br>96  | 129<br>103      | 16.6<br>25    | 13.7<br>24    | 0.11<br>106     | 0.09<br>113     | -13.8<br>111 | -2.3<br>23       | 105<br>104 | FB 8084 ADEBAYO-P-ET        | 23024 |  |          |  |
| 27              | 26001<br>937089050 | TUKS 26001           | 2026           | 9.86              | 116     | 116 | 1.51<br>118 | -0.49<br>94  | 280<br>107      | 21.4<br>28    | 18.4<br>113   | 0.09<br>25      | 0.08<br>118     | -2.5<br>102  | 2.0<br>22        | 102<br>96  | FB 8084 ADEBAYO-P-ET        | 24007 |  |          |  |
| 28              | 25007<br>937043941 | TUKS 25007           | 2025           | 8.41              | 116     | 115 | 1.42<br>117 | -0.42<br>95  | 131<br>103      | 21.8<br>31    | 16.2<br>113   | 0.15<br>28      | 0.11<br>116     | 1.0<br>99    | -0.2<br>26       | 106<br>100 | FB 8084 ADEBAYO-P-ET        | 23010 |  |          |  |
| 29              | 21019<br>91950428  | TUKS 21019INTACT     | 2021           | 5.99              | 116     | 120 | 1.62<br>119 | 0.74<br>109  | 82<br>102       | 40.4<br>78    | 6.4<br>124    | 0.34<br>77      | 0.03<br>106     | 2.8<br>98    | 5.2<br>75        | 95<br>90   | INTACT                      | 1519  |  |          |  |
| 30              | 24026<br>936999507 | TUKS 24026           | 2024           | 12.25             | 115     | 113 | 1.10<br>113 | 0.12<br>102  | 38<br>101       | 24.2<br>35    | 6.0<br>115    | 0.21<br>33      | 0.04<br>111     | -12.8<br>110 | -3.3<br>25       | 98<br>106  | DENOVO 17150 BOVEC50-ET     | 22016 |  |          |  |
| 31              | 25011<br>937044006 | TUKS 25011BOVEC 50   | 2025           | 7.40              | 115     | 114 | 1.38<br>117 | -0.57<br>93  | 38<br>101       | 23.2<br>43    | 11.6<br>114   | 0.20<br>41      | 0.10<br>111     | -5.3<br>104  | -0.7<br>37       | 101<br>101 | DENOVO 17150 BOVEC50-ET     | 22007 |  |          |  |
| 32              | 25010<br>937043990 | TUKS 25010           | 2025           | 9.13              | 115     | 114 | 1.30<br>116 | -0.66<br>92  | 505<br>113      | 11.9<br>27    | 21.1<br>107   | -0.07<br>23     | 0.04<br>121     | 7.8<br>24    | 2.5<br>96        | 117<br>95  | SANDY-VALLEY TAOS EAST-ET   | 23012 |  |          |  |
| 33              | 25017<br>937052421 | TUKS 25017           | 2025           | 8.70              | 115     | 112 | 1.17<br>114 | -0.75<br>91  | 391<br>110      | 11.6<br>23    | 17.5<br>107   | -0.04<br>20     | 0.04<br>117     | 11.6<br>107  | -1.7<br>22       | 122<br>103 | SANDY-VALLEY TAOS EAST-ET   | 23018 |  |          |  |
| 34              | 22004<br>93266088  | TUKS 22004 INTACT    | 2022           | 8.01              | 115     | 117 | 1.45<br>117 | -0.02<br>100 | 437<br>111      | 21.1<br>48    | 19.1<br>113   | 0.03<br>42      | 0.04<br>109     | -7.3<br>106  | 7.8<br>26        | 98<br>85   | INTACT                      | 1938  |  |          |  |
| 35              | 25024<br>937085553 | TUKS 25024ADEBAYO    | 2025           | 8.91              | 115     | 113 | 1.19<br>114 | -0.35<br>96  | 219<br>106      | 14.9<br>30    | 16.8<br>109   | 0.06<br>29      | 0.09<br>113     | -8.6<br>107  | -0.1<br>26       | 104<br>100 | FB 8084 ADEBAYO-P-ET        | 23019 |  |          |  |
| 36              | 23014<br>936898642 | TUKS 23014 VECOMO    | 2023           | 8.09              | 115     | 110 | 0.98<br>112 | -0.47<br>94  | 128<br>103      | 18.2<br>80    | 5.2<br>111    | 0.12<br>78      | 0.01<br>105     | -13.0<br>101 | 3.4<br>110       | 113<br>93  | S-S-I LA RIVETING VEKOMA-ET | 21015 |  |          |  |
| 37              | 25015<br>937052405 | TUKS 25015ADEBAYO    | 2025           | 11.56             | 115     | 114 | 1.27<br>115 | -0.06<br>99  | -41<br>99       | 22.6<br>29    | 13.0<br>114   | 0.23<br>27      | 0.13<br>113     | -6.5<br>105  | 0.4<br>24        | 101<br>99  | FB 8084 ADEBAYO-P-ET        | 22006 |  |          |  |
| 38              | 24035<br>936999598 | TUKS 24035ADEBAYO    | 2024           | 7.76              | 114     | 109 | 1.04<br>113 | -1.23<br>85  | 145<br>104      | 8.6<br>25     | 14.7<br>105   | 0.03<br>24      | 0.09<br>113     | -9.2<br>107  | -2.0<br>24       | 113<br>104 | FB 8084 ADEBAYO-P-ET        | 22010 |  |          |  |
| 39              | 25020<br>937074359 | TUKS 25020           | 2025           | 7.63              | 114     | 110 | 0.89<br>111 | -0.29<br>97  | 164<br>104      | 11.3<br>37    | 12.5<br>107   | 0.04<br>36      | 0.06<br>112     | -19.9<br>109 | 2.4<br>37        | 108<br>95  | FB 8084 ADEBAYO-P-ET        | 21008 |  |          |  |
| 40              | 26020<br>937102796 | TUKS                 | 2026           | 10.25             | 114     | 110 | 1.04<br>113 | -0.68<br>92  | -7<br>100       | 14.9<br>26    | 10.5<br>109   | 0.14<br>25      | 0.10<br>110     | -12.8<br>110 | -0.6<br>23       | 108<br>101 | FB 8084 ADEBAYO-P-ET        | 24013 |  |          |  |
| 41              | 26010<br>937098218 | TUKS 26010           | 2026           | 10.74             | 114     | 113 | 1.17<br>114 | -0.09<br>99  | 120<br>103      | 19.1<br>26    | 12.7<br>112   | 0.13<br>24      | 0.08<br>107     | -6.7<br>111  | 1.2<br>105       | 103<br>98  | FB 8084 ADEBAYO-P-ET        | 23007 |  |          |  |
| 42              | 25003<br>937017598 | TUKS 25003FOXCATHER  | 2025           | 8.38              | 114     | 108 | 0.66<br>108 | 0.10<br>101  | 243<br>106      | 5.4<br>34     | 14.3<br>103   | -0.04<br>34     | 0.06<br>114     | -11.5<br>109 | -6.2<br>31       | 111<br>112 | BPS PANTHER FOXCATCHER-ET   | 21037 |  |          |  |
| 43              | 26013<br>937098242 | TUKS 26013ADEBAYO    | 2026           | 10.83             | 114     | 112 | 1.13<br>114 | -0.32<br>96  | 108<br>103      | 15.4<br>23    | 14.6<br>109   | 0.10<br>21      | 0.10<br>114     | -9.5<br>107  | 0.3<br>21        | 104<br>99  | FB 8084 ADEBAYO-P-ET        | 24023 |  |          |  |
| 44              | 25004<br>937017606 | TUKS 25004FOXCATCHER | 2025           | 8.38              | 114     | 108 | 0.66<br>108 | 0.10<br>101  | 243<br>106      | 5.4<br>34     | 14.3<br>103   | -0.04<br>34     | 0.06<br>114     | -11.5<br>109 | -6.2<br>31       | 111<br>112 | BPS PANTHER FOXCATCHER-ET   | 21037 |  |          |  |
| 45              | 21023<br>936876259 | TUKS 21023           | 2021           | 8.52              | 114     | 106 | 0.66<br>108 | -0.77<br>91  | 428<br>111      | -3.0<br>79    | 18.5<br>98    | -0.18<br>78     | 0.04<br>118     | -14.6<br>111 | -3.3<br>76       | 116<br>106 | BPS PANTHER FOXCATCHER-ET   | 1913  |  |          |  |
| 46              | 20014<br>90406489  | 20014                | 2020           | 7.06              | 114     | 108 | 1.00<br>112 | -1.08<br>87  | -44<br>99       | 16.5<br>31    | 4.1<br>110    | 0.17<br>27      | 0.05<br>104     | -15.8<br>109 | -4.0<br>107      | 103<br>112 | MOVER P RF                  | 1519  |  |          |  |

# Selection List: Logix Merit Index (LMI)

Animals are sorted on **LMI**

\*Inbreeding above 6.25 is high!

Top 25% of the herd

Bottom 25% of the herd

R = Reliability

Above breed average

Top 10% of the breed

Bottom 10% of the breed

| Cow Information |                    |                       |                |                   | Indices |     |             |              | Breeding Values |               |               |                 |                 |              |                  |            |                           |       | Pedigree |  |
|-----------------|--------------------|-----------------------|----------------|-------------------|---------|-----|-------------|--------------|-----------------|---------------|---------------|-----------------|-----------------|--------------|------------------|------------|---------------------------|-------|----------|--|
| Rank            | FarmNr<br>CompNr   | Name                  | Birth.<br>Year | % In-<br>breeding | LMI     | LPI | EFI         | BWI          | Milk<br>Index   | RFat<br>Index | Prot<br>Index | RFat %<br>Index | Prot %<br>Index | Som<br>Index | CalvInt<br>Index | HLife<br>R | Sire                      | Dam   |          |  |
| 47              | 26027<br>937102770 | TUKS                  | 2026           | 8.05              | 114     | 110 | 1.27<br>115 | -1.35<br>84  | -20<br>99       | 15.1<br>38    | 13.2<br>109   | 0.15<br>113     | 0.13<br>37      | -9.5<br>107  | 1.3<br>37        | 105<br>97  | FB 8084 ADEBAYO-P-ET      | 20015 |          |  |
| 48              | 26014<br>937102853 | TUKS 26014            | 2026           | 8.59              | 113     | 111 | 1.10<br>113 | -0.56<br>93  | 234<br>106      | 12.1<br>26    | 16.7<br>107   | 0.02<br>25      | 0.08<br>116     | -0.5<br>101  | 0.5<br>25        | 111<br>99  | FB 8084 ADEBAYO-P-ET      | 23001 |          |  |
| 49              | 25018<br>937074375 | TUKS 25018            | 2025           | 8.94              | 113     | 106 | 0.53<br>106 | 0.07<br>101  | 42<br>101       | 5.5<br>33     | 10.2<br>103   | 0.04<br>30      | 0.08<br>110     | -12.1<br>34  | -3.9<br>107      | 119<br>30  | PROGENESIS PYTHAGORAS ET  | 1905  |          |  |
| 50              | 26011<br>937098226 | TUKS 26011 ADERBAYO   | 2026           | 11.63             | 113     | 112 | 1.02<br>112 | -0.06<br>99  | 183<br>105      | 14.4<br>22    | 14.3<br>109   | 0.06<br>21      | 0.08<br>114     | -5.2<br>21   | -0.4<br>101      | 106<br>19  | FB 8084 ADEBAYO-P-ET      | 24010 |          |  |
| 51              | 26009<br>937098200 | TUKS 26009            | 2026           | 8.21              | 113     | 111 | 1.04<br>113 | -0.69<br>92  | 362<br>109      | 8.2<br>38     | 18.1<br>105   | -0.06<br>37     | 0.05<br>118     | -0.4<br>97   | 1.4<br>37        | 115<br>97  | FB 8084 ADEBAYO-P-ET      | 1835  |          |  |
| 52              | 20033<br>91500744  | 20033MOVER            | 2020           | 6.32              | 113     | 113 | 1.15<br>114 | -0.45<br>95  | 240<br>106      | 19.6<br>51    | 8.8<br>112    | 0.09<br>42      | 0.01<br>109     | -5.7<br>46   | 0.0<br>105       | 101<br>19  | MOVER P RF                | 1609  |          |  |
| 53              | 26008<br>937096725 | TUKS 26008ADEBAYO     | 2026           | 8.59              | 113     | 111 | 1.10<br>113 | -0.56<br>93  | 234<br>106      | 12.1<br>26    | 16.7<br>107   | 0.02<br>25      | 0.08<br>116     | -0.5<br>25   | 1.0<br>98        | 111<br>22  | FB 8084 ADEBAYO-P-ET      | 23002 |          |  |
| 54              | 24027<br>936999515 | TUKS 24027FOXCATCHER  | 2024           | 8.99              | 113     | 107 | 0.59<br>107 | 0.02<br>100  | 168<br>104      | 7.7<br>37     | 9.1<br>105    | 0.01<br>35      | 0.03<br>109     | -3.0<br>36   | -9.1<br>109      | 114<br>30  | BPS PANTHER FOXCATCHER-ET | 22022 |          |  |
| 55              | 24032<br>936999564 | TUKS 24032            | 2024           | 9.82              | 113     | 113 | 1.13<br>114 | -0.15<br>98  | 21<br>101       | 24.7<br>32    | 4.4<br>115    | 0.22<br>30      | 0.03<br>104     | -3.4<br>31   | -2.7<br>112      | 99<br>22   | DENOVO 17150 BOVEC50-ET   | 22013 |          |  |
| 56              | 25019<br>937074367 | TUKS 25019            | 2025           | 10.15             | 113     | 109 | 0.96<br>112 | -0.55<br>93  | 11<br>100       | 13.8<br>26    | 9.8<br>108    | 0.13<br>25      | 0.09<br>110     | -11.8<br>25  | 1.5<br>97        | 109<br>20  | FB 8084 ADEBAYO-P-ET      | 22027 |          |  |
| 57              | 26017<br>937102846 | TUKS 26017            | 2026           | 7.61              | 113     | 113 | 1.30<br>116 | -0.62<br>93  | 205<br>105      | 12.9<br>37    | 21.1<br>108   | 0.04<br>36      | 0.13<br>121     | -2.7<br>37   | 1.6<br>97        | 101<br>36  | FB 8084 ADEBAYO-P-ET      | 21003 |          |  |
| 58              | 26016<br>937102838 | TUKS 26016            | 2026           | 7.61              | 113     | 113 | 1.30<br>116 | -0.62<br>93  | 205<br>105      | 12.9<br>37    | 21.1<br>108   | 0.04<br>36      | 0.13<br>121     | -2.7<br>37   | 1.6<br>97        | 101<br>36  | FB 8084 ADEBAYO-P-ET      | 21003 |          |  |
| 59              | 25025<br>937085579 | TUKS 25025ADEBAYO     | 2025           | 8.39              | 113     | 109 | 1.00<br>112 | -1.11<br>87  | 183<br>105      | 8.4<br>37     | 14.3<br>105   | 0.01<br>36      | 0.08<br>114     | -6.3<br>36   | -3.9<br>107      | 106<br>36  | FB 8084 ADEBAYO-P-ET      | 23022 |          |  |
| 60              | 24040<br>937009157 | TUKS 24040 FOXCATCHER | 2024           | 31.28             | 113     | 103 | 0.23<br>103 | -0.10<br>99  | 266<br>107      | -4.6<br>37    | 11.6<br>97    | -0.14<br>35     | 0.02<br>113     | -16.4<br>32  | -8.7<br>117      | 119<br>30  | BPS PANTHER FOXCATCHER-ET | 21024 |          |  |
| 61              | 24038<br>937009132 | TUKS 24038 BOVEC 50   | 2024           | 11.08             | 113     | 109 | 0.76<br>109 | 0.22<br>103  | -128<br>97      | 21.3<br>35    | -0.3<br>113   | 0.25<br>32      | 0.04<br>100     | -10.9<br>33  | -5.3<br>113      | 102<br>19  | DENOVO 17150 BOVEC50-ET   | 22037 |          |  |
| 62              | 24001<br>936942077 | TUKS 24001            | 2024           | 7.35              | 112     | 113 | 1.04<br>113 | 0.47<br>106  | 230<br>106      | 19.4<br>31    | 11.7<br>112   | 0.09<br>30      | 0.04<br>111     | 1.2<br>30    | -2.4<br>104      | 99<br>23   | DELTA LUNAR               | 20033 |          |  |
| 63              | 25109<br>937030781 | TUKS 25109            | 2025           | 7.46              | 112     | 117 | 1.40<br>117 | -0.01<br>100 | 634<br>116      | 13.9<br>42    | 26.6<br>108   | -0.10<br>39     | 0.05<br>126     | 1.9<br>40    | 5.7<br>95        | 92<br>36   | BADGER S-S-I ZAPPA ET     | 21003 |          |  |
| 64              | 26018<br>937102812 | TUKS 26018ADEBAYO     | 2026           | 7.99              | 111     | 107 | 0.87<br>110 | -0.93<br>89  | 77<br>102       | 7.5<br>30     | 12.2<br>105   | 0.04<br>28      | 0.09<br>112     | -1.9<br>25   | -2.1<br>104      | 112<br>23  | FB 8084 ADEBAYO-P-ET      | 23011 |          |  |
| 65              | 26019<br>937102820 | TUKS 26019ADEBAYO     | 2026           | 7.99              | 111     | 107 | 0.87<br>110 | -0.93<br>89  | 77<br>102       | 7.5<br>30     | 12.2<br>105   | 0.04<br>28      | 0.09<br>112     | -1.9<br>25   | -2.1<br>104      | 112<br>23  | FB 8084 ADEBAYO-P-ET      | 23011 |          |  |
| 66              | 22009<br>93428480  | TUKS 22009 LIWAY SIL  | 2022           | 9.19              | 111     | 119 | 1.51<br>118 | 0.67<br>108  | 96<br>102       | 37.5<br>46    | 6.0<br>123    | 0.31<br>40      | 0.02<br>106     | 19.8<br>43   | 3.6<br>116       | 95<br>17   | LIWAY SIL                 | 1945  |          |  |
| 67              | 26002<br>937089068 | TUKS 26002            | 2026           | 10.21             | 111     | 108 | 0.76<br>109 | -0.20<br>98  | 153<br>104      | 7.7<br>28     | 13.3<br>105   | 0.01<br>25      | 0.08<br>113     | -9.9<br>23   | 1.8<br>97        | 107<br>21  | FB 8084 ADEBAYO-P-ET      | 24009 |          |  |
| 68              | 21004<br>936876341 | TUKS 21004            | 2021           | 7.32              | 111     | 106 | 0.72<br>109 | -0.94<br>89  | 100<br>103      | 5.0<br>80     | 10.4<br>103   | 0.01<br>78      | 0.07<br>110     | -20.9<br>75  | -3.8<br>107      | 97<br>74   | MOVER P RF                | 1744  |          |  |
| 69              | 26006<br>937096709 | TUKS 26006ADEBAYO     | 2026           | 10.29             | 111     | 103 | 0.36<br>104 | -0.33<br>96  | 3<br>100        | -0.2<br>30    | 9.7<br>100    | 0.00<br>28      | 0.09<br>113     | -13.2<br>110 | -3.6<br>25       | 118<br>20  | FB 8084 ADEBAYO-P-ET      | 23008 |          |  |

# Selection List: Logix Merit Index (LMI)

Animals are sorted on **LMI**

\*Inbreeding above 6.25 is high!

Top 25% of the herd

Bottom 25% of the herd

R = Reliability

Above breed average

Top 10% of the breed

Bottom 10% of the breed

| Cow Information |                    |                      |                |                   | Indices |     |              |              | Breeding Values |               |               |                 |                 |              |                  |            |                             |       | Pedigree |  |
|-----------------|--------------------|----------------------|----------------|-------------------|---------|-----|--------------|--------------|-----------------|---------------|---------------|-----------------|-----------------|--------------|------------------|------------|-----------------------------|-------|----------|--|
| Rank            | FarmNr<br>CompNr   | Name                 | Birth.<br>Year | % In-<br>breeding | LMI     | LPI | EFI          | BWI          | Milk<br>Index   | RFat<br>Index | Prot<br>Index | RFat %<br>Index | Prot %<br>Index | Som<br>Index | CalvInt<br>Index | HLife<br>R | Sire                        | Dam   |          |  |
| 70              | 24029<br>936999531 | TUKS 24029FOXCATCHER | 2024           | 9.77              | 111     | 105 | 0.32<br>104  | 0.59<br>107  | 164<br>104      | 5.8<br>36     | 6.1<br>35     | -0.01<br>99     | 0.01<br>101     | -10.1<br>108 | -7.3<br>114      | 108<br>25  | BPS PANTHER FOXCATCHER-ET   | 22015 |          |  |
| 71              | 1938<br>89343669   | 1938 DUNHILL         | 2019           | 6.70              | 110     | 109 | 0.70<br>108  | 0.71<br>109  | -36<br>99       | 15.2<br>80    | 8.7<br>77     | 0.16<br>108     | 0.09<br>113     | -8.2<br>106  | 1.5<br>75        | 103<br>74  | DUNHILL                     | 1734  |          |  |
| 72              | 22002<br>93024479  | TUKS 22002 LIWAY     | 2022           | 8.75              | 110     | 115 | 1.19<br>114  | 0.26<br>103  | 294<br>108      | 21.6<br>43    | 12.0<br>41    | 0.08<br>104     | 0.02<br>103     | 2.6<br>98    | 5.4<br>90        | 94<br>12   | LIWAY SIL                   | 1726  |          |  |
| 73              | 24011<br>936960764 | TUKS 24011RIDGLINE   | 2024           | 9.92              | 110     | 116 | 1.45<br>117  | -0.68<br>92  | 509<br>113      | 20.1<br>18    | 15.3<br>14    | 0.00<br>100     | -0.01<br>98     | 3.1<br>98    | 9.0<br>83        | 90<br>6    | FAIRMONT RIDGELINE.         | 1919  |          |  |
| 74              | 24014<br>936960806 | TUKS 24014RIDGELINE  | 2024           | 10.27             | 110     | 114 | 1.08<br>113  | 0.09<br>101  | 501<br>113      | 12.5<br>19    | 19.0<br>14    | -0.07<br>96     | 0.02<br>103     | -2.9<br>102  | 6.1<br>88        | 93<br>8    | FAIRMONT RIDGELINE.         | 20021 |          |  |
| 75              | 24020<br>936970003 | TUKS 24020           | 2024           | 8.46              | 110     | 101 | -0.24<br>97  | 1.64<br>120  | -108<br>97      | 0.9<br>34     | 2.1<br>32     | 0.05<br>103     | 0.05<br>107     | -19.4<br>115 | -5.1<br>36       | 120<br>110 | LADYS-MANOR OVERVIEW ET     | 1911  |          |  |
| 76              | 24015<br>97052302  | 24015RIDGELINE       | 2024           | 8.82              | 109     | 107 | 0.64<br>108  | -0.24<br>97  | 92<br>102       | 7.1<br>25     | 10.0<br>23    | 0.03<br>102     | 0.06<br>109     | -4.7<br>104  | 4.4<br>27        | 114<br>23  | FAIRMONT RIDGELINE.         | 1935  |          |  |
| 77              | 26004<br>937089084 | TUKS 26004           | 2026           | 10.03             | 109     | 104 | 0.49<br>106  | -0.43<br>95  | 19<br>101       | 4.7<br>30     | 7.1<br>28     | 0.04<br>102     | 0.06<br>109     | -7.2<br>106  | -2.1<br>25       | 113<br>104 | FB 8084 ADEBAYO-P-ET        | 22037 |          |  |
| 78              | 21027<br>936876275 | TUKS 21027           | 2021           | 6.98              | 109     | 101 | 0.40<br>105  | -1.26<br>85  | 16<br>100       | 1.1<br>79     | 2.5<br>79     | 0.00<br>100     | 0.02<br>103     | -12.0<br>109 | -8.9<br>77       | 109<br>117 | BPS PANTHER FOXCATCHER-ET   | 1931  |          |  |
| 79              | 24021<br>936970011 | TUKS 24021           | 2024           | 11.01             | 109     | 110 | 0.83<br>110  | -0.05<br>100 | 59<br>102       | 19.5<br>41    | 1.3<br>41     | 0.16<br>108     | -0.01<br>98     | -2.4<br>102  | 0.3<br>38        | 99<br>36   | S-S-I LA RIVETING VEKOMA-ET | 22012 |          |  |
| 80              | 26007<br>937096717 | TUKS 26007ADEBAYO    | 2026           | 8.14              | 108     | 101 | 0.30<br>104  | -0.64<br>92  | -14<br>100      | -5.9<br>38    | 12.4<br>37    | -0.05<br>97     | 0.12<br>117     | -1.9<br>102  | -5.3<br>37       | 121<br>110 | FB 8084 ADEBAYO-P-ET        | 1904  |          |  |
| 81              | 24012<br>936960798 | TUKS 24012RIDGLINE   | 2024           | 8.41              | 108     | 109 | 0.70<br>108  | -0.32<br>96  | 435<br>111      | 5.9<br>15     | 12.0<br>11    | -0.10<br>95     | -0.02<br>97     | 6.2<br>95    | 0.4<br>8         | 106<br>5   | FAIRMONT RIDGELINE.         | 1835  |          |  |
| 82              | 21006<br>936849223 | TUKS 21006           | 2021           | 5.84              | 108     | 118 | 1.66<br>120  | -0.65<br>92  | 178<br>105      | 30.6<br>52    | 10.4<br>42    | 0.21<br>110     | 0.04<br>106     | 9.0<br>93    | 8.1<br>25        | 78<br>84   | HADOCK                      | 1804  |          |  |
| 83              | 25013<br>937044022 | TUKS 25013           | 2025           | 8.43              | 108     | 107 | 0.55<br>107  | -0.19<br>98  | 304<br>108      | 2.9<br>34     | 12.2<br>31    | -0.08<br>96     | 0.02<br>103     | 3.7<br>97    | 6.3<br>34        | 118<br>88  | SANDY-VALLEY TAOS EAST-ET   | 1940  |          |  |
| 84              | 21041<br>92965086  | TUKS 21041 MOVER     | 2021           | 7.55              | 107     | 101 | 0.21<br>103  | -0.27<br>97  | -44<br>99       | -4.2<br>48    | 10.7<br>41    | -0.03<br>98     | 0.11<br>116     | -8.2<br>106  | -3.7<br>24       | 115<br>107 | MOVER P RF                  | 1904  |          |  |
| 85              | 22001<br>92965102  | TUKS 22001           | 2022           | 7.13              | 107     | 101 | 0.19<br>102  | -0.59<br>93  | 103<br>103      | -6.5<br>75    | 9.8<br>75     | -0.10<br>95     | 0.06<br>109     | -8.4<br>107  | -4.8<br>74       | 115<br>109 | MOVER P RF                  | 1939  |          |  |
| 86              | 23017<br>936905058 | TUKS 23017 LUNAR     | 2023           | 8.37              | 107     | 105 | 0.47<br>106  | -0.12<br>99  | 173<br>104      | 2.7<br>33     | 10.6<br>31    | -0.04<br>98     | 0.05<br>107     | -1.2<br>101  | -3.8<br>27       | 104<br>107 | DELTA LUNAR                 | 21023 |          |  |
| 87              | 22062<br>936795137 | TUKS 22062           | 2022           | 7.31              | 107     | 113 | 1.04<br>113  | 0.27<br>103  | 384<br>110      | 10.9<br>52    | 21.0<br>46    | -0.04<br>98     | 0.08<br>111     | 5.1<br>96    | 6.6<br>34        | 92<br>87   | DELTA LUNAR                 | 20021 |          |  |
| 88              | 23016<br>936900877 | TUKS 23016BRANTLEY   | 2023           | 8.24              | 107     | 109 | 0.70<br>108  | 0.39<br>105  | 83<br>102       | 14.7<br>32    | 6.7<br>27     | 0.10<br>105     | 0.04<br>106     | -9.0<br>107  | 2.9<br>19        | 90<br>94   | WILRA ABS BRANTLEY-ET       | 1947  |          |  |
| 89              | 24019<br>936969997 | TUKS 24019           | 2024           | 8.25              | 107     | 99  | -0.05<br>100 | 0.27<br>103  | -163<br>96      | 0.9<br>34     | -0.7<br>32    | 0.07<br>104     | 0.05<br>107     | -13.6<br>111 | -5.1<br>26       | 114<br>110 | S-S-I LA RIVETING VEKOMA-ET | 21041 |          |  |
| 90              | 24001<br>96353560  | 24001                | 2024           | 7.35              | 107     | 108 | 0.53<br>106  | 0.99<br>112  | 80<br>102       | 14.0<br>36    | 5.8<br>33     | 0.10<br>106     | 0.03<br>104     | 2.6<br>98    | 1.3<br>26        | 101<br>97  | DELTA LUNAR                 | 20033 |          |  |
| 91              | 24131<br>936999648 | TUKS                 | 2024           | 7.47              | 106     | 99  | 0.04<br>101  | -0.64<br>92  | 238<br>106      | -13.3<br>43   | 12.7<br>43    | -0.21<br>89     | 0.04<br>106     | -4.8<br>104  | -11.1<br>43      | 112<br>42  | BPS PANTHER FOXCATCHER-ET   | 21009 |          |  |
| 92              | 23024<br>936965714 | TUKS 23024           | 2023           | 9.38              | 106     | 104 | 0.36<br>104  | 0.03<br>100  | -34<br>99       | 9.4<br>27     | -0.4<br>25    | 0.10<br>105     | 0.01<br>101     | -13.7<br>111 | -4.9<br>18       | 93<br>109  | WILRA ABS BRANTLEY-ET       | 21027 |          |  |

# Selection List: Logix Merit Index (LMI)

Animals are sorted on LMI

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Top 25% of the herd

Bottom 25% of the herd

R = Reliability

Above breed average

Top 10% of the breed

Bottom 10% of the breed

| Cow Information |                    |                   |                |                   | Indices |     |             |              | Breeding Values |                |                |                 |                 |                 |                  |            |                             |       | Pedigree |  |
|-----------------|--------------------|-------------------|----------------|-------------------|---------|-----|-------------|--------------|-----------------|----------------|----------------|-----------------|-----------------|-----------------|------------------|------------|-----------------------------|-------|----------|--|
| Rank            | FarmNr<br>CompNr   | Name              | Birth.<br>Year | % In-<br>breeding | LMI     | LPI | EFI         | BWI          | Milk<br>Index   | RFat<br>Index  | Prot<br>Index  | RFat %<br>Index | Prot %<br>Index | Som<br>Index    | CalvInt<br>Index | HLife<br>R | Sire                        | Dam   |          |  |
| 93              | 25014<br>937044030 | TUKS 25014        | 2025           | 9.55              | 106     | 107 | 0.57<br>107 | 0.42<br>105  | 239<br>106 43   | 2.3<br>101 41  | 17.7<br>117 42 | -0.07<br>96     | 0.09<br>113     | -14.0<br>111 39 | 3.2<br>94 36     | 90<br>37   | WELCOME-TEL TAOS HAYK-ET    | 20021 |          |  |
| 94              | 24007<br>936960723 | TUKS 24007        | 2024           | 7.38              | 106     | 113 | 1.08<br>113 | -0.21<br>98  | 266<br>107 39   | 19.0<br>112 29 | 9.0<br>109 35  | 0.07<br>104     | 0.00<br>100     | 8.8<br>93 15    | 3.7<br>93 4      | 88<br>10   | LADYS-MANOR OVERVIEW ET     | 21006 |          |  |
| 95              | 25023<br>937085520 | TUKS              | 2025           | 9.80              | 105     | 110 | 0.79<br>109 | 0.21<br>103  | 308<br>108 29   | 12.1<br>107 27 | 10.9<br>111 28 | 0.00<br>100     | 0.01<br>101     | -1.8<br>101 23  | 1.4<br>97 19     | 83<br>21   | RONELEE DAGWOOD ET          | 22017 |          |  |
| 96              | 24006<br>936960715 | TUKS 24006        | 2024           | 7.84              | 105     | 103 | 0.23<br>103 | -0.60<br>93  | 317<br>108 35   | 1.6<br>101 32  | 0.3<br>100 33  | -0.10<br>95     | -0.09<br>87     | -0.9<br>101 24  | 0.6<br>99 10     | 112<br>18  | S-S-I BASIC BOLD-ET         | 1917  |          |  |
| 97              | 23135<br>936916105 | TUKS 23135        | 2023           | 10.10             | 105     | 102 | 0.21<br>103 | -0.03<br>100 | 5<br>100 33     | 2.8<br>102 30  | 2.5<br>103 31  | 0.02<br>101     | 0.02<br>103     | -13.7<br>111 27 | -1.7<br>103 24   | 99<br>26   | WILRA ABS BRANTLEY-ET       | 21024 |          |  |
| 98              | 1919<br>88719158   | 1919              | 2019           | 6.33              | 105     | 117 | 1.64<br>120 | -1.53<br>82  | 581<br>115 80   | 20.8<br>113 77 | 14.9<br>115 78 | -0.02<br>99     | -0.04<br>94     | 6.9<br>95 75    | 19.5<br>62 74    | 81<br>74   | INTACT                      | 1614  |          |  |
| 99              | 20021<br>90455262  | 20021             | 2020           | 6.90              | 105     | 112 | 0.96<br>112 | 0.01<br>100  | 565<br>115 81   | 5.6<br>103 78  | 22.4<br>122 79 | -0.15<br>92     | 0.03<br>104     | -5.0<br>104 76  | 13.8<br>73 75    | 87<br>75   | S-S-I MONTROSS MEGAMAN-ET   | 1602  |          |  |
| 100             | 20018<br>90455288  | 20018             | 2020           | 10.33             | 105     | 109 | 0.98<br>112 | -1.28<br>85  | 237<br>106 36   | 9.9<br>106 35  | 10.2<br>110 35 | 0.00<br>100     | 0.02<br>103     | -1.0<br>101 29  | 7.3<br>86 22     | 91<br>25   | S-S-I MONTROSS MEGAMAN-ET   | 1815  |          |  |
| 101             | 23129<br>936912484 | TUKS 23129        | 2023           | 7.94              | 105     | 103 | 0.15<br>102 | 0.25<br>103  | 82<br>102 42    | 5.0<br>103 41  | -0.3<br>100 41 | 0.02<br>101     | -0.03<br>96     | -14.7<br>112 39 | 2.1<br>96 36     | 100<br>37  | S-S-I LA RIVETING VEKOMA-ET | 20010 |          |  |
| 102             | 21024<br>936876333 | TUKS 21024        | 2021           | 8.25              | 104     | 97  | -0.15<br>98 | -0.48<br>94  | 94<br>102 50    | -13.2<br>92 42 | 8.1<br>108 45  | -0.15<br>92     | 0.05<br>107     | -15.7<br>112 31 | -4.3<br>108 25   | 110<br>29  | BPS PANTHER FOXCATCHER-ET   | 1923  |          |  |
| 103             | 1519<br>84170893   | 1519              | 2015           | 6.65              | 104     | 107 | 0.76<br>109 | -0.26<br>97  | -229<br>94 53   | 22.0<br>113 49 | -4.6<br>96 51  | 0.29<br>115     | 0.03<br>104     | 0.5<br>100 36   | 4.8<br>91 22     | 93<br>27   | DE GRENDL 1222 JACKSON      | 1214  |          |  |
| 104             | 20024<br>90581711  | TUKS 20024        | 2020           | 7.07              | 104     | 106 | 0.79<br>109 | -1.33<br>84  | 180<br>105 81   | 7.7<br>105 78  | 5.9<br>106 79  | 0.00<br>100     | 0.00<br>100     | 1.1<br>99 75    | 5.2<br>90 74     | 96<br>75   | MOVER P RF                  | 1822  |          |  |
| 105             | 22006<br>93335701  | TUKS 22006 LIWAY  | 2022           | 10.02             | 103     | 107 | 0.68<br>108 | 0.31<br>104  | -376<br>90 45   | 21.6<br>113 38 | -1.9<br>98 41  | 0.35<br>118     | 0.10<br>114     | 0.8<br>99 24    | 0.4<br>99 11     | 87<br>12   | LIWAY SIL                   | 20005 |          |  |
| 106             | 23118<br>936896497 | TUKS 23118        | 2023           | 8.28              | 103     | 99  | 0.10<br>101 | -0.47<br>94  | -307<br>92 42   | 6.1<br>104 41  | -6.8<br>94 41  | 0.18<br>109     | 0.03<br>104     | -12.1<br>109 39 | -2.1<br>104 36   | 103<br>37  | S-S-I LA RIVETING VEKOMA-ET | 20015 |          |  |
| 107             | 23119<br>936896505 | TUKS 23119        | 2023           | 8.28              | 103     | 99  | 0.10<br>101 | -0.47<br>94  | -307<br>92 42   | 6.1<br>104 41  | -6.8<br>94 41  | 0.18<br>109     | 0.03<br>104     | -12.1<br>109 39 | -2.1<br>104 36   | 103<br>37  | S-S-I LA RIVETING VEKOMA-ET | 20015 |          |  |
| 108             | 23019<br>936918085 | TUKS 23019        | 2023           | 7.47              | 103     | 105 | 0.36<br>104 | 0.45<br>105  | 143<br>104 47   | 6.2<br>104 41  | 5.9<br>106 45  | 0.00<br>100     | 0.01<br>101     | -3.4<br>103 29  | -0.5<br>101 14   | 91<br>23   | DELTA LUNAR                 | 21031 |          |  |
| 109             | 23130<br>936912492 | TUKS 23130        | 2023           | 11.78             | 103     | 106 | 0.57<br>107 | -0.08<br>99  | 121<br>103 42   | 8.6<br>105 41  | 6.4<br>106 41  | 0.03<br>102     | 0.02<br>103     | 2.1<br>98 39    | 2.6<br>95 36     | 93<br>37   | S-S-I LA RIVETING VEKOMA-ET | 21007 |          |  |
| 110             | 1945<br>93428464   | TUKS 1945 DUNHILL | 2019           | 8.78              | 103     | 110 | 0.91<br>111 | 0.02<br>100  | -81<br>98 80    | 21.2<br>113 78 | 3.1<br>103 79  | 0.23<br>112     | 0.05<br>107     | 26.3<br>80 75   | 3.2<br>94 74     | 100<br>74  | DUNHILL                     | 1745  |          |  |
| 111             | 24039<br>937009140 | TUKS 24039 BOLD   | 2024           | 9.18              | 103     | 95  | -0.28<br>97 | -0.85<br>90  | -18<br>100 43   | -13.0<br>92 42 | 1.3<br>101 43  | -0.12<br>94     | 0.02<br>103     | -11.8<br>109 40 | -3.0<br>106 37   | 118<br>39  | S-S-I BASIC BOLD-ET         | 21023 |          |  |
| 112             | 24013<br>936963636 | TUKS 24013VEKOMO  | 2024           | 8.28              | 103     | 99  | 0.08<br>101 | -0.33<br>96  | -307<br>92 33   | 6.0<br>104 28  | -6.8<br>94 30  | 0.17<br>109     | 0.03<br>104     | -11.9<br>109 19 | -1.4<br>103 7    | 101<br>13  | S-S-I LA RIVETING VEKOMA-ET | 20015 |          |  |
| 113             | 24008<br>936960731 | TUKS 24008        | 2024           | 8.47              | 103     | 94  | -0.77<br>91 | 1.73<br>121  | -344<br>91 34   | -5.9<br>97 32  | -5.6<br>95 32  | 0.08<br>104     | 0.06<br>109     | -20.5<br>116 36 | -4.5<br>109 34   | 115<br>32  | LADYS-MANOR OVERVIEW ET     | 1940  |          |  |
| 114             | 23127<br>936912468 | TUKS 23127        | 2023           | 6.15              | 102     | 110 | 0.85<br>110 | 0.20<br>102  | 25<br>101 37    | 20.1<br>112 34 | 3.6<br>104 36  | 0.17<br>109     | 0.03<br>104     | 14.6<br>89 27   | 7.5<br>85 18     | 93<br>22   | DELTA LUNAR                 | 1804  |          |  |
| 115             | 21008<br>91934992  | TUKS 21008 MOVER  | 2021           | 7.84              | 102     | 99  | -0.26<br>97 | 0.65<br>108  | 38<br>101 77    | -1.4<br>99 77  | -3.0<br>97 76  | -0.03<br>98     | -0.04<br>94     | -25.9<br>120 75 | 4.4<br>91 74     | 100<br>74  | MOVER P RF                  | 1327  |          |  |

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Bottom 25% of the herd

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Above breed average

Top 10% of the breed

Bottom 10% of the breed

| Cow Information |                                                                                                       |                       |                |                   | Indices |     |              |             | Breeding Values |    |               |    |               |    |                 |                 |              |    | Pedigree         |    |            |                              |       |
|-----------------|-------------------------------------------------------------------------------------------------------|-----------------------|----------------|-------------------|---------|-----|--------------|-------------|-----------------|----|---------------|----|---------------|----|-----------------|-----------------|--------------|----|------------------|----|------------|------------------------------|-------|
| Rank            | FarmNr<br>CompNr                                                                                      | Name                  | Birth.<br>Year | % In-<br>breeding | LMI     | LPI | EFI          | BWI         | Milk<br>Index   | R  | BFat<br>Index | R  | Prot<br>Index | R  | BFat %<br>Index | Prot %<br>Index | Som<br>Index | R  | CalvInt<br>Index | R  | HLife<br>R | Sire                         | Dam   |
| 116             | 22011<br>93386704                                                                                     | TUKS 22011 MIGNON     | 2022           | 7.47              | 102     | 101 | 0.21<br>103  | -0.60<br>93 | 75<br>102       | 48 | -3.9<br>98    | 41 | 7.2<br>107    | 45 | -0.07<br>96     | 0.04<br>106     | -9.3<br>107  | 23 | -0.3<br>100      | 10 | 95<br>16   | MOVER P RF                   | 1901  |
| 117             | 23007<br>936876366                                                                                    | TUKS 23007            | 2023           | 8.15              | 102     | 106 | 0.36<br>104  | 0.64<br>108 | -53<br>99       | 31 | 14.4<br>109   | 27 | -2.4<br>98    | 28 | 0.15<br>108     | -0.01<br>98     | 0.4<br>100   | 18 | 2.0<br>96        | 11 | 91<br>17   | WILRA ABS BRANTLEY-ET        | 1737  |
| 118             | 22029<br>936799808                                                                                    | TUKS 22029 LUNAR      | 2022           | 7.50              | 102     | 103 | 0.17<br>102  | 0.15<br>102 | 203<br>105      | 52 | 3.6<br>102    | 47 | 1.2<br>101    | 50 | -0.04<br>98     | -0.05<br>93     | -0.6<br>101  | 34 | -3.6<br>107      | 19 | 91<br>23   | DELTA LUNAR                  | 1622  |
| 119             | 24023<br>936963644                                                                                    | TUKS NOCHED 13 ADD 10 | 2024           | 8.21              | 102     | 103 | 0.25<br>103  | 0.32<br>104 | -75<br>98       | 20 | 6.9<br>104    | 16 | 1.3<br>101    | 18 | 0.09<br>105     | 0.03<br>104     | -5.2<br>104  | 11 | 0.3<br>99        | 7  | 91<br>10   | LADYS-MANOR OVERVIEW ET      | 1941  |
| 120             | 24010<br>936960756                                                                                    | TUKS 24010            | 2024           | 10.49             | 101     | 103 | 0.15<br>102  | 0.38<br>105 | 74<br>102       | 17 | 4.8<br>103    | 14 | 0.6<br>101    | 16 | 0.02<br>101     | -0.02<br>97     | 3.5<br>97    | 9  | -1.2<br>102      | 5  | 97<br>8    | LADYS-MANOR OVERVIEW ET      | 21038 |
| 121             |  1835<br>89420715     | 1835                  | 2018           | 8.51              | 101     | 101 | 0.17<br>102  | -0.81<br>90 | 433<br>111      | 79 | -7.6<br>96    | 78 | 8.3<br>108    | 79 | -0.22<br>88     | -0.06<br>91     | 13.2<br>90   | 76 | 2.4<br>95        | 75 | 113<br>75  | IKEA                         | 1621  |
| 122             | 23021<br>936932839                                                                                    | TUKS 23021LIWAY       | 2023           | 10.52             | 101     | 105 | 0.38<br>105  | 0.26<br>103 | -18<br>100      | 41 | 9.9<br>106    | 34 | 1.4<br>102    | 38 | 0.09<br>105     | 0.02<br>103     | 5.8<br>96    | 20 | 1.3<br>97        | 9  | 92<br>16   | LIWAY SIL                    | 21030 |
| 123             | 23001<br>936842343                                                                                    | TUKS 23001 FF TWIN    | 2023           | 7.99              | 101     | 103 | 0.23<br>103  | -0.14<br>98 | 176<br>105      | 32 | 0.4<br>100    | 31 | 5.5<br>105    | 31 | -0.06<br>97     | 0.00<br>100     | 12.7<br>90   | 25 | 0.5<br>99        | 16 | 105<br>24  | DELTA LUNAR                  | 1835  |
| 124             |  20015<br>90406455    | 20015                 | 2020           | 8.61              | 101     | 101 | 0.47<br>106  | -1.42<br>83 | -332<br>91      | 80 | 6.2<br>104    | 77 | -1.5<br>99    | 78 | 0.19<br>110     | 0.09<br>113     | -5.1<br>104  | 75 | 2.3<br>95        | 74 | 94<br>74   | MOVER P RF                   | 1817  |
| 125             | 23132<br>936912518                                                                                    | TUKS 23132            | 2023           | 9.56              | 101     | 97  | -0.39<br>95  | 0.99<br>112 | -204<br>95      | 42 | -3.1<br>98    | 41 | -2.2<br>98    | 42 | 0.05<br>103     | 0.04<br>106     | -4.2<br>103  | 39 | -5.7<br>111      | 36 | 106<br>37  | S-S-I LA RIVETING VEKOMA-ET  | 21026 |
| 126             | 23002<br>936842350                                                                                    | TUKS 23002 FF TWIN    | 2023           | 7.99              | 101     | 103 | 0.23<br>103  | -0.14<br>98 | 176<br>105      | 32 | 0.4<br>100    | 31 | 5.5<br>105    | 31 | -0.06<br>97     | 0.00<br>100     | 12.7<br>90   | 25 | 1.5<br>97        | 16 | 105<br>24  | DELTA LUNAR                  | 1835  |
| 127             | 23125<br>936905074                                                                                    | TUKS 23125            | 2023           | 8.19              | 100     | 102 | 0.02<br>100  | 0.83<br>110 | -84<br>98       | 36 | 3.6<br>102    | 33 | 1.7<br>102    | 35 | 0.06<br>103     | 0.04<br>106     | 11.2<br>91   | 27 | -2.8<br>105      | 18 | 103<br>22  | DELTA LUNAR                  | 1812  |
| 128             | 23003<br>936842368                                                                                    | TUKS 23003            | 2023           | 7.34              | 100     | 105 | 0.53<br>106  | -0.56<br>93 | -44<br>99       | 44 | 8.5<br>105    | 42 | 3.0<br>103    | 42 | 0.09<br>105     | 0.04<br>106     | 21.1<br>84   | 31 | 1.7<br>97        | 16 | 102<br>24  | DELTA LUNAR                  | 1826  |
| 129             | 22027<br>936795111                                                                                    | TUKS 22027VEKOMA      | 2022           | 7.90              | 100     | 98  | -0.05<br>100 | -0.35<br>96 | -272<br>93      | 33 | 3.9<br>102    | 30 | -8.3<br>92    | 31 | 0.14<br>107     | 0.01<br>101     | -9.9<br>108  | 20 | 2.6<br>95        | 10 | 101<br>17  | S-S-I LA RIVETING VEKOMA-ET  | 1928  |
| 130             | 23025<br>936965722                                                                                    | TUKS 23025            | 2023           | 8.84              | 100     | 100 | -0.05<br>100 | -0.05<br>99 | 80<br>102       | 46 | -2.3<br>99    | 38 | 0.4<br>101    | 42 | -0.06<br>97     | -0.02<br>97     | 8.4<br>94    | 26 | -1.6<br>103      | 9  | 106<br>20  | S-S-I BASIC BOLD-ET          | 21039 |
| 131             |  21003<br>936850569 | TUKS 21003            | 2021           | 6.06              | 100     | 106 | 0.53<br>106  | -0.06<br>99 | 118<br>103      | 78 | 1.8<br>101    | 76 | 14.2<br>114   | 77 | -0.03<br>98     | 0.09<br>113     | 8.5<br>93    | 74 | 2.8<br>95        | 74 | 87<br>74   | HADOCK                       | 1838  |
| 132             | 23120<br>936896513                                                                                    | TUKS 23120            | 2023           | 8.89              | 99      | 101 | 0.00<br>100  | 0.31<br>104 | 22<br>101       | 40 | 1.1<br>101    | 38 | 0.2<br>100    | 39 | 0.00<br>100     | 0.00<br>100     | -4.6<br>104  | 38 | 3.4<br>93        | 36 | 96<br>37   | WILRA ABS BRANTLEY-ET        | 1911  |
| 133             | 20035<br>91388868                                                                                     | TUKS 35 HURION        | 2020           | 6.11              | 99      | 106 | 0.19<br>102  | 1.48<br>118 | 264<br>107      | 36 | 3.8<br>102    | 34 | 10.6<br>110   | 35 | -0.06<br>97     | 0.02<br>103     | -1.7<br>101  | 36 | 10.6<br>80       | 34 | 88<br>33   | HADOCK                       | 1621  |
| 134             | 22019<br>936965748                                                                                    | TUKS 22019            | 2022           | 7.84              | 99      | 102 | 0.04<br>101  | 0.70<br>108 | -124<br>97      | 48 | 5.6<br>103    | 41 | -0.7<br>99    | 44 | 0.10<br>105     | 0.03<br>104     | -10.4<br>108 | 26 | 2.7<br>95        | 12 | 85<br>18   | WILRA ABS BRANTLEY-ET        | 1943  |
| 135             | 23144<br>936942127                                                                                    | TUKS 23144            | 2023           | 8.72              | 99      | 97  | -0.37<br>96  | 0.16<br>102 | 214<br>106      | 36 | -17.0<br>90   | 34 | 10.0<br>110   | 35 | -0.24<br>87     | 0.03<br>104     | -4.7<br>104  | 28 | -2.9<br>106      | 18 | 102<br>18  | PUTTERGILL SUPER MELON 11.33 | 20026 |
| 136             |  20031<br>936849207 | TUKS 20031            | 2020           | 6.30              | 98      | 107 | 0.57<br>107  | 0.45<br>105 | -65<br>98       | 75 | 14.5<br>109   | 75 | 3.2<br>103    | 75 | 0.16<br>108     | 0.05<br>107     | 6.2<br>95    | 74 | 10.6<br>79       | 74 | 84<br>74   | INTACT                       | 1731  |
| 137             | 23026<br>936965730                                                                                    | TUKS 23026            | 2023           | 8.18              | 98      | 95  | -0.32<br>96  | -0.83<br>90 | 159<br>104      | 50 | -18.8<br>89   | 43 | 7.2<br>107    | 46 | -0.23<br>88     | 0.02<br>103     | -6.9<br>105  | 31 | -1.7<br>103      | 18 | 103<br>20  | PUTTERGILL SUPER MELON 11.33 | 20024 |
| 138             | 22016<br>93646206                                                                                     | TUKS 22016 VEKOMO     | 2022           | 9.18              | 98      | 97  | -0.28<br>97  | -0.32<br>96 | 76<br>102       | 49 | -8.4<br>95    | 42 | -1.0<br>99    | 46 | -0.11<br>94     | -0.03<br>96     | -4.7<br>104  | 28 | -0.6<br>101      | 13 | 101<br>20  | S-S-I LA RIVETING VEKOMA-ET  | 20008 |

# Selection List: Logix Merit Index (LMI)

Animals are sorted on **LMI**

\*Inbreeding above 6.25 is high!

Top 25% of the herd

Bottom 25% of the herd

R = Reliability

Above breed average

Top 10% of the breed

Bottom 10% of the breed

| Cow Information |                                                                                                       |                      |                |                   | Indices |     |              |              | Breeding Values |               |               |                 |                 |              |                  |            |                             | Pedigree |  |
|-----------------|-------------------------------------------------------------------------------------------------------|----------------------|----------------|-------------------|---------|-----|--------------|--------------|-----------------|---------------|---------------|-----------------|-----------------|--------------|------------------|------------|-----------------------------|----------|--|
| Rank            | FarmNr<br>CompNr                                                                                      | Name                 | Birth.<br>Year | % In-<br>breeding | LMI     | LPI | EFI          | BWI          | Milk<br>Index   | RFat<br>Index | Prot<br>Index | RFat %<br>Index | Prot %<br>Index | Som<br>Index | CalvInt<br>Index | HLife<br>R | Sire                        | Dam      |  |
| 139             | 25001<br>937014165                                                                                    | TUKS 25001BOLD       | 2025           | 9.37              | 97      | 92  | -0.62<br>93  | -0.49<br>94  | -33<br>99       | -14.6<br>35   | -5.7<br>95    | -0.12<br>94     | -0.04<br>94     | -6.1<br>105  | -3.0<br>30       | 113<br>24  | S-S-I BASIC BOLD-ET         | 21028    |  |
| 140             |  22007<br>93335685   | TUKS 22007 MOVER     | 2022           | 6.54              | 97      | 99  | 0.27<br>103  | -1.71<br>79  | 74<br>102       | -10.6<br>79   | 10.2<br>110   | -0.13<br>93     | 0.07<br>110     | 11.0<br>91   | 4.7<br>75        | 106<br>74  | MOVER P RF                  | 1725     |  |
| 141             | 21021<br>92002625                                                                                     | TUKS 21021INTACT     | 2021           | 6.08              | 97      | 102 | 0.21<br>103  | -0.31<br>96  | 134<br>103      | -1.9<br>30    | 6.9<br>99     | -0.07<br>107    | 0.02<br>96      | 10.0<br>92   | 3.7<br>22        | 92<br>93   | INTACT                      | 1921     |  |
| 142             | 23012<br>936892223                                                                                    | TUKS 23012LUNAR      | 2023           | 7.12              | 96      | 100 | 0.06<br>101  | -0.44<br>95  | 146<br>104      | -8.2<br>52    | 8.7<br>95     | -0.13<br>109    | 0.04<br>93      | 9.6<br>93    | -0.6<br>34       | 93<br>101  | DELTA LUNAR                 | 20008    |  |
| 143             | 24028<br>936999523                                                                                    | TUKS 24028 BOLD      | 2024           | 10.11             | 96      | 95  | -0.34<br>96  | -0.34<br>96  | -141<br>96      | -6.1<br>31    | -5.9<br>94    | 0.00<br>100     | -0.01<br>98     | -10.9<br>109 | 1.3<br>25        | 95<br>97   | S-S-I BASIC BOLD-ET         | 22020    |  |
| 144             | 22034<br>936835909                                                                                    | TUKS 22034           | 2022           | 7.17              | 96      | 99  | -0.02<br>100 | -0.17<br>98  | -243<br>94      | 2.8<br>33     | -5.1<br>102   | 0.12<br>95      | 0.03<br>106     | -6.4<br>105  | 0.6<br>25        | 83<br>99   | WILRA ABS BRANTLEY-ET       | 1931     |  |
| 145             | 1745<br>86583358                                                                                      | 1745                 | 2017           | 7.21              | 96      | 100 | 0.21<br>103  | -0.84<br>90  | -86<br>98       | 1.7<br>52     | -1.0<br>101   | 0.05<br>99      | 0.02<br>103     | 20.7<br>84   | -2.1<br>28       | 96<br>104  | IKEA                        | 1510     |  |
| 146             | 23011<br>936892215                                                                                    | TUKS 23011LUNAR      | 2023           | 6.42              | 96      | 95  | -0.39<br>95  | -0.26<br>97  | -141<br>96      | -8.6<br>47    | -3.3<br>95    | -0.03<br>97     | 0.01<br>98      | 9.8<br>101   | -4.6<br>28       | 107<br>109 | DELTA LUNAR                 | 1725     |  |
| 147             | 23018<br>936905066                                                                                    | TUKS 23018 LUNAR     | 2023           | 7.24              | 96      | 95  | -0.26<br>97  | -0.43<br>95  | -104<br>97      | -9.9<br>37    | 0.8<br>94     | -0.05<br>101    | 0.04<br>106     | 16.8<br>87   | -9.0<br>27       | 103<br>117 | DELTA LUNAR                 | 1828     |  |
| 148             | 24009<br>936960749                                                                                    | TUKS 24009           | 2024           | 8.47              | 96      | 96  | -0.37<br>96  | 0.13<br>102  | 13<br>100       | -8.3<br>39    | -1.3<br>95    | -0.08<br>99     | -0.02<br>96     | -6.1<br>105  | 3.2<br>17        | 97<br>94   | LADYS-MANOR OVERVIEW ET     | 1940     |  |
| 149             | 23131<br>936912500                                                                                    | TUKS 23131           | 2023           | 8.13              | 96      | 104 | 0.32<br>104  | 0.29<br>104  | -68<br>98       | 10.9<br>40    | -1.3<br>107   | 0.13<br>107     | 0.01<br>101     | 7.2<br>94    | 9.0<br>38        | 84<br>83   | WILRA ABS BRANTLEY-ET       | 1932     |  |
| 150             | 23008<br>936876374                                                                                    | TUKS 23008           | 2023           | 8.39              | 95      | 85  | -1.26<br>85  | 0.33<br>104  | -289<br>92      | -24.0<br>49   | -8.5<br>86    | -0.12<br>92     | 0.01<br>101     | -12.7<br>110 | -7.5<br>26       | 119<br>114 | S-S-I LA RIVETING VEKOMA-ET | 1904     |  |
| 151             |  22003<br>93069854   | TUKS 22003 LIWAY     | 2022           | 7.18              | 95      | 102 | -0.22<br>97  | 1.65<br>120  | 205<br>105      | -2.2<br>75    | 5.7<br>99     | -0.10<br>106    | -0.01<br>95     | 19.3<br>85   | -0.5<br>74       | 94<br>101  | LIWAY SIL                   | 1516     |  |
| 152             |  21026<br>936876267 | TUKS 21026           | 2021           | 8.34              | 95      | 96  | -0.51<br>94  | 1.32<br>116  | -126<br>97      | -12.1<br>79   | 7.7<br>93     | -0.07<br>108    | 0.11<br>96      | 10.7<br>92   | -5.0<br>76       | 101<br>110 | BPS PANTHER FOXCATCHER-ET   | 1914     |  |
| 153             |  21038<br>92965052 | TUKS 21038 LIWAY SIL | 2021           | 9.81              | 94      | 97  | -0.37<br>96  | 0.53<br>106  | -110<br>97      | -0.9<br>77    | -7.4<br>100   | 0.03<br>76      | -0.04<br>93     | 9.9<br>92    | -1.7<br>74       | 96<br>103  | LIWAY SIL                   | 1916     |  |
| 154             | 1714<br>936850635                                                                                     | TUKS 1714            | 2017           | 6.36              | 94      | 94  | -0.49<br>94  | -0.05<br>99  | -118<br>97      | -8.0<br>19    | -6.3<br>95    | -0.03<br>94     | -0.02<br>98     | 3.8<br>97    | 3.0<br>13        | 105<br>94  | GOLESNIL                    |          |  |
| 155             | 22013<br>93472884                                                                                     | TUKS 22013 INTACT    | 2022           | 7.05              | 94      | 96  | -0.17<br>98  | -1.13<br>86  | 42<br>101       | -7.5<br>38    | -4.2<br>96    | -0.08<br>96     | -0.05<br>93     | 14.3<br>89   | 0.8<br>24        | 102<br>98  | INTACT                      | 1905     |  |
| 156             | 22037<br>936842335                                                                                    | TUKS 22037           | 2022           | 8.03              | 93      | 89  | -0.96<br>89  | -0.03<br>100 | -256<br>93      | -14.2<br>50   | -13.7<br>92   | -0.04<br>87     | -0.05<br>98     | -0.8<br>93   | -4.6<br>101      | 109<br>10  | S-S-I LA RIVETING VEKOMA-ET | 1735     |  |
| 157             | 24024<br>936999481                                                                                    | TUKS 24024           | 2024           | 8.46              | 93      | 92  | -0.45<br>95  | -1.35<br>84  | 31<br>101       | -19.4<br>44   | 0.5<br>88     | -0.19<br>101    | -0.01<br>90     | 4.0<br>98    | 5.0<br>40        | 109<br>90  | S-S-I BASIC BOLD-ET         | 20002    |  |
| 158             | 24003<br>936942093                                                                                    | TUKS 24003           | 2024           | 7.78              | 91      | 94  | -0.43<br>95  | -0.15<br>98  | -221<br>94      | -9.7<br>36    | -2.8<br>94    | -0.01<br>97     | 0.04<br>106     | 18.4<br>86   | -3.0<br>27       | 99<br>106  | DELTA LUNAR                 | 1735     |  |
| 159             | 17115<br>85580546                                                                                     | 17115                | 2017           | 8.13              | 90      | 90  | -0.66<br>92  | -0.49<br>94  | -68<br>98       | -25.3<br>33   | 7.1<br>85     | -0.21<br>107    | 0.09<br>89      | 6.1<br>113   | -1.7<br>95       | 98<br>103  | IKEA                        | 1329     |  |
| 160             |  1904<br>88324553  | 1904 IKEA            | 2019           | 8.36              | 90      | 82  | -1.47<br>82  | -0.10<br>99  | -319<br>92      | -35.7<br>80   | -3.1<br>79    | -0.22<br>97     | 0.07<br>88      | 10.1<br>92   | -11.1<br>75      | 126<br>121 | IKEA                        | 1705     |  |
| 161             | 24037<br>937009124                                                                                    | TUKS 24037 BOLD      | 2024           | 9.51              | 87      | 85  | -1.24<br>85  | -0.04<br>100 | -361<br>91      | -21.4<br>43   | -13.1<br>88   | -0.07<br>96     | -0.01<br>98     | 2.3<br>98    | -4.1<br>40       | 100<br>108 | S-S-I BASIC BOLD-ET         | 22036    |  |

# Selection List: **Logix Merit Index (LMI)**

Animals are sorted on **LMI** \*Inbreeding above 6.25 is high! Top 25% of the herd Bottom 25% of the herd R = Reliability Above breed average Top 10% of the breed Bottom 10% of the breed

| Cow Information |                                                                                                   |              |                |                   | Indices |     |             |             | Breeding Values |               |               |                 |                 |              |                  |            | Pedigree |      |
|-----------------|---------------------------------------------------------------------------------------------------|--------------|----------------|-------------------|---------|-----|-------------|-------------|-----------------|---------------|---------------|-----------------|-----------------|--------------|------------------|------------|----------|------|
| Rank            | FarmNr<br>CompNr                                                                                  | Name         | Birth.<br>Year | % In-<br>breeding | LMI     | LPI | EFI         | BWI         | Milk<br>Index   | BFat<br>Index | Prot<br>Index | BFat %<br>Index | Prot %<br>Index | Som<br>Index | CalvInt<br>Index | HLife<br>R | Sire     | Dam  |
| 162             |  1940<br>89343685 | 1940 DUNHILL | 2019           | 6.27              | 79      | 81  | -1.56<br>81 | 0.03<br>100 | -345<br>91      | -30.3<br>82   | -11.8<br>89   | -0.16<br>91     | 0.00<br>100     | -0.1<br>100  | 6.9<br>86        | 96<br>74   | DUNHILL  | 1536 |

# Herd: Extreme Cows per Trait

## Top Ranking Cows

| Breeding Values |      |           |      |            |      |          |      |          |      |          |       | Selection Indices |       |           |     |          |     |          |     |          |     |          |     |
|-----------------|------|-----------|------|------------|------|----------|------|----------|------|----------|-------|-------------------|-------|-----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|
| Milk            |      | Butterfat |      | Butterfat% |      | Protein  |      | Protein% |      | Somatics |       | Calving Inter     |       | Herd Life |     | LMI      |     | LPI      |     | Weight   |     | EFI      |     |
| Farm nr.        | EBV  | Farm nr.  | EBV  | Farm nr.   | EBV  | Farm nr. | EBV  | Farm nr. | EBV  | Farm nr. | EBV   | Farm nr.          | EBV   | Farm nr.  | EBV | Farm nr. | Ind | Farm nr. | Ind | Farm nr. | Ind | Farm nr. | Ind |
| 1917            | 1099 | 21019     | 40.4 | 22006      | 0.35 | 20021    | 22.4 | 21041    | 0.11 | 21008    | -25.9 | 1904              | -11.1 | 1904      | 126 | 20033    | 124 | 21020    | 125 | 22007    | 79  | 20033    | 121 |
| 1919            | 581  | 22009     | 37.5 | 21019      | 0.34 | 22062    | 21.0 | 21026    | 0.11 | 21004    | -20.9 | 23018             | -9.0  | 24020     | 120 | 1917     | 117 | 1917     | 123 | 1919     | 82  | 21006    | 120 |
| 20021           | 565  | 21020     | 37.3 | 22009      | 0.31 | 20033    | 20.8 | 22006    | 0.10 | 24020    | -19.4 | 21027             | -8.9  | 23008     | 119 | 21020    | 117 | 20033    | 123 | 20015    | 83  | 1917     | 120 |
| 21020           | 542  | 21006     | 30.6 | 1519       | 0.29 | 22004    | 19.1 | 20015    | 0.09 | 21024    | -15.7 | 23008             | -7.5  | 21023     | 116 | 21019    | 116 | 21019    | 120 | 20024    | 84  | 1919     | 120 |
| 20033           | 540  | 20033     | 30.3 | 1945       | 0.23 | 24014    | 19.0 | 1938     | 0.09 | 21023    | -14.6 | 24020             | -5.1  | 22001     | 115 | 22004    | 115 | 22009    | 119 | 21027    | 85  | 21019    | 119 |
| 24011           | 509  | 1917      | 26.5 | 21006      | 0.21 | 21023    | 18.5 | 17115    | 0.09 | 23024    | -13.7 | 21026             | -5.0  | 21041     | 115 | 23014    | 115 | 21006    | 118 | 22013    | 86  | 21020    | 119 |
| 24014           | 501  | 1519      | 22.0 | 20015      | 0.19 | 21020    | 17.1 | 21003    | 0.09 | 23014    | -13.0 | 23024             | -4.9  | 23014     | 113 | 21023    | 114 | 22004    | 117 | 21004    | 89  | 22009    | 118 |
| 22004           | 437  | 22002     | 21.6 | 24013      | 0.17 | 1917     | 16.3 | 22062    | 0.08 | 23008    | -12.7 | 22001             | -4.8  | 1835      | 113 | 20033    | 113 | 1919     | 117 | 1745     | 90  | 22004    | 117 |
| 24012           | 435  | 22006     | 21.6 | 24021      | 0.16 | 24011    | 15.3 | 1904     | 0.07 | 21027    | -12.0 | 23011             | -4.6  | 24006     | 112 | 24001    | 112 | 24011    | 116 | 23026    | 90  | 24011    | 117 |
| 1835            | 433  | 1945      | 21.2 | 1938       | 0.16 | 1919     | 14.9 | 21004    | 0.07 | 24013    | -11.9 | 22037             | -4.6  | 21024     | 110 | 22009    | 111 | 22002    | 115 | 1835     | 90  | 22002    | 114 |

## Bottom Ranking Cows

| Breeding Values |      |           |       |            |       |          |       |          |     |          |      | Selection Indices |      |           |     |          |     |          |     |          |     |          |     |
|-----------------|------|-----------|-------|------------|-------|----------|-------|----------|-----|----------|------|-------------------|------|-----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|
| Milk            |      | Butterfat |       | Butterfat% |       | Protein  |       | Protein% |     | Somatics |      | Calving Inter     |      | Herd Life |     | LMI      |     | LPI      |     | Weight   |     | EFI      |     |
| Farm nr.        | EBV  | Farm nr.  | EBV   | Farm nr.   | EBV   | Farm nr. | EBV   | Farm nr. | EBV | Farm nr. | EBV  | Farm nr.          | EBV  | Farm nr.  | EBV | Farm nr. | Ind | Farm nr. | Ind | Farm nr. | Ind | Farm nr. | Ind |
| 22006           | -376 | 1904      | -35.7 | 23026      | -0.23 | 22037    | -13.7 | 22037    | 0   | 1945     | 26.3 | 1919              | 19.5 | 21006     | 78  | 1940     | 79  | 1940     | 81  | 21020    | 126 | 1940     | 81  |
| 1940            | -345 | 1940      | -30.3 | 1835       | -0.22 | 1940     | -11.8 | 1940     | 0   | 23003    | 21.1 | 20021             | 13.8 | 1919      | 81  | 17115    | 90  | 1904     | 82  | 22003    | 120 | 1904     | 82  |
| 20015           | -332 | 17115     | -25.3 | 1904       | -0.22 | 23008    | -8.5  | 23008    | 0   | 1745     | 20.7 | 20031             | 10.6 | 20031     | 84  | 1904     | 90  | 23008    | 85  | 24020    | 120 | 23008    | 85  |
| 1904            | -319 | 23008     | -24.0 | 17115      | -0.21 | 22027    | -8.3  | 22027    | 0   | 22009    | 19.8 | 24011             | 9.0  | 22019     | 85  | 24003    | 91  | 22037    | 89  | 21026    | 116 | 22037    | 89  |
| 24013           | -307 | 23026     | -18.8 | 21023      | -0.18 | 21038    | -7.4  | 21038    | 0   | 22003    | 19.3 | 1917              | 8.3  | 20021     | 87  | 22037    | 93  | 17115    | 90  | 21019    | 109 | 17115    | 92  |
| 23008           | -289 | 22037     | -14.2 | 1940       | -0.16 | 24013    | -6.8  | 24013    | 0   | 24003    | 18.4 | 21006             | 8.1  | 21003     | 87  | 22013    | 94  | 24003    | 94  | 1938     | 109 | 21026    | 94  |
| 22027           | -272 | 21024     | -13.2 | 20021      | -0.15 | 1714     | -6.3  | 1714     | 0   | 23018    | 16.8 | 22004             | 7.8  | 22006     | 87  | 1714     | 94  | 1714     | 94  | 22019    | 108 | 1714     | 94  |
| 22037           | -256 | 21026     | -12.1 | 21024      | -0.15 | 1519     | -4.6  | 1519     | 0   | 22013    | 14.3 | 1940              | 6.9  | 24007     | 88  | 21038    | 94  | 23011    | 95  | 22009    | 108 | 24003    | 95  |
| 1519            | -229 | 22007     | -10.6 | 1917       | -0.15 | 22013    | -4.2  | 22013    | 0   | 1835     | 13.2 | 22062             | 6.6  | 24011     | 90  | 22003    | 95  | 23026    | 95  | 21008    | 108 | 23011    | 95  |
| 24003           | -221 | 23018     | -9.9  | 22007      | -0.13 | 23011    | -3.3  | 23011    | 0   | 23001    | 12.7 | 21020             | 6.5  | 23016     | 90  | 21026    | 95  | 23018    | 95  | 23007    | 108 | 24009    | 96  |

# Herd: Extreme Heifers per Trait

## Top Ranking Heifers

### Breeding Values

| Milk     |     | Butterfat |      | Butterfat% |      | Protein  |      | Protein% |      | Somatics |       | Calving Inter |       | Herd Life |     |
|----------|-----|-----------|------|------------|------|----------|------|----------|------|----------|-------|---------------|-------|-----------|-----|
| Farm nr. | EBV | Farm nr.  | EBV  | Farm nr.   | EBV  | Farm nr. | EBV  | Farm nr. | EBV  | Farm nr. | EBV   | Farm nr.      | EBV   | Farm nr.  | EBV |
| 25016    | 749 | 25002     | 52.3 | 25002      | 0.38 | 25016    | 26.7 | 26016    | 0.13 | 24111    | -24.5 | 24131         | -11.1 | 25006     | 128 |
| 25006    | 697 | 24015     | 36.9 | 25012      | 0.36 | 25109    | 26.6 | 24036    | 0.13 | 25021    | -21.0 | 24027         | -9.1  | 26023     | 126 |
| 25109    | 634 | 25016     | 36.8 | 24033      | 0.35 | 26005    | 24.4 | 26027    | 0.13 | 24008    | -20.5 | 24040         | -8.7  | 25017     | 122 |
| 25010    | 505 | 24025     | 35.7 | 24036      | 0.35 | 26015    | 23.5 | 26017    | 0.13 | 25020    | -19.9 | 24029         | -7.3  | 26007     | 121 |
| 26015    | 396 | 24033     | 35.3 | 24015      | 0.32 | 25026    | 23.2 | 25015    | 0.13 | 24040    | -16.4 | 24111         | -7.3  | 24111     | 119 |
| 25017    | 391 | 24036     | 35.1 | 24017      | 0.29 | 25006    | 22.4 | 26005    | 0.12 | 24034    | -16.0 | 24017         | -6.4  | 24040     | 119 |
| 25021    | 375 | 24031     | 34.3 | 24025      | 0.28 | 26017    | 21.1 | 26007    | 0.12 | 20014    | -15.8 | 25004         | -6.2  | 25018     | 119 |
| 26009    | 362 | 24030     | 34.3 | 25005      | 0.27 | 25010    | 21.1 | 24033    | 0.12 | 24025    | -15.1 | 25003         | -6.2  | 25016     | 118 |
| 25026    | 359 | 26023     | 34.0 | 24031      | 0.27 | 26016    | 21.1 | 25012    | 0.11 | 23129    | -14.7 | 23132         | -5.7  | 24039     | 118 |
| 26005    | 339 | 25005     | 32.3 | 24030      | 0.27 | 26023    | 18.6 | 25007    | 0.11 | 25026    | -14.2 | 26007         | -5.3  | 25013     | 118 |

### Selection Indices

| LMI      |     | LPI      |     | Weight   |     | DFI      |     |
|----------|-----|----------|-----|----------|-----|----------|-----|
| Farm nr. | Ind | Farm nr. | Ind | Farm nr. | Ind | Farm nr. | Ind |
| 26023    | 129 | 25002    | 128 | 26027    | 84  | 25002    | 126 |
| 25016    | 127 | 25016    | 128 | 24024    | 84  | 25016    | 126 |
| 25002    | 125 | 26023    | 122 | 20018    | 85  | 26023    | 123 |
| 25021    | 121 | 25022    | 120 | 24035    | 85  | 24015    | 123 |
| 25022    | 121 | 24031    | 120 | 25025    | 87  | 25022    | 122 |
| 24030    | 121 | 24030    | 120 | 20014    | 87  | 24030    | 121 |
| 24031    | 121 | 24015    | 120 | 26012    | 87  | 24031    | 121 |
| 25026    | 120 | 24025    | 119 | 26018    | 89  | 24033    | 121 |
| 24033    | 120 | 24033    | 119 | 26019    | 89  | 24036    | 121 |
| 26021    | 120 | 24036    | 119 | 24039    | 90  | 25005    | 120 |

## Bottom Ranking Heifers

### Breeding Values

| Milk     |      | Butterfat |       | Butterfat% |       | Protein  |       | Protein% |       | Somatics |      | Calving Interv |      | Herd Life |     |
|----------|------|-----------|-------|------------|-------|----------|-------|----------|-------|----------|------|----------------|------|-----------|-----|
| Farm nr. | EBV  | Farm nr.  | EBV   | Farm nr.   | EBV   | Farm nr. | EBV   | Farm nr. | EBV   | Farm nr. | EBV  | Farm nr.       | EBV  | Farm nr.  | EBV |
| 24037    | -361 | 24037     | -21.4 | 23144      | -0.24 | 24037    | -13.1 | 25001    | -0.04 | 23127    | 14.6 | 20035          | 10.6 | 22034     | 83  |
| 24008    | -344 | 24024     | -19.4 | 24131      | -0.21 | 23119    | -6.8  | 23129    | -0.03 | 25017    | 11.6 | 23131          | 9.0  | 25023     | 83  |
| 23118    | -307 | 23144     | -17.0 | 24024      | -0.19 | 23118    | -6.8  | 25006    | -0.01 | 23125    | 11.2 | 23127          | 7.5  | 23131     | 84  |
| 23119    | -307 | 25001     | -14.6 | 24040      | -0.14 | 24028    | -5.9  | 24037    | -0.01 | 25006    | 10.4 | 20018          | 7.3  | 20035     | 88  |
| 22034    | -243 | 24131     | -13.3 | 25001      | -0.12 | 25001    | -5.7  | 24024    | -0.01 | 21021    | 10.0 | 25013          | 6.3  | 24025     | 89  |
| 23132    | -204 | 24039     | -13.0 | 25006      | -0.12 | 24008    | -5.6  | 24028    | -0.01 | 25010    | 7.8  | 25016          | 6.1  | 25014     | 90  |
| 24111    | -190 | 24028     | -6.1  | 24039      | -0.12 | 22034    | -5.1  | 23120    | 0.00  | 23131    | 7.2  | 25109          | 5.7  | 24036     | 90  |
| 25012    | -166 | 24008     | -5.9  | 25109      | -0.10 | 23132    | -2.2  | 24029    | 0.01  | 24015    | 6.7  | 24024          | 5.0  | 20018     | 91  |
| 24019    | -163 | 26007     | -5.9  | 25013      | -0.08 | 23131    | -1.3  | 25023    | 0.01  | 25016    | 6.2  | 24015          | 4.4  | 25109     | 92  |
| 24028    | -141 | 24040     | -4.6  | 21021      | -0.07 | 24019    | -0.7  | 25016    | 0.01  | 24024    | 4.0  | 25006          | 4.0  | 21021     | 92  |

### Selection Indices

| LMI      |     | LPI      |     | Weight   |     | EFI      |     |
|----------|-----|----------|-----|----------|-----|----------|-----|
| Farm nr. | Ind | Farm nr. | Ind | Farm nr. | Ind | Farm nr. | Ind |
| 24037    | 87  | 24037    | 85  | 24017    | 123 | 24037    | 85  |
| 24024    | 93  | 24024    | 92  | 24111    | 121 | 24008    | 91  |
| 23131    | 96  | 25001    | 92  | 24008    | 121 | 25001    | 93  |
| 22034    | 96  | 24008    | 94  | 20035    | 118 | 24024    | 95  |
| 24028    | 96  | 24039    | 95  | 25002    | 117 | 23132    | 95  |
| 21021    | 97  | 24028    | 95  | 24001    | 112 | 23144    | 96  |
| 25001    | 97  | 23144    | 97  | 23132    | 112 | 24028    | 96  |
| 23144    | 99  | 23132    | 97  | 23125    | 110 | 24039    | 97  |
| 20035    | 99  | 22034    | 99  | 25016    | 109 | 24019    | 100 |
| 23120    | 99  | 24131    | 99  | 25021    | 109 | 22034    | 100 |

# Single Gene Traits

0 = Does not carry the gene

1 = Carries one copy of the gene

2 = Carries both copies of the gene

Empty field = Information not available

| FarmNumber<br>Regnr       | Name<br>Birth Date              | Breed<br>Frac (%) | % Homozy-<br>gosity | Casein<br>Beta Kappa | DGAT1 | LGB | Yellow<br>Milk Fat | Horns / Polled<br>Celtic Friesian | BLAD | DUMPS | CT | HST Haplotypes<br>1 3 4 5 |
|---------------------------|---------------------------------|-------------------|---------------------|----------------------|-------|-----|--------------------|-----------------------------------|------|-------|----|---------------------------|
| <b>COWS</b>               |                                 |                   |                     |                      |       |     |                    |                                   |      |       |    |                           |
| <b>1835</b><br>89420715   | 1835<br>2018/11/16              | 100               | 13.06               | A1A1 AA              | 0     | BB  | 0                  | HH HH                             | 0    | 0     | 0  | 0 0 0 0                   |
| <b>1904</b><br>88324553   | 1904 IKEA<br>2019/02/04         | 100               | 11.53               | A1A2 AB              | 0     | AB  | 0                  | HH HH                             | 0    | 0     | 0  | 0 0 0 1                   |
| <b>1917</b><br>88719117   | 1917 INTACT<br>2019/05/30       | 100               | 10.84               | A2A2 AA              | 0     | AB  | 0                  | HH HH                             | 0    | 0     | 0  | 0 0 0 0                   |
| <b>1919</b><br>88719158   | 1919<br>2019/06/03              | 100               | 12.40               | A2A2 AB              | 0     | BB  | 0                  | HH HH                             | 0    | 0     | 0  | 0 0 0 0                   |
| <b>1938</b><br>89343669   | 1938 DUNHILL<br>2019/10/13      | 100               | 13.82               | A2A2 AB              | 0     | AA  | 0                  | HH HH                             | 0    | 0     | 0  | 0 0 0 0                   |
| <b>1940</b><br>89343685   | 1940 DUNHILL<br>2019/10/24      | 100               | 10.63               | A1A2 AA              | 1     | AA  | 0                  | HH HH                             | 0    | 0     | 0  | 0 0 0 0                   |
| <b>1945</b><br>93428464   | TUKS 1945 DUNHILL<br>2019/12/16 | 100               | 12.07               | A2A2 AA              | 1     | AB  | 0                  | HH HH                             | 0    | 0     | 0  | 0 0 0 0                   |
| <b>20015</b><br>90406455  | 20015<br>2020/04/15             | 100               | 12.45               | A1A1 AA              | 0     | AB  | 0                  | PcH HH                            | 0    | 0     | 0  | 0 0 0 0                   |
| <b>20021</b><br>90455262  | 20021<br>2020/05/19             | 100               | 12.18               | A1A2 AB              | 0     | AA  | 0                  | HH HH                             | 0    | 0     | 0  | 0 0 0 0                   |
| <b>20024</b><br>90581711  | TUKS 20024<br>2020/06/11        | 100               | 11.53               | A1A2 AA              | 0     | AB  | 0                  | PcH HH                            | 0    | 0     | 0  | 0 0 0 0                   |
| <b>20031</b><br>936849207 | TUKS 20031<br>2020/10/02        | 100               | 11.86               | A2A2 AA              | 1     | AB  | 0                  | HH HH                             | 0    | 0     | 0  | 0 0 0 0                   |
| <b>20033</b><br>936849215 | TUKS 20033<br>2020/11/06        | 100               | 13.89               | A1A2 BB              | 0     | AB  | 0                  | PcH HH                            | 0    | 0     | 0  | 0 0 0 0                   |
| <b>21003</b><br>936850569 | TUKS 21003<br>2021/01/07        | 100               | 9.73                | A2A2 AA              | 0     | AB  | 0                  | HH HH                             | 0    | 0     | 0  | 0 0 0 1                   |
| <b>21004</b><br>936876341 | TUKS 21004<br>2021/01/23        | 100               | 12.97               | A1A1 AB              | 0     | AA  | 0                  | PcH HH                            | 0    | 0     | 0  | 0 0 0 0                   |

# Single Gene Traits

0 = Does not carry the gene

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2 = Carries both copies of the gene

Empty field = Information not available

| FarmNumber<br>Regnr | Name<br>Birth Date                 | Breed<br>Frac (%) | % Homozy-<br>gosity | Casein<br>Beta Kappa | DGAT1 | LGB | Yellow<br>Milk Fat | Horns / Polled<br>Celtic Friesian | BLAD | DUMPS | CT | HST Haplotypes<br>1 3 4 5 |
|---------------------|------------------------------------|-------------------|---------------------|----------------------|-------|-----|--------------------|-----------------------------------|------|-------|----|---------------------------|
| 21008<br>91934992   | TUKS 21008 MOVER<br>2021/03/25     | 100               | 12.09               | A1A2 AB              | 0     | AA  | 0                  | HH HH                             | 0    | 0     | 0  | 0 0 1 0                   |
| 21019<br>91950428   | TUKS 21019INTACT<br>2021/05/27     | 100               | 12.44               | A1A2 BB              | 1     | AA  | 0                  | HH HH                             | 0    | 0     | 0  | 0 0 0 0                   |
| 21023<br>936876259  | TUKS 21023<br>2021/06/30           | 100               | 16.49               | A2A2 AB              | 1     | BB  | 0                  | HH HH                             | 0    | 0     | 0  | 0 0 0 0                   |
| 21026<br>936876267  | TUKS 21026<br>2021/07/30           | 100               | 9.79                | A1A2 AA              | 0     | AB  | 0                  | HH HH                             | 0    | 0     | 0  | 0 0 0 1                   |
| 21027<br>936876275  | TUKS 21027<br>2021/08/09           | 100               | 12.52               | A1A2 AA              | 0     | AB  | 0                  | HH HH                             | 0    | 0     | 0  | 0 0 0 0                   |
| 21038<br>92965052   | TUKS 21038 LIWAY SIL<br>2021/12/15 | 100               | 12.18               | A1A2 AA              | 0     | AA  | 0                  | HH HH                             | 0    | 0     | 0  | 0 0 0 0                   |
| 22001<br>92965102   | TUKS 22001<br>2022/01/02           | 100               | 11.71               | A1A1 AB              | 1     | AA  | 0                  | PcH HH                            | 0    | 0     | 0  | 0 0 0 0                   |
| 22003<br>93069854   | TUKS 22003 LIWAY<br>2022/01/23     | 100               | 12.26               | A1A1 BB              | 0     | AA  | 0                  | HH HH                             | 0    | 0     | 0  | 0 0 0 0                   |
| 22007<br>93335685   | TUKS 22007 MOVER<br>2022/03/23     | 100               | 12.11               | A1A2 AA              | 0     | BB  | 0                  | PcH HH                            | 0    | 0     | 0  | 0 0 1 0                   |
| 23014<br>936898642  | TUKS 23014 VECOMO<br>2023/06/09    | 100               | 14.68               | A1A2 AB              | 1     | AB  | 0                  | HH HH                             | 0    | 0     | 0  | 0 0 0 0                   |
| 24015<br>936960814  | TUKS 24015<br>2024/04/05           | 100               | 14.42               | A2A2 AA              | 1     | AB  | 0                  | HH HH                             | 0    | 0     | 0  | 0 0 0 0                   |

## COWS

|                   |                               |     |       |         |   |    |   |        |   |   |   |         |
|-------------------|-------------------------------|-----|-------|---------|---|----|---|--------|---|---|---|---------|
| 21020<br>91970491 | TUKS 21020MOVER<br>2021/06/05 | 100 | 12.11 | A1A2 AA | 0 | AA | 0 | PcH HH | 0 | 0 | 0 | 0 0 0 0 |
|-------------------|-------------------------------|-----|-------|---------|---|----|---|--------|---|---|---|---------|