



CERTIFICATE
OF QUALITY
Valid up to
October 2029

 **SA** STAMBOEK
STUD BOOK
'n Storie met twee kante

HOLSTEIN-FRIESLAND GENOMIC BREEDING VALUE REPORT

June 2026

Owner: REDCLIFFE DAIRY

Herd Number: 708132



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.

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, 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 4th calving.

Selection Indices

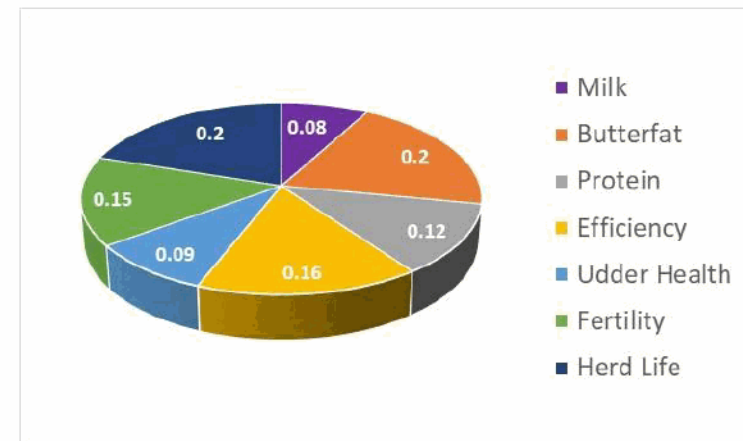
To simplify the selection of animals, the different EBVs are combined into a selection index, i.e. the Logix Merit Index, where Production, Efficiency, Udder Health, Fertility and Longevity

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 β -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

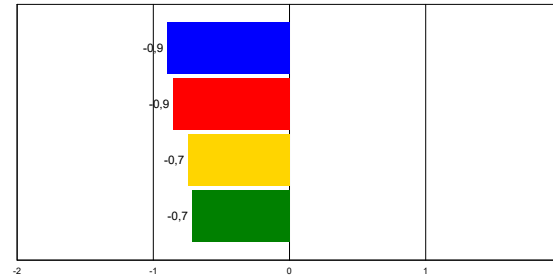
Base Year: 2020

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



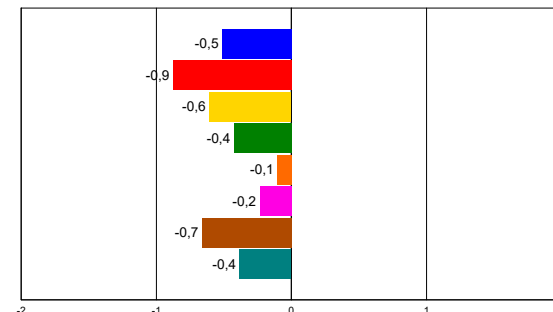
Logix Merit Index)

Production

Efficiency

Weight

Production and other Traits



Milk

Butterfat

Protein

BFat%

Prot%

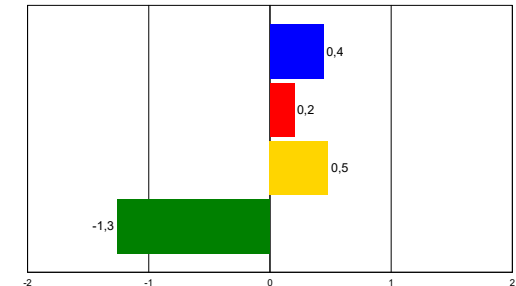
Udder Health

Fertility

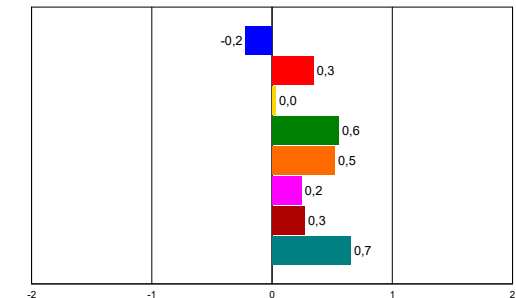
Herd Life

Sires of Cows

Selection Indices



Production and other Traits



VERY IMPORTANT

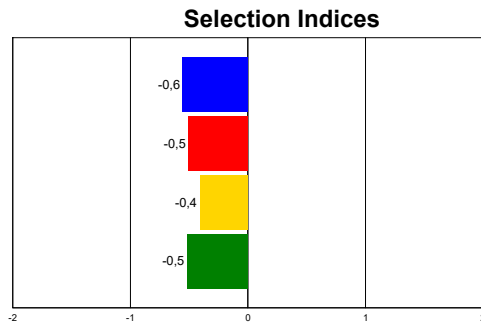
Udder Health : Higher values, lower SSC, better health

Fertility : Higher values, lower ICP, better fertility

Body Weight : Higher values, heavier animals

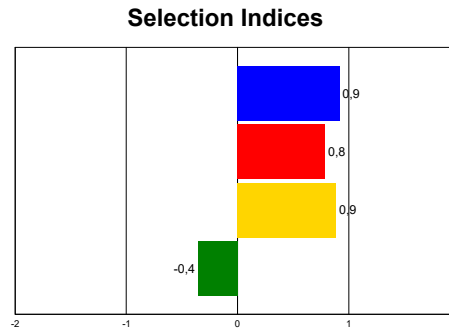
Genetic Windows

Heifers

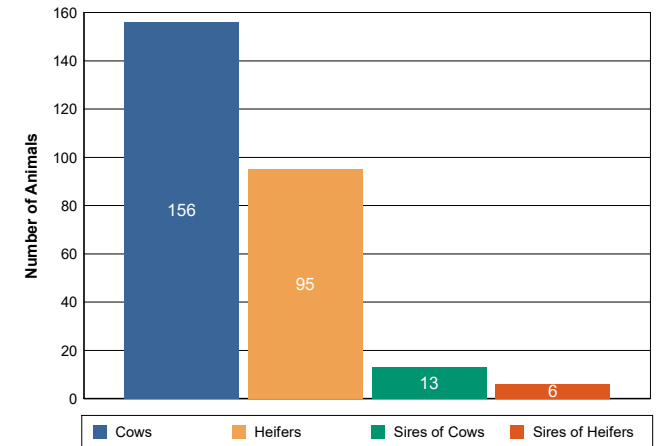


Logix Merit Index
Production
Efficiency
Weight

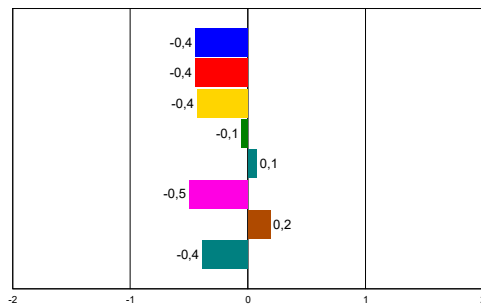
Sires of Heifers



Number of Cows, Heifers and Sires

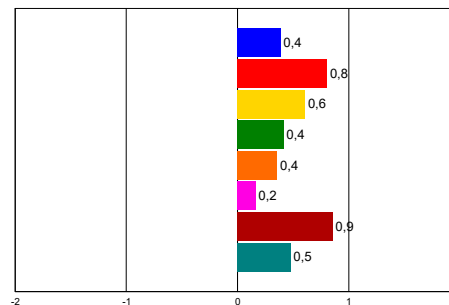


Production and other Traits



Milk
Butterfat
Protein
BFat%
Prot%
Udder Health
Fertility
Herd Life

Production and other Traits



Number of Cows per Age Group

	Heifers	Lac 1	Lac 2	Lac 3	Lac 4+
Number	95	39	49	29	39

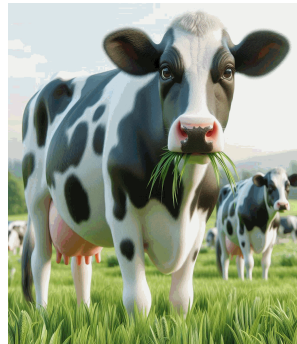
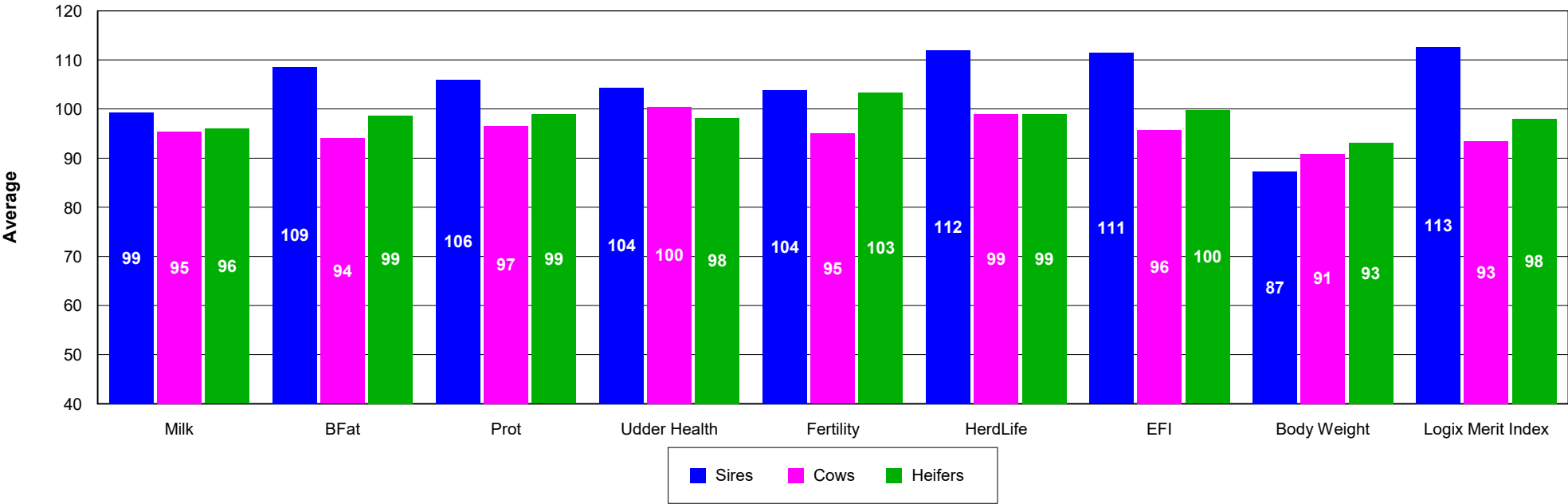
GENETIC RANKING OF THE HERD WITHIN THE ACTIVE BREED

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%
Melk	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
BVet	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
Prot	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
BV%	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
Prot%	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
SCS	-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
TKP	-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
HLife	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
SIZE	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
DTI	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
LMI	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



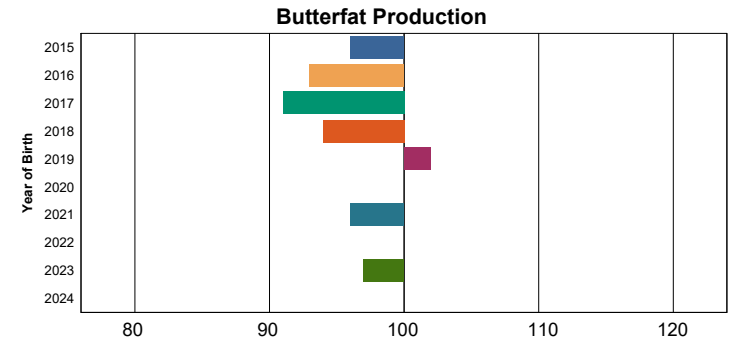
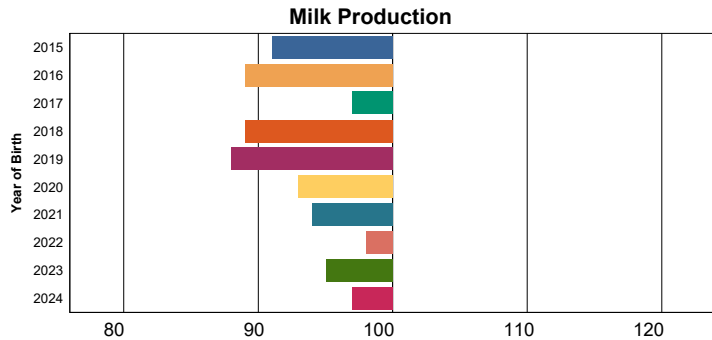
Holstein-Friesland

Genetic Averages of Active Cows per Lactation Group

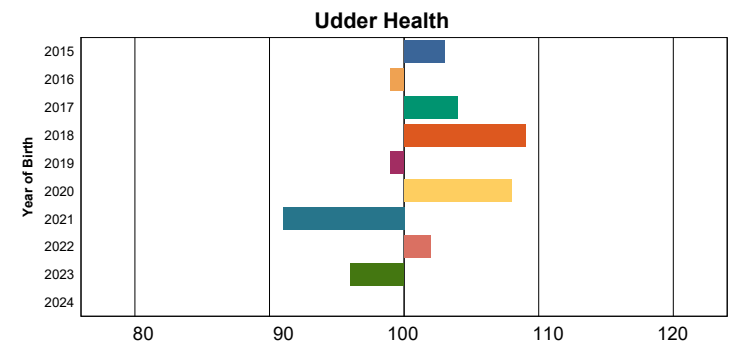
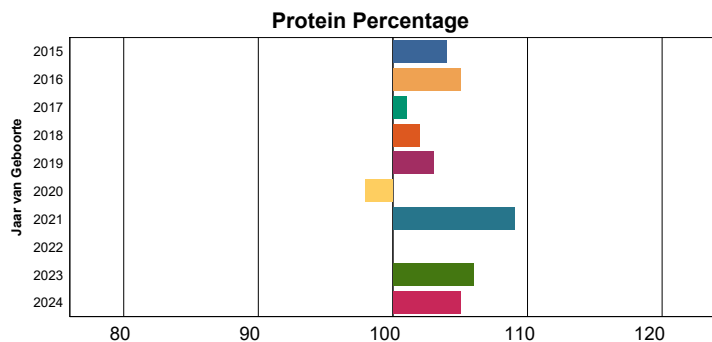
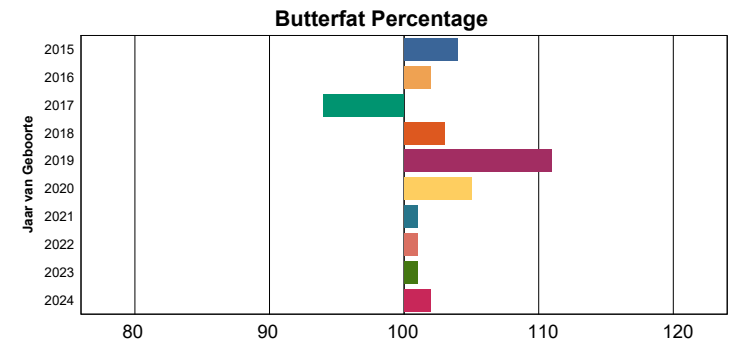
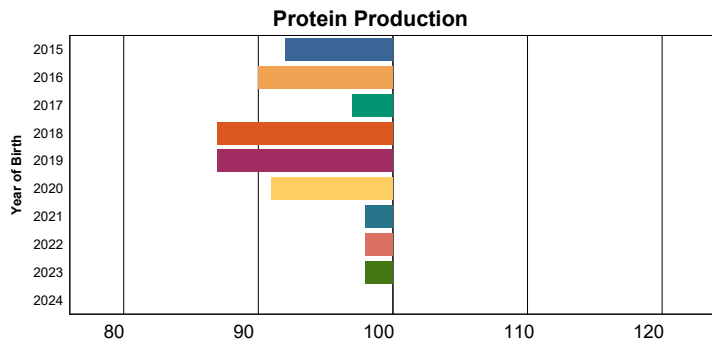
Trait	Heifers		Lactation 1		Lactation 2		Lactation 3		Lactation 4+	
	Herd	Breed	Herd	Breed	Herd	Breed	Herd	Breed	Herd	Breed
Milk	96,0	102,9	94,9	102,7	95,1	102,6	95,8	101,9	96,0	101,3
Butterfat	98,7	106,9	97,7	107,0	93,8	104,8	92,8	103,3	91,4	102,6
Protein	98,9	108,5	97,1	106,5	96,4	105,6	96,3	104,3	96,7	103,2
BF%	101,7	103,2	101,9	102,6	98,2	101,0	96,6	100,6	95,1	100,7
Prot%	105,1	106,4	104,6	104,2	103,7	103,2	102,3	102,5	102,3	102,0
UdHealth	98,2	104,1	95,9	96,6	98,6	94,9	103,0	93,3	105,0	91,9
Fertility	103,3	100,7	97,6	100,4	95,2	99,4	92,5	99,3	93,8	100,8
HerdLife	99,0	107,3	94,5	101,2	98,7	101,1	100,8	102,9	102,6	105,0
BWC	93,1	99,7	87,4	101,8	90,5	101,2	94,9	100,5	92,1	99,6
EFI	99,7	108,6	99,6	101,0	95,6	100,7	93,9	100,4	93,5	99,9
LMI	98,0	110,5	94,5	101,5	92,7	100,9	93,0	100,2	93,5	99,4

Holstein-Friesland

Average Performance of Active Cows per Year of Birth

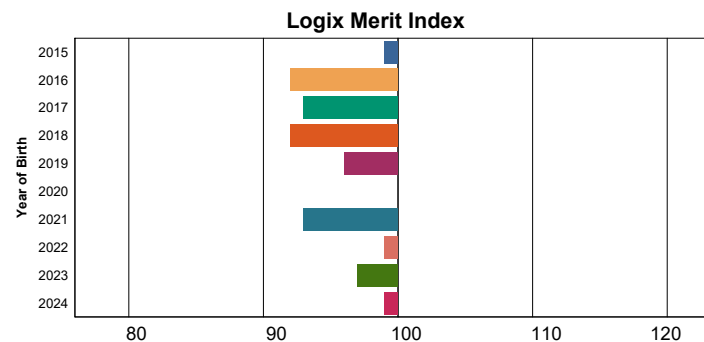
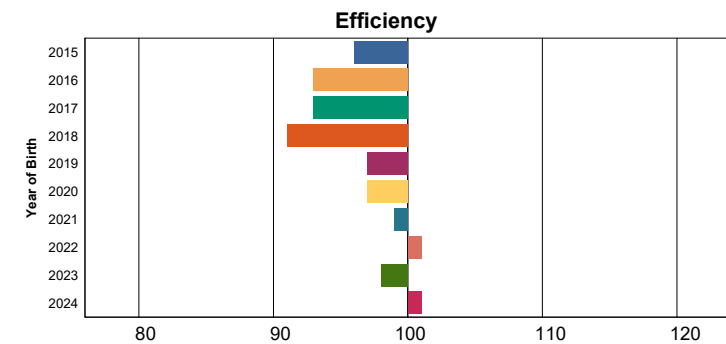
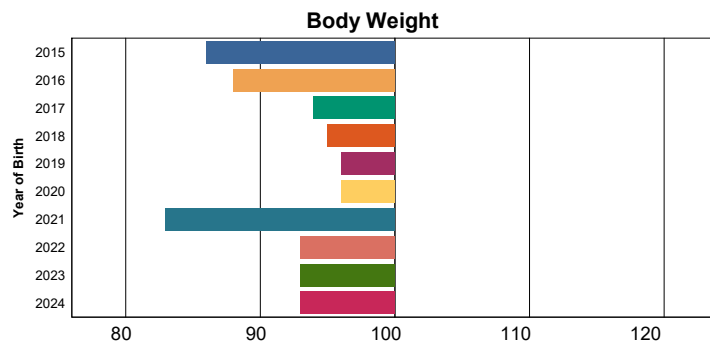
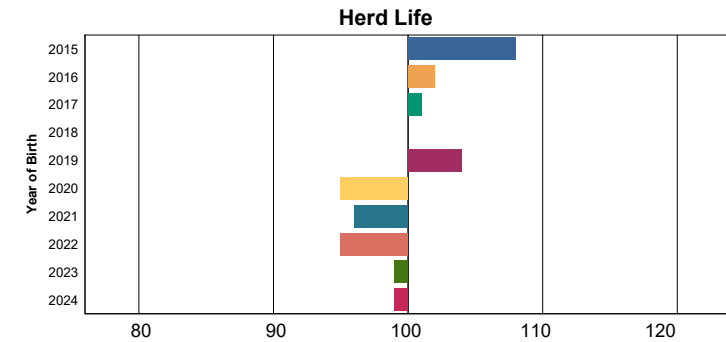
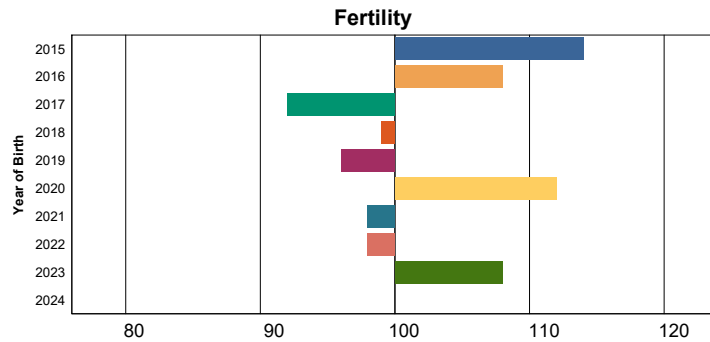


Year of Birth	Number
2015	1
2016	5
2017	82
2018	5
2019	4
2020	1
2021	41
2022	20
2023	40
2024	52



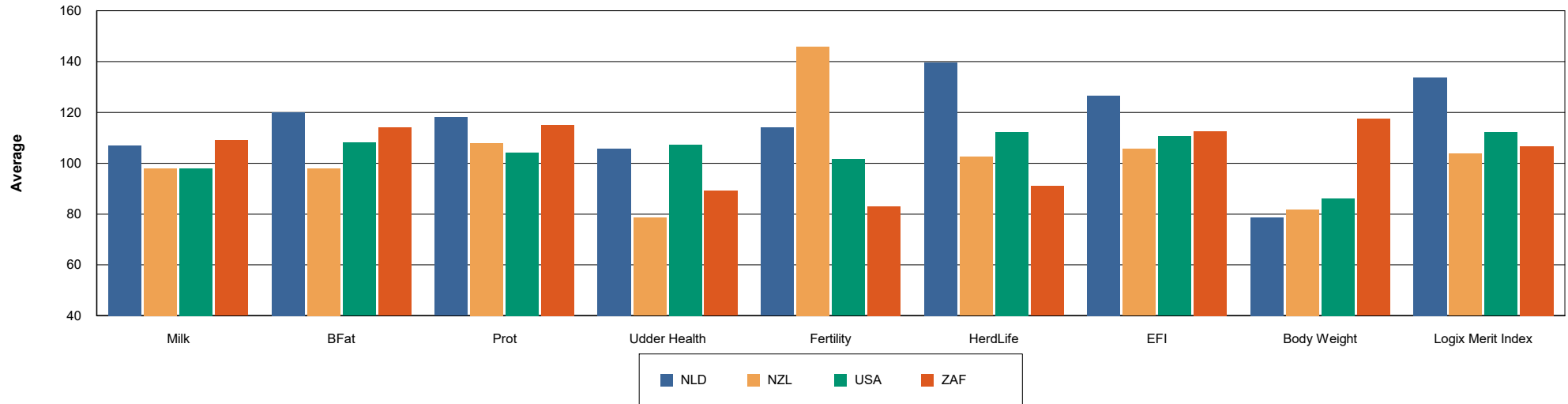
Holstein-Friesland

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
NLD	1	6
NZL	1	26
USA	13	139
ZAF	1	80

Holstein-Friesland

Genetic levels of Cows and Heifers

Trait	Cows & Heifers		Cows		Heifers	
	Herd	Breed	Herd	Breed	Herd	Breed
Nr of Animals	251	13232	156	7196	95	6036
Avg Inbreeding	7.19	8.73	6.69	8.09	7.99	9.49
> 6.25% Inbred	209	11542	130	5680	79	5862
Estimated Breeding Values (EBVs)						
Milk	-171	26	-182	-48	-154	113
Butterfat	-7.3	5.2	-10.2	0.2	-2.5	11.2
Protein	-2.7	4.1	-3.6	0.2	-1.3	8.6
Butterfat %	-0.01	0.04	-0.03	0.02	0.03	0.06
Protein %	0.03	0.03	0.02	0.02	0.04	0.05
Udder Health	100	102	100	101	98	104
Calving Interval	0.9	-0.8	2.6	-1.2	-1.8	-0.4
Herd Life	99	103	99	100	99	107
Selection Indices						
LMI	95	105	93	101	98	111
Efficiency (EFI)	-0.23	0.37	-0.35	0.08	-0.02	0.72
Prod (LPI)	95	104	94	100	98	108
Body Weight	-0.69	-0.15	-0.75	-0.26	-0.58	-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	16	481
Avg Inbreeding	7.95	9.41
> 6.25% inbred	12	410
Estimated Breeding Values (EBVs)		
Milk	-21	166
Butterfat	14.1	11.1
Protein	6.0	9.3
Butterfat %	0.14	0.04
Protein %	0.07	0.04
Udder Health	104	104
Calving Interval	-2.1	0.3
Herd Life	112	109
Selection Indices		
LMI	113	111
Efficiency (EFI)	0.95	0.71
Prod (LPI)	108	109
Body Weight	-1.06	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
2013 - 2024	8.12	0.23
Recommendations:	< 6.25	< 0.1 - 0.2

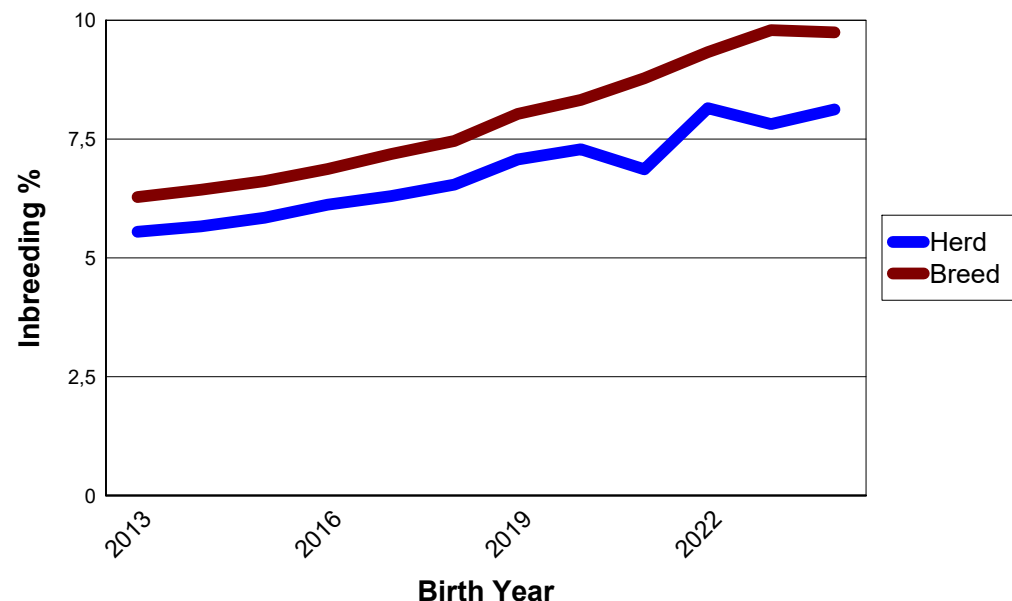
* Of latest birth year

Pedigree Information

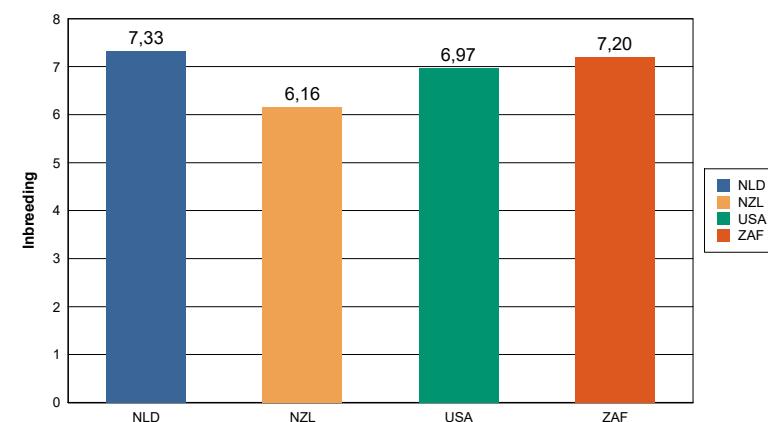
	Number	%
Known Sires	185	74
Known Dams	136	54

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

Rate of Inbreeding: Herd vs Breed

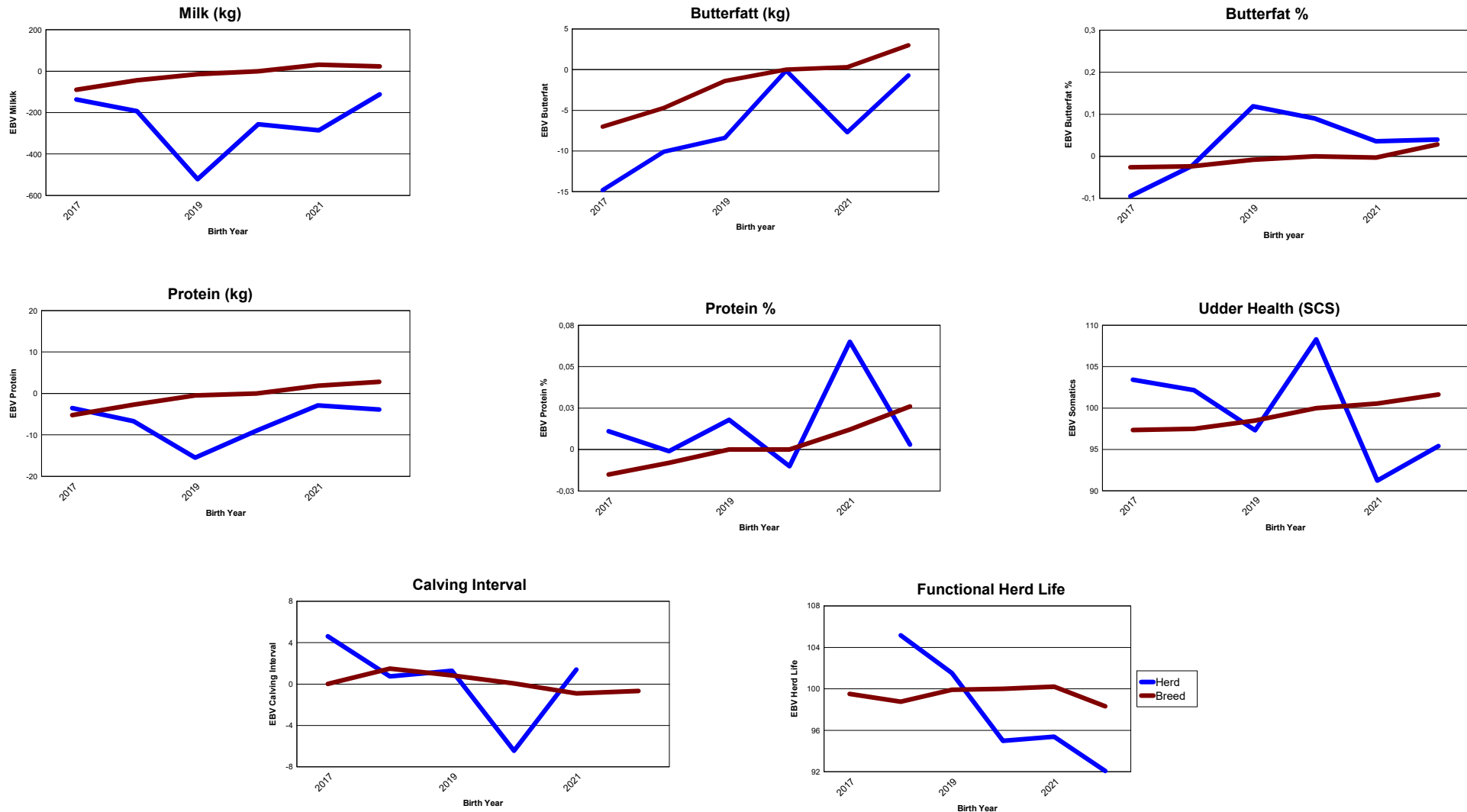


Average Inbreeding per Country of Sire



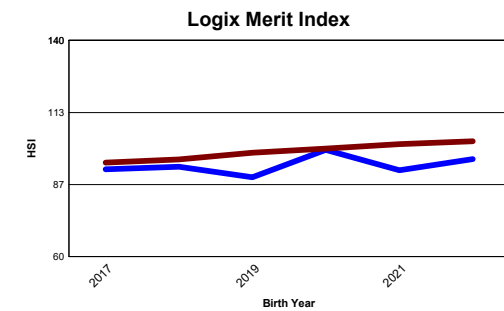
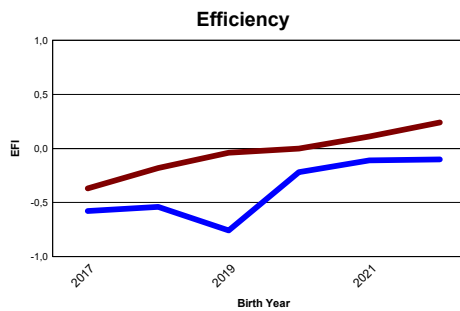
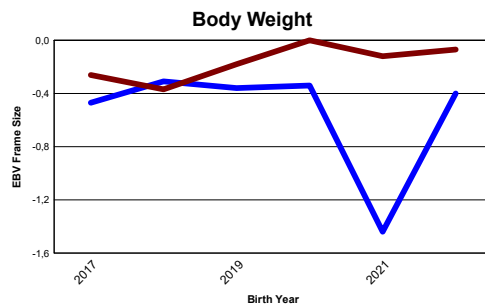
Holstein-Friesland

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
	Milk	Solids	SCS									
2017	6028	5673	5673	-89	-7.0	-5.2	-0.03	-0.02	97.4	0.0	99.5	94.8
2018	5748	5327	5327	-44	-4.7	-2.7	-0.02	-0.01	97.5	1.5	98.8	96.0
2019	3808	3713	3712	-15	-1.4	-0.5	-0.01	0.00	98.5	0.8	99.9	98.5
2020	3446	3408	3407	0	0.0	0.0	0.00	0.00	100.0	0.1	100.0	100.0
2021	1968	1777	1777	32	0.3	1.9	0.00	0.01	100.5	-0.9	100.2	101.6
2022	2037	1761	1761	23	3.0	2.8	0.03	0.03	101.6	-0.7	98.3	102.7

Cows Tested in Herd												
Birth Year	Number of Cows			EBV Milk	EBV BFat	EBV Prot	EBV BFat%	EBV Prot%	EBV SCS	EBV CalvInt	EBV H Life	LMI
	Milk	Solids	SCS									
2017	34	34	34	-137	-14.8	-3.5	-0.10	0.01	103.4	4.6	92	6.30
2018	14	14	14	-193	-10.1	-6.7	-0.02	0.00	102.2	0.8	105	6.54
2019	11	11	11	-522	-8.4	-15.5	0.12	0.02	97.3	1.3	102	89
2020	1	1	1	-257	-0.1	-9.0	0.09	-0.01	108.3	-6.4	95	100
2021	47	47	47	-286	-7.7	-2.9	0.04	0.07	91.2	1.4	95	92
2022	17	7	7	-112	-0.7	-3.9	0.04	0.00	95.4		92	96

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 FarmerNr	Parent Verification	Name	BYear Cnt	% In- breeding	LMI	LPI	EFI	BWI	Milk Index	R	BFat Index	R	BFat % Index	R	Prot Index	R	Prot % Index	R	Som Index	R	CalvInt Index	R	HLife R	Lac > 149 d Herds	Lac < 150 d Herds	Avg Lac Length	%Short Lac	Compl 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							
88609219		AMBZED POWELLS CORTEX S2F	2013 NZL	2.81	104	101	0.47 106	-1.53 82	M -59 98	61	M -2.8 98	49	0.00 100		M 8.3 108	54	0.10 114		M 27.5 79	55	M -23.7 146	51	M 103 43	16	1		260	24		
86895653		APRILDAY EQUINOX 6540ET	2013 USA	7.82	112	114	1.27 115	-0.76 91	53 101	96	31.0 119	93	0.27 114		-3.0 97	94	-0.04 94		-11.0 109	83	M 12.9 75	62	103 82	321	4	2	1	163	86	
84547660		BACON-HILL PETY MODESTY-ET	2014 USA	9.93	97	102	0.83 110	-2.66 68	-176 95	95	2.0 101	82	0.09 105		7.0 107	83	0.12 117		M 28.4 78	77	M 1.7 97	68	M 98 79	165	4		148	80	169	
201278254		B-HIDDENHILLS PLAN 1023	2009 USA	5.73	105	102	0.30 104	-0.99 88	M 386 110	98	M -12.0 93	97	-0.25 87		M 17.0 117	97	0.04 106		M -21.0 116	91	M 9.0 83	85	M 106 87	143	16	2	1	264	12	255
79892006		B-S-D MOGUL RAWLINS-ET	2012 USA	6.89	108	96	-0.34 96	0.12 102	-353 91	88	1.0 101	85	0.15 108		-11.0 90	87	0.01 101		M -25.6 120	72	M -5.7 111	56	M 121 61	84	6	3	1	253	24	101
91773838		DELTA RAVEL-RED	2018 NLD	8.35	134	121	2.21 127	-1.77 79	M 270 107	61	M 32.5 120	51	0.20 111		M 18.4 118	54	0.09 113		M -7.3 106	76	M -7.3 114	57	M 140 31							
89015838		DE-SU ROCKFORD 12250-ET	2014 USA	7.38	132	122	1.91 123	-0.58 93	M 480 112	67	M 32.9 120	58	0.12 106		M 15.8 115	60	0.00 100		M -22.1 117	63	M -9.2 118	52	M 117 52	19	3		201	34	29	
83417097		JALODA RANSOM TERRIFIC-ET	2013 USA	7.44	110	89	-0.17 98	-2.30 72	M -1043 73	76	M -2.3 99	71	0.41 122		M -16.0 85	73	0.19 127		M -10.4 108	65	M -17.2 133	55	M 149 56	53	5	3	1	262	18	91
2013318890		LADYS-MANOR RD GRAFEETI	2009 USA	5.43	112	114	1.30 116	-0.49 94	83 102	89	22.0 113	87	0.17 109		11.0 111	88	0.08 111		M 20.0 84	79	M -4.9 109	67	M 106 71	79	10	3	2	262	16	151
89082648		NO-FLA FIREBALL-ET	2016 USA	8.22	118	105	1.04 113	-1.98 76	M -575 85	65	M 22.1 113	59	0.45 124		M -6.1 94	61	0.13 119		M -16.9 113	67	M -3.1 106	59	M 129 60	17	2		273	16	19	
89323034		NO-FLA MERRIMAC-ET	2017 USA	9.21	112	113	0.98 112	0.60 107	M 283 107	74	M 16.4 110	71	0.05 103		M 14.2 114	73	0.04 106		M -19.8 116	75	M 6.5 87	72	M 92 73	6	3		118	44	9	
90591090		OCD MARVEL-ET	2019 USA	12.55	111	110	0.57 107	1.48 118	M 95 102	98	M 17.0 110	95	0.12 106		M 7.0 107	96	0.04 106		M -2.0 102	87	M -1.9 104	75	M 106 81	139	8	11	4	253	23	236
2013399429 13100		PUTTERGILL MOGUL SHOTMO 13100	2013 ZAF	6.16	107	116	1.06 113	1.45 117	350 109	66	22.3 114	62	0.08 104		15.1 115	63	0.04 105		14.0 89	65	8.5 83	60	91 62	8	4		279	10	10	
89654453		SANDY-VALLEY CREAMER-ET	2018 USA	14.05	112	114	1.38 117	-0.86 90	M 81 102	74	M 23.3 114	72	0.19 110		M 9.3 109	73	0.06 109		M -4.6 104	77	M 4.8 91	73	M 98 74							
82379710		S-S-I MAURICE PARTYROCK-ET	2012 USA	7.20	110	97	0.27 103	-1.95 77	M -338 91	73	M 1.3 101	60	0.14 107		M -5.5 95	65	0.06 109		M -23.6 118	69	M -7.6 115	62	M 118 65	34	3		180	69	35	
81015539		TEEMAR MARCE ASTONISHING-ET	2013 USA	8.08	120	113	2.13 126	-4.70 44	M 120 103	56	M 18.3 111	51	0.12 106		M 14.1 114	51	0.09 113		M -12.5 110	68	M 4.4 91	55	M 116 62							
Bull Average Herd: Aantal: 16				7.95	113	108	0.95	-1.06	-21		14.1		0.14		6.0		0.07		104.26		-2.1		112							
Bull Average Breed: 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 In Milk	In Herd In Milk	In SA In Milk	In Herd In Milk											
Breed Average :						100	103	103	102	104	102	102	103	104	105	
Herd Average :						94	95	96	100	103	99	99	99	96	94	
1	B-HIDDENHILLS PLAN 1023	2011	- 2019	2016	- 2018	Bull EBVi :	110	93	117	87	106	116	83	106	104	105
		237	76	66	66	Herd Daughtetr EBVi :	97	90	98	93	101	107	90	104	93	93
		143	25	21	21	All Daughtetr EBVi :	101	92	101	92	100	105	89	101	96	95
2	BACON-HILL PETY MODESTY-ET	2016	- 2021	2020	- 2021	Bull EBVi :	95	101	107	105	117	78	97	98	110	97
		202	31	32	28	Herd Daughtetr EBVi :	90	94	94	103	110	89	98	96	96	89
		165	31	29	28	All Daughtetr EBVi :	95	98	100	102	109	90	97	94	101	94
3	AMBZED POWELLS CORTEX S2F	2020	- 2023	2021	- 2023	Bull EBVi :	98	98	108	100	114	79	146	103	106	104
		31	29	26	26	Herd Daughtetr EBVi :	96	97	101	100	108	92	110	97	101	97
		16	16	13	13	All Daughtetr EBVi :	96	97	101	100	109	91	111	97	102	97
4	PUTTERGILL MOGUL SHOTMO 13100	2015	- 2018	2017	- 2017	Bull EBVi :	109	114	115	104	105	89	83	91	113	107
		28	16	14	14	Herd Daughtetr EBVi :	97	97	97	100	102	97	93	90	96	92
		8	3	3	3	All Daughtetr EBVi :	99	99	100	100	102	95	92	87	98	93
5	OCD MARVEL-ET	2021	- 2024	2021	- 2024	Bull EBVi :	102	110	107	106	106	102	104	106	107	111
		299	11	118	11	Herd Daughtetr EBVi :	97	101	99	103	103	100	101	103	100	101
		139	0	87	0	All Daughtetr EBVi :	102	105	104	102	102	102	103	105	104	106
6	SANDY-VALLEY CREAMER-ET	2020	- 2024	2024	- 2024	Bull EBVi :	102	114	109	110	109	104	91	98	117	112
		352	10	10	10	Herd Daughtetr EBVi :	98	104	102	105	107	101	96	97	106	102
		0	0	0	0	All Daughtetr EBVi :	97	106	100	107	105	102	94	98	106	103

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 In Milk	In Herd In Milk	In SA In Milk	In Herd In Milk											
Breed Average :						100	103	103	102	104	102	102	103	104	105	
Herd Average :						94	95	96	100	103	99	99	99	96	94	
7	DE-SU ROCKFORD 12250-ET	2019	- 2022	2019	- 2022	Bull EBVi :	112	120	115	106	100	117	118	117	123	132
		241	9	11	9	Herd Daughtetr EBVi :	100	104	99	103	99	103	101	96	105	102
89015838	USA	19	3	5	3	All Daughtetr EBVi :	102	108	102	105	99	108	106	106	109	111
8	DELTA RAVEL-RED	2022	- 2026	2023	- 2026	Bull EBVi :	107	120	118	111	113	106	114	140	127	134
		80	6	54	6	Herd Daughtetr EBVi :	100	107	106	105	107	101	103	118	110	112
91773838	NLD	0	0	0	0	All Daughtetr EBVi :	101	108	110	105	111	102	108	120	112	116
9	NO-FLA MERRIMAC-ET	2021	- 2022	2021	- 2022	Bull EBVi :	107	110	114	103	106	116	87	92	112	112
		13	5	7	5	Herd Daughtetr EBVi :	97	97	98	100	103	107	94	90	97	95
89323034	USA	6	4	6	4	All Daughtetr EBVi :	102	101	104	99	102	107	92	96	101	102

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 Regnr	Parent Verification	Name	% In- breeding*	LMI	LPI	EFI	BWI	Milk Index	BFat Index	BFat % Index	Prot Index	Prot % Index	Som Index	Calvnt Index	HLife Index	Test/lact. 1 2 3	Nr. Lact	ICP	Kg Milk	Kg BFat	% BFat	Kg Prot	% Prot	Sire Dam	Dam 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																					
15492 93874170		ZRCD150492	5.84	99	93	-0.30 96	-1.15 86	-354 91	-6.5 6	0.07 104	-8.6 92	0.03 104	-4.1 103	-7.4 114	108 6		3	550	8252	365	4.4	282	3.4	TEEMAR MARCE ASTONISHING-ET	
				Year of Birth : 2016																					
6111 93875052		ZRCD160111	6.12	92	84	-0.79 91	-1.68 80	-819 79	-13.8 19	0.19 110	-18.2 83	0.09 113	-0.3 100	-6.3 112	113 8		2	345	9117	380	4.2	294	3.2	JALODA RANSOM TERRIFIC-ET	
6115 93893170		ZRCD160115	6.12	91	91	-0.54 94	-0.89 89	-393 90	-9.9 1	0.05 103	-10.4 90	0.03 104	4.4 97	-4.3 108	97 1		6	429	9067	347	3.8	296	3.3	3020	2013
6259 93893329		ZRCD160259	6.12	93	91	-0.54 94	-0.89 89	-393 90	-9.9 1	0.05 103	-10.4 90	0.03 104	4.4 97	-8.5 116	97 3		6	391	5299	278	5.3	205	3.9	4513	2014
6268 93893345		ZRCD160268	6.12	94	92	-0.60 93	-0.58 93	-83 98	-17.2 23	-0.14 92	-1.8 98	0.01 101	-8.7 107	2.5 20	104 95		4	488	8967	400	4.5	322	3.6	B-HIDDENHILLS PLAN 1023	
6279 93893352		ZRCD160279	6.12	91	91	-0.54 94	-0.89 89	-393 90	-9.9 1	0.05 103	-10.4 90	0.03 104	4.4 97	-4.3 108	97 1		2	756	6335	307	4.9	218	3.4	4042	2014
				Year of Birth : 2017																					
17020 93875664		ZRCD170020	6.36	97	97	-0.07 99	-0.46 95	-235 94	-0.5 22	0.08 104	-4.5 96	0.03 104	14.2 89	-3.5 19	105 13		2	536	8492	366	4.3	289	3.4	LADYS-MANOR RD GRAFEETI	
7095 93893683		ZRCD170095	6.36	94	92	-0.60 93	-0.58 93	-83 98	-17.2 23	-0.14 92	-1.8 98	0.01 101	-8.7 107	2.4 20	104 19		6	364	7567	334	4.4	269	3.6	B-HIDDENHILLS PLAN 1023	
7099 93876258		ZRCD170099	6.36	93	92	-0.60 93	-0.58 93	-83 98	-17.2 23	-0.14 92	-1.8 98	0.01 101	-8.7 107	5.7 20	104 16		3	369	7554	314	4.2	245	3.2	B-HIDDENHILLS PLAN 1023	
7101 93876266		ZRCD170101	6.36	93	92	-0.60 93	-0.58 93	-83 98	-17.2 23	-0.14 92	-1.8 98	0.01 101	-8.7 107	5.7 20	104 16		3	373	7771	330	4.3	257	3.3	B-HIDDENHILLS PLAN 1023	
7105 93876274		ZRCD170105	6.36	93	92	-0.60 93	-0.58 93	-83 98	-17.2 23	-0.14 92	-1.8 98	0.01 101	-8.7 107	5.7 20	104 17		3	372	10331	432	4.2	332	3.2	B-HIDDENHILLS PLAN 1023	
7108 93893691		ZRCD170108	5.66	94	91	-0.49 94	-1.17 86	-156 96	-16.9 23	-0.11 94	-2.6 98	0.02 103	-6.8 105	0.8 20	104 98		2	354	5838	249	4.3	200	3.4	B-HIDDENHILLS PLAN 1023 4034	2014
7109 93893634		ZRCD170109	6.36	93	92	-0.60 93	-0.58 93	-83 98	-17.2 23	-0.14 92	-1.8 98	0.01 101	-8.7 107	5.7 20	104 15		2	590	9928	424	4.3	311	3.1	B-HIDDENHILLS PLAN 1023	
7112 93876282		ZRCD170112	6.36	93	92	-0.60 93	-0.58 93	-83 98	-17.2 23	-0.14 92	-1.8 98	0.01 101	-8.7 107	5.7 20	104 15		2	512	6619	295	4.5	222	3.4	B-HIDDENHILLS PLAN 1023	
7113 93893717		ZRCD170113	6.36	93	92	-0.60 93	-0.58 93	-83 98	-17.2 23	-0.14 92	-1.8 98	0.01 101	-8.7 107	5.7 20	104 16		2	414	4683	203	4.3	150	3.2	B-HIDDENHILLS PLAN 1023	
7116 93876290		ZRCD170116	6.36	93	92	-0.60 93	-0.58 93	-83 98	-17.2 23	-0.14 92	-1.8 98	0.01 101	-8.7 107	5.7 20	104 15		2	360	8333	382	4.6	311	3.7	B-HIDDENHILLS PLAN 1023	
7119 93893758		ZRCD170119	6.36	91	91	-0.54 94	-0.89 89	-393 90	-9.9 1	0.05 103	-10.4 90	0.03 104	4.4 97	-4.3 108	97 1		3	452	6807	321	4.7	236	3.5	4233	2014
7121 93893766		ZRCD170121	5.66	94	91	-0.49 94	-1.17 86	-156 96	-16.9 23	-0.11 94	-2.6 98	0.02 103	-6.8 105	0.9 20	104 98		4	441	7347	344	4.7	238	3.2	B-HIDDENHILLS PLAN 1023 4094	2014

COWS

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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 Regnr	Parent Verification	Name	% In- breed- ing*	LMI	LPI	EFI	BWI	Milk Index	BFat Index	BFat % Index	Prot Index	Prot % Index	Som Index	Calvnt Index	HLife Index	Test/lact. 1 2 3	Nr. Lact	ICP	Kg Milk	Kg BFat	% BFat	Kg Prot	% Prot	Sire Dam	Dam 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												
7122 93893774	ZRCD170122		6.36	94	92	-0.60 93	-0.58 93	-83 98	-17.2 23	-0.14 92	-1.8 98	0.01 23	-8.7 101	4.3 92	104 18		5	403	8302	329	4.0	281	3.4	B-HIDDENHILLS PLAN 1023			
7123 93876308	ZRCD170123		6.36	92	92	-0.60 93	-0.58 93	-83 98	-17.2 23	-0.14 92	-1.8 98	0.01 23	-8.7 101	11.5 78	104 17		4	555	5564	253	4.6	201	3.6	B-HIDDENHILLS PLAN 1023			
7124 93893782	ZRCD170124		6.36	93	92	-0.60 93	-0.58 93	-83 98	-17.2 23	-0.14 92	-1.8 98	0.01 23	-8.7 101	5.7 89	104 15		3	362	8278	364	4.4	279	3.4	B-HIDDENHILLS PLAN 1023			
7125 93893790	ZRCD170125		5.66	91	87	-0.81 90	-1.17 86	-240 94	-22.0 29	-0.13 26	-6.3 93	0.02 27	-5.8 103	-0.9 102	103 18		5	456	7828	363	4.6	280	3.6	B-HIDDENHILLS PLAN 1023 4136	2014		
7126 93893808	ZRCD170126		6.36	92	97	-0.32 96	0.25 103	-133 97	-3.9 13	0.01 12	-3.6 97	0.01 13	4.0 101	4.2 10	90 8	9		2	315	8870	342	3.9	267	3.0	PUTTERGILL MOGUL SHOTMO 13100		
7130 93893816	ZRCD170130		6.36	91	91	-0.54 94	-0.89 89	-393 90	-9.9 1	0.05 1	-10.4 90	0.03 1	4.4 104	-4.3 97	97 1		4	494	6964	302	4.3	238	3.4	3087	2013		
7134 93893733	ZRCD170134		6.36	92	91	-0.60 93	-0.58 93	-308 92	-15.0 54	-0.04 41	-4.3 98	0.06 44	-5.7 109	5.7 104	104 16		4	468	7153	325	4.6	266	3.7	B-HIDDENHILLS PLAN 1023			
7135 93876423	ZRCD170135		6.36	97	95	-0.34 96	-0.58 93	16 100	-14.8 54	-0.15 44	3.3 103	0.02 46	-11.0 103	5.7 89	104 17		5	3	364	8048	340	4.2	277	3.4	B-HIDDENHILLS PLAN 1023		
7136 93876431	ZRCD170136		6.36	93	91	-0.62 93	-0.58 93	-59 98	-17.8 29	-0.16 26	-2.0 91	0.00 100	-11.1 109	6.2 24	103 88	18		4	549	7354	314	4.3	248	3.4	B-HIDDENHILLS PLAN 1023		
7137 93876449	ZRCD170137		6.36	93	92	-0.60 93	-0.58 93	-83 98	-17.2 23	-0.14 92	-1.8 98	0.01 23	-8.7 101	5.7 107	104 17		4	482	5049	267	5.3	187	3.7	B-HIDDENHILLS PLAN 1023			
7138 93876456	ZRCD170138		6.36	93	92	-0.60 93	-0.58 93	-83 98	-17.2 23	-0.14 92	-1.8 98	0.01 23	-8.7 101	5.7 107	104 15		2	356	9852	414	4.2	327	3.3	B-HIDDENHILLS PLAN 1023			
7139 93893741	ZRCD170139		6.36	93	92	-0.60 93	-0.58 93	-83 98	-17.2 23	-0.14 92	-1.8 98	0.01 23	-8.7 101	5.7 107	104 19		4	367	5810	289	5.0	217	3.7	B-HIDDENHILLS PLAN 1023			
7140 93876464	ZRCD170140		6.36	110	108	0.81 110	-0.58 93	117 103	10.3 55	0.04 106	9.2 109	0.05 46	-11.2 107	5.0 109	104 24	18	5	5	358	9470	385	4.1	310	3.3	B-HIDDENHILLS PLAN 1023		
7141 93876472	ZRCD170141		6.36	93	92	-0.60 93	-0.58 93	-83 98	-17.2 23	-0.14 92	-1.8 98	0.01 23	-8.7 101	5.7 107	104 17		4	418	8571	366	4.3	284	3.3	B-HIDDENHILLS PLAN 1023			
7142 93876480	ZRCD170142		6.36	93	92	-0.60 93	-0.58 93	-83 98	-17.2 23	-0.14 92	-1.8 98	0.01 23	-8.7 101	5.7 107	104 16		3	358	7960	363	4.6	284	3.6	B-HIDDENHILLS PLAN 1023			
7144 93894897	ZRCD170144		5.66	97	93	-0.30 96	-1.17 86	-140 96	-12.1 25	-0.07 24	-2.7 98	0.02 25	-9.1 103	-1.4 107	104 19		5	406	9012	386	4.3	287	3.2	B-HIDDENHILLS PLAN 1023 4220	2014		
7146 93893865	ZRCD170146		6.36	93	92	-0.60 93	-0.58 93	-83 98	-17.2 23	-0.14 92	-1.8 98	0.01 23	-8.7 101	5.7 107	104 17		4	434	9314	408	4.4	300	3.2	B-HIDDENHILLS PLAN 1023			
7150 93876514	ZRCD170150		6.36	92	97	-0.32 96	0.25 103	-133 97	-3.9 13	0.01 12	-3.6 97	0.01 13	4.0 101	4.2 10	90 11	9		3	479	8531	348	4.1	271	3.2	PUTTERGILL MOGUL SHOTMO 13100		
7153 93893873	ZRCD170153		6.36	93	90	-0.68 92	-0.58 93	-191 95	-15.2 54	-0.08 44	-7.1 96	-0.01 93	-12.0 109	5.7 24	104 89	17	5	3	724	8270	367	4.4	282	3.4	B-HIDDENHILLS PLAN 1023		
7156 93876548	ZRCD170156		6.36	90	88	-0.88 90	-0.58 93	-185 95	-22.9 54	-0.16 44	-3.4 91	0.03 97	-6.4 104	5.7 105	104 24	17	5	3	370	6408	268	4.2	220	3.4	B-HIDDENHILLS PLAN 1023		
7159 93876555	ZRCD170159		6.36	96	94	-0.47 94	-0.58 93	164 104	-17.5 54	-0.23 42	2.2 102	-0.03 45	-10.2 108	5.7 23	104 89	17	4	2	361	9299	359	3.9	310	3.3	B-HIDDENHILLS PLAN 1023		
7160 93893907	ZRCD170160		6.36	95	94	-0.37 96	-0.58 93	38 101	-17.4 54	-0.19 44	5.9 106	0.04 46	-2.8 102	5.7 24	104 89	17	5	3	370	8262	345	4.2	286	3.5	B-HIDDENHILLS PLAN 1023		

COWS

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Cow				Selection Indices				Estimated Breeding Values (EBV)													Average Production Values							Pedigree		
FarmNr Regnr	Parent Verification	Name	% In- breed- ing*	LMI	LPI	EFI	BWI	Milk Index	BFat Index	BFat % Index	Prot Index	Prot % Index	Som Index	Calvnt Index	HLife R	Test/lact. 1 2 3	Nr. Lact	ICP	Kg Milk	Kg BFat	% BFat	Kg Prot	% Prot	Sire Dam	Dam 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															
7165 93876316	ZRCD170165		6.36	93	92	-0.60 93	-0.58 93	-83 98	-17.2 23	-0.14 23	-1.8 92	0.01 101	-8.7 107	5.7 20	104 89			3	349	7682	325	4.2	260	3.4	B-HIDDENHILLS PLAN 1023					
7166 93876324	ZRCD170166		6.36	93	92	-0.60 93	-0.58 93	-83 98	-17.2 23	-0.14 23	-1.8 92	0.01 101	-8.7 107	5.7 20	104 89			3	356	6767	318	4.7	237	3.5	B-HIDDENHILLS PLAN 1023					
7168 93893824	ZRCD170168		5.66	94	91	-0.49 94	-1.17 86	-156 96	-16.9 23	-0.11 23	-2.6 94	0.02 103	-6.8 105	0.8 20	104 98			5	363	7993	317	4.0	263	3.3	B-HIDDENHILLS PLAN 1023 4211	2014				
7171 93893832	ZRCD170171		5.55	95	91	-0.49 94	-1.17 86	-156 96	-16.9 23	-0.11 23	-2.6 94	0.02 103	-6.8 105	-2.3 20	104 104			5	360	8133	317	3.9	269	3.3	B-HIDDENHILLS PLAN 1023 3093	2013				
7176 93876357	ZRCD170176		6.36	94	92	-0.60 93	-0.58 93	-83 98	-17.2 23	-0.14 23	-1.8 92	0.01 101	-8.7 107	2.7 20	104 95			6	366	8390	378	4.5	277	3.3	B-HIDDENHILLS PLAN 1023					
7181 93876373	ZRCD170181		6.36	86	85	-1.15 86	-0.58 93	-306 92	-24.6 54	-0.13 38	-10.2 90	0.00 41	-12.4 110	11.9 22	104 77		3	4	475	8384	357	4.3	282	3.4	B-HIDDENHILLS PLAN 1023					
7188 93876407	ZRCD170188		6.36	89	87	-0.90 89	-0.58 93	-336 91	-21.4 55	-0.09 44	-5.9 95	0.05 94	-6.3 105	5.7 24	104 89		5	3	358	7980	358	4.5	286	3.6	B-HIDDENHILLS PLAN 1023					
7194 93876415	ZRCD170194		6.36	109	108	0.74 109	-0.58 93	229 106	8.3 54	-0.02 44	9.1 109	0.01 46	-14.2 111	6.8 24	102 87		5	4	408	9429	405	4.3	304	3.2	B-HIDDENHILLS PLAN 1023					
7195 93876571	ZRCD170195		6.36	93	92	-0.60 93	-0.58 93	-83 98	-17.2 23	-0.14 23	-1.8 92	0.01 101	-8.7 107	5.6 20	104 89			3	552	7312	330	4.5	240	3.3	B-HIDDENHILLS PLAN 1023					
7196 93876589	ZRCD170196		6.36	93	92	-0.60 93	-0.58 93	-83 98	-17.2 23	-0.14 23	-1.8 92	0.01 101	-8.7 107	5.7 20	104 89			3	355	7036	324	4.6	241	3.4	B-HIDDENHILLS PLAN 1023					
7197 93876597	ZRCD170197		6.36	93	92	-0.60 93	-0.58 93	-83 98	-17.2 23	-0.14 23	-1.8 92	0.01 101	-8.7 107	5.7 20	104 89			5	458	7305	309	4.2	243	3.3	B-HIDDENHILLS PLAN 1023					
7200 93893923	ZRCD170200		6.36	74	71	-2.35 72	-0.58 93	-516 87	-44.6 55	-0.24 42	-23.7 87	-0.06 45	-10.2 91	5.7 77	104 89		4	2	381	5853	259	4.4	189	3.2	B-HIDDENHILLS PLAN 1023					
7201 93876613	ZRCD170201		6.36	93	92	-0.60 93	-0.58 93	-83 98	-17.2 23	-0.14 23	-1.8 92	0.01 101	-8.7 107	5.7 20	104 89			2	395	8493	375	4.4	281	3.3	B-HIDDENHILLS PLAN 1023					
7203 93876639	ZRCD170203		6.36	102	100	0.08 101	-0.58 93	190 105	-4.7 54	-0.12 40	4.1 94	-0.02 104	-13.5 111	5.7 23	104 89		3	2	420	9106	394	4.3	300	3.3	B-HIDDENHILLS PLAN 1023					
7205 93893931	ZRCD170205		6.36	93	92	-0.60 93	-0.58 93	-83 98	-17.2 23	-0.14 23	-1.8 92	0.01 101	-8.7 107	5.7 20	104 89			3	350	6748	302	4.5	230	3.4	B-HIDDENHILLS PLAN 1023					
7208 93876647	ZRCD170208		6.36	93	92	-0.60 93	-0.58 93	-83 98	-17.2 23	-0.14 23	-1.8 92	0.01 101	-8.7 107	5.7 20	104 89			2	565	7374	312	4.2	240	3.3	B-HIDDENHILLS PLAN 1023					
7211 93876662	ZRCD170211		6.36	84	83	-1.37 84	-0.58 93	-172 96	-29.4 82	-0.22 44	-11.6 88	-0.06 91	-3.5 103	5.7 24	104 89		5	2	381	7932	341	4.3	271	3.4	B-HIDDENHILLS PLAN 1023					
7212 93876670	ZRCD170212		6.36	91	90	-0.73 91	-0.58 93	-98 97	-20.3 54	-0.16 41	-2.4 91	0.01 98	-6.7 105	5.7 23	104 89		4	4	405	6622	299	4.5	230	3.5	B-HIDDENHILLS PLAN 1023					
7213 93876688	ZRCD170213		6.36	93	92	-0.60 93	-0.58 93	-83 98	-17.2 23	-0.14 23	-1.8 92	0.01 98	-8.7 107	5.7 20	104 89			2	513	8198	377	4.6	295	3.6	B-HIDDENHILLS PLAN 1023					
7216 93876696	ZRCD170216		6.36	92	90	-0.71 92	-0.58 93	-288 93	-17.2 54	-0.07 41	-4.7 96	0.05 107	-12.7 110	5.9 23	104 88		4	4	428	7104	323	4.6	240	3.4	B-HIDDENHILLS PLAN 1023					
7218 93876704	ZRCD170218		6.36	79	76	-1.88 78	-0.58 93	-427 89	-39.1 54	-0.22 44	-15.0 88	-0.01 86	-8.3 107	4.9 24	104 90		5	4	362	6794	284	4.2	236	3.5	B-HIDDENHILLS PLAN 1023					
7229 93876720	ZRCD170229		6.36	92	97	-0.30 96	0.25 103	-133 97	-3.9 13	0.01 12	-3.6 97	0.01 101	4.0 97	4.2 10	90 8			2	338	7862	324	4.1	263	3.4	PUTTERGILL MOGUL SHOTMO 13100					

COWS

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Cow				Selection Indices				Estimated Breeding Values (EBV)													Average Production Values							Pedigree	
FarmNr Regnr	Parent Verification	Name	% In- breeding*	LMI	LPI	EFI	BWI	Milk Index	BFat Index	BFat % Index	Prot Index	Prot % Index	Som Index	Calvnt Index	HLife R	Test/lact. 1 2 3	Nr. Lact	ICP	Kg Milk	Kg BFat	% BFat	Kg Prot	% Prot	Sire Dam	Dam 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														
7230 93876738	ZRCD170230		6.36	92	97	-0.32 96	0.25 103	-133 97	-3.9 13	0.01 98	-3.6 12	0.01 100	4.0 97	4.2 10	90 8	9		2	568	7268	317	4.4	255	3.5	PUTTERGILL MOGUL SHOTMO 13100				
7234 93876753	ZRCD170234		6.36	93	92	-0.60 93	-0.58 93	-83 98	-17.2 23	-0.14 92	-1.8 98	0.01 23	-8.7 107	5.7 20	104 89	17		4	366	6718	329	4.9	237	3.5	B-HIDDENHILLS PLAN 1023				
7236 93876761	ZRCD170236		6.36	95	99	-0.11 99	0.25 103	130 103	-7.8 51	-0.12 95	7.5 107	0.03 41	8.3 104	0.7 94	92 12	10	5	5	366	9201	351	3.8	309	3.4	PUTTERGILL MOGUL SHOTMO 13100				
7239 93893956	ZRCD170239		6.36	92	90	-0.73 91	-0.58 93	-220 94	-16.6 54	-0.08 44	-6.4 96	0.01 46	-8.4 107	5.7 24	104 89	17	5	2	370	7240	318	4.4	251	3.5	B-HIDDENHILLS PLAN 1023				
7240 93893964	ZRCD170240		6.36	92	91	-0.54 94	-0.89 89	-393 90	-9.9 1	0.05 103	-10.4 90	0.03 1	4.4 97	-7.6 115	97 5	1	6	361	7734	341	4.4	264	3.4	3008	2013				
7241 93894905	ZRCD170241		6.36	90	88	-0.83 90	-0.58 93	-385 90	-16.4 55	-0.02 44	-9.7 99	0.03 91	-8.3 107	5.7 24	104 89	17	5	2	380	7381	343	4.7	273	3.7	B-HIDDENHILLS PLAN 1023				
7245 93876787	ZRCD170245		6.36	93	92	-0.60 93	-0.58 93	-83 98	-17.2 23	-0.14 92	-1.8 98	0.01 23	-8.7 107	5.7 20	104 89	17		3	442	8151	303	3.7	258	3.2	B-HIDDENHILLS PLAN 1023				
7251 93876829	ZRCD170251		6.36	92	97	-0.30 96	0.25 103	-133 97	-3.9 13	0.01 98	-3.6 12	0.01 100	4.0 97	4.2 10	90 8	9		3	353	9010	356	4.0	298	3.3	PUTTERGILL MOGUL SHOTMO 13100				
7252 93876837	ZRCD170252		6.36	93	92	-0.60 93	-0.58 93	-83 98	-17.2 23	-0.14 92	-1.8 98	0.01 23	-8.7 107	5.7 20	104 89	17		2	687	8672	372	4.3	292	3.4	B-HIDDENHILLS PLAN 1023				
7256 93876845	ZRCD170256		6.36	93	92	-0.60 93	-0.58 93	-83 98	-17.2 23	-0.14 92	-1.8 98	0.01 23	-8.7 107	5.8 20	104 89	18		3	569	9076	394	4.3	293	3.2	B-HIDDENHILLS PLAN 1023				
7258 93876852	ZRCD170258		6.36	93	92	-0.60 93	-0.58 93	-83 98	-17.2 23	-0.14 92	-1.8 98	0.01 23	-8.7 107	5.7 20	104 89	19		4	382	8131	368	4.5	258	3.2	B-HIDDENHILLS PLAN 1023				
7260 93893980	ZRCD170260		6.36	94	93	-0.54 94	-0.58 93	68 102	-18.8 29	-0.21 89	2.1 102	0.00 27	-7.1 106	6.9 21	105 87	15		3	393	7539	340	4.5	266	3.5	B-HIDDENHILLS PLAN 1023				
7262 93876860	ZRCD170262		6.36	93	92	-0.60 93	-0.58 93	-83 98	-17.2 23	-0.14 92	-1.8 98	0.01 23	-8.7 107	5.7 20	104 89	17		5	365	8326	337	4.1	267	3.2	B-HIDDENHILLS PLAN 1023				
7271 93893881	ZRCD170271		6.36	93	92	-0.60 93	-0.58 93	-83 98	-17.2 23	-0.14 92	-1.8 98	0.01 23	-8.7 107	5.4 20	104 89	18		4	478	8321	378	4.6	287	3.4	B-HIDDENHILLS PLAN 1023				
7272 93893899	ZRCD170272		6.36	92	97	-0.30 96	0.25 103	-133 97	-3.9 13	0.01 98	-3.6 12	0.01 100	4.0 97	4.2 10	90 8	9		4	366	6330	285	4.5	223	3.5	PUTTERGILL MOGUL SHOTMO 13100				
7299 93876944	ZRCD170299		6.36	94	92	-0.60 93	-0.58 93	-83 98	-17.2 23	-0.14 92	-1.8 98	0.01 23	-8.7 107	2.2 20	104 96	17		5	356	4023	208	5.2	143	3.6	B-HIDDENHILLS PLAN 1023				
7305 93893618	ZRCD170305		6.36	92	97	-0.32 96	0.25 103	-133 97	-3.9 13	0.01 98	-3.6 12	0.01 100	4.0 97	4.2 10	90 11	9		2	545	9404	398	4.2	306	3.3	PUTTERGILL MOGUL SHOTMO 13100				
7306 93875953	ZRCD170306		6.36	93	92	-0.60 93	-0.58 93	-83 98	-17.2 23	-0.14 92	-1.8 98	0.01 23	-8.7 107	5.7 20	104 89	19		4	368	8235	346	4.2	264	3.2	B-HIDDENHILLS PLAN 1023				
7308 93893402	ZRCD170308		5.55	92	88	-0.75 91	-1.17 86	-195 95	-20.5 54	-0.13 88	-6.4 46	0.00 93	-7.3 106	1.3 24	104 97	18	5	5	356	8170	351	4.3	270	3.3	B-HIDDENHILLS PLAN 1023 3052	2013			
7313 93893410	ZRCD170313		6.36	92	97	-0.32 96	0.25 103	-133 97	-3.9 13	0.01 98	-3.6 12	0.01 100	4.0 97	4.2 10	90 8	9		3	445	9616	392	4.1	325	3.4	PUTTERGILL MOGUL SHOTMO 13100				
7319 93893436	ZRCD170319		6.36	92	97	-0.32 96	0.25 103	-133 97	-3.9 13	0.01 98	-3.6 12	0.01 100	4.0 97	4.2 10	90 8	9		3	366	10046	395	3.9	336	3.3	PUTTERGILL MOGUL SHOTMO 13100				
7320 93893444	ZRCD170320		6.36	82	84	-1.30 84	0.25 103	-569 85	-20.2 51	0.02 88	-14.5 37	0.04 101	-2.2 86	4.2 40	90 106	9	5	2	366	4580	218	4.8	165	3.6	PUTTERGILL MOGUL SHOTMO 13100				

COWS

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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 Regnr	Parent Verification	Name	% In- breeding*	LMI	LPI	EFI	BWI	Milk Index	BFat Index	BFat % Index	Prot Index	Prot % Index	Som Index	Calvnt Index	HLife R	Test/lact. 1 2 3	Nr. Lact	ICP	Kg Milk	Kg BFat	% BFat	Kg Prot	% Prot	Sire Dam		Dam 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															
7321 93875771	ZRCD170321		6.36	98	103	0.12 102	0.25 103	178 105	1.8 51	-0.06 38	2.6 97	-0.03 103	2.7 96	4.2 98	90 11	5	2	365	9036	380	4.2	309	3.4	PUTTERGILL MOGUL SHOTMO 13100						
7329 93875797	ZRCD170329		6.36	92	95	-0.39 95	0.25 103	-334 91	-2.9 21	0.10 98	-6.7 17	0.04 106	3.6 97	2.4 12	91 95		3	386	8496	390	4.6	294	3.5	PUTTERGILL MOGUL SHOTMO 13100						
7350 93893477	ZRCD170350		6.36	93	92	-0.51 94	-0.58 93	-175 95	-14.5 54	-0.08 35	-2.0 96	0.04 98	-1.8 38	5.7 106	104 101	3	4	351	7087	293	4.1	231	3.3	B-HIDDENHILLS PLAN 1023						
7391 93875979	ZRCD170391		6.36	92	97	-0.30 96	0.25 103	-133 97	-3.9 13	0.01 98	-3.6 12	0.01 100	4.0 97	4.2 10	90 11		3	346	5653	263	4.7	191	3.4	PUTTERGILL MOGUL SHOTMO 13100						
								Year of Birth : 2018																						
18427 93884187	ZRCD180427		6.54	93	88	-0.96 89	-0.23 97	-362 91	-13.5 52	0.01 92	-15.2 30	-0.03 100	-19.4 85	0.2 34	100 14	3	2	407	6408	287	4.5	224	3.5	B-S-D MOGUL RAWLINS-ET						
18428 93884195	ZRCD180428		6.54	92	88	-0.88 90	-0.23 97	-453 88	-10.9 22	0.07 94	-15.4 21	0.00 104	-12.6 85	0.2 22	100 14	2	2	561	6274	259	4.1	218	3.5	B-S-D MOGUL RAWLINS-ET						
18430 93884211	ZRCD180430		6.54	92	88	-0.88 90	-0.23 97	-453 88	-10.9 22	0.07 94	-15.4 21	0.00 104	-12.6 85	0.2 22	100 14	1	0	8224	358	4.4	262	3.2	B-S-D MOGUL RAWLINS-ET							
8060 93880078	ZRCD180060		6.54	91	91	-0.54 94	-0.89 89	-393 90	-9.9 1	0.05 94	-10.4 1	0.03 103	4.4 90	-4.3 1	97 1		3	388	6721	301	4.5	233	3.5	4231 2014						
8151 93896116	ZRCD180151		6.54	94	90	-0.62 93	-0.58 93	-475 88	-10.9 55	0.07 94	-9.2 42	0.06 104	-15.5 91	6.1 45	104 17	4	4	378	7072	339	4.8	255	3.6	B-HIDDENHILLS PLAN 1023						
								Year of Birth : 2019																						
19233 93885614	ZRCD190233		7.07	88	92	-0.60 93	-0.15 98	-543 86	-1.0 47	0.20 99	-18.2 28	0.00 111	11.8 83	1.4 32	96 100	5	4	3	383	5880	299	5.1	206	3.5	6207 2016					
19407 93884724	ZRCD190407		7.07	97	95	-0.26 97	-0.34 96	-438 89	2.2 49	0.19 101	-13.1 31	0.01 110	0.1 88	-1.6 34	106 101	5	4	4	361	7202	326	4.5	250	3.5	NO-FLA FIREBALL-ET					
19408 93884641	ZRCD190408		7.07	101	97	0.02 100	-0.34 96	-617 84	8.6 47	0.32 105	-11.1 27	0.09 117	-2.3 89	-0.6 27	110 113	4	1	3	367	5855	296	5.1	213	3.6	NO-FLA FIREBALL-ET					
19424 93884906	ZRCD190424		7.07	96	97	-0.11 99	-0.41 95	-250 94	4.2 24	0.13 103	-11.4 23	-0.03 107	-3.5 89	9.6 24	103 96	3	2	558	6917	310	4.5	220	3.2	APRILDAY EQUINOX 6540ET						
								Year of Birth : 2020																						
20149 93882405	ZRCD200149		7.28	100	96	-0.22 97	-0.34 96	-257 93	-0.1 39	0.09 100	-9.0 26	-0.01 105	-10.7 91	-6.4 28	95 98	5	4	2	343	6721	329	4.9	248	3.7	S-S-I MAURICE PARTYROCK-ET					
								Year of Birth : 2021																						
21162 93891844	ZRCD210162		6.60	99	103	0.49 106	-1.14 86	75 102	3.5 45	0.00 102	3.5 28	0.01 100	12.6 104	1.6 33	93 101	2	2	334	6232	257	4.1	213	3.4	AMBZED POWELLS CORTEX S2F 19233 2019						
21170 93891869	ZRCD210170		7.68	86	86	-0.81 90	-1.32 84	-426 89	-18.1 48	-0.01 89	-11.9 31	0.02 99	4.3 89	2.2 31	100 103	1	1	0	5436	199	3.7	173	3.2	BACON-HILL PETY MODESTY-ET						

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Cow				Selection Indices				Estimated Breeding Values (EBV)										Average Production Values							Pedigree		
FarmNr Regnr	Parent Verification	Name	% In- breeding*	LMI	LPI	EFI	BWI	Milk Index	BFat Index	BFat % Index	Prot Index	Prot % Index	Som Index	Calvnt Index	HLife R	Test/lact. 1 2 3	Nr. Lact	ICP	Kg Milk	Kg BFat	% BFat	Kg Prot	% Prot	Sire Dam	Dam 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												
21174 93891893	ZRCD210174		7.68	83	83	-1.07 87	-1.32 84	-574 85	-22.1 48	0.00 28	-14.6 86	0.04 32	11.3 106	-1.3 91	100 22	1	1	0	4370	170	3.9	143	3.3	BACON-HILL PETY MODESTY-ET			
21175 93891901	ZRCD210175		7.68	87	88	-0.66 92	-1.32 84	-399 90	-16.0 48	0.00 37	-9.6 91	0.04 41	9.0 106	1.3 93	99 22	4	2	362	4763	208	4.4	158	3.3	BACON-HILL PETY MODESTY-ET			
21190 93894012	ZRCD210190		4.76	100	102	0.47 106	-1.36 84	293 108	-7.4 47	-0.18 37	14.1 114	0.04 40	4.2 106	3.4 97	98 10	4	2	380	5769	235	4.1	197	3.4	AMBZED POWELLS CORTEX S2F 7260	2017		
21191 93891984	ZRCD210191		7.68	97	99	0.21 103	-1.37 84	-66 98	-3.7 44	-0.01 27	2.3 102	0.04 32	2.6 106	4.8 98	98 10	2	1	0	7043	282	4.0	224	3.2	AMBZED POWELLS CORTEX S2F			
21196 93892016	ZRCD210196		6.12	104	112	1.27 115	-1.22 85	185 105	14.0 45	0.06 33	15.3 115	0.08 37	16.7 111	5.4 87	90 10	4	1	0	5806	260	4.5	201	3.5	AMBZED POWELLS CORTEX S2F 6262	2016		
21203 93892040	ZRCD210203		7.70	93	97	0.02 100	-1.31 84	-46 99	-8.7 51	-0.07 41	2.9 103	0.04 44	6.4 106	6.5 95	95 20	4	1	0	4624	193	4.2	155	3.4	BACON-HILL PETY MODESTY-ET 7162	2017		
21208 93892081	ZRCD210208		4.79	96	99	0.10 101	-0.94 89	5 100	-6.3 46	-0.07 31	4.4 104	0.04 36	15.6 106	-5.7 88	92 11	3	2	321	3831	188	4.9	143	3.7	AMBZED POWELLS CORTEX S2F 7236	2017		
21210 93892107	ZRCD210210		6.54	93	97	0.12 102	-1.17 86	-349 91	-1.6 48	0.12 37	-1.4 106	0.10 99	22.7 114	-2.0 82	96 22	4	2	327	4794	216	4.5	166	3.5	BACON-HILL PETY MODESTY-ET 8227	2018		
21211 93892115	ZRCD210211		7.68	91	96	-0.07 99	-1.32 84	70 102	-10.4 48	-0.13 37	1.6 93	-0.01 41	17.7 98	6.4 86	98 17	4	2	360	6075	249	4.1	204	3.4	BACON-HILL PETY MODESTY-ET			
21217 93892156	ZRCD210217		7.68	97	103	0.57 107	-1.32 84	-90 98	5.5 48	0.08 36	2.7 103	0.05 40	15.2 107	7.1 88	93 22	3	1	0	5530	250	4.5	187	3.4	BACON-HILL PETY MODESTY-ET			
21222 93894178	ZRCD210222		7.35	88	90	-0.45 95	-1.61 81	-316 92	-16.3 51	-0.04 41	-4.5 96	0.06 44	10.8 109	-0.9 92	95 20	4	2	387	3579	149	4.2	121	3.4	BACON-HILL PETY MODESTY-ET 7125	2017		
21225 93892198	ZRCD210225		7.68	78	83	-0.98 88	-1.32 84	-799 79	-16.8 48	0.15 33	-18.4 108	0.08 37	22.8 111	-2.1 82	88 22	2	1	0	2855	148	5.2	102	3.6	BACON-HILL PETY MODESTY-ET			
21233 93892255	ZRCD210233		4.76	108	110	1.08 113	-1.36 84	507 113	4.4 47	-0.15 37	19.1 119	0.02 40	-8.5 103	6.6 107	93 14	4	1	0	6123	248	4.1	206	3.4	AMBZED POWELLS CORTEX S2F 7199	2017		
21239 93892305	ZRCD210239		7.68	91	92	-0.32 96	-1.37 84	-271 93	-11.8 45	-0.01 33	-4.7 96	0.04 37	11.6 106	-1.5 91	98 10	4	2	380	4900	215	4.4	168	3.4	AMBZED POWELLS CORTEX S2F			
21253 93895860	ZRCD210253		5.55	82	81	-1.07 87	-1.91 77	-877 77	-21.1 48	0.14 28	-18.9 107	0.11 32	17.3 116	-8.5 87	101 22	1	1	0	3741	169	4.5	123	3.3	BACON-HILL PETY MODESTY-ET 13157	2013		
21255 93892412	ZRCD210255		5.66	91	94	-0.02 100	-1.91 77	-360 91	-8.3 48	0.06 27	-2.6 103	0.09 31	24.1 113	-0.8 81	99 21	1	1	0	6033	242	4.0	209	3.5	BACON-HILL PETY MODESTY-ET 4432	2014		
21264 93885895	ZRCD210264		6.36	107	111	1.15 114	-1.22 85	252 107	12.5 45	0.02 33	12.7 112	0.04 37	10.0 106	1.9 92	94 10	4	2	338	5175	238	4.6	181	3.5	AMBZED POWELLS CORTEX S2F 7082	2017		
21266 93885903	ZRCD210266		5.66	101	101	0.59 107	-1.96 76	-244 94	7.7 45	0.16 33	-3.4 108	0.05 37	2.7 107	-3.0 98	93 10	4	1	0	5403	246	4.6	171	3.2	AMBZED POWELLS CORTEX S2F 4220	2014		
21269 93885929	ZRCD210269		7.68	94	96	-0.05 100	-1.37 84	-45 99	-9.9 45	-0.08 33	1.8 96	0.03 37	9.7 104	2.1 92	97 10	4	2	345	5707	241	4.2	191	3.3	AMBZED POWELLS CORTEX S2F			
21275 93885960	ZRCD210275		7.68	91	96	0.08 101	-1.32 84	-333 91	-5.1 48	0.08 37	1.0 101	0.12 41	22.1 117	5.5 83	98 22	4	2	348	5916	264	4.5	212	3.6	BACON-HILL PETY MODESTY-ET			
21286 93886034	ZRCD210286		7.68	97	99	0.17 102	-1.37 84	43 101	-6.4 45	-0.08 33	3.6 96	0.02 37	6.8 103	2.1 95	97 10	4	2	357	5623	237	4.2	190	3.4	AMBZED POWELLS CORTEX S2F			
21288 93886042	ZRCD210288		6.54	96	99	0.23 103	-1.17 86	-243 94	-1.2 48	0.08 32	1.9 102	0.09 36	7.1 113	3.1 95	96 22	2	1	0	6002	260	4.3	199	3.3	BACON-HILL PETY MODESTY-ET 8163	2018		

COWS

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Cow				Selection Indices				Estimated Breeding Values (EBV)										Average Production Values							Pedigree		
FarmNr Regnr	Parent Verification	Name	% In- breed- ing*	LMI	LPI	EFI	BWI	Milk Index	BFat Index	BFat % Index	Prot Index	Prot % Index	Som Index	Calvnt Index	HLife R	Test/lact. 1 2 3	Nr. Lact	ICP	Kg Milk	Kg BFat	% BFat	Kg Prot	% Prot	Sire Dam	Dam 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												
21289 93895910	ZRCD210289		6.36	93	101	0.27 103	-1.17 86	98 103	-2.9 48	-0.06 37	4.3 104	0.01 101	19.7 85	6.9 25	92 15	92	4	1	0	5057	215	4.3	156	3.1	BACON-HILL PETY MODESTY-ET 7304	2017	
21290 93886059	ZRCD210290		7.68	87	91	-0.47 94	-1.32 84	-195 95	-14.7 48	-0.07 37	-5.3 96	0.01 101	10.0 92	5.4 25	94 15	94	4	1	0	5131	208	4.1	167	3.3	BACON-HILL PETY MODESTY-ET		
21297 93886117	ZRCD210297		9.57	92	93	-0.22 97	-1.19 86	-578 85	-3.6 50	0.19 34	-9.5 110	0.10 91	10.9 92	0.9 25	100 16	100	2	1	0	5614	274	4.9	191	3.4	BACON-HILL PETY MODESTY-ET 19421	2019	
21303 93886166	ZRCD210303		10.36	93	97	0.06 101	-0.89 89	-515 87	1.1 50	0.21 39	-3.9 96	0.13 119	13.7 89	0.5 27	92 19	92	4	2	347	4593	224	4.9	163	3.6	BACON-HILL PETY MODESTY-ET 7329	2017	
21310 93886216	ZRCD210310		5.66	95	93	-0.02 100	-1.96 76	-684 82	-2.7 45	0.24 31	-9.3 113	0.13 91	2.7 98	-8.6 16	93 10	93	3	1	0	3456	189	5.5	129	3.7	AMBZED POWELLS CORTEX S2F 4137	2014	
21313 93886232	ZRCD210313		5.66	94	92	-0.15 98	-1.96 76	-410 89	-9.9 45	0.06 33	-4.8 103	0.09 96	7.0 113	-5.6 17	97 10	97	4	2	356	4967	223	4.5	176	3.6	AMBZED POWELLS CORTEX S2F 4009	2014	
21316 93886265	ZRCD210316		7.68	95	99	0.30 104	-1.32 84	-370 90	5.4 48	0.19 37	-5.6 110	0.07 41	8.4 95	5.5 25	94 15	94	4	1	0	5063	243	4.8	169	3.3	BACON-HILL PETY MODESTY-ET		
21317 93886273	ZRCD210317		7.68	98	101	0.44 105	-1.32 84	-289 92	4.1 48	0.15 37	0.8 108	0.10 101	7.0 114	6.1 25	98 17	98	4	2	324	6203	280	4.5	212	3.4	BACON-HILL PETY MODESTY-ET		
21318 93886281	ZRCD210318		5.66	95	97	0.08 101	-1.91 77	147 104	-9.1 48	-0.14 36	0.3 92	-0.04 100	9.7 94	1.3 24	98 17	98	3	2	353	5836	230	3.9	193	3.3	BACON-HILL PETY MODESTY-ET 4049	2014	
21319 93895944	ZRCD210319		10.36	94	100	0.21 103	-0.89 89	-104 97	-2.1 50	0.02 39	3.4 101	0.06 103	10.0 92	4.6 27	88 19	88	4	2	368	4935	210	4.3	155	3.2	BACON-HILL PETY MODESTY-ET 7318	2017	
21321 93886307	ZRCD210321		7.07	81	82	-1.15 86	-1.17 86	-828 79	-20.1 49	0.13 36	-18.0 107	0.10 83	12.4 90	-3.7 24	97 17	97	3	2	350	3797	185	4.9	134	3.5	BACON-HILL PETY MODESTY-ET 19134	2019	
21354 93886570	ZRCD210354		5.66	85	83	-0.83 90	-1.91 77	-732 81	-19.3 48	0.10 28	-14.3 105	0.10 86	14.9 114	-6.0 22	99 15	99	1	1	0	4467	188	4.2	156	3.5	BACON-HILL PETY MODESTY-ET 4155	2014	
21357 93886596	ZRCD210357		6.36	86	87	-0.71 92	-1.17 86	-508 87	-17.4 48	0.03 37	-7.8 102	0.09 93	11.7 113	-0.7 25	96 17	96	4	2	378	4725	208	4.4	165	3.5	BACON-HILL PETY MODESTY-ET 7307	2017	
21362 93886646	ZRCD210362		7.70	94	96	0.02 100	-1.31 84	-86 98	-8.5 51	-0.05 41	2.2 97	0.05 107	3.6 97	5.4 29	95 18	95	4	1	0	4919	206	4.2	161	3.3	BACON-HILL PETY MODESTY-ET 7136	2017	
21375 93896017	ZRCD210375		5.55	79	81	-1.17 86	-1.91 77	-500 87	-26.3 48	-0.06 37	-17.2 84	0.00 41	22.5 100	-3.9 25	95 15	95	4	1	0	3875	149	3.8	112	2.9	BACON-HILL PETY MODESTY-ET 3085	2013	
21376 93886760	ZRCD210376		5.66	97	103	0.70 108	-1.91 77	-31 99	2.0 48	0.03 34	7.1 102	0.08 38	24.8 111	0.0 81	94 15	94	3	1	0	5020	223	4.5	181	3.6	BACON-HILL PETY MODESTY-ET 4476	2014	
21405 93886984	ZRCD210405		7.68	89	91	-0.28 97	-1.32 84	-553 86	-9.2 48	0.12 37	-5.4 106	0.13 95	14.0 119	2.3 25	98 17	98	4	2	355	4853	222	4.6	172	3.6	BACON-HILL PETY MODESTY-ET		
								Year of Birth : 2022																			
22061 93887537	ZRCD220061		8.22	89	87	-0.77 91	-0.89 89	-816 79	-7.8 37	0.25 95	-19.3 113	0.08 82	8.0 111	-6.4 4	101 1	101	1	1	0	4649	217	4.7	149	3.2	4112	2014	
22087 93895316	ZRCD220087		8.22	95	102	0.12 102	-0.15 98	253 107	-1.2 38	-0.11 17	3.7 94	-0.04 104	15.2 88	8.8 7	98 1	98	2	1	0	7214	289	4.0	230	3.2	6174	2016	
22108 93887842	ZRCD220108		8.22	89	92	-0.66 92	-0.15 98	-230 94	-11.2 38	-0.02 17	-8.4 99	-0.01 92	10.3 92	1.3 7	97 1	97	2	1	0	5468	224	4.1	176	3.2	6061	2016	
22135 93895340	ZRCD220135		8.22	102	101	0.21 103	-0.89 89	94 102	1.0 38	-0.03 12	-1.1 98	-0.04 99	-3.4 103	0.3 5	100 1	100	1	1	0	6116	256	4.2	186	3.0	3164	2013	

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 Regnr	Parent Verification	Name	% In- breeding*	LMI	LPI	EFI	BWI	Milk Index	BFat R	BFat % R	Prot Index	Prot % R	Som Index	CalvInt R	HLife R	Test/lact. 1 2 3	Nr. Lact	ICP	Kg Milk	Kg BFat	% BFat	Kg Prot	% Prot	Sire Dam	Dam 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													
22153 93888188	ZRCD220153		6.54	101	103	0.23 103	0.03 100	183 105	-2.2 36	-0.09 99	10.1 110	0.04 13	-11.8 106	1.7 8	87 3		1	0	6089	257	4.2	213	3.5	NO-FLA MERRIMAC-ET 8129	2018			
22168 93888295	ZRCD220168		8.22	107	109	0.81 110	-0.29 97	323 108	9.5 36	-0.04 106	11.2 111	0.00 11	-6.6 105	4.9 6	92 90		1	0	6414	269	4.2	223	3.5	7194	2017			
22191 93888469	ZRCD220191		8.22	91	92	-0.62 93	-0.12 99	-327 92	-9.2 37	0.03 95	-8.9 102	0.02 7	-7.5 103	2.5 5	89 95		1	0	5703	244	4.3	194	3.4	NO-FLA MERRIMAC-ET				
22200 93888543	ZRCD220200		8.22	99	101	0.27 103	-0.91 89	-89 98	4.7 16	0.07 103	-3.6 97	0.00 14	-3.0 100	0.1 9	88 10		1	0	5130	230	4.5	181	3.5	DE-SU ROCKFORD 12250-ET				
22212 93888634	ZRCD220212		8.22	106	102	0.32 104	-0.86 90	M-44 99	M 5.1 16	0.06 103	M-2.4 98	-0.01 14	M-8.4 107	M-3.0 9	M 109 3		1	0	0	0	0.0	0	0.0	DE-SU ROCKFORD 12250-ET				
22228 93892776	ZRCD220228		8.22	99	101	0.27 103	-0.91 89	-89 98	4.7 16	0.07 103	-3.6 97	0.00 14	-3.0 100	0.7 9	89 3		1	0	5297	231	4.4	182	3.4	DE-SU ROCKFORD 12250-ET				
22240 93888832	ZRCD220240		8.22	93	93	-0.49 94	-0.15 98	-202 95	-9.4 38	-0.02 94	-5.2 95	0.01 8	1.9 101	-2.9 3	95 1		1	0	5437	230	4.2	194	3.6	19134	2019			
22250 93888923	ZRCD220250		8.22	88	88	-0.90 89	-0.12 99	-511 87	-12.3 38	0.07 93	-13.4 87	0.04 7	-7.5 106	1.4 5	89 3		1	0	5264	230	4.4	185	3.5	NO-FLA MERRIMAC-ET				
22254 93888956	ZRCD220254		8.22	110	115	1.34 116	-0.91 89	562 115	16.9 44	-0.05 110	14.2 31	-0.04 94	8.1 94	2.0 14	93 96	2	1	0	6826	278	4.1	218	3.2	DE-SU ROCKFORD 12250-ET				
22256 93888972	ZRCD220256		8.22	100	101	0.27 103	-0.91 89	-89 98	4.7 16	0.07 103	-3.6 97	0.00 14	-3.0 100	2.0 9	93 96		1	0	0	0	0.0	0	0.0	DE-SU ROCKFORD 12250-ET				
22337 93890390	ZRCD220337		8.22	104	107	0.74 109	-0.91 89	235 106	10.2 40	0.00 106	4.2 104	-0.03 14	-3.0 96	2.2 9	88 3		1	0	5643	242	4.3	192	3.4	DE-SU ROCKFORD 12250-ET				
22394 93891307	ZRCD220394		8.22	98	101	0.06 101	-0.12 99	128 103	-1.5 37	-0.07 99	2.0 102	-0.02 7	-7.5 106	5.3 5	89 90		1	0	6415	263	4.1	216	3.4	NO-FLA MERRIMAC-ET				
22401 93891372	ZRCD220401		8.22	91	92	-0.37 96	-0.91 89	-518 87	-2.5 41	0.18 99	-14.0 87	0.03 14	-3.0 104	-0.2 9	88 10		1	0	4939	220	4.5	174	3.5	DE-SU ROCKFORD 12250-ET				
Average (Herd): Number:156			6.69	93	94	-0.35	-0.75	-182	-10.2	-0.03	-3.6	0.02	100	2.6	99													
Cow Average (Breed): 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 Regnr		Sire	Nr Lact	Tot Daughts		Act Daughts		BREEDING VALUE- and SELECTION INDICES									
Birth Year		Country of Sire		Birth Years Total In Milk		Birth Years Total In Milk			Milk	BFat	Prot	BF%	Prot%	UdHlth	Fert	HLife	EFI
Breed Average :								100	103	103	102	104	102	102	103	104	105
Herd Average :								94	95	96	100	103	99	99	99	96	94
1	7125	B-HIDDENHILLS PLAN 1023		2021	-	2021	2021	-	2021								
	93893790		5	1		1											
	2017	USA		1	1	Cow EBVi:	94	87	94	93	103	105	102	103	90	91	
2	7236	PUTTERGILL MOGUL SHOTMO		2021	-	2023	2021	-	2023								
	93876761	13100	5	2		2											
	2017	ZAF		1	1	Dghts EBVi:	92	90	96	98	109	92	102	95	95	88	
3	7194	B-HIDDENHILLS PLAN 1023		2022	-	2024	2022	-	2024								
	93876415		4	2		2											
	2017	USA		1	1	Cow EBVi:	106	105	109	99	101	111	87	102	109	109	
4	7218	B-HIDDENHILLS PLAN 1023		2021	-	2021	-										
	93876704		4	1		0											
	2017	USA		1	0	Cow EBVi:	89	77	86	88	98	107	90	104	78	79	
5	7136	B-HIDDENHILLS PLAN 1023		2021	-	2024	2021	-	2024								
	93876431		4	2		2											
	2017	USA		1	1	Dghts EBVi:	98	95	101	97	105	101	92	96	99	95	
6	19233			2021	-	2021	2021	-	2021								
	93885614		3	1		1											
	2019	ZAF		1	1	Cow EBVi:	86	99	83	111	100	91	97	96	93	88	
7	7329	PUTTERGILL MOGUL SHOTMO		2021	-	2021	2021	-	2021								
	93875797	13100	3	1		1											
	2017	ZAF		1	1	Dghts EBVi:	87	101	96	111	119	89	99	92	101	93	
8	7260	B-HIDDENHILLS PLAN 1023		2021	-	2021	2021	-	2021								
	93893980		3	1		1											
	2017	USA		1	1	Cow EBVi:	102	89	102	89	100	106	87	105	94	94	

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 Regnr	Parent Verification	Name	% Inbr- ding	LMI	LPI	EFI	BWI	Milk Index R	BFat Index R	BFat% Index	Prot Index R	Prot% Index	Somatics Index R	CalvInt Index R	HLife 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						
								Year of Birth : 2022													
22233 93888766	ZRCD220233		8.22	97	97	-0.17 98	-0.26 97	M -134 97	M -3.3 10 98 7	0.02 101	M -3.1 97 7	0.01 101	M -7.8 106 5	M 4.6 91 3 4	M 97	NO-FLA MERRIMAC-ET					
22249 93888915	ZRCD220249		8.22	106	102	0.32 104	-0.86 90	M -44 99	M 5.1 16 103 13	0.06 103	M -2.4 98 14	-0.01 98	M -8.4 107 9	M -3.0 106 3	M 109 7	DE-SU ROCKFORD 12250-ET					
22352 93890531	ZRCD220352		8.22	106	102	0.32 104	-0.86 90	M -44 99	M 5.1 16 103 13	0.06 103	M -2.4 98 14	-0.01 98	M -8.4 107 9	M -3.0 106 3	M 109 7	DE-SU ROCKFORD 12250-ET					
								Year of Birth : 2023													
23103 94802063	ZRCD230103		5.55	100	98	-0.09 99	-0.34 96	M -180 95	M 0.3 26 100 24	0.07 104	M -5.1 95 24	0.01 101	M 1.0 99 22	M -3.4 106 19	M 105 20	OCD MARVEL-ET	3164	2013			
23145 94835402	ZRCD230145		6.12	101	102	0.08 101	0.57 107	M 1 100	M 4.1 26 103 24	0.04 102	M 0.7 101 25	0.01 101	M 3.6 97 22	M 1.6 97 19	M 102 20	OCD MARVEL-ET	6174	2016			
23153 95427431	ZRCD230153		8.81	92	94	-0.30 96	-0.58 93	-298 92	-7.6 12 96 9	0.04 102	-3.4 97 10	0.06 109	6.3 95 6	-1.1 102 4	94 6		21357	2021			
23157 95427464	ZRCD230157		8.81	97	97	-0.17 98	-0.29 97	38 101	-7.7 14 95 11	-0.09 95	1.6 102 11	0.00 100	-4.6 104 6	2.0 96 4	98 4		7159	2017			
23158 95427472	ZRCD230158		8.81	95	96	-0.26 97	-0.15 98	-204 95	-4.0 1 98 1	0.04 102	-4.2 96 1	0.02 103	1.8 99 1	-0.5 101 1	94 1		6302	2016			
23171 95448213	ZRCD230171		8.81	89	87	-0.81 90	-0.89 89	-545 86	-13.8 2 92 1	0.08 104	-14.3 86 1	0.04 106	4.8 96 1	-6.6 113 1	99 1		13157	2013			
23173 95448239	ZRCD230173		8.81	97	100	0.00 100	0.13 102	21 101	-2.8 13 98 10	-0.04 98	4.3 104 10	0.03 104	4.7 96 4	-0.5 101 3	92 2		7236	2017			
23197 95448478	ZRCD230197		8.81	93	95	-0.28 97	-0.66 92	-243 94	-6.9 12 96 9	0.02 101	-4.3 96 10	0.04 106	5.0 96 6	-0.2 100 4	95 6		21175	2021			
23199 95448494	ZRCD230199		5.66	95	91	-0.28 97	-1.85 78	M -365 91	M -11.6 16 93 14	0.03 102	M -6.2 94 15	0.06 109	M 16.9 87 14	M -16.0 131 13	M 102 11	AMBZED POWELLS CORTEX S2F	4513	2014			
23201 95448510	ZRCD230201		11.18	102	104	0.32 104	-0.02 100	M 24 101	M 4.2 37 103 34	0.03 102	M 4.9 105 35	0.04 106	M 2.2 98 29	M 2.2 96 23	M 100 26	OCD MARVEL-ET	21203	2021			
23202 95448528	ZRCD230202		8.81	90	91	-0.43 95	-0.96 89	-554 86	-8.2 12 95 7	0.14 107	-8.6 92 8	0.10 114	10.2 92 5	-3.2 106 4	94 5		21340	2021			
23213 95448635	ZRCD230213		8.81	93	92	-0.37 96	-1.33 84	M -292 92	M -11.9 16 93 14	0.00 100	M -5.4 95 15	0.04 106	M 15.1 88 9	M -10.0 119 4	M 102 6	AMBZED POWELLS CORTEX S2F					
23215 95448650	ZRCD230215		8.81	95	96	-0.26 97	-0.15 98	-204 95	-4.0 1 98 1	0.04 102	-4.2 96 1	0.02 103	1.8 99 1	-0.5 101 1	94 1		7084	2017			
23223 95448734	ZRCD230223		5.66	94	92	-0.22 97	-1.85 78	M -321 92	M -12.3 19 93 15	0.01 100	M -3.3 97 16	0.07 110	M 17.0 87 14	M -13.7 126 13	M 99 11	AMBZED POWELLS CORTEX S2F	4107	2014			
23225 95448759	ZRCD230225		6.12	98	97	-0.02 100	-0.94 89	M -176 95	M -5.7 16 97 14	0.01 100	M 0.0 100 15	0.06 109	M 14.3 89 14	M -11.1 121 13	M 99 11	AMBZED POWELLS CORTEX S2F	6303	2016			
23226 95448767	ZRCD230226		8.81	100	100	0.00 100	-0.29 97	132 103	-5.1 14 97 10	-0.10 95	4.0 104 11	0.00 100	-8.4 107 6	4.0 92 5	97 4		7199	2017			
23229 95448791	ZRCD230229		8.46	103	101	0.04 101	0.23 103	M 6 100	M -0.1 30 100 29	0.00 100	M 2.5 103 29	0.02 103	M -5.4 104 26	M 0.1 100 23	M 105 24	OCD MARVEL-ET	7095	2017			

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 Regnr	Parent Verification	Name	% Inbr- ding	LMI	LPI	EFI	BWI	Milk Index <i>R</i>	BFat Index <i>R</i>	BFat% Index	Prot Index <i>R</i>	Prot% Index	Somatics Index <i>R</i>	CalvInt Index <i>R</i>	HLife <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						
23231 95448817	ZRCD230231		8.46	102	101	0.04 101	0.23 103	M 6 100	M -0.1 30	0.00 100	M 2.5 103	0.02 103	M -5.4 104	M 1.8 26	M 105 24	OCD MARVEL-ET	7116	2017			
23236 95467833	ZRCD230236		8.81	99	101	0.15 102	-0.15 98	M -151 96	M 2.4 12	0.08 102	0.6 7	0.05 104	4.9 101	-2.1 8	95 1		8227	2018			
23245 95468096	ZRCD230245		4.79	101	102	0.36 104	-0.67 92	M 77 102	M 0.5 28	-0.02 100	M 6.1 21	0.03 99	M 14.2 106	M -9.2 23	M 95 13	AMBZED POWELLS CORTEX S2F	7321	2017			
23264 95468278	ZRCD230264		8.81	97	96	-0.24 97	-0.29 97	M -86 98	M -7.5 6	-0.05 97	-0.4 100	0.02 103	-3.8 103	0.3 99	98 5		7299	2017			
23265 95468286	ZRCD230265		10.79	95	95	-0.32 96	-0.03 100	M -410 89	M -2.4 36	0.14 99	M -7.1 31	0.06 107	M 4.8 93	M -1.5 32	M 101 25	OCD MARVEL-ET	21291	2021			
23271 95468344	ZRCD230271		6.36	98	97	-0.02 100	-0.94 89	M -176 95	M -5.7 16	0.01 97	M 0.0 14	0.06 100	M 14.3 89	M -11.1 14	M 99 11	AMBZED POWELLS CORTEX S2F	7209	2017			
23276 95468393	ZRCD230276		8.81	91	91	-0.54 94	-0.89 89	M -393 90	M -9.9 1	0.05 94	-10.4 1	0.03 103	4.4 97	-4.3 108	97 1		4307	2014			
23280 95468435	ZRCD230280		10.79	101	103	0.27 103	-0.03 100	M 82 102	M 3.3 36	0.00 102	M 4.2 33	0.01 100	M 7.8 104	M 2.1 34	M 102 25	OCD MARVEL-ET	21211	2021			
23282 95468450	ZRCD230282		8.81	97	96	-0.37 96	0.19 102	M -229 94	M -2.8 23	0.06 98	M -6.6 22	0.01 103	M 1.1 94	M 0.4 23	M 104 16	OCD MARVEL-ET					
23284 95468476	ZRCD230284		8.81	97	98	-0.13 98	-0.29 97	M -25 99	M -7.7 14	-0.07 95	3.5 11	0.04 96	-0.9 101	2.0 96	98 4		7160	2017			
23285 95468484	ZRCD230285		4.76	99	97	0.04 101	-1.30 84	M -52 99	M -8.9 22	-0.06 95	M 4.0 19	0.05 97	M 8.3 104	M -8.3 20	M 103 15	AMBZED POWELLS CORTEX S2F	7138	2017			
23289 95468526	ZRCD230289		8.81	93	92	-0.37 96	-1.33 84	M -292 92	M -11.9 16	0.00 93	M -5.4 14	0.04 100	M 15.1 88	M -10.0 9	M 102 6	AMBZED POWELLS CORTEX S2F					
23301 95468641	ZRCD230301		8.81	96	99	-0.11 99	0.13 102	M -110 97	M -0.9 3	0.03 100	-1.3 3	0.02 103	2.5 98	1.3 2	91 2		7229	2017			
23304 95468674	23304		8.12	103	101	0.08 101	-0.04 100	M -31 99	M 0.1 30	0.01 100	M 2.1 29	0.03 104	M -4.4 103	M -0.7 26	M 105 24	OCD MARVEL-ET	7168	2017			
23305 95468682	ZRCD230305		5.66	94	91	-0.28 97	-1.85 78	M -365 91	M -11.6 16	0.03 93	M -6.2 14	0.06 102	M 16.9 87	M -14.9 14	M 102 11	AMBZED POWELLS CORTEX S2F	4434	2014			
23310 95468740	ZRCD230310		8.30	105	103	0.21 103	0.46 106	M -81 98	M 8.5 34	0.11 105	M -1.1 30	0.02 106	M -6.4 105	M -4.3 25	M 101 24	OCD MARVEL-ET	20149	2020			
23311 95468757	ZRCD230311		8.81	90	91	-0.51 94	-0.58 93	M -458 88	M -9.0 12	0.09 95	-8.5 9	0.07 105	6.7 95	-2.7 105	94 6		21321	2021			
23312 95468765	ZRCD230312		5.83	98	96	0.02 100	-1.20 86	M -212 94	M -5.6 16	0.03 97	M -0.5 14	0.06 102	M 15.2 88	M -13.6 14	M 99 11	AMBZED POWELLS CORTEX S2F	6115	2016			
23317 95468815	ZRCD230317		8.81	95	96	-0.26 97	-0.15 98	M -204 95	M -4.0 1	0.04 98	-4.2 1	0.02 103	1.8 99	-0.5 101	94 1		7302	2017			
23322 95495693	ZRCD230322		4.76	95	94	-0.24 97	-1.30 84	M -164 96	M -12.6 28	-0.06 92	M -0.2 21	0.05 97	M 6.4 100	M -5.1 23	M 103 15	AMBZED POWELLS CORTEX S2F	7181	2017			
23326 95495735	ZRCD230326		5.55	94	91	-0.28 97	-1.85 78	M -365 91	M -11.6 16	0.03 93	M -6.2 14	0.06 102	M 16.9 87	M -14.9 14	M 102 11	AMBZED POWELLS CORTEX S2F	3026	2013			
23340 95495875	ZRCD230340		6.36	98	97	-0.02 100	-0.94 89	M -176 95	M -5.7 16	0.01 97	M 0.0 14	0.06 100	M 14.3 89	M -11.1 14	M 99 11	AMBZED POWELLS CORTEX S2F	7076	2017			
23348 95517967	ZRCD230348		5.66	98	95	-0.26 97	-0.34 96	M -302 92	M -2.5 24	0.09 99	M -7.4 24	0.03 105	M 2.9 98	M -4.5 22	M 104 19	OCD MARVEL-ET	4454	2014			

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 Regnr	Parent Verification	Name	% Inbr- ding	LMI	LPI	EFI	BWI	Milk Index <i>R</i>	BFat Index <i>R</i>	BFat% Index	Prot Index <i>R</i>	Prot% Index	Somatics Index <i>R</i>	CalvInt Index <i>R</i>	HLife <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 : 2024													
24014 96531124	ZRCD240014*		8.33	98	100	0.19 102	-0.58 93	-165 96	0.5 12	0.06 100	1.5 8	0.07 103	4.0 97	0.7 6	94 5			21288	2021		
24027 96531256	ZRCD240027*		8.33	96	97	-0.19 98	-0.29 97	-131 97	-6.2 13	-0.02 96	-0.5 9	0.04 99	-0.4 100	2.0 5	98 4			7350	2017		
24033 96531314	ZRCD240033*		8.33	94	96	-0.28 97	-0.07 99	-159 96	-4.5 9	0.01 97	-3.7 4	0.02 100	5.6 96	-0.2 1	94 1			22108	2022		
24038 96531363	ZRCD240038*		8.33	97	99	0.04 101	-0.15 98	-210 95	0.9 12	0.08 101	-0.5 7	0.06 104	7.9 94	-0.5 2	94 1			7337	2017		
24039 96531371	ZRCD240039*		8.33	96	99	-0.11 99	0.13 102	-110 97	-0.9 3	0.03 100	-1.3 3	0.02 102	2.5 98	1.3 2	91 3			7391	2017		
24041 96531397	ZRCD240041*		8.33	98	100	0.17 102	-0.68 92	-77 98	-0.8 11	0.02 100	1.7 7	0.04 101	1.8 99	1.6 4	95 3			21191	2021		
24045 96531439	ZRCD240045*		8.33	95	96	-0.26 97	-0.15 98	-204 95	-4.0 1	0.04 98	-4.2 1	0.02 102	1.8 99	-0.5 1	94 1			6204	2016		
24058 96530852	ZRCD240058*		8.33	98	99	-0.05 100	-0.15 98	9 100	-6.3 8	-0.06 96	5.1 7	0.04 105	-1.8 106	-0.8 101	93 3			8129	2018		
24059 96530860	ZRCD240059*		8.33	96	96	-0.24 97	-0.29 97	-86 98	-7.5 6	-0.05 96	-0.4 6	0.02 97	-3.8 103	2.0 5	98 4			7205	2017		
24060 96530878	ZRCD240060*		8.33	96	96	-0.24 97	-0.29 97	-86 98	-7.5 6	-0.05 96	-0.4 6	0.02 97	-3.8 103	2.0 5	98 4			7141	2017		
24070 96530977	ZRCD240070*		8.33	96	98	-0.09 99	-0.15 98	-167 96	-1.9 9	0.04 99	-1.2 4	0.04 102	4.4 97	-0.5 1	94 1			22039	2022		
24080 96531074	ZRCD240080*		8.33	96	96	-0.26 97	-0.29 97	-74 98	-7.8 7	-0.05 95	-0.5 7	0.02 97	-5.1 104	2.3 5	97 4			7136	2017		
24102 96558291	ZRCD240102*		8.33	96	96	-0.24 97	-0.29 97	-86 98	-7.5 6	-0.05 96	-0.4 6	0.02 97	-3.8 103	2.0 5	98 4			7142	2017		
24114 96588769	ZRCD240114*		8.33	93	95	-0.34 96	-0.15 98	-289 92	-3.3 2	0.08 98	-7.7 1	0.02 104	4.3 93	0.0 1	95 1			6207	2016		
24123 96588850	ZRCD240123*		8.33	91	91	-0.54 94	-0.89 89	-393 90	-9.9 1	0.05 94	-10.4 1	0.03 103	4.4 90	-4.3 1	97 1			4281	2014		
24137 96629845	ZRCD240137*		8.33	96	96	-0.24 97	-0.29 97	-86 98	-7.5 6	-0.05 96	-0.4 6	0.02 97	-3.8 103	2.0 5	98 4			7245	2017		
24138 96629852	ZRCD240138*		8.33	95	98	-0.17 98	-0.15 98	-90 98	-3.3 1	0.00 98	-2.3 1	0.01 101	5.1 96	1.8 1	95 1			6174	2016		
24142 96629894	ZRCD240142*		8.33	96	96	-0.24 97	-0.29 97	-86 98	-7.5 6	-0.05 96	-0.4 6	0.02 97	-3.8 103	2.0 5	98 4			7099	2017		
24155 96630025	ZRCD240155*		8.33	108	101	0.44 105	-1.44 83	M -143 96	M 4.8 1	0.10 103	M -1.0 1	0.04 105	M -1.6 101	M -2.2 104	M 121 1	DELTA RAVEL-RED					
24158 96675525	ZRCD240158*		7.37	113	106	0.79 109	-1.35 84	M 79 102	M 6.4 21	0.03 104	M 7.8 18	0.05 102	M -7.9 108	M -0.7 19	M 121 12	DELTA RAVEL-RED		7109	2017		
24159 97193882	ZRCD240159*		10.26	107	108	0.79 109	-0.38 96	M 129 103	M 10.3 27	0.05 106	M 9.6 21	0.05 103	M -8.2 109	M 3.2 21	M 92 20	SANDY-VALLEY CREAMER-ET		22153	2022		

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 Regnr	Parent Verification	Name	% Inbr- ding	LMI	LPI	EFI	BWI	Milk Index <i>R</i>	BFat Index <i>R</i>	BFat% Index	Prot Index <i>R</i>	Prot% Index	Somatics Index <i>R</i>	CalvInt Index <i>R</i>	HLife <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						
24164 97193890	ZRCD240164*		8.22	103	104	0.51 106	-0.59 93	M -20 99	M 8.1 26 105	0.08 18 104	M 2.3 102	18	0.03 104	M -1.0 101	M 2.6 19 95	M 97 18	SANDY-VALLEY CREAMER-ET	22392	2022		
24165 97193908	ZRCD240165*		11.10	100	101	0.25 103	-0.57 93	M -218 94	M 5.3 28 103	0.13 19 107	M -2.1 98	20	0.05 107	M -6.0 105	M 3.0 20 94	M 94 20	SANDY-VALLEY CREAMER-ET	22250	2022		
24182 97193957	ZRCD240182*		8.33	90	91	-0.51 94	-0.58 93	-458 88	-9.0 12 95	0.09 9 105	-8.5 92	10	0.07 110	6.7 95	-2.7 105	94 6		21321	2021		
24193 97219505	ZRCD240193*		8.33	94	95	-0.22 97	-0.89 89	-253 93	-5.9 2 97	0.04 1 102	-5.4 95	1	0.03 104	7.3 94	-3.7 107	96 1		4476	2014		
24205 97219539	ZRCD240205*		10.07	103	105	0.72 109	-1.01 88	M -137 96	M 10.4 30 106	0.15 27 108	M 3.8 104	28	0.08 111	M 9.2 93	M 1.2 25 97	M 97 24	SANDY-VALLEY CREAMER-ET	21210	2021		
24213 97219596	ZRCD240213*		8.33	99	101	0.15 102	-0.15 98	-151 96	2.4 12 102	0.08 7 104	0.6 101	8	0.05 107	4.9 96	-2.1 104	95 1		8227	2018		
24226 97219646	ZRCD240226*		8.33	95	96	-0.26 97	-0.15 98	-204 95	-4.0 1 98	0.04 1 102	-4.2 96	1	0.02 103	1.8 99	-0.5 101	94 1		6238	2016		
24240 97219711	ZRCD240240*		8.33	91	91	-0.54 94	-0.89 89	-393 90	-9.9 1 94	0.05 1 103	-10.4 90	1	0.03 104	4.4 97	-4.3 108	97 1		4454	2014		
24244 97219745	ZRCD240244*		7.31	111	108	0.98 112	-1.61 81	M 142 104	M 9.1 27 106	0.03 22 102	M 9.2 109	23	0.04 106	M 5.3 96	M -0.3 25 101	M 118 13	DELTA RAVEL-RED	21211	2021		
24259 97242069	ZRCD240259*		8.33	98	98	-0.11 99	-0.29 97	-36 99	-6.3 14 96	-0.05 11 97	2.2 102	11	0.03 104	-5.0 104	2.0 96	98 4		7135	2017		
24271 97242135	ZRCD240271*		8.33	98	101	0.27 103	-0.66 92	-188 95	3.1 12 102	0.10 9 105	0.9 101	10	0.07 110	4.0 97	2.2 96	95 6		21317	2021		
24280 97242200	ZRCD240280*		8.33	96	99	-0.11 99	0.13 102	-110 97	-0.9 3 100	0.03 3 102	-1.3 99	3	0.02 103	2.5 98	1.3 97	91 2		7272	2017		
24291 97242291	ZRCD240291*		8.33	104	104	0.42 105	-0.29 97	70 102	5.2 14 103	0.01 11 100	5.1 105	11	0.02 103	-6.6 105	2.6 95	97 4		7194	2017		
24299 97242358	ZRCD240299*		8.33	91	91	-0.54 94	-0.89 89	-393 90	-9.9 1 94	0.05 1 103	-10.4 90	1	0.03 104	4.4 97	-4.3 108	97 1		4028	2014		
24304 97242408	ZRCD240304*		8.33	97	96	-0.19 98	-0.59 93	-122 97	-7.4 6 96	-0.03 6 98	-0.8 99	6	0.03 104	-2.9 102	-0.4 101	98 5		7168	2017		
24318 97242531	ZRCD240318*		8.33	91	91	-0.54 94	-0.89 89	-393 90	-9.9 1 94	0.05 1 103	-10.4 90	1	0.03 104	4.4 97	-4.3 108	97 1		4434	2014		
24323 97264071	ZRCD240323*		8.33	95	96	-0.26 97	-0.15 98	-204 95	-4.0 1 98	0.04 1 102	-4.2 96	1	0.02 103	1.8 99	-2.4 105	94 1		7207	2017		
24327 97264105	ZRCD240327*		5.43	102	103	0.61 107	-1.60 81	M -98 97	M 5.4 29 103	0.09 26 105	M 2.2 102	27	0.05 107	M 3.6 97	M 1.6 23 97	M 98 21	SANDY-VALLEY CREAMER-ET	21239	2021		
24340 97264196	ZRCD240340*		8.33	95	96	-0.26 97	-0.15 98	-204 95	-4.0 1 98	0.04 1 102	-4.2 96	1	0.02 103	1.8 99	-0.5 101	94 1		7302	2017		
24343 97264220	ZRCD240343*		8.33	96	96	-0.24 97	-0.29 97	-86 98	-7.5 6 96	-0.05 6 97	-0.4 100	6	0.02 103	-3.8 103	2.0 96	98 4		7124	2017		
24363 97264360	ZRCD240363*		8.33	97	96	-0.24 97	-0.29 97	-86 98	-7.5 6 96	-0.05 6 97	-0.4 100	6	0.02 103	-3.8 103	0.5 99	98 5		7176	2017		
24364 97264378	ZRCD240364*		7.35	115	107	0.91 111	-1.18 86	M -112 97	M 15.7 27 110	0.19 20 110	M 1.9 102	22	0.05 107	M -3.5 103	M -4.4 23 108	M 122 9	DELTA RAVEL-RED	19407	2019		
24369 97264410	ZRCD240369*		6.35	106	108	1.00 112	-1.57 81	M 184 105	M 7.5 30 105	0.00 27 100	M 11.6 111	28	0.05 107	M -0.1 100	M 4.0 24 92	M 98 20	SANDY-VALLEY CREAMER-ET	21190	2021		

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 Regnr	Parent Verification	Name	% Inbr- ding	LMI	LPI	EFI	BWI	Milk Index R	BFat Index R	BFat% Index	Prot Index R	Prot% Index	Somatics Index R	CalvInt Index R	HLife 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					
24370 97264428	ZRCD240370*		9.51	103	102	0.42 105	-0.93 89	M -3 100	M 2.7 24	0.03 102	M 3.7 104	0.04 24	M -6.5 106	M 5.1 24	M 101 22	SANDY-VALLEY CREAMER-ET	7197	2017		
24380 97284921	ZRCD240380*		8.33	92	90	-0.56 93	-0.89 89	M -524 86	M -8.6 2	0.12 106	M -12.5 88	0.05 107	2.1 98	-5.5 111	96 1		4137	2014		
24385 97284954	ZRCD240385*		6.12	101	102	0.36 104	-0.59 93	M -121 97	M 6.4 18	0.11 104	M -0.1 18	0.04 106	M -1.0 101	M 2.6 19	M 97 18	SANDY-VALLEY CREAMER-ET	6095	2016		
24393 97284970	ZRCD240393*		8.33	95	96	-0.26 97	-0.15 98	M -204 95	M -4.0 1	0.04 102	M -4.2 96	0.02 103	1.8 99	-0.5 101	94 1		7183	2017		
24403 97285035	ZRCD240403*		5.66	98	97	0.12 102	-1.50 82	M -310 92	M 0.5 18	0.12 106	M -6.3 94	0.04 106	M 1.7 99	M -1.2 102	M 100 18	SANDY-VALLEY CREAMER-ET	4428	2014		
24414 97308043	ZRCD240414*		5.89	102	102	0.40 105	-0.86 90	M -157 96	M 6.5 18	0.12 106	M -0.6 100	0.04 106	M 0.0 100	M -1.9 104	M 97 18	SANDY-VALLEY CREAMER-ET	6259	2016		
24422 97308084	ZRCD240422*		6.78	112	109	0.91 111	-0.74 91	M 58 102	M 13.6 18	0.10 108	M 7.1 16	0.05 107	M -1.6 101	M -1.5 21	M 114 10	DELTA RAVEL-RED	7251	2017		
24428 97340194	ZRCD240428*		6.86	112	109	1.08 113	-1.27 85	M 53 101	M 13.2 27	0.10 108	M 10.1 24	0.08 111	M 1.5 99	M -1.2 25	M 112 13	DELTA RAVEL-RED	21319	2021		
Average (Heifers in Herd):			7.99	98	98	-0.02	-0.58	-154	-2.5	0.03	-1.3	0.04	98	-1.8	99.0					
Number: 95																				
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 CompNr	Name	Birth. Year	% In- breeding	LMI	LPI	EFI	BWI	Milk Index	BFat Index	Prot Index	BFat % Index	Prot % Index	Som Index	CalvInt Index	HLife R	Sire	Dam	
1	24364 97264378	ZRCD240364*	2024	7.35	115	107	0.91 111	-1.18 86	-112 97	15.7 27	1.9 110	0.19 20	0.05 102	-3.5 103	-4.4 23	122 108	DELTA RAVEL-RED	19407	
2	24158 96675525	ZRCD240158*	2024	7.37	113	106	0.79 109	-1.35 84	79 102	6.4 21	7.8 104	0.03 18	0.05 108	-7.9 107	-0.7 24	121 101	DELTA RAVEL-RED	7109	
3	24422 97308084	ZRCD240422*	2024	6.78	112	109	0.91 111	-0.74 91	58 102	13.6 18	7.1 108	0.10 15	0.05 107	-1.6 105	-1.5 107	114 101	DELTA RAVEL-RED	7251	
4	24428 97340194	ZRCD240428*	2024	6.86	112	109	1.08 113	-1.27 85	53 101	13.2 27	10.1 108	0.10 22	0.08 110	1.5 105	-1.2 111	112 99	DELTA RAVEL-RED	21319	
5	24244 97219745	ZRCD240244*	2024	7.31	111	108	0.98 112	-1.61 81	142 104	9.1 27	9.2 106	0.03 22	0.04 109	5.3 23	-0.3 102	118 13	DELTA RAVEL-RED	21211	
6	22254 93888956	ZRCD220254	2022	8.22	110	115	1.34 116	-0.91 89	562 115	16.9 44	14.2 110	-0.05 26	-0.04 114	8.1 31	2.0 97	93 94	DE-SU ROCKFORD 12250-ET		
7	7140 93876464	ZRCD170140	2017	6.36	110	108	0.81 110	-0.58 93	117 103	10.3 55	9.2 106	0.04 44	0.05 109	-11.2 24	5.0 90	104 18	B-HIDDENHILLS PLAN 1023		
8	7194 93876415	ZRCD170194	2017	6.36	109	108	0.74 109	-0.58 93	229 106	8.3 54	9.1 105	-0.02 44	0.01 109	-14.2 111	6.8 24	102 87	B-HIDDENHILLS PLAN 1023		
9	21233 93892255	ZRCD210233	2021	4.76	108	110	1.08 113	-1.36 84	507 113	4.4 47	19.1 103	-0.15 37	0.02 119	-8.5 40	6.6 92	93 14	AMBZED POWELLS CORTEX S2F	7199	
10	24155 96630025	ZRCD240155*	2024	8.33	108	101	0.44 105	-1.44 83	-143 96	4.8 1	-1.0 103	0.10 99	0.04 1	-1.6 105	-2.2 106	121 1	DELTA RAVEL-RED		
11	22168 93888295	ZRCD220168	2022	8.22	107	109	0.81 110	-0.29 97	323 108	9.5 36	11.2 106	-0.04 11	0.00 111	-6.6 98	4.9 100	92 6		7194	
12	24159 97193882	ZRCD240159*	2024	10.26	107	108	0.79 109	-0.38 96	129 103	10.3 27	9.6 106	0.05 21	0.05 109	-8.2 103	3.2 107	92 94	SANDY-VALLEY CREAMER-ET	22153	
13	21264 93885895	ZRCD210264	2021	6.36	107	111	1.15 114	-1.22 85	252 107	12.5 45	12.7 108	0.02 33	0.04 112	10.0 37	1.9 101	94 10	AMBZED POWELLS CORTEX S2F	7082	
14	22249 93888915	ZRCD220249	2022	8.22	106	102	0.32 104	-0.86 90	-44 99	5.1 16	-2.4 103	0.06 13	-0.01 98	-8.4 103	-3.0 98	109 106	DE-SU ROCKFORD 12250-ET		
15	22352 93890531	ZRCD220352	2022	8.22	106	102	0.32 104	-0.86 90	-44 99	5.1 16	-2.4 103	0.06 13	-0.01 98	-8.4 107	-3.0 9	109 106	DE-SU ROCKFORD 12250-ET		
16	24369 97264410	ZRCD240369*	2024	6.35	106	108	1.00 112	-1.57 81	184 105	7.5 30	11.6 105	0.00 27	0.05 111	-0.1 100	4.0 24	98 92	SANDY-VALLEY CREAMER-ET	21190	
17	22212 93888634	ZRCD220212	2022	8.22	106	102	0.32 104	-0.86 90	-44 99	5.1 16	-2.4 103	0.06 13	-0.01 98	-8.4 107	-3.0 9	109 106	DE-SU ROCKFORD 12250-ET		
18	23310 95468740	ZRCD230310	2023	8.30	105	103	0.21 103	0.46 106	-81 98	8.5 34	-1.1 105	0.11 30	0.02 99	-6.4 103	-4.3 25	101 108	OCD MARVEL-ET	20149	
19	21196 93892016	ZRCD210196	2021	6.12	104	112	1.27 115	-1.22 85	185 105	14.0 45	15.3 109	0.06 33	0.08 115	16.7 103	5.4 111	90 87	AMBZED POWELLS CORTEX S2F	6262	
20	22337 93890390	ZRCD220337	2022	8.22	104	107	0.74 109	-0.91 89	235 106	10.2 40	4.2 106	0.00 13	-0.03 104	-3.0 100	2.2 9	88 96	DE-SU ROCKFORD 12250-ET		
21	24291 97242291	ZRCD240291*	2024	8.33	104	104	0.42 105	-0.29 97	70 102	5.2 14	5.1 103	0.01 11	0.02 105	-6.6 6	2.6 95	97 4		7194	
22	24164 97193890	ZRCD240164*	2024	8.22	103	104	0.51 106	-0.59 93	-20 99	8.1 26	2.3 105	0.08 18	0.03 102	-1.0 104	2.6 19	97 95	SANDY-VALLEY CREAMER-ET	22392	
23	23229 95448791	ZRCD230229	2023	8.46	103	101	0.04 101	0.23 103	6 100	-0.1 30	2.5 100	0.00 29	0.02 103	-5.4 104	0.1 26	105 100	OCD MARVEL-ET	7095	

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24	23304 95468674	23304	2023	8.12	103	101	0.08 101	-0.04 100	-31 99	0.1 30	2.1 102	0.01 29	0.03 100	-4.4 103	-0.7 101	105 24	OCD MARVEL-ET	7168		
25	24370 97264428	ZRCD240370*	2024	9.51	103	102	0.42 105	-0.93 89	-3 100	2.7 24	3.7 104	0.03 23	0.04 106	-6.5 105	5.1 24	101 90	SANDY-VALLEY CREAMER-ET	7197		
26	24205 97219539	ZRCD240205*	2024	10.07	103	105	0.72 109	-1.01 88	-137 96	10.4 30	3.8 106	0.15 27	0.08 108	9.2 111	1.2 93	97 25	SANDY-VALLEY CREAMER-ET	21210		
27	24414 97308043	ZRCD240414*	2024	5.89	102	102	0.40 105	-0.86 90	-157 96	6.5 18	-0.6 104	0.12 18	0.04 106	0.0 100	-1.9 19	97 104	SANDY-VALLEY CREAMER-ET	6259		
28	23231 95448817	ZRCD230231	2023	8.46	102	101	0.04 101	0.23 103	6 100	-0.1 30	2.5 100	0.00 29	0.02 103	-5.4 104	1.8 26	105 96	OCD MARVEL-ET	7116		
29	7203 93876639	ZRCD170203	2017	6.36	102	100	0.08 101	-0.58 93	190 105	-4.7 54	4.1 97	-0.12 40	-0.02 104	-13.5 111	5.7 89	104 17	B-HIDDENHILLS PLAN 1023			
30	23201 95448510	ZRCD230201	2023	11.18	102	104	0.32 104	-0.02 100	24 101	4.2 37	4.9 103	0.03 34	0.04 105	2.2 98	2.2 29	100 96	OCD MARVEL-ET	21203		
31	24327 97264105	ZRCD240327*	2024	5.43	102	103	0.61 107	-1.60 81	-98 97	5.4 29	2.2 103	0.09 26	0.05 102	3.6 97	1.6 23	98 19	SANDY-VALLEY CREAMER-ET	21239		
32	22135 93895340	ZRCD220135	2022	8.22	102	101	0.21 103	-0.89 89	94 102	1.0 38	-1.1 101	-0.03 12	-0.04 99	-3.4 103	0.3 5	100 99		3164		
33	22153 93888188	ZRCD220153	2022	6.54	101	103	0.23 103	0.03 100	183 105	-2.2 36	10.1 99	-0.09 13	0.04 110	-11.8 95	1.7 106	87 97	NO-FLA MERRIMAC-ET	8129		
34	24385 97284954	ZRCD240385*	2024	6.12	101	102	0.36 104	-0.59 93	-121 97	6.4 18	-0.1 104	0.11 18	0.04 106	-1.0 101	2.6 19	97 95	SANDY-VALLEY CREAMER-ET	6095		
35	23245 95468096	ZRCD230245	2023	4.79	101	102	0.36 104	-0.67 92	77 102	0.5 28	6.1 100	-0.02 21	0.03 106	14.2 89	-9.2 18	95 118	AMBZED POWELLS CORTEX S2F	7321		
36	23280 95468435	ZRCD230280	2023	10.79	101	103	0.27 103	-0.03 100	82 102	3.3 36	4.2 102	0.00 33	0.01 104	7.8 101	2.1 28	102 96	OCD MARVEL-ET	21211		
37	21266 93885903	ZRCD210266	2021	5.66	101	101	0.59 107	-1.96 76	-244 94	7.7 45	-3.4 105	0.16 33	0.05 97	2.7 108	-3.0 17	93 106	AMBZED POWELLS CORTEX S2F	4220		
38	19408 93884641	ZRCD190408	2019	7.07	101	97	0.02 100	-0.34 96	-617 84	8.6 47	-11.1 105	0.32 27	0.09 117	-2.3 102	-0.6 15	110 101	NO-FLA FIREBALL-ET			
39	23145 94835402	ZRCD230145	2023	6.12	101	102	0.08 101	0.57 107	1 100	4.1 26	0.7 103	0.04 24	0.01 101	3.6 97	1.6 22	102 97	OCD MARVEL-ET	6174		
40	21190 93894012	ZRCD210190	2021	4.76	100	102	0.47 106	-1.36 84	293 108	-7.4 47	14.1 96	-0.18 37	0.04 114	4.2 40	3.4 90	98 90	AMBZED POWELLS CORTEX S2F	7260		
41	23103 94802063	ZRCD230103	2023	5.55	100	98	-0.09 99	-0.34 96	-180 95	0.3 26	-5.1 100	0.07 24	0.01 104	1.0 101	-3.4 99	105 106	OCD MARVEL-ET	3164		
42	24165 97193908	ZRCD240165*	2024	11.10	100	101	0.25 103	-0.57 93	-218 94	5.3 28	-2.1 103	0.13 19	0.05 107	-6.0 105	3.0 20	94 94	SANDY-VALLEY CREAMER-ET	22250		
43	22256 93888972	ZRCD220256	2022	8.22	100	101	0.27 103	-0.91 89	-89 98	4.7 16	-3.6 103	0.07 13	0.00 104	-3.0 102	2.0 9	93 96	DE-SU ROCKFORD 12250-ET			
44	20149 93882405	ZRCD200149	2020	7.28	100	96	-0.22 97	-0.34 96	-257 93	-0.1 39	-9.0 100	0.09 26	-0.01 91	-10.7 108	-6.4 16	95 112	S-S-I MAURICE PARTYROCK-ET			
45	23226 95448767	ZRCD230226	2023	8.81	100	100	0.00 100	-0.29 97	132 103	-5.1 14	4.0 97	-0.10 11	0.00 100	-8.4 107	4.0 6	97 92		7199		
46	23285 95468484	ZRCD230285	2023	4.76	99	97	0.04 101	-1.30 84	-52 99	-8.9 22	4.0 95	-0.06 19	0.05 104	8.3 94	-8.3 18	103 116	AMBZED POWELLS CORTEX S2F	7138		

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47	22228 93892776	ZRCD220228	2022	8.22	99	101	0.27 103	-0.91 89	-89 98	4.7 16	-3.6 13	0.07 104	0.00 100	-3.0 102	0.7 99	89 10	DE-SU ROCKFORD 12250-ET			
48	23236 95467833	ZRCD230236	2023	8.81	99	101	0.15 102	-0.15 98	-151 96	2.4 12	0.6 7	0.08 104	0.05 107	4.9 96	-2.1 104	95 1	8227			
49	24213 97219596	ZRCD240213*	2024	8.33	99	101	0.15 102	-0.15 98	-151 96	2.4 12	0.6 7	0.08 104	0.05 107	4.9 96	-2.1 104	95 1	8227			
50	22200 93888543	ZRCD220200	2022	8.22	99	101	0.27 103	-0.91 89	-89 98	4.7 16	-3.6 13	0.07 104	0.00 100	-3.0 102	0.1 100	88 3	DE-SU ROCKFORD 12250-ET			
51	15492 93874170	ZRCD150492	2015	5.84	99	93	-0.30 96	-1.15 86	-354 91	-6.5 6	-8.6 6	0.07 104	0.03 104	-4.1 103	-7.4 114	108 6	TEEMAR MARCE ASTONISHING-ET			
52	21162 93891844	ZRCD210162	2021	6.60	99	103	0.49 106	-1.14 86	75 102	3.5 45	3.5 28	0.00 100	0.01 101	12.6 90	1.6 15	93 7	AMBZED POWELLS CORTEX S2F	19233		
53	24271 97242135	ZRCD240271*	2024	8.33	98	101	0.27 103	-0.66 92	-188 95	3.1 12	0.9 9	0.10 105	0.07 110	4.0 97	2.2 6	95 4	21317			
54	24041 96531397	ZRCD240041*	2024	8.33	98	100	0.17 102	-0.68 92	-77 98	-0.8 11	1.7 7	0.02 101	0.04 106	1.8 99	1.6 4	95 3	21191			
55	24403 97285035	ZRCD240403*	2024	5.66	98	97	0.12 102	-1.50 82	-310 92	0.5 18	-6.3 18	0.12 106	0.04 106	1.7 99	-1.2 19	100 102	SANDY-VALLEY CREAMER-ET	4428		
56	22394 93891307	ZRCD220394	2022	8.22	98	101	0.06 101	-0.12 99	128 103	-1.5 37	2.0 7	-0.07 96	-0.02 97	-7.5 106	5.3 90	89 3	NO-FLA MERRIMAC-ET			
57	23312 95468765	ZRCD230312	2023	5.83	98	96	0.02 100	-1.20 86	-212 94	-5.6 16	-0.5 14	0.03 102	0.06 109	15.2 88	-13.6 14	99 13	AMBZED POWELLS CORTEX S2F	6115		
58	21317 93886273	ZRCD210317	2021	7.68	98	101	0.44 105	-1.32 84	-289 92	4.1 48	0.8 37	0.15 108	0.10 114	7.0 95	6.1 25	98 88	BACON-HILL PETY MODESTY-ET			
59	7321 93875771	ZRCD170321	2017	6.36	98	103	0.12 102	0.25 103	178 105	1.8 51	2.6 38	-0.06 97	-0.03 96	2.7 98	4.2 17	90 9	PUTTERGILL MOGUL SHOTMO 13100			
60	24014 96531124	ZRCD240014*	2024	8.33	98	100	0.19 102	-0.58 93	-165 96	0.5 12	1.5 8	0.06 103	0.07 110	4.0 97	0.7 6	94 8	21288			
61	24259 97242069	ZRCD240259*	2024	8.33	98	98	-0.11 99	-0.29 97	-36 99	-6.3 14	2.2 11	-0.05 97	0.03 104	-5.0 104	2.0 6	98 96	7135			
62	24058 96530852	ZRCD240058*	2024	8.33	98	99	-0.05 100	-0.15 98	9 100	-6.3 8	5.1 7	-0.06 97	0.04 106	-1.8 101	-0.8 3	93 101	8129			
63	23271 95468344	ZRCD230271	2023	6.36	98	97	-0.02 100	-0.94 89	-176 95	-5.7 16	0.0 14	0.01 100	0.06 109	14.3 89	-11.1 14	99 121	AMBZED POWELLS CORTEX S2F	7209		
64	23225 95448759	ZRCD230225	2023	6.12	98	97	-0.02 100	-0.94 89	-176 95	-5.7 16	0.0 14	0.01 100	0.06 109	14.3 89	-11.1 14	99 121	AMBZED POWELLS CORTEX S2F	6303		
65	23340 95495875	ZRCD230340	2023	6.36	98	97	-0.02 100	-0.94 89	-176 95	-5.7 16	0.0 14	0.01 100	0.06 109	14.3 89	-11.1 14	99 121	AMBZED POWELLS CORTEX S2F	7076		
66	23348 95517967	ZRCD230348	2023	5.66	98	95	-0.26 97	-0.34 96	-302 92	-2.5 24	-7.4 24	0.09 105	0.03 104	2.9 98	-4.5 22	104 109	OCD MARVEL-ET	4454		
67	19407 93884724	ZRCD190407	2019	7.07	97	95	-0.26 97	-0.34 96	-438 89	2.2 49	-13.1 31	0.19 88	0.01 101	0.1 100	-1.6 17	106 103	NO-FLA FIREBALL-ET			
68	23157 95427464	ZRCD230157	2023	8.81	97	97	-0.17 98	-0.29 97	38 101	-7.7 14	1.6 11	-0.09 95	0.00 100	-4.6 104	2.0 6	98 96	7159			
69	7144 93894897	ZRCD170144	2017	5.66	97	93	-0.30 96	-1.17 86	-140 96	-12.1 25	-2.7 25	-0.07 96	0.02 103	-9.1 107	-1.4 21	104 103	B-HIDDENHILLS PLAN 1023	4220		

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70	21191 93891984	ZRCD210191	2021	7.68	97	99	0.21 103	-1.37 84	-66 98	-3.7 44	2.3 98	-0.01 102	0.04 106	2.6 98	4.8 15	98 91	AMBZED POWELLS CORTEX S2F		
71	21376 93886760	ZRCD210376	2021	5.66	97	103	0.70 108	-1.91 77	-31 99	2.0 48	7.1 101	0.03 107	0.08 111	24.8 81	0.0 24	94 100	BACON-HILL PETY MODESTY-ET	4476	
72	23173 95448239	ZRCD230173	2023	8.81	97	100	0.00 100	0.13 102	21 101	-2.8 13	4.3 98	-0.04 104	0.03 98	4.7 96	-0.5 4	92 101		7236	
73	17020 93875664	ZRCD170020	2017	6.36	97	97	-0.07 99	-0.46 95	-235 94	-0.5 22	-4.5 96	0.08 104	0.03 104	14.2 89	-3.5 19	105 107	LADYS-MANOR RD GRAFEETI		
74	22233 93888766	ZRCD220233	2022	8.22	97	97	-0.17 98	-0.26 97	-134 97	-3.3 10	-3.1 98	0.02 7	0.01 101	-7.8 106	4.6 5	97 91	NO-FLA MERRIMAC-ET		
75	23284 95468476	ZRCD230284	2023	8.81	97	98	-0.13 98	-0.29 97	-25 99	-7.7 14	3.5 95	-0.07 104	0.04 96	-0.9 101	2.0 6	98 96		7160	
76	23264 95468278	ZRCD230264	2023	8.81	97	96	-0.24 97	-0.29 97	-86 98	-7.5 6	-0.4 100	-0.05 97	0.02 103	-3.8 103	0.3 5	98 99		7299	
77	7135 93876423	ZRCD170135	2017	6.36	97	95	-0.34 96	-0.58 93	16 100	-14.8 54	3.3 91	-0.15 103	0.02 92	-11.0 109	5.7 24	104 89	B-HIDDENHILLS PLAN 1023		
78	24038 96531363	ZRCD240038*	2024	8.33	97	99	0.04 101	-0.15 98	-210 95	0.9 12	-0.5 101	0.08 100	0.06 104	7.9 94	-0.5 2	94 101		7337	
79	24304 97242408	ZRCD240304*	2024	8.33	97	96	-0.19 98	-0.59 93	-122 97	-7.4 6	-0.8 99	-0.03 98	0.03 104	-2.9 102	-0.4 5	98 101		7168	
80	21217 93892156	ZRCD210217	2021	7.68	97	103	0.57 107	-1.32 84	-90 98	5.5 48	2.7 103	0.08 104	0.05 107	15.2 88	7.1 24	93 86	BACON-HILL PETY MODESTY-ET		
81	21286 93886034	ZRCD210286	2021	7.68	97	99	0.17 102	-1.37 84	43 101	-6.4 45	3.6 96	-0.08 104	0.02 96	6.8 95	2.1 17	97 96	AMBZED POWELLS CORTEX S2F		
82	24363 97264360	ZRCD240363*	2024	8.33	97	96	-0.24 97	-0.29 97	-86 98	-7.5 6	-0.4 96	-0.05 100	0.02 97	-3.8 103	0.5 5	98 99		7176	
83	23282 95468450	ZRCD230282	2023	8.81	97	96	-0.37 96	0.19 102	-229 94	-2.8 23	-6.6 98	0.06 103	0.01 101	1.1 99	0.4 20	104 99	OCD MARVEL-ET		
84	21288 93886042	ZRCD210288	2021	6.54	96	99	0.23 103	-1.17 86	-243 94	-1.2 48	1.9 99	0.08 102	0.09 113	7.1 95	3.1 23	96 94	BACON-HILL PETY MODESTY-ET	8163	
85	19424 93884906	ZRCD190424	2019	7.07	96	97	-0.11 99	-0.41 95	-250 94	4.2 24	-11.4 103	0.13 89	-0.03 107	-3.5 103	9.6 21	103 81	APRILDAY EQUINOX 6540ET		
86	24142 96629894	ZRCD240142*	2024	8.33	96	96	-0.24 97	-0.29 97	-86 98	-7.5 6	-0.4 96	-0.05 100	0.02 97	-3.8 103	2.0 5	98 96		7099	
87	24059 96530860	ZRCD240059*	2024	8.33	96	96	-0.24 97	-0.29 97	-86 98	-7.5 6	-0.4 96	-0.05 100	0.02 97	-3.8 103	2.0 5	98 96		7205	
88	24343 97264220	ZRCD240343*	2024	8.33	96	96	-0.24 97	-0.29 97	-86 98	-7.5 6	-0.4 96	-0.05 97	0.02 103	-3.8 103	2.0 5	98 96		7124	
89	24060 96530878	ZRCD240060*	2024	8.33	96	96	-0.24 97	-0.29 97	-86 98	-7.5 6	-0.4 96	-0.05 97	0.02 103	-3.8 103	2.0 5	98 96		7141	
90	24102 96558291	ZRCD240102*	2024	8.33	96	96	-0.24 97	-0.29 97	-86 98	-7.5 6	-0.4 96	-0.05 97	0.02 103	-3.8 103	2.0 5	98 96		7142	
91	24137 96629845	ZRCD240137*	2024	8.33	96	96	-0.24 97	-0.29 97	-86 98	-7.5 6	-0.4 96	-0.05 97	0.02 103	-3.8 103	2.0 5	98 96		7245	
92	24080 96531074	ZRCD240080*	2024	8.33	96	96	-0.26 97	-0.29 97	-74 98	-7.8 7	-0.5 96	-0.05 97	0.02 103	-5.1 104	2.3 5	97 95		7136	

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93	24070 96530977	ZRCD240070*	2024	8.33	96	98	-0.09 99	-0.15 98	-167 96	-1.9 99	-1.2 99	0.04 102	0.04 106	4.4 97	-0.5 101	94 1		22039		
94	24027 96531256	ZRCD240027*	2024	8.33	96	97	-0.19 98	-0.29 97	-131 97	-6.2 13	-0.5 96	-0.02 99	0.04 106	-0.4 100	2.0 5	98 5		7350		
95	21208 93892081	ZRCD210208	2021	4.79	96	99	0.10 101	-0.94 89	5 100	-6.3 46	4.4 104	-0.07 96	0.04 106	15.6 88	-5.7 18	92 11	AMBZED POWELLS CORTEX S2F	7236		
96	7159 93876555	ZRCD170159	2017	6.36	96	94	-0.47 94	-0.58 93	164 104	-17.5 54	2.2 90	-0.23 88	-0.03 96	-10.2 108	5.7 23	104 89	B-HIDDENHILLS PLAN 1023			
97	23301 95468641	ZRCD230301	2023	8.81	96	99	-0.11 99	0.13 102	-110 97	-0.9 3	-1.3 99	0.03 102	0.02 103	2.5 98	1.3 2	91 2		7229		
98	24039 96531371	ZRCD240039*	2024	8.33	96	99	-0.11 99	0.13 102	-110 97	-0.9 3	-1.3 99	0.03 102	0.02 103	2.5 98	1.3 2	91 3		7391		
99	24280 97242200	ZRCD240280*	2024	8.33	96	99	-0.11 99	0.13 102	-110 97	-0.9 3	-1.3 99	0.03 102	0.02 103	2.5 98	1.3 2	91 2		7272		
100	23322 95495693	ZRCD230322	2023	4.76	95	94	-0.24 97	-1.30 84	-164 96	-12.6 28	-0.2 92	-0.06 97	0.05 107	6.4 95	-5.1 19	103 110	AMBZED POWELLS CORTEX S2F	7181		
101	24323 97264071	ZRCD240323*	2024	8.33	95	96	-0.26 97	-0.15 98	-204 95	-4.0 1	-4.2 96	0.04 102	0.02 103	1.8 99	-2.4 1	94 105		7207		
102	22087 93895316	ZRCD220087	2022	8.22	95	102	0.12 102	-0.15 98	253 107	-1.2 38	3.7 99	-0.11 104	-0.04 94	15.2 88	8.8 7	98 83		6174		
103	7236 93876761	ZRCD170236	2017	6.36	95	99	-0.11 99	0.25 103	130 103	-7.8 51	7.5 95	-0.12 94	0.03 104	8.3 94	0.7 17	92 99	PUTTERGILL MOGUL SHOTMO 13100			
104	7171 93893832	ZRCD170171	2017	5.55	95	91	-0.49 94	-1.17 86	-156 96	-16.9 23	-2.6 90	-0.11 94	0.02 103	-6.8 105	-2.3 20	104 19	B-HIDDENHILLS PLAN 1023	3093		
105	21316 93886265	ZRCD210316	2021	7.68	95	99	0.30 104	-1.32 84	-370 90	5.4 48	-5.6 103	0.19 110	0.07 110	8.4 94	5.5 25	94 89	BACON-HILL PETY MODESTY-ET			
106	23265 95468286	ZRCD230265	2023	10.79	95	95	-0.32 96	-0.03 100	-410 89	-2.4 36	-7.1 99	0.14 107	0.06 109	4.8 96	-1.5 27	101 103	OCD MARVEL-ET	21291		
107	21310 93886216	ZRCD210310	2021	5.66	95	93	-0.02 100	-1.96 76	-684 82	-2.7 45	-9.3 98	0.24 113	0.13 119	2.7 98	-8.6 16	93 116	AMBZED POWELLS CORTEX S2F	4137		
108	21318 93886281	ZRCD210318	2021	5.66	95	97	0.08 101	-1.91 77	147 104	-9.1 48	0.3 95	-0.14 92	-0.04 94	9.7 92	1.3 24	98 97	BACON-HILL PETY MODESTY-ET	4049		
109	24138 96629852	ZRCD240138*	2024	8.33	95	98	-0.17 98	-0.15 98	-90 98	-3.3 1	-2.3 98	0.00 100	0.01 101	5.1 96	1.8 1	95 96		6174		
110	24226 97219646	ZRCD240226*	2024	8.33	95	96	-0.26 97	-0.15 98	-204 95	-4.0 1	-4.2 96	0.04 102	0.02 103	1.8 99	-0.5 1	94 101		6238		
111	24045 96531439	ZRCD240045*	2024	8.33	95	96	-0.26 97	-0.15 98	-204 95	-4.0 1	-4.2 96	0.04 102	0.02 103	1.8 99	-0.5 1	94 101		6204		
112	24340 97264196	ZRCD240340*	2024	8.33	95	96	-0.26 97	-0.15 98	-204 95	-4.0 1	-4.2 96	0.04 102	0.02 103	1.8 99	-0.5 1	94 101		7302		
113	23158 95427472	ZRCD230158	2023	8.81	95	96	-0.26 97	-0.15 98	-204 95	-4.0 1	-4.2 96	0.04 102	0.02 103	1.8 99	-0.5 1	94 101		6302		
114	23317 95468815	ZRCD230317	2023	8.81	95	96	-0.26 97	-0.15 98	-204 95	-4.0 1	-4.2 96	0.04 102	0.02 103	1.8 99	-0.5 1	94 101		7302		
115	23215 95448650	ZRCD230215	2023	8.81	95	96	-0.26 97	-0.15 98	-204 95	-4.0 1	-4.2 96	0.04 102	0.02 103	1.8 99	-0.5 1	94 101		7084		

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Bottom 25% of the herd

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Top 10% of the breed

Bottom 10% of the breed

Cow Information					Indices				Breeding Values										Pedigree	
Rank	FarmNr CompNr	Name	Birth. Year	% In- breeding	LMI	LPI	EFI	BWI	Milk Index	RFat Index	Prot Index	RFat % Index	Prot % Index	Som Index	Calvnt Index	HLife R	Sire	Dam		
116	24393 97284970	ZRCD240393*	2024	8.33	95	96	-0.26 97	-0.15 98	-204 95	-4.0 98	-4.2 96	0.04 102	0.02 103	1.8 99	-0.5 101	94 1		7183		
117	23199 95448494	ZRCD230199	2023	5.66	95	91	-0.28 97	-1.85 78	-365 91	-11.6 93	-6.2 94	0.03 102	0.06 109	16.9 87	-16.0 14	102 13	AMBZED POWELLS CORTEX S2F	4513		
118	7160 93893907	ZRCD170160	2017	6.36	95	94	-0.37 96	-0.58 93	38 101	-17.4 90	5.9 44	-0.19 106	0.04 106	-2.8 102	5.7 89	104 17	B-HIDDENHILLS PLAN 1023			
119	7299 93876944	ZRCD170299	2017	6.36	94	92	-0.60 93	-0.58 93	-83 98	-17.2 90	-1.8 23	-0.14 92	0.01 101	-8.7 107	2.2 20	104 96	B-HIDDENHILLS PLAN 1023			
120	6268 93893345	ZRCD160268	2016	6.12	94	92	-0.60 93	-0.58 93	-83 98	-17.2 90	-1.8 23	-0.14 92	0.01 101	-8.7 107	2.5 20	104 95	B-HIDDENHILLS PLAN 1023			
121	7176 93876357	ZRCD170176	2017	6.36	94	92	-0.60 93	-0.58 93	-83 98	-17.2 90	-1.8 23	-0.14 92	0.01 101	-8.7 107	2.7 20	104 95	B-HIDDENHILLS PLAN 1023			
122	23305 95468682	ZRCD230305	2023	5.66	94	91	-0.28 97	-1.85 78	-365 91	-11.6 93	-6.2 94	0.03 102	0.06 109	16.9 87	-14.9 14	102 13	AMBZED POWELLS CORTEX S2F	4434		
123	23326 95495735	ZRCD230326	2023	5.55	94	91	-0.28 97	-1.85 78	-365 91	-11.6 93	-6.2 94	0.03 102	0.06 109	16.9 87	-14.9 14	102 13	AMBZED POWELLS CORTEX S2F	3026		
124	7121 93893766	ZRCD170121	2017	5.66	94	91	-0.49 94	-1.17 86	-156 96	-16.9 23	-2.6 90	-0.11 98	0.02 103	-6.8 105	0.9 20	104 98	B-HIDDENHILLS PLAN 1023	4094		
125	7108 93893691	ZRCD170108	2017	5.66	94	91	-0.49 94	-1.17 86	-156 96	-16.9 23	-2.6 90	-0.11 98	0.02 103	-6.8 105	0.8 20	104 98	B-HIDDENHILLS PLAN 1023	4034		
126	7168 93893824	ZRCD170168	2017	5.66	94	91	-0.49 94	-1.17 86	-156 96	-16.9 23	-2.6 90	-0.11 98	0.02 103	-6.8 105	0.8 20	104 98	B-HIDDENHILLS PLAN 1023	4211		
127	7095 93893683	ZRCD170095	2017	6.36	94	92	-0.60 93	-0.58 93	-83 98	-17.2 90	-1.8 23	-0.14 92	0.01 101	-8.7 107	2.4 20	104 95	B-HIDDENHILLS PLAN 1023			
128	24193 97219505	ZRCD240193*	2024	8.33	94	95	-0.22 97	-0.89 89	-253 93	-5.9 2	-5.4 97	0.04 102	0.03 104	7.3 94	-3.7 1	96 1		4476		
129	21319 93895944	ZRCD210319	2021	10.36	94	100	0.21 103	-0.89 89	-104 97	-2.1 50	3.4 99	0.02 103	0.06 109	10.0 92	4.6 27	88 19	BACON-HILL PETY MODESTY-ET	7318		
130	21362 93886646	ZRCD210362	2021	7.70	94	96	0.02 100	-1.31 84	-86 98	-8.5 51	2.2 95	-0.05 102	0.05 107	3.6 97	5.4 29	95 89	BACON-HILL PETY MODESTY-ET	7136		
131	24033 96531314	ZRCD240033*	2024	8.33	94	96	-0.28 97	-0.07 99	-159 96	-4.5 97	-3.7 6	0.01 100	0.02 103	5.6 96	-0.2 1	94 1		22108		
132	7260 93893980	ZRCD170260	2017	6.36	94	93	-0.54 94	-0.58 93	68 102	-18.8 29	2.1 89	-0.21 102	0.00 100	-7.1 106	6.9 21	105 87	B-HIDDENHILLS PLAN 1023			
133	23223 95448734	ZRCD230223	2023	5.66	94	92	-0.22 97	-1.85 78	-321 92	-12.3 19	-3.3 93	0.01 100	0.07 110	17.0 87	-13.7 14	99 13	AMBZED POWELLS CORTEX S2F	4107		
134	7122 93893774	ZRCD170122	2017	6.36	94	92	-0.60 93	-0.58 93	-83 98	-17.2 90	-1.8 23	-0.14 92	0.01 101	-8.7 107	4.3 20	104 92	B-HIDDENHILLS PLAN 1023			
135	21269 93885929	ZRCD210269	2021	7.68	94	96	-0.05 100	-1.37 84	-45 99	-9.9 45	1.8 94	-0.08 102	0.03 104	9.7 92	2.1 17	97 96	AMBZED POWELLS CORTEX S2F			
136	21313 93886232	ZRCD210313	2021	5.66	94	92	-0.15 98	-1.96 76	-410 89	-9.9 45	-4.8 94	0.06 103	0.09 113	7.0 95	-5.6 17	97 111	AMBZED POWELLS CORTEX S2F	4009		
137	8151 93896116	ZRCD180151	2018	6.54	94	90	-0.62 93	-0.58 93	-475 88	-10.9 55	-9.2 42	0.07 104	0.06 109	-15.5 112	6.1 23	104 88	B-HIDDENHILLS PLAN 1023			
138	23289 95468526	ZRCD230289	2023	8.81	93	92	-0.37 96	-1.33 84	-292 92	-11.9 16	-5.4 95	0.00 100	0.04 106	15.1 88	-10.0 9	102 119	AMBZED POWELLS CORTEX S2F			

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Cow Information					Indices				Breeding Values									Pedigree	
Rank	FarmNr CompNr	Name	Birth. Year	% In- breeding	LMI	LPI	EFI	BWI	Milk Index	BFat Index	Prot Index	BFat % Index	Prot % Index	Som Index	CalvInt Index	HLife R	Sire	Dam	
139	23213 95448635	ZRCD230213	2023	8.81	93	92	-0.37 96	-1.33 84	-292 92	-11.9 16	-5.4 95	0.00 100	0.04 106	15.1 88	-10.0 9	102 6	AMBZED POWELLS CORTEX S2F		
140	7271 93893881	ZRCD170271	2017	6.36	93	92	-0.60 93	-0.58 93	-83 98	-17.2 23	-1.8 98	-0.14 92	0.01 101	-8.7 107	5.4 20	104 17	B-HIDDENHILLS PLAN 1023		
141	7195 93876571	ZRCD170195	2017	6.36	93	92	-0.60 93	-0.58 93	-83 98	-17.2 23	-1.8 98	-0.14 92	0.01 101	-8.7 107	5.6 20	104 17	B-HIDDENHILLS PLAN 1023		
142	7196 93876589	ZRCD170196	2017	6.36	93	92	-0.60 93	-0.58 93	-83 98	-17.2 23	-1.8 98	-0.14 92	0.01 101	-8.7 107	5.7 20	104 17	B-HIDDENHILLS PLAN 1023		
143	7099 93876258	ZRCD170099	2017	6.36	93	92	-0.60 93	-0.58 93	-83 98	-17.2 23	-1.8 98	-0.14 92	0.01 101	-8.7 107	5.7 20	104 17	B-HIDDENHILLS PLAN 1023		
144	7141 93876472	ZRCD170141	2017	6.36	93	92	-0.60 93	-0.58 93	-83 98	-17.2 23	-1.8 98	-0.14 92	0.01 101	-8.7 107	5.7 20	104 17	B-HIDDENHILLS PLAN 1023		
145	7262 93876860	ZRCD170262	2017	6.36	93	92	-0.60 93	-0.58 93	-83 98	-17.2 23	-1.8 98	-0.14 92	0.01 101	-8.7 107	5.7 20	104 17	B-HIDDENHILLS PLAN 1023		
146	7208 93876647	ZRCD170208	2017	6.36	93	92	-0.60 93	-0.58 93	-83 98	-17.2 23	-1.8 98	-0.14 92	0.01 101	-8.7 107	5.7 20	104 17	B-HIDDENHILLS PLAN 1023		
147	21210 93892107	ZRCD210210	2021	6.54	93	97	0.12 102	-1.17 86	-349 91	-1.6 48	-1.4 99	0.12 106	0.10 114	22.7 82	-2.0 25	96 22	BACON-HILL PETY MODESTY-ET	8227	
148	7137 93876449	ZRCD170137	2017	6.36	93	92	-0.60 93	-0.58 93	-83 98	-17.2 23	-1.8 98	-0.14 92	0.01 101	-8.7 107	5.7 20	104 17	B-HIDDENHILLS PLAN 1023		
149	7105 93876274	ZRCD170105	2017	6.36	93	92	-0.60 93	-0.58 93	-83 98	-17.2 23	-1.8 98	-0.14 92	0.01 101	-8.7 107	5.7 20	104 17	B-HIDDENHILLS PLAN 1023		
150	7197 93876597	ZRCD170197	2017	6.36	93	92	-0.60 93	-0.58 93	-83 98	-17.2 23	-1.8 98	-0.14 92	0.01 101	-8.7 107	5.7 20	104 17	B-HIDDENHILLS PLAN 1023		
151	7245 93876787	ZRCD170245	2017	6.36	93	92	-0.60 93	-0.58 93	-83 98	-17.2 23	-1.8 98	-0.14 92	0.01 101	-8.7 107	5.7 20	104 17	B-HIDDENHILLS PLAN 1023		
152	7252 93876837	ZRCD170252	2017	6.36	93	92	-0.60 93	-0.58 93	-83 98	-17.2 23	-1.8 98	-0.14 92	0.01 101	-8.7 107	5.7 20	104 17	B-HIDDENHILLS PLAN 1023		
153	7256 93876845	ZRCD170256	2017	6.36	93	92	-0.60 93	-0.58 93	-83 98	-17.2 23	-1.8 98	-0.14 92	0.01 101	-8.7 107	5.8 20	104 17	B-HIDDENHILLS PLAN 1023		
154	7258 93876852	ZRCD170258	2017	6.36	93	92	-0.60 93	-0.58 93	-83 98	-17.2 23	-1.8 98	-0.14 92	0.01 101	-8.7 107	5.7 20	104 17	B-HIDDENHILLS PLAN 1023		
155	7306 93875953	ZRCD170306	2017	6.36	93	92	-0.60 93	-0.58 93	-83 98	-17.2 23	-1.8 98	-0.14 92	0.01 101	-8.7 107	5.7 20	104 17	B-HIDDENHILLS PLAN 1023		
156	7166 93876324	ZRCD170166	2017	6.36	93	92	-0.60 93	-0.58 93	-83 98	-17.2 23	-1.8 98	-0.14 92	0.01 101	-8.7 107	5.7 20	104 17	B-HIDDENHILLS PLAN 1023		
157	7112 93876282	ZRCD170112	2017	6.36	93	92	-0.60 93	-0.58 93	-83 98	-17.2 23	-1.8 98	-0.14 92	0.01 101	-8.7 107	5.7 20	104 17	B-HIDDENHILLS PLAN 1023		
158	7138 93876456	ZRCD170138	2017	6.36	93	92	-0.60 93	-0.58 93	-83 98	-17.2 23	-1.8 98	-0.14 92	0.01 101	-8.7 107	5.7 20	104 17	B-HIDDENHILLS PLAN 1023		
159	7205 93893931	ZRCD170205	2017	6.36	93	92	-0.60 93	-0.58 93	-83 98	-17.2 23	-1.8 98	-0.14 92	0.01 101	-8.7 107	5.7 20	104 17	B-HIDDENHILLS PLAN 1023		
160	7213 93876688	ZRCD170213	2017	6.36	93	92	-0.60 93	-0.58 93	-83 98	-17.2 23	-1.8 98	-0.14 92	0.01 101	-8.7 107	5.7 20	104 17	B-HIDDENHILLS PLAN 1023		
161	7234 93876753	ZRCD170234	2017	6.36	93	92	-0.60 93	-0.58 93	-83 98	-17.2 23	-1.8 98	-0.14 92	0.01 101	-8.7 107	5.7 20	104 17	B-HIDDENHILLS PLAN 1023		

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Rank	FarmNr CompNr	Name	Birth. Year	% In- breeding	LMI	LPI	EFI	BWI	Milk Index	RFat Index	Prot Index	RFat % Index	Prot % Index	Som Index	CalvInt Index	HLife R	Sire	Dam
162	7101 93876266	ZRCD170101	2017	6.36	93	92	-0.60 93	-0.58 93	-83 98	-17.2 90	-1.8 98	-0.14 92	0.01 101	-8.7 107	5.7 89	104 16	B-HIDDENHILLS PLAN 1023	
163	7116 93876290	ZRCD170116	2017	6.36	93	92	-0.60 93	-0.58 93	-83 98	-17.2 90	-1.8 98	-0.14 92	0.01 101	-8.7 107	5.7 89	104 15	B-HIDDENHILLS PLAN 1023	
164	7201 93876613	ZRCD170201	2017	6.36	93	92	-0.60 93	-0.58 93	-83 98	-17.2 90	-1.8 98	-0.14 92	0.01 101	-8.7 107	5.7 89	104 15	B-HIDDENHILLS PLAN 1023	
165	7142 93876480	ZRCD170142	2017	6.36	93	92	-0.60 93	-0.58 93	-83 98	-17.2 90	-1.8 98	-0.14 92	0.01 101	-8.7 107	5.7 89	104 16	B-HIDDENHILLS PLAN 1023	
166	7136 93876431	ZRCD170136	2017	6.36	93	91	-0.62 93	-0.58 93	-59 98	-17.8 89	-2.0 98	-0.16 91	0.00 100	-11.1 109	6.2 88	103 17	B-HIDDENHILLS PLAN 1023	
167	7124 93893782	ZRCD170124	2017	6.36	93	92	-0.60 93	-0.58 93	-83 98	-17.2 90	-1.8 98	-0.14 92	0.01 101	-8.7 107	5.7 89	104 15	B-HIDDENHILLS PLAN 1023	
168	7165 93876316	ZRCD170165	2017	6.36	93	92	-0.60 93	-0.58 93	-83 98	-17.2 90	-1.8 98	-0.14 92	0.01 101	-8.7 107	5.7 89	104 15	B-HIDDENHILLS PLAN 1023	
169	22240 93888832	ZRCD220240	2022	8.22	93	93	-0.49 94	-0.15 98	-202 95	-9.4 94	-5.2 95	-0.02 99	0.01 101	1.9 99	-2.9 106	95 1		19134
170	7113 93893717	ZRCD170113	2017	6.36	93	92	-0.60 93	-0.58 93	-83 98	-17.2 90	-1.8 98	-0.14 92	0.01 101	-8.7 107	5.7 89	104 16	B-HIDDENHILLS PLAN 1023	
171	7146 93893865	ZRCD170146	2017	6.36	93	92	-0.60 93	-0.58 93	-83 98	-17.2 90	-1.8 98	-0.14 92	0.01 101	-8.7 107	5.7 89	104 17	B-HIDDENHILLS PLAN 1023	
172	7139 93893741	ZRCD170139	2017	6.36	93	92	-0.60 93	-0.58 93	-83 98	-17.2 90	-1.8 98	-0.14 92	0.01 101	-8.7 107	5.7 89	104 19	B-HIDDENHILLS PLAN 1023	
173	21203 93892040	ZRCD210203	2021	7.70	93	97	0.02 100	-1.31 84	-46 99	-8.7 95	2.9 41	-0.07 103	0.04 96	6.4 106	6.5 87	95 20	BACON-HILL PETY MODESTY-ET	7162
174	7109 93893634	ZRCD170109	2017	6.36	93	92	-0.60 93	-0.58 93	-83 98	-17.2 90	-1.8 98	-0.14 92	0.01 101	-8.7 107	5.7 89	104 15	B-HIDDENHILLS PLAN 1023	
175	24114 96588769	ZRCD240114*	2024	8.33	93	95	-0.34 96	-0.15 98	-289 92	-3.3 98	-7.7 93	0.08 104	0.02 103	4.3 97	0.0 100	95 1		6207
176	23197 95448478	ZRCD230197	2023	8.81	93	95	-0.28 97	-0.66 92	-243 94	-6.9 96	-4.3 96	0.02 101	0.04 106	5.0 96	-0.2 6	95 4		21175
177	21289 93895910	ZRCD210289	2021	6.36	93	101	0.27 103	-1.17 86	98 103	-2.9 48	4.3 37	-0.06 104	0.01 97	19.7 85	6.9 25	92 15	BACON-HILL PETY MODESTY-ET	7304
178	7153 93893873	ZRCD170153	2017	6.36	93	90	-0.68 92	-0.58 93	-191 95	-15.2 54	-7.1 91	-0.08 93	-0.01 96	-12.0 109	5.7 24	104 17	B-HIDDENHILLS PLAN 1023	
179	21303 93886166	ZRCD210303	2021	10.36	93	97	0.06 101	-0.89 89	-515 87	1.1 50	-3.9 101	0.21 96	0.13 111	13.7 89	0.5 27	92 19	BACON-HILL PETY MODESTY-ET	7329
180	18427 93884187	ZRCD180427	2018	6.54	93	88	-0.96 89	-0.23 97	-362 91	-13.5 52	-15.2 92	0.01 85	-0.03 100	-19.4 115	0.2 18	100 14	B-S-D MOGUL RAWLINS-ET	
181	6259 93893329	ZRCD160259	2016	6.12	93	91	-0.54 94	-0.89 89	-393 90	-9.9 1	-10.4 94	0.05 103	0.03 104	4.4 97	-8.5 1	97 116		4513
182	7350 93893477	ZRCD170350	2017	6.36	93	92	-0.51 94	-0.58 93	-175 95	-14.5 54	-2.0 91	-0.08 98	0.04 106	-1.8 101	5.7 21	104 18	B-HIDDENHILLS PLAN 1023	
183	7216 93876696	ZRCD170216	2017	6.36	92	90	-0.71 92	-0.58 93	-288 93	-17.2 54	-4.7 90	-0.07 96	0.05 107	-12.7 110	5.9 23	104 18	B-HIDDENHILLS PLAN 1023	
184	23153 95427431	ZRCD230153	2023	8.81	92	94	-0.30 96	-0.58 93	-298 92	-7.6 12	-3.4 97	0.04 102	0.06 109	6.3 95	-1.1 6	94 4		21357

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 CompNr	Name	Birth. Year	% In- breeding	LMI	LPI	EFI	BWI	Milk Index	RFat Index	Prot Index	RFat % Index	Prot % Index	Som Index	CalvInt Index	HLife R	Sire	Dam		
185	7240 93893964	ZRCD170240	2017	6.36	92	91	-0.54 94	-0.89 89	-393 90	-9.9 1	-10.4 90	0.05 103	0.03 104	4.4 97	-7.6 115	97 1		3008		
186	7229 93876720	ZRCD170229	2017	6.36	92	97	-0.30 96	0.25 103	-133 97	-3.9 13	-3.6 97	0.01 100	0.01 101	4.0 97	4.2 10	90 92	PUTTERGILL MOGUL SHOTMO 13100			
187	7391 93875979	ZRCD170391	2017	6.36	92	97	-0.30 96	0.25 103	-133 97	-3.9 13	-3.6 98	0.01 100	0.01 101	4.0 97	4.2 10	90 92	PUTTERGILL MOGUL SHOTMO 13100			
188	7251 93876829	ZRCD170251	2017	6.36	92	97	-0.30 96	0.25 103	-133 97	-3.9 13	-3.6 98	0.01 100	0.01 101	4.0 97	4.2 10	90 92	PUTTERGILL MOGUL SHOTMO 13100			
189	7272 93893899	ZRCD170272	2017	6.36	92	97	-0.30 96	0.25 103	-133 97	-3.9 13	-3.6 98	0.01 100	0.01 101	4.0 97	4.2 10	90 92	PUTTERGILL MOGUL SHOTMO 13100			
190	7305 93893618	ZRCD170305	2017	6.36	92	97	-0.32 96	0.25 103	-133 97	-3.9 13	-3.6 98	0.01 100	0.01 101	4.0 97	4.2 10	90 92	PUTTERGILL MOGUL SHOTMO 13100			
191	7126 93893808	ZRCD170126	2017	6.36	92	97	-0.32 96	0.25 103	-133 97	-3.9 13	-3.6 98	0.01 100	0.01 101	4.0 97	4.2 10	90 92	PUTTERGILL MOGUL SHOTMO 13100			
192	7319 93893436	ZRCD170319	2017	6.36	92	97	-0.32 96	0.25 103	-133 97	-3.9 13	-3.6 98	0.01 100	0.01 101	4.0 97	4.2 10	90 92	PUTTERGILL MOGUL SHOTMO 13100			
193	7313 93893410	ZRCD170313	2017	6.36	92	97	-0.32 96	0.25 103	-133 97	-3.9 13	-3.6 98	0.01 100	0.01 101	4.0 97	4.2 10	90 92	PUTTERGILL MOGUL SHOTMO 13100			
194	7150 93876514	ZRCD170150	2017	6.36	92	97	-0.32 96	0.25 103	-133 97	-3.9 13	-3.6 98	0.01 100	0.01 101	4.0 97	4.2 10	90 92	PUTTERGILL MOGUL SHOTMO 13100			
195	7230 93876738	ZRCD170230	2017	6.36	92	97	-0.32 96	0.25 103	-133 97	-3.9 13	-3.6 98	0.01 100	0.01 101	4.0 97	4.2 10	90 92	PUTTERGILL MOGUL SHOTMO 13100			
196	7134 93893733	ZRCD170134	2017	6.36	92	91	-0.60 93	-0.58 93	-308 92	-15.0 54	-4.3 91	-0.04 96	0.06 109	-5.7 104	5.7 23	104 89	B-HIDDENHILLS PLAN 1023			
197	18428 93884195	ZRCD180428	2018	6.54	92	88	-0.88 90	-0.23 97	-453 88	-10.9 22	-15.4 94	0.07 85	0.00 100	-12.6 110	0.2 18	100 14	B-S-D MOGUL RAWLINS-ET			
198	18430 93884211	ZRCD180430	2018	6.54	92	88	-0.88 90	-0.23 97	-453 88	-10.9 22	-15.4 94	0.07 85	0.00 100	-12.6 110	0.2 18	100 14	B-S-D MOGUL RAWLINS-ET			
199	7329 93875797	ZRCD170329	2017	6.36	92	95	-0.39 95	0.25 103	-334 91	-2.9 21	-6.7 94	0.10 105	0.04 106	3.6 97	2.4 12	91 95	PUTTERGILL MOGUL SHOTMO 13100			
200	7239 93893956	ZRCD170239	2017	6.36	92	90	-0.73 91	-0.58 93	-220 94	-16.6 54	-6.4 90	-0.08 96	0.01 101	-8.4 107	5.7 24	104 89	B-HIDDENHILLS PLAN 1023			
201	6111 93875052	ZRCD160111	2016	6.12	92	84	-0.79 91	-1.68 80	-819 79	-13.8 19	-18.2 92	0.19 83	0.09 113	-0.3 100	-6.3 14	113 112	JALODA RANSOM TERRIFIC-ET			
202	21297 93886117	ZRCD210297	2021	9.57	92	93	-0.22 97	-1.19 86	-578 85	-3.6 50	-9.5 98	0.19 110	0.10 114	10.9 92	0.9 25	100 98	BACON-HILL PETY MODESTY-ET	19421		
203	7308 93893402	ZRCD170308	2017	5.55	92	88	-0.75 91	-1.17 86	-195 95	-20.5 54	-6.4 88	-0.13 93	0.00 100	-7.3 106	1.3 24	104 97	B-HIDDENHILLS PLAN 1023	3052		
204	24380 97284921	ZRCD240380*	2024	8.33	92	90	-0.56 93	-0.89 89	-524 86	-8.6 2	-12.5 95	0.12 88	0.05 106	2.1 98	-5.5 1	96 111		4137		
205	7123 93876308	ZRCD170123	2017	6.36	92	92	-0.60 93	-0.58 93	-83 98	-17.2 23	-1.8 98	-0.14 92	0.01 101	-8.7 107	11.5 20	104 78	B-HIDDENHILLS PLAN 1023			
206	7130 93893816	ZRCD170130	2017	6.36	91	91	-0.54 94	-0.89 89	-393 90	-9.9 1	-10.4 90	0.05 103	0.03 104	4.4 97	-4.3 1	97 108		3087		
207	22401 93891372	ZRCD220401	2022	8.22	91	92	-0.37 96	-0.91 89	-518 87	-2.5 41	-14.0 99	0.18 87	0.03 104	-3.0 102	-0.2 9	88 100	DE-SU ROCKFORD 12250-ET			

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 CompNr	Name	Birth. Year	% In- breeding	LMI	LPI	EFI	BWI	Milk Index	BFat Index	Prot Index	BFat % Index	Prot % Index	Som Index	CalvInt Index	HLife R	Sire	Dam
208	24318 97242531	ZRCD240318*	2024	8.33	91	91	-0.54 94	-0.89 89	-393 90	-9.9 1	-10.4 1	0.05 103	0.03 104	4.4 97	-4.3 108	97 1		4434
209	7119 93893758	ZRCD170119	2017	6.36	91	91	-0.54 94	-0.89 89	-393 90	-9.9 1	-10.4 1	0.05 103	0.03 104	4.4 97	-4.3 108	97 4		4233
210	6115 93893170	ZRCD160115	2016	6.12	91	91	-0.54 94	-0.89 89	-393 90	-9.9 1	-10.4 1	0.05 103	0.03 104	4.4 97	-4.3 108	97 4		3020
211	8060 93880078	ZRCD180060	2018	6.54	91	91	-0.54 94	-0.89 89	-393 90	-9.9 1	-10.4 1	0.05 103	0.03 104	4.4 97	-4.3 108	97 1		4231
212	24299 97242358	ZRCD240299*	2024	8.33	91	91	-0.54 94	-0.89 89	-393 90	-9.9 1	-10.4 1	0.05 103	0.03 104	4.4 97	-4.3 108	97 1		4028
213	6279 93893352	ZRCD160279	2016	6.12	91	91	-0.54 94	-0.89 89	-393 90	-9.9 1	-10.4 1	0.05 103	0.03 104	4.4 97	-4.3 108	97 4		4042
214	23276 95468393	ZRCD230276	2023	8.81	91	91	-0.54 94	-0.89 89	-393 90	-9.9 1	-10.4 1	0.05 103	0.03 104	4.4 97	-4.3 108	97 1		4307
215	24240 97219711	ZRCD240240*	2024	8.33	91	91	-0.54 94	-0.89 89	-393 90	-9.9 1	-10.4 1	0.05 103	0.03 104	4.4 97	-4.3 108	97 1		4454
216	24123 96588850	ZRCD240123*	2024	8.33	91	91	-0.54 94	-0.89 89	-393 90	-9.9 1	-10.4 1	0.05 103	0.03 104	4.4 97	-4.3 108	97 1		4281
217	7212 93876670	ZRCD170212	2017	6.36	91	90	-0.73 91	-0.58 93	-98 97	-20.3 54	-2.4 41	-0.16 91	0.01 101	-6.7 105	5.7 23	104 89	B-HIDDENHILLS PLAN 1023	
218	21211 93892115	ZRCD210211	2021	7.68	91	96	-0.07 99	-1.32 84	70 102	-10.4 48	1.6 37	-0.13 93	-0.01 98	17.7 86	6.4 25	98 88	BACON-HILL PETY MODESTY-ET	
219	21239 93892305	ZRCD210239	2021	7.68	91	92	-0.32 96	-1.37 84	-271 93	-11.8 45	-4.7 33	-0.01 99	0.04 106	11.6 91	-1.5 17	98 103	AMBZED POWELLS CORTEX S2F	
220	7125 93893790	ZRCD170125	2017	5.66	91	87	-0.81 90	-1.17 86	-240 94	-22.0 29	-6.3 26	-0.13 93	0.02 103	-5.8 105	-0.9 21	103 102	B-HIDDENHILLS PLAN 1023	4136
221	21275 93885960	ZRCD210275	2021	7.68	91	96	0.08 101	-1.32 84	-333 91	-5.1 48	1.0 37	0.08 104	0.12 117	22.1 83	5.5 25	98 89	BACON-HILL PETY MODESTY-ET	
222	22191 93888469	ZRCD220191	2022	8.22	91	92	-0.62 93	-0.12 99	-327 92	-9.2 37	-8.9 7	0.03 102	0.02 103	-7.5 106	2.5 5	89 95	NO-FLA MERRIMAC-ET	
223	21255 93892412	ZRCD210255	2021	5.66	91	94	-0.02 100	-1.91 77	-360 91	-8.3 48	-2.6 27	0.06 103	0.09 113	24.1 81	-0.8 21	99 101	BACON-HILL PETY MODESTY-ET	4432
224	24182 97193957	ZRCD240182*	2024	8.33	90	91	-0.51 94	-0.58 93	-458 88	-9.0 12	-8.5 9	0.09 105	0.07 110	6.7 95	-2.7 6	94 105		21321
225	23311 95468757	ZRCD230311	2023	8.81	90	91	-0.51 94	-0.58 93	-458 88	-9.0 12	-8.5 9	0.09 105	0.07 110	6.7 95	-2.7 6	94 105		21321
226	7241 93894905	ZRCD170241	2017	6.36	90	88	-0.83 90	-0.58 93	-385 90	-16.4 55	-9.7 44	-0.02 99	0.03 104	-8.3 107	5.7 24	104 89	B-HIDDENHILLS PLAN 1023	
227	23202 95448528	ZRCD230202	2023	8.81	90	91	-0.43 95	-0.96 89	-554 86	-8.2 12	-8.6 7	0.14 107	0.10 114	10.2 92	-3.2 5	94 106		21340
228	7156 93876548	ZRCD170156	2017	6.36	90	88	-0.88 90	-0.58 93	-185 95	-22.9 54	-3.4 44	-0.16 91	0.03 104	-6.4 105	5.7 24	104 89	B-HIDDENHILLS PLAN 1023	
229	23171 95448213	ZRCD230171	2023	8.81	89	87	-0.81 90	-0.89 89	-545 86	-13.8 2	-14.3 1	0.08 104	0.04 106	4.8 96	-6.6 1	99 113		13157
230	21405 93886984	ZRCD210405	2021	7.68	89	91	-0.28 97	-1.32 84	-553 86	-9.2 48	-5.4 37	0.12 106	0.13 119	14.0 89	2.3 25	98 95	BACON-HILL PETY MODESTY-ET	

Selection List: Logix Merit Index (LMI)

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Top 25% of the herd

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Above breed average

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Bottom 10% of the breed

Cow Information					Indices				Breeding Values									Pedigree	
Rank	FarmNr CompNr	Name	Birth. Year	% In- breeding	LMI	LPI	EFI	BWI	Milk Index	RFat Index	RProt Index	BFat % Index	RProt % Index	Som Index	CalvInt Index	HLife R	Sire	Dam	
231	22108 93887842	ZRCD220108	2022	8.22	89	92	-0.66 92	-0.15 98	-230 94	-11.2 38	-8.4 93	-0.02 99	-0.01 98	10.3 92	1.3 97	97 5		6061	
232	7188 93876407	ZRCD170188	2017	6.36	89	87	-0.90 89	-0.58 93	-336 91	-21.4 55	-5.9 94	-0.09 95	0.05 107	-6.3 105	5.7 89	104 17	B-HIDDENHILLS PLAN 1023		
233	22061 93887537	ZRCD220061	2022	8.22	89	87	-0.77 91	-0.89 89	-816 79	-7.8 37	-19.3 95	0.25 113	0.08 111	8.0 94	-6.4 112	101 5		4112	
234	21222 93894178	ZRCD210222	2021	7.35	88	90	-0.45 95	-1.61 81	-316 92	-16.3 51	-4.5 90	-0.04 96	0.06 109	10.8 92	-0.9 29	95 20	BACON-HILL PETY MODESTY-ET	7125	
235	19233 93885614	ZRCD190233	2019	7.07	88	92	-0.60 93	-0.15 98	-543 86	-1.0 47	-18.2 99	0.20 83	0.00 111	11.8 91	1.4 14	96 4		6207	
236	22250 93888923	ZRCD220250	2022	8.22	88	88	-0.90 89	-0.12 99	-511 87	-12.3 38	-13.4 93	0.07 104	0.04 106	-7.5 106	1.4 5	89 3	NO-FLA MERRIMAC-ET		
237	21290 93886059	ZRCD210290	2021	7.68	87	91	-0.47 94	-1.32 84	-195 95	-14.7 48	-5.3 91	-0.07 96	0.01 101	10.0 92	5.4 25	94 15	BACON-HILL PETY MODESTY-ET		
238	21175 93891901	ZRCD210175	2021	7.68	87	88	-0.66 92	-1.32 84	-399 90	-16.0 48	-9.6 90	0.00 100	0.04 106	9.0 93	1.3 25	99 17	BACON-HILL PETY MODESTY-ET		
239	21170 93891869	ZRCD210170	2021	7.68	86	86	-0.81 90	-1.32 84	-426 89	-18.1 48	-11.9 89	-0.01 99	0.02 103	4.3 97	2.2 21	100 15	BACON-HILL PETY MODESTY-ET		
240	7181 93876373	ZRCD170181	2017	6.36	86	85	-1.15 86	-0.58 93	-306 92	-24.6 54	-10.2 85	-0.13 90	0.00 93	-12.4 110	11.9 22	104 18	B-HIDDENHILLS PLAN 1023		
241	21357 93886596	ZRCD210357	2021	6.36	86	87	-0.71 92	-1.17 86	-508 87	-17.4 48	-7.8 90	0.03 102	0.09 113	11.7 91	-0.7 25	96 17	BACON-HILL PETY MODESTY-ET	7307	
242	21354 93886570	ZRCD210354	2021	5.66	85	83	-0.83 90	-1.91 77	-732 81	-19.3 48	-14.3 88	0.10 86	0.10 105	14.9 88	-6.0 22	99 15	BACON-HILL PETY MODESTY-ET	4155	
243	7211 93876662	ZRCD170211	2017	6.36	84	83	-1.37 84	-0.58 93	-172 96	-29.4 55	-11.6 82	-0.22 88	-0.06 91	-3.5 103	5.7 24	104 17	B-HIDDENHILLS PLAN 1023		
244	21174 93891893	ZRCD210174	2021	7.68	83	83	-1.07 87	-1.32 84	-574 85	-22.1 48	-14.6 87	0.00 100	0.04 106	11.3 91	-1.3 22	100 15	BACON-HILL PETY MODESTY-ET		
245	21253 93895860	ZRCD210253	2021	5.55	82	81	-1.07 87	-1.91 77	-877 77	-21.1 48	-18.9 87	0.14 107	0.11 116	17.3 87	-8.5 22	101 15	BACON-HILL PETY MODESTY-ET	13157	
246	7320 93893444	ZRCD170320	2017	6.36	82	84	-1.30 84	0.25 103	-569 85	-20.2 51	-14.5 88	0.02 101	0.04 106	-2.2 102	4.2 16	90 9	PUTTERGILL MOGUL SHOTMO 13100		
247	21321 93886307	ZRCD210321	2021	7.07	81	82	-1.15 86	-1.17 86	-828 79	-20.1 49	-18.0 88	0.13 107	0.10 114	12.4 90	-3.7 24	97 17	BACON-HILL PETY MODESTY-ET	19134	
248	7218 93876704	ZRCD170218	2017	6.36	79	76	-1.88 78	-0.58 93	-427 89	-39.1 54	-15.0 77	-0.22 88	-0.01 98	-8.3 107	4.9 24	104 17	B-HIDDENHILLS PLAN 1023		
249	21375 93896017	ZRCD210375	2021	5.55	79	81	-1.17 86	-1.91 77	-500 87	-26.3 48	-17.2 84	-0.06 97	0.00 100	22.5 83	-3.9 25	95 15	BACON-HILL PETY MODESTY-ET	3085	
250	21225 93892198	ZRCD210225	2021	7.68	78	83	-0.98 88	-1.32 84	-799 79	-16.8 48	-18.4 90	0.15 82	0.08 111	22.8 82	-2.1 23	88 15	BACON-HILL PETY MODESTY-ET		
251	7200 93893923	ZRCD170200	2017	6.36	74	71	-2.35 72	-0.58 93	-516 87	-44.6 55	-23.7 73	-0.24 87	-0.06 91	-10.2 108	5.7 23	104 17	B-HIDDENHILLS PLAN 1023		

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		
22254	562	22254	16.9	19408	0.32	21233	19.1	21303	0.13	18427	-19.4	21310	-8.6	6111	113	22254	110	22254	115	21313	76	22254	116		
21233	507	21196	14.0	22061	0.25	21196	15.3	21405	0.13	8151	-15.5	21253	-8.5	19408	110	7140	110	21196	112	21266	76	21196	115		
22168	323	21264	12.5	21310	0.24	22254	14.2	21310	0.13	7194	-14.2	6259	-8.5	22212	109	7194	109	21264	111	21310	76	21264	114		
21190	293	7140	10.3	21303	0.21	21190	14.1	21275	0.12	7203	-13.5	7240	-7.6	15492	108	21233	108	21233	110	21318	77	21233	113		
22087	253	22337	10.2	19233	0.20	21264	12.7	21253	0.11	7216	-12.7	15492	-7.4	19407	106	22168	107	22168	109	21255	77	7140	110		
21264	252	22168	9.5	19407	0.19	22168	11.2	21321	0.10	18428	-12.6	22061	-6.4	17020	105	21264	107	7140	108	21376	77	22168	110		
22337	235	19408	8.6	21297	0.19	22153	10.1	21297	0.10	18430	-12.6	20149	-6.4	7260	105	22212	106	7194	108	21375	77	7194	109		
7194	229	7194	8.3	6111	0.19	7140	9.2	21317	0.10	7181	-12.4	6111	-6.3	7216	104	22337	104	22337	107	21354	77	22337	109		
7203	190	21266	7.7	21316	0.19	7194	9.1	21354	0.10	7153	-12.0	21354	-6.0	7109	104	21196	104	21162	103	21253	77	21376	108		
21196	185	21217	5.5	22401	0.18	7236	7.5	21210	0.10	22153	-11.8	21208	-5.7	7095	104	7203	102	22153	103	6111	80	21266	107		

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				
21253	-877	7200	-44.6	7200	-0.24	7200	-23.7	7200	0	21376	24.8	7181	11.9	22153	87	7200	74	7200	71	7321	103	7200	72				
21321	-828	7218	-39.1	7159	-0.23	22061	-19.3	22061	0	21255	24.1	7123	11.5	22401	88	21225	78	7218	76	7319	103	7218	78				
6111	-819	7211	-29.4	7211	-0.22	21253	-18.9	21253	0	21225	22.8	19424	9.6	21319	88	21375	79	21253	81	7320	103	7211	84				
22061	-816	21375	-26.3	7218	-0.22	21225	-18.4	21225	0	21210	22.7	22087	8.8	22337	88	7218	79	21375	81	7126	103	7320	84				
21225	-799	7181	-24.6	7260	-0.21	6111	-18.2	6111	0	21375	22.5	21217	7.1	22200	88	21321	81	21321	82	7313	103	21375	86				
21354	-732	7156	-22.9	7160	-0.19	19233	-18.2	19233	0	21275	22.1	7260	6.9	21225	88	7320	82	7211	83	7391	103	21321	86				
21310	-684	21174	-22.1	21190	-0.18	21321	-18.0	21321	0	21289	19.7	21289	6.9	22394	89	21253	82	21174	83	7329	103	7181	86				
19408	-617	7125	-22.0	7156	-0.16	21375	-17.2	21375	0	21211	17.7	7194	6.8	22250	89	21174	83	21225	83	7305	103	21253	87				
21297	-578	7188	-21.4	7136	-0.16	18428	-15.4	18428	0	21253	17.3	21233	6.6	22191	89	7211	84	21354	83	7229	103	21174	87				
21174	-574	21253	-21.1	7212	-0.16	18430	-15.4	18430	0	21196	16.7	21203	6.5	22228	89	21354	85	7320	84	7236	103	21225	88				

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
24369	184	24364	15.7	24364	0.19	24369	11.6	23202	0.10	22249	-8.4	23199	-16.0	24364	122
24244	142	24422	13.6	24205	0.15	24428	10.1	24205	0.08	22352	-8.4	23326	-14.9	24155	121
23226	132	24428	13.2	23265	0.14	24159	9.6	24428	0.08	23226	-8.4	23305	-14.9	24158	121
24159	129	24205	10.4	23202	0.14	24244	9.2	23311	0.07	24159	-8.2	23223	-13.7	24244	118
23280	82	24159	10.3	24165	0.13	24158	7.8	24271	0.07	24158	-7.9	23312	-13.6	24422	114
24158	79	24244	9.1	24403	0.12	24422	7.1	24182	0.07	22233	-7.8	23271	-11.1	24428	112
23245	77	23310	8.5	24414	0.12	23245	6.1	23223	0.07	24291	-6.6	23340	-11.1	22352	109
24291	70	24164	8.1	24380	0.12	24058	5.1	24014	0.07	24370	-6.5	23225	-11.1	22249	109
24422	58	24369	7.5	24385	0.11	24291	5.1	23265	0.06	23310	-6.4	23289	-10.0	23229	105
24428	53	24414	6.5	23310	0.11	23201	4.9	23153	0.06	24165	-6.0	23213	-10.0	23231	105

Selection Indices

LMI		LPI		Weight		DFI	
Farm nr.	Ind	Farm nr.	Ind	Farm nr.	Ind	Farm nr.	Ind
24364	115	24428	109	23305	78	24428	113
24158	113	24422	109	23223	78	24369	112
24422	112	24159	108	23199	78	24244	112
24428	112	24369	108	23326	78	24364	111
24244	111	24244	108	24244	81	24422	111
24155	108	24364	107	24327	81	24158	109
24159	107	24158	106	24369	81	24159	109
24369	106	24205	105	24403	82	24205	109
22249	106	24164	104	24155	83	24327	107
22352	106	24291	104	24158	84	24164	106

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
23202	-554	23171	-13.8	23226	-0.10	23171	-14.3	22249	-0.01	23223	17.0	24370	5.1	23301	91
23171	-545	23322	-12.6	23157	-0.09	24380	-12.5	22352	-0.01	23199	16.9	22233	4.6	24280	91
24380	-524	23223	-12.3	23284	-0.07	24240	-10.4	23226	0.00	23326	16.9	23226	4.0	24039	91
23311	-458	23289	-11.9	23322	-0.06	24299	-10.4	23157	0.00	23305	16.9	24369	4.0	24159	92
24182	-458	23213	-11.9	24058	-0.06	24318	-10.4	23145	0.01	23312	15.2	24159	3.2	23173	92
23265	-410	23326	-11.6	23285	-0.06	23276	-10.4	22233	0.01	23213	15.1	24165	3.0	24058	93
24299	-393	23199	-11.6	24060	-0.05	24123	-10.4	23280	0.01	23289	15.1	24385	2.6	24165	94
24240	-393	23305	-11.6	24137	-0.05	23202	-8.6	24138	0.01	23225	14.3	24291	2.6	23311	94
23276	-393	24123	-9.9	24259	-0.05	23311	-8.5	23282	0.01	23271	14.3	24164	2.6	23202	94
24123	-393	24240	-9.9	24059	-0.05	24182	-8.5	23103	0.01	23340	14.3	24080	2.3	23317	94

Selection Indices

LMI		LPI		Weight		EFI	
Farm nr.	Ind	Farm nr.	Ind	Farm nr.	Ind	Farm nr.	Ind
23171	89	23171	87	23145	107	23171	90
23202	90	24380	90	23310	106	24380	93
23311	90	24318	91	23229	103	24240	94
24182	90	24240	91	23231	103	24299	94
24318	91	24299	91	23282	102	24123	94
24299	91	24123	91	24039	102	24318	94
24123	91	23276	91	23301	102	23276	94
24240	91	23202	91	23173	102	24182	94
23276	91	23199	91	24280	102	23311	94
24380	92	23326	91	23201	100	23202	95

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 Regnr	Name <u>Birth Date</u>	Breed Frac (%)	% Homozy- gosity	Casein		DGAT1	LGB	Yellow Milk Fat	Horns / Polled		BLAD	DUMPS	CT	HST Haplotypes			
				Beta	Kappa				Celtic	Friesian				1	3	4	5

