

KALAHARI RED GENETIC REPORT

04 September 2026



Kalahari Red Club

ZAGROS GOATS (PTY) LTD

FDM : 271



**CERTIFICATE
OF QUALITY**

Valid up to
October 2029

General Information

This **Genetic Report** of your flock enables you to determine the genetic merit and potential of the animals in your herd relative to that of the breed. An animal's performance is determined by two factors, namely the environment and genetics. Good nutrition and management can improve performance, but an animal cannot perform better than its genetic potential. Superior performance due to the environment cannot be carried over to the next generation. It is therefore extremely important not to neglect genetic progress of your flock. Due to the interaction between environment and genetics, it is difficult to identify genetically superior animals on performance data. Estimated Breeding Values (EBVs) are therefore predicted for every animal to determine its genetic potential, as well as its worth as a parent for the next generation. Through the use of EBVs, animals can be compared fairly **within the breed**, therefore across herds, years and production systems. Results presented in this report allow the breeder to identify the underlying genetics of the animals.

Genetic parameters

Genetic parameters (heritability and genetic correlations) are estimated on a breed-basis and are required for the prediction of breeding values. The **heritability** refers to the portion of the variation of a trait in a population that is due to transferrable genetics (the rest of the variation can be attributed to the environment and non-transferrable genetics). Some traits are genetically correlated, which means that a change in one trait will lead to changes in other traits. The strength of this association amongst traits is referred to as a **genetic correlations** and can be desirable or undesirable.

Breeding Values

The prediction of EBVs makes use of performance recordings of the animal as well as those of its relatives, pedigree information and genetic parameters. The deviation of the animal's measurement relative to the average of its contemporary group, forms the basis for identifying the animal's genetic potential for the trait. A **contemporary group** is a group of animals that have been exposed to the same environmental and biological effects, including herd, year, sex and age effects. After adjusting for differences in these effects, animals can fairly be compared and the difference in performance that still persist are then assumed to be due to differences in the genetic merit of the animals.

The EBV predicted for an animal at birth and until it has been measured, is the average EBV of its parents, since the animal received half of its genes from each parent. This mid-parent value makes the assumption that the same half of the parents' genes are carried over to all their offspring. In reality, each offspring receives a random sample of each parent's genes,

therefore mid-parent EBVs are still of low accuracy, but it does indicate the genetic level that can be expected due its parental history. An animal's true genetic merit can be predicted more accurately as more information becomes available, eg. when the animal has been measured or when the number of relatives with measurements increases. Estimated breeding values therefore change over time as more information becomes available. EBVs of animals are published with an **accuracy** (%), which indicates how much information was available for the estimation of breeding values and therefore the confidence with which a breeder can use it. Factors that influence the accuracy of an EBV are the heritability of the trait, the number of measured relatives, the size of the contemporary group, the precision with which the measurements were taken and the completeness of pedigree information. An EBV with an accuracy of 85% or more is less likely to change significantly with subsequent genetic analyses.

Interpretation of breeding values

EBVs are expressed around a **base year** (5 years ago), which means that the average breeding value of the base year is set as zero and all breeding values are expressed relative to this average. An animal with an EBV of +1kg for weaning weight is therefore genetically superior by 1kg compared to an average animal born in the base year. EBVs therefore express genetic merit of animals relative to each other. The true performance of an animal cannot be calculated from the EBV, but it enables the breeder to know which animals will make a better contribution to the next generation. For easier interpretation EBVs are also expressed as breeding value indices. For these indices the average value of the **active population** is set as 100 with a standard deviation of 12. An index of 76 therefore indicates that the animal is 2 standard deviations below the average and an index of 112 indicates that the animal is 1 standard deviation above the average of the active population for the specific trait. Please note that negative EBVs are favourable for Inter-Lambing Period and Age at First Lambing, therefore shorter inter-lambing periods and younger ages at first lambing indicates better fertility. However, breeding value indices are expressed in the same way for all traits, therefore higher indices indicates desirability for the traits and lower indices are undesirable. This makes it easy to identify superior animals for all traits.

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

Selection Indices

It is easy to select on a single trait, but that is not the best approach to follow. Selecting on only one trait can lead to the deterioration of performance in other traits due to genetic correlations. There are different traits that are important, some being more important than others. A selection index combines multiple traits, each with an economic weight to take the different levels of importance into account. EBVs for different traits cannot simply be added together, since the unit of measurement and range of the values differ and in some cases negative values are favoured. These factors are accounted for in the compilation of a selection index. An overall selection index includes EBVs of all the traits of economic importance, while other selection indices are more focused on specific breeding objectives. Selection indices are expressed around 100, with 100 being the average of the active population, with a standard deviation of 12. A selection index of 124 is therefore 2 standard deviations above the average and an index of 88 is one standard deviation below the average of the active animals of the population.

Two Indices are constructed for the Kalahari Red Goat breed, namely the Logix Merit Index and the Reproduction Index. These indices, their purpose and the contribution of the different traits to the indices are summarised as follows :

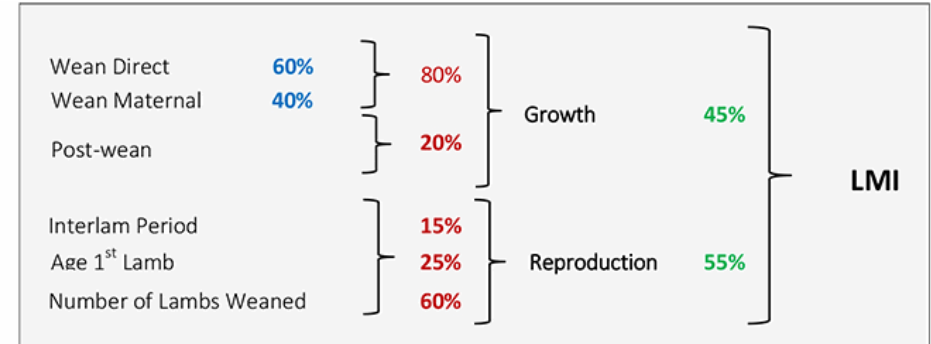
Logix Merit Index (LMI)

This index combines all the traits to select for a balanced, profitable animal that is fertile and delivers a desirable level of production while not reaching very large adult weights. Very large animals require more feed to meet their maintenance requirements, which makes them more expensive to keep and more likely to struggle during difficult times. Since large animals in a breeding flock are unfavourable, a penalty is placed on Post-Wean Weight EBV (indicated by the negative value) in the index. Selection based on the LMI will lead to breeding of balanced animals that will have the genetic potential to wean at a heavier weight (both due to its own potential and having dams that produce sufficient milk), lambs at an early age, lambs regularly, give multiple lambs and has lower maintenance requirements. This value is especially important for sustainability, which requires the selection of good, productive replacement animals for the flock.

The LMI is constructed as follows :

$$LMI = (0.0675 * AFL) + (0.1125 * ILP) + (0.264 * Wean Dir) + (0.176 * Wean Mat) + (0.27 * N_Lambs_Weaned) + (0.11 * Post-Wean Dir)$$

Schematically the LMI can be explained as follows :



Reproduction Index (RI)

This index includes Weaning Maternal), Number of Lambs Weaned, Age at First Lambing and Inter-lambing. This is especially an important index to consider in the development of a dam line.

The RI is constructed as follows :

$$(0.2 * AFL) + (0.2 * ILP) + (0.3 * Wean Mat) + (0.3 * N_Lambs_Weaned)$$

Schematically it can be explained as follows :



It is always important to consider the traits that contribute to the index individually when selection of animals is based on indices. It sometimes happen that an animal receives a good index due to its exceptional genetic merit of a specific trait, while some of the other traits of the animal in the index might be at undesirable levels for the specific flock's breeding objective, but masked in the index due to the exceptionality of that trait. A sound procedure is to rank animals based on the relevant selection index and then eliminate animals from the list that do not conform towards the flock's breeding objectives when considering the individual traits. Make use of all the available information.

Genetic Levels

Breeding Values

Eienskap	Flock**			Breed		
	All	Rams	Ewes	All	Rams	Ewes
Weaning Weight Direct	-0.26	-0.35	-0.23	0.10	0.13	0.09
Weaning Weight Maternal	0.11	0.11	0.11	-0.02	-0.02	-0.03
Weaning Weight Combined	-0.02	-0.07	0.00	0.03	0.04	0.02
Post-wean Weight	3.65	3.72	3.62	3.97	4.04	3.94
Number Lambs Weaned	1.19	1.48	1.07	0.35	0.35	0.35
Total Weight Weaned	0.56	0.64	0.53	0.29	0.31	0.27
Age at First Lambing	-3.42	-4.70	-2.94	-0.26	-0.27	-0.25
Inter-lambing Period	2.18	2.22	2.17	0.28	0.14	0.35
Selection Indices						
Logix Merit Index	100	101	100	98	98	98
Reproduction Index	102	104	101	97	97	97
Inbreeding						
Inbreeding (%)	4.87	3.96	5.20	5.70	5.98	5.58
Number of Animals						
Number of Animals	79	21	58	12707	3920	8764

** Averages of all active animals in the flock.

Breeding Value Indices

Trait	Flock **		
	All	Rams	Ewes
Weaning Weight Direct	94.1	92.8	94.6
Weaning Weight Maternal	100.1	100.2	100.1
Weaning Weight Comb	95.9	95.1	96.3
Post-wean Weight	96.6	97.1	96.5
Number Lambs Weaned	104.0	105.7	103.3
Total Weight Weaned	99.8	100.5	99.6
Age at First Lambing	106.4	108.2	105.7
Interlambing Period	92.7	92.6	92.7
Selection Indices			
Logix Merit Index	100.1	101.4	99.6
Reproduction Index	102.2	104.0	101.5
Inbreeding			
Inbreeding (%)	4.87	3.96	5.20
Number of Animals			
Number of Animals	79	21	58

** Averages of all active animals in the flock.

Inbreeding

NOTES

- Inbreeding primarily leads to decreased fertility and low survivability of lambs.
- 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 rams.
- Incomplete or incorrect pedigree information can be reported to SA Stud Book. Inbreeding is dependent on pedigree information. Conventional methods for the Calculation of inbreeding coefficients usually assume that unknown parents are unrelated. However, this is usually far from the truth. An algorithm is used for the calculation of inbreeding, where the average inbreeding coefficient is assigned to unknown parents based on the generation in which they were born. This result is a more accurate reflection of inbreeding of the herd and breed.

Inbreeding Levels for Specific Matings

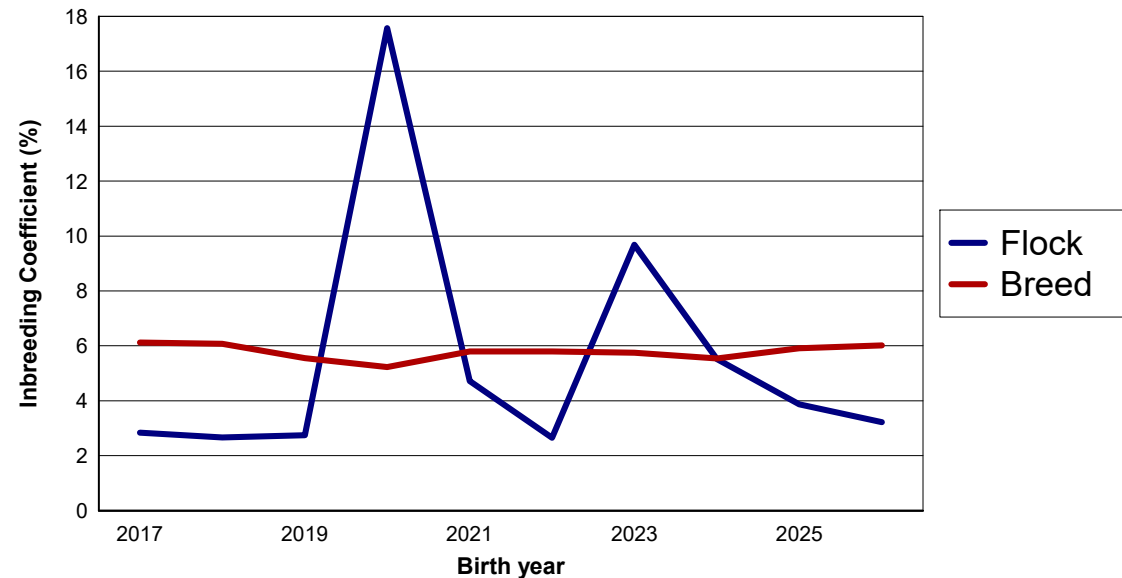
Progeny with Parents :	25%
Full Brother x Full Sister :	25%
Half Brother x Half Sister :	12.5%
One Common Grandparent :	6.25%
One Common Great-Grandparent :	3.125%

Level and Rate of Inbreeding

Year of Birth	Level* (%)	Rate (% / year)
2017 - 2026	3.22	0.04
Recommended:	< 6.25	< 0.1 - 0.2

*Of the last year of birth

Inbreeding

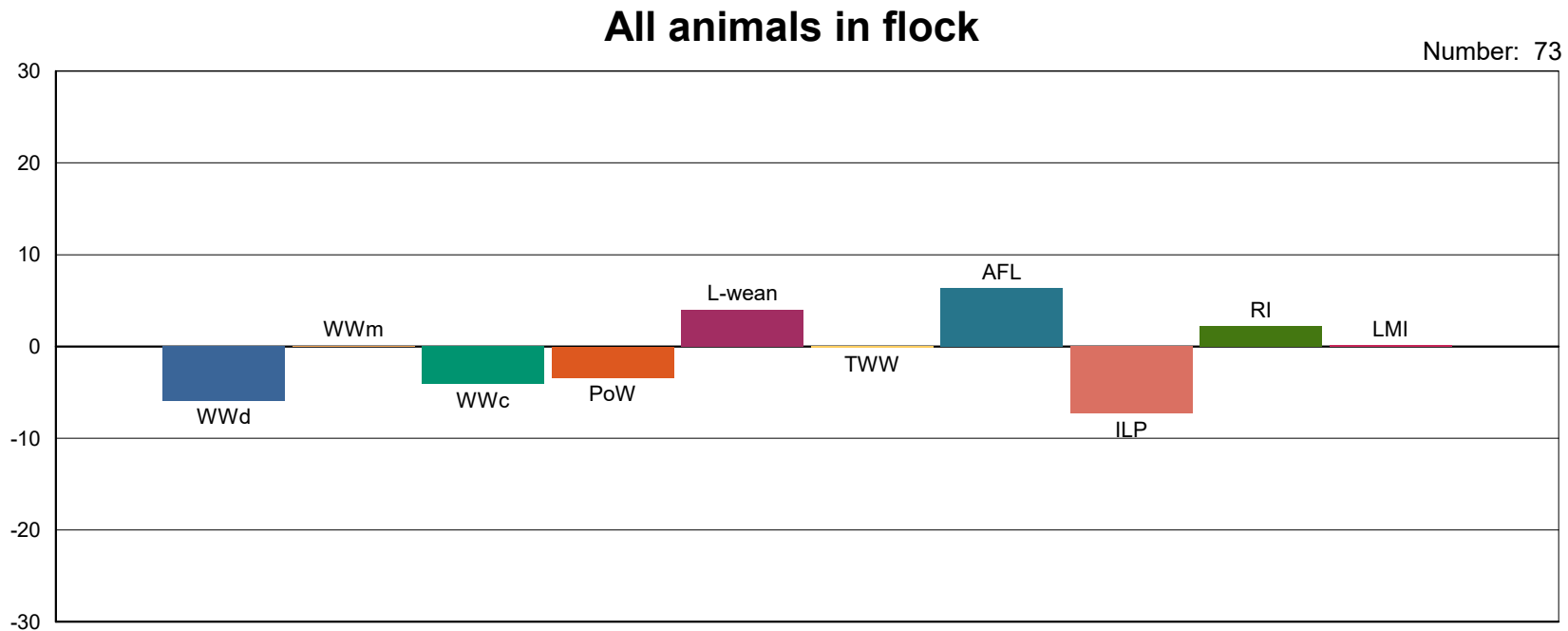


Pedigree Information

	Number	%
Known Sires	73	92
Known Dams	72	91

Note: Inbreeding can be under-estimated if pedigree information is incomplete or incorrect

Genetic Windows



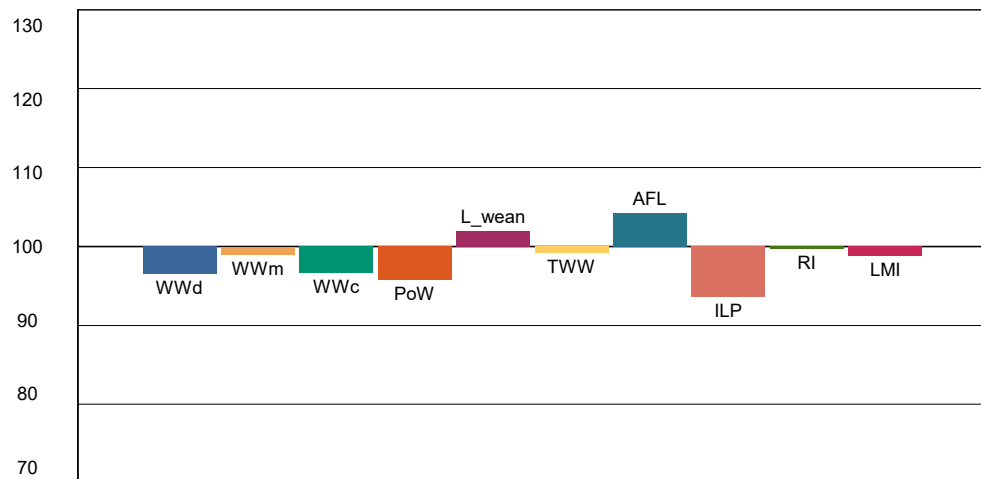
WWd: Weaning Weight Direct
WWm: Weaning Weight Maternal
WWc: Weaning Weight Combined
PoW: Post-Wean Weight
L-wean: Number of Lambs Weaned
TWW: Total Weight Weaned
AFL: Age at First Lambing
ILP: Inter-lambing Period
RI: Reproduction Index
LMI: Logix Merit Index

The genetic windows allow a quick overview of the genetic status of the flock compared to the breed. The values presented here are the average EBV indices of all the active animals of the flock, of the dams and sires of the active animals of the flock, as well as of the active ewes and rams younger than 2 years old. An index of 100 is equal to the average of the active measured population. Due to the higher selection intensity on rams (selection is more strict since a much smaller percentage of young animals are retained in the flock), the expectation is for the average index of the sires to be higher than that of the dams. Remember that the EBV index for AFL and ILP are presented in such a way that an index above 100 indicates animals that have a lower EBV for these traits.

Genetic Windows

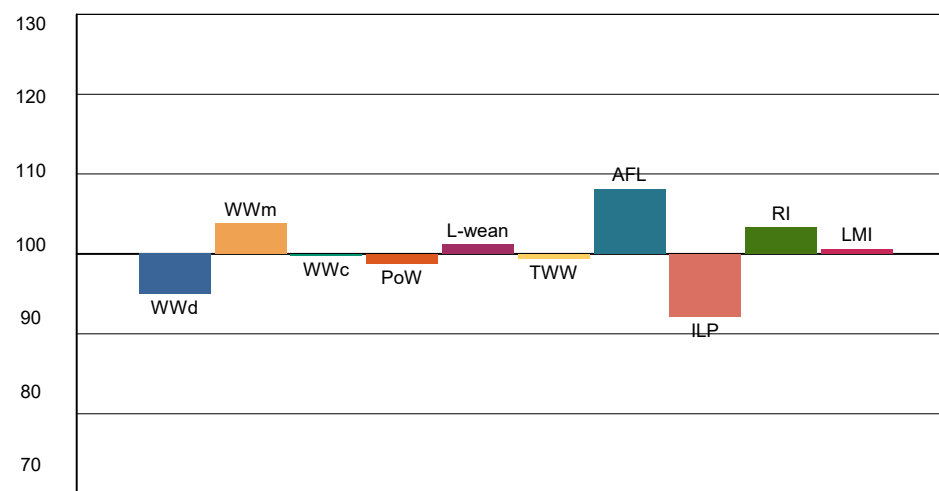
Dams

Number: 44



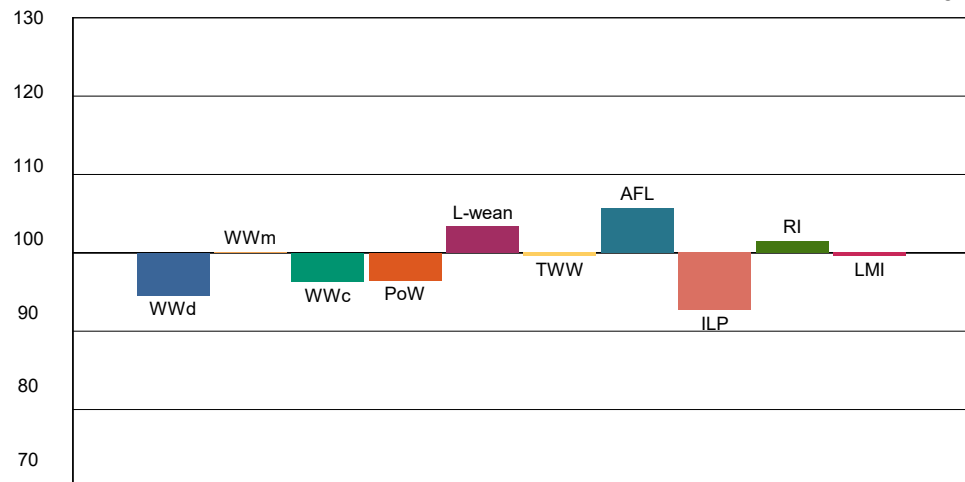
Sires

Number: 14



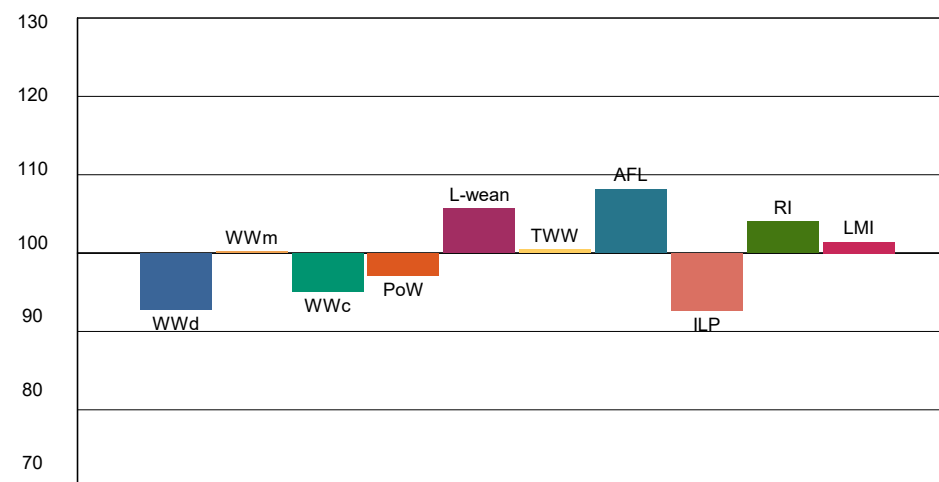
Young Ewes

Number: 52



Young Rams

Number: 21



Genetic Trends

Genetic trends are based on measured animals that were bred by the specific breeder.

Genetic Trends

Genetic trends are based on measured animals that were bred by the specific breeder.

For AFL and ILP flock genetic trends below breed averages are desirable.

Genetic Trends of Breed

Birth year	Weaning Weight				Post-wean	Lambs Weaned		TWW		AFL		ILP		RI		LMI				
	EBV					EBV		EBV		EBV		EBV		EBV		EBV				
	Number	Dir	Mat	Comb		Number	EBV	Number	EBV	Number	EBV	Number	EBV	Number	EBV	Number	EBV			
2013	184	0.80	-0.35	0.06	68	3.89	103	0.81	184	106	186	3.64	94	-2.39	184	96	184	106		
2014	75	-0.13	-0.10	-0.17			70	0.70	75	98	115	0.65	45	-0.59	75	97	75	98		
2015	144	-0.12	-0.14	-0.20			102	3.43	98	0.48	144	98	138	-0.07	74	-1.25	144	98	144	98
2016	108	-0.26	-0.02	-0.15			87	0.34	108	97	139	3.86	94	-4.48	108	99	108	97		
2017	271	-0.02	0.16	0.15			104	0.44	271	98	176	1.01	127	-0.49	271	99	271	96		
2018	168	-0.35	0.24	0.06			202	0.31	168	92	268	3.02	208	-2.21	168	101	168	92		
2019	293	-0.23	0.14	0.03			257	0.35	293	97	358	0.34	271	0.42	293	100	293	96		
2020	637	0.18	0.05	0.14	14	0.00	284	0.62	637	101	634	-0.01	461	0.76	637	100	637	100		
2021	562	0.00	0.00	0.00			274	-0.01	562	96	749	0.00	513	0.00	562	97	562	95		
2022	1120	-0.22	0.11	0.00			377	3.43	302	0.16	1114	97	896	0.23	522	-0.21	1114	100	1114	97
2023	1342	0.11	0.00	0.05			209	3.99	227	0.25	1342	99	805	0.42	270	0.60	1342	98	1342	98
2024	1472	0.20	0.07	0.17			164	4.47	95	-0.11	1472	101	384	-1.08	53	-2.38	1472	100	1472	101
2025	1116	0.20	0.18	0.28			394	4.65			1116	101	22	1.42			1116	102	1116	101

Genetic Trends of Flock

Birth year	Weaning Weight EBV				Post-Wean	Lambs Weaned		TWW		AFL		ILP		RI		LMI	
	Number	Dir	Mat	Comb		Number	EBV	Number	EBV	Number	EBV	Number	EBV	Number	EBV	Number	EBV

Breeding Value & Selection Index Percentiles

The percentiles indicate the ranking of the animals' EBVs and Selection Indices within the active population.

For example, if an animal's EBV for a specific trait falls between the maximum and 99% percentile of the trait, it means that this animal ranks in the top 1% of the active population, or this animal's genetic merit for the trait is better than 99% of that of the active population.

Should the EBV for a specific trait falls between the 5% and 10% percentile, it means that the animal ranks in the bottom 10% of the active population for the specific trait, or the animal's genetic merit is worse than 90% of the active population.

Note that the percentiles for Age at First Lambing and Inter-lambing Period EBVs work on the reverse scale.

All Active Animals

Trait	AVG	SA*	Min	Percentiles(%)															Max
				1	5	10	20	25	30	40	50	60	70	75	80	90	95	99	
Weaning Weight Direct	0.10	0.58	-2.61	-1.35	-0.77	-0.54	-0.31	-0.23	-0.16	-0.03	0.05	0.17	0.27	0.39	0.51	0.83	1.19	1.73	3.06
Weaning Weight Maternal	-0.02	0.41	-2.33	-0.90	-0.57	-0.45	-0.34	-0.30	-0.26	-0.18	-0.09	0.02	0.13	0.19	0.26	0.50	0.74	1.20	2.15
Weaning Weight Combined	0.03	0.48	-2.85	-1.12	-0.71	-0.54	-0.34	-0.28	-0.22	-0.08	0.03	0.13	0.23	0.29	0.36	0.60	0.87	1.30	2.36
Post-Wean Weight	3.97	1.19	-1.89	0.94	2.16	2.59	3.10	3.26	3.47	3.71	3.95	4.15	4.39	4.57	4.79	5.44	5.99	7.22	12.54
Number of Lambs Weaned	0.35	1.41	-7.50	-3.60	-1.90	-1.20	-0.50	-0.30	-0.10	0.20	0.40	0.70	0.80	1.00	1.10	1.60	2.50	4.70	13.50
Total Weight Weaned	0.29	1.17	-7.52	-3.17	-1.68	-1.10	-0.44	-0.25	-0.09	0.16	0.34	0.56	0.77	0.89	1.02	1.50	2.03	3.44	8.91
Age at First Lambing	-0.26	-7.68	56.53	18.86	11.54	8.88	5.46	4.32	3.20	1.34	0.07	-1.35	-3.26	-4.69	-6.11	-9.87	-13.80	-19.60	-37.78
Interlambing Period	0.28	-5.28	19.61	12.82	8.72	6.76	4.28	3.48	2.91	1.87	0.81	-0.54	-2.24	-3.15	-4.21	-6.85	-8.84	-12.54	-24.28
Reproduction Index	97	9	53	76	84	88	92	93	93	95	96	98	100	101	103	108	113	124	146
Logix Merit Index	98	9	45	73	83	87	92	93	95	96	98	100	101	102	104	108	112	122	147

*SD : Standard Deviation. An indicator of how far breeding values/selection indices are distributed around the average.

Breeding Value & Selection Index Percentiles

All Active Rams

Trait	AVG	SA*	Min	Percentiles (%)															Max
				1	5	10	20	25	30	40	50	60	70	75	80	90	95	99	
Weaning Weight Direct	0.13	0.58	-2.24	-1.26	-0.75	-0.51	-0.29	-0.21	-0.15	-0.02	0.07	0.19	0.31	0.43	0.55	0.86	1.21	1.70	2.81
Weaning Weight Maternal	-0.02	0.38	-1.44	-0.75	-0.52	-0.43	-0.34	-0.30	-0.25	-0.17	-0.08	0.04	0.14	0.19	0.25	0.47	0.69	1.12	1.88
Weaning Weight Combined	0.04	0.45	-1.43	-0.96	-0.64	-0.50	-0.33	-0.27	-0.21	-0.07	0.04	0.15	0.24	0.30	0.37	0.59	0.84	1.25	2.24
Post-Wean Weight	4.04	1.21	-1.77	1.42	2.31	2.63	3.12	3.28	3.47	3.73	4.00	4.22	4.48	4.67	4.91	5.49	6.15	7.30	12.54
Number of Lambs Weaned	0.35	1.31	-4.60	-3.20	-1.80	-1.10	-0.50	-0.30	-0.10	0.20	0.40	0.70	0.80	1.00	1.10	1.50	2.30	4.70	8.80
Total Weight Weaned	0.31	1.10	-4.54	-2.91	-1.53	-0.96	-0.39	-0.22	-0.08	0.15	0.34	0.59	0.80	0.92	1.02	1.45	1.95	3.29	5.84
Age at First Lambing	-0.27	-7.03	27.46	14.80	10.78	8.41	5.20	4.19	3.07	1.39	0.18	-1.27	-3.15	-4.61	-5.88	-9.01	-12.52	-19.15	-31.92
Interlambing Period	0.14	-5.04	19.27	12.69	8.29	6.32	3.96	3.17	2.66	1.58	0.49	-0.83	-2.33	-3.18	-4.11	-6.52	-8.31	-11.92	-18.90
Reproduction Index	97	8	70	77	85	89	92	93	93	95	97	98	100	101	103	108	112	124	145
Logix Merit Index	98	8	65	75	84	88	92	94	95	97	98	100	102	103	104	107	112	123	137

All Active Ewes

Trait	AVG	SA*	Min	Percentiles (%)															Max
				1	5	10	20	25	30	40	50	60	70	75	80	90	95	99	
Weaning Weight Direct	0.09	0.58	-2.61	-1.41	-0.78	-0.55	-0.32	-0.23	-0.16	-0.03	0.04	0.15	0.25	0.36	0.48	0.81	1.17	1.73	3.06
Weaning Weight Maternal	-0.03	0.42	-2.33	-0.94	-0.60	-0.46	-0.34	-0.30	-0.26	-0.18	-0.09	0.00	0.13	0.19	0.26	0.51	0.76	1.24	2.15
Weaning Weight Combined	0.02	0.49	-2.85	-1.19	-0.73	-0.56	-0.35	-0.29	-0.23	-0.09	0.02	0.11	0.23	0.29	0.35	0.60	0.88	1.37	2.36
Post-Wean Weight	3.94	1.17	-1.89	0.80	2.10	2.57	3.09	3.26	3.47	3.70	3.92	4.11	4.36	4.51	4.73	5.41	5.89	7.15	9.58
Number of Lambs Weaned	0.35	1.46	-7.50	-3.80	-2.00	-1.20	-0.50	-0.30	-0.10	0.20	0.50	0.70	0.90	1.00	1.10	1.60	2.60	4.90	13.50
Total Weight Weaned	0.27	1.21	-7.52	-3.26	-1.74	-1.16	-0.48	-0.25	-0.10	0.17	0.34	0.54	0.75	0.88	1.02	1.53	2.04	3.50	8.91
Age at First Lambing	-0.25	-7.98	56.53	19.28	11.85	9.04	5.56	4.41	3.25	1.33	0.02	-1.39	-3.32	-4.74	-6.21	-10.44	-14.24	-19.76	-37.78
Interlambing Period	0.34	-5.40	19.61	12.85	9.02	6.90	4.47	3.57	2.96	2.01	0.96	-0.41	-2.16	-3.12	-4.28	-7.01	-9.03	-12.81	-24.28
Reproduction Index	97	9	53	75	84	88	91	93	93	95	96	98	100	101	103	109	114	125	146
Logix Merit Index	98	9	45	72	83	87	92	93	94	96	98	99	101	102	104	108	113	122	147

*SD : Standard Deviation. An indicator of how far breeding values/selection indices are distributed around the average.

Rams

Inbreeding in red is high

EBV - Estimated Breeding Value

Indices >=124
Above breed average
Indices <= 76

Acc: Accuracy of the breeding value
EBVs with an accuracy below 5% are not printed

Index: Expresses the EBV around 100 where 100 is set as the average EBV of active animals

Animal Information						Selection Indices		EBV - Weights				EBV - Fertility									
Animal Comp no.			Parents Sire Dam			% In- breeding	Logix Merit Index	Reproduction Index	Wean Weight		Post-Wean		Number Weaned	TWW		AFL		ILP		Dam	
									Dir EBV Acc Index	Mat EBV Acc Index	Comb EBV Index	EBV Acc Index		EBV Acc Index	EBV Acc Index	EBV Acc Index	EBV Acc Index	EPI	Times Lambded		
Active Breed Average:						100	100	0.10	-0.02	0.03	3.97	0.35	0.29	-0.26	0.28						
KR62 21 0199 92439926	KR62 19 3196 KR62 16 0045	9.67	107	115	-0.93 54 85	0.37 46 106	-0.10 95	3.39 46 95	2.90 26 114	1.18 44 105	-12.01 47 118	4.55 29 88			9						
271 25 0005 110272374	KR62 21 0119 197 23 0042	4.08	92	90	-0.10 18 96	-0.43 17 88	-0.48 87	3.98 12 99	-0.10 9 96	-0.60 16 91	-5.46 25 109	3.96 13 89			1						
255 25 0014 107882029	173 22 0031 104 22 0437	8.04	107	97	1.43 62 117	0.24 38 103	0.96 115	6.50 56 116	-0.60 15 94	1.32 42 106	2.59 24 98	-1.12 16 100	94	2							
271 25 0017 110272390	KR62 21 0199 197 23 0038	3.15	105	109	-0.57 28 90	0.19 24 102	-0.09 95	3.33 24 95	2.50 14 112	1.12 23 104	-8.25 32 113	4.85 17 87			1						
271 25 0024 111006375	KR62 21 0199 197 23 0042	3.00	103	106	-0.45 27 92	0.09 23 100	-0.14 94	3.74 23 97	2.00 13 109	0.84 22 102	-6.06 30 110	3.24 15 90			1						
271 25 0027 111533162	173 23 0040 179 24 0016	2.36	86	89	-0.29 25 94	-0.06 20 96	-0.20 92	3.44 13 95	-1.00 9 91	-0.95 19 89	5.20 23 95	-0.08 13 98			1						
255 25 0031 107882078	173 22 0031 100 22 0086	9.95	105	101	0.93 60 110	0.17 40 101	0.63 109	5.62 53 110	-0.20 13 96	0.97 41 103	6.03 29 93	-6.71 18 113	98	4							
271 26 0001 114068893	KR62 21 0199 197 23 0031	3.33	105	108	-0.46 28 91	0.13 24 101	-0.11 94	3.75 23 97	2.20 13 110	0.98 23 103	-8.67 29 114	4.08 17 89			1						
271 26 0002 114069792	KR62 21 0199 197 23 0031	3.33	105	108	-0.46 28 91	0.13 24 101	-0.11 94	3.75 23 97	2.20 13 110	0.98 23 103	-8.67 29 114	4.08 17 89			1						
271 26 0006 114068760	KR62 21 0199 155 21 0027	2.71	102	105	-0.44 27 92	0.05 23 99	-0.17 93	3.73 23 97	1.90 13 108	0.75 22 101	-5.63 23 109	2.77 14 91			2						
271 26 0007 114191612	KR62 21 0199 197 24 0017	4.03	99	103	-0.50 32 91	0.09 27 100	-0.16 93	3.51 26 96	1.20 16 104	0.31 26 98	-4.53 32 108	2.32 18 92			1						
271 26 0008 114069784	KR62 21 0199 155 18 0109	2.67	105	107	-0.44 27 92	0.05 23 99	-0.17 93	3.73 23 97	1.90 13 108	0.75 22 101	-14.54 25 122	5.70 14 85			4						
271 26 0009 114069776	KR62 21 0199 197 24 0012	3.40	95	99	-0.49 31 91	0.06 27 99	-0.19 93	3.50 25 96	1.00 16 103	0.17 26 97	2.57 31 98	0.22 17 97			1						
271 26 0010 114031545	KR62 21 0199 155 22 0213	2.65	102	105	-0.44 27 92	0.05 23 99	-0.17 93	3.73 23 97	1.90 13 108	0.75 22 101	-5.63 23 109	2.77 14 91			2						
271 26 0011 114031503	KR62 21 0199 155 21 0027	2.71	102	105	-0.44 27 92	0.05 23 99	-0.17 93	3.73 23 97	1.90 13 108	0.75 22 101	-5.63 23 109	2.77 14 91			2						

Rams

Inbreeding in red is high

EBV - Estimated Breeding Value

Indices >=124
Above breed average
Indices <= 76

Acc: Accuracy of the breeding value
EBVs with an accuracy below 5% are not printed

Index: Expresses the EBV around 100 where 100 is set as the average EBV of active animals

Animal Information							Selection Indices		EBV - Weights				EBV - Fertility							
Animal Comp no.			Parents Sire Dam			% In- breeding	Logix Merit Index	Reproduction Index	Wean Weight		Post-Wean	Number Weaned	TWW		AFL		ILP		Dam	
									Dir EBV Acc Index	Mat EBV Acc Index			Comb EBV Index	EBV Acc Index	EBV Acc Index	EBV Acc Index	EBV Acc Index	EPI	Times Lambed	
Active Breed Average:							100	100	0.10	-0.02	0.03	3.97	0.35	0.29	-0.26	0.28				
271 26 0013 114031537	KR62 21 0199 197 21 0012	3.53	102	111	-0.88 34 86	0.37 30 106	-0.07 95	2.29 28 88	2.50 18 112	1.00 29 103	0.19 33 101	-0.54 19 99	5							
271 26 0014 114031495	KR62 21 0199 197 21 0012	3.53	102	111	-0.88 34 86	0.37 30 106	-0.07 95	2.29 28 88	2.50 18 112	1.00 29 103	0.19 33 101	-0.54 19 99	5							
271 26 0016 114031511	KR62 21 0199 197 23 0048	3.29	105	107	-0.46 28 91	0.13 24 101	-0.11 94	3.75 23 97	2.20 13 110	0.98 23 103	-8.68 32 114	4.38 17 88	2							
271 26 0021 114034762	KR62 21 0199 271 21 0053	2.71	102	105	-0.44 27 92	0.05 23 99	-0.17 93	3.73 23 97	1.90 13 108	0.75 22 101	-5.63 23 109	2.77 14 91	2							
271 26 0022 114031529	KR62 21 0199 271 21 0053	2.71	102	105	-0.44 27 92	0.05 23 99	-0.17 93	3.73 23 97	1.90 13 108	0.75 22 101	-5.63 23 109	2.77 14 91	2							
271 26 0028 111533121	173 23 0040 179 24 0013	2.36	95	102	-0.64 26 89	0.19 21 102	-0.13 94	2.86 16 91	0.30 11 99	-0.27 21 94	-10.44 23 116	4.42 13 88	2							
Ram Flock Average: Number of rams in the flock: 21							101	104	-0.35	0.11	-0.07	3.72	1.48	0.64	-4.70	2.22				

Ewes

Inbreeding in red is high

EBV - Estimated Breeding Value

Indices >=124
Above breed average
Indices <= 76

Acc: Accuracy of the breeding value
EBVs with an accuracy below 5% are not printed

Index: Expresses the EBV around 100 where 100 is set as the average EBV of active animals

Animal Information							Selection Indices			EBV - Weights				EBV - Fertility							
Animal Comp no.			Parents Sire Dam			% In- breedin	Logix Merit Index	Reproduction Index	Wean Weight		Comb EBV Index	Post-Wean EBV Acc Index	Number Weaned EBV Acc Index	TWW		AFL		ILP		Phenotype	
									Dir EBV Acc Index	Mat EBV Acc Index				EBV Acc Index	EBV Acc Index	EBV Acc Index	EBV Acc Index	EPI	Times Lambd		
			Active Breed Average:				100	100	0.10	-0.02	0.03	3.97	0.35	0.29	-0.26	0.28					
197 19 0012 92940683			KR62 17 0786 197 17 0015	2.84		104	101	0.00 21 98	-0.12 18 95	-0.12 94	4.11 10 100	1.50 6 106	0.79 16 102	-10.08 36 116	5.71 23 85			3			
197 19 0026 92940568			KR62 17 0786 - - -	2.64		102	99	0.00 21 98	-0.12 18 95	-0.12 94	4.11 10 100	1.50 6 106	0.79 16 102	-4.25 32 108	3.72 19 89			4			
197 21 0012 93573798			197 19 0086 104 18 0062	3.79		96	107	-0.83 43 86	0.38 39 106	-0.03 96	1.19 33 80	2.10 24 109	0.82 37 102	12.39 46 85	-5.62 25 110			5			
197 23 0006 96544432			197 19 0086 197 19 0023	5.21		106	110	-0.45 30 92	0.23 28 103	0.01 96	2.46 24 89	3.00 16 115	1.58 26 108	-5.91 35 110	4.28 25 88			2			
197 23 0008 110461621			197 20 0062 197 19 0006	15.10		102	99	0.00 15 98	-0.12 12 95	-0.12 94	4.11 7 100	1.50 5 106	0.79 11 102	-4.04 29 107	3.74 16 89			1			
197 23 0016 96544556			197 19 0086 197 20 0023	5.13		106	108	-0.45 30 92	0.23 28 103	0.01 96	2.46 24 89	3.00 16 115	1.58 26 108	-7.58 38 112	7.64 24 81			2			
197 23 0031 96544788			197 20 0062 197 20 0028	15.19		103	100	0.00 15 98	-0.12 12 95	-0.12 94	4.11 7 100	1.50 5 106	0.79 11 102	-5.33 33 109	3.62 17 90			1			
197 23 0038 106901556			197 20 0062 197 21 0014	3.94		103	102	-0.21 18 95	0.02 16 98	-0.09 95	3.27 13 94	2.10 9 109	1.07 15 104	-4.49 43 108	5.15 16 86			1			
197 23 0042 106901457			197 20 0062 197 18 0028	2.67		99	97	0.02 10 98	-0.19 9 94	-0.18 93	4.09 5 100	1.20 5 104	0.55 8 100	-0.12 39 102	1.94 11 93			1			
197 23 0048 106901564			197 20 0062 197 20 0017	15.10		102	100	0.00 15 98	-0.12 12 95	-0.12 94	4.11 7 100	1.50 5 106	0.79 11 102	-5.35 43 109	4.21 19 88			2			
197 23 0052 106901465			197 20 0062 197 20 0006	15.10		101	99	0.00 15 98	-0.12 12 95	-0.12 94	4.11 7 100	1.50 5 106	0.79 11 102	0.50 33 101	1.38 16 95			1			
271 24 0002 107644320			159 22 0021 197 19 0026	4.13		113	112	-0.02 34 97	0.28 28 104	0.27 102	4.42 32 102	2.60 16 112	1.82 28 109	-14.49 34 122	7.09 17 82			0			
271 24 0003 107644346			159 22 0021 197 21 0012	6.46		110	116	-0.43 39 92	0.53 33 109	0.31 102	2.96 36 92	2.90 20 114	1.84 32 109	-6.17 38 110	2.42 19 92			0			
271 24 0005 108047770			104 23 0162 155 22 0213	2.65		98	100	0.11 32 99	0.28 24 104	0.34 103	5.25 31 107	-0.30 13 95	0.21 25 97	4.13 16 96	-3.17 10 105			0			

Ewes

Inbreeding in red is high

EBV - Estimated Breeding Value

Indices >=124
Above breed average
Indices <= 76

Acc: Accuracy of the breeding value
EBVs with an accuracy below 5% are not printed

Index: Expresses the EBV around 100 where 100 is set as the average EBV of active animals

Animal Information							Selection Indices		EBV - Weights				EBV - Fertility									
Animal Comp no.			Parents Sire Dam			% In- breedin	Logix Merit Index	Reproduction Index	Wean Weight		Post-Wean		Number Weaned		TWW		AFL		ILP		Phenotype	
									Dir EBV Acc Index	Mat EBV Acc Index	Comb EBV Index	EBV Acc Index	EBV Acc Index	EBV Acc Index	EBV Acc Index	EBV Acc Index	EPI	Times Lambd				
			Active Breed Average:				100	100	0.10	-0.02	0.03	3.97	0.35	0.29	-0.26	0.28						
197 24 0012 99693095			159 21 0080 197 20 0019	2.06	84	84	-0.06 33 97	-0.26 29 92	-0.29 91	3.62 22 96	-0.80 17 92	-0.79 28 90	17.15 41 78	-4.11 18 107	1							
271 24 0012 107379000			104 23 0162 155 21 0027	2.71	98	100	0.11 32 99	0.28 24 104	0.34 103	5.25 31 107	-0.30 13 95	0.21 25 97	4.13 16 96	-3.17 10 105	0							
179 24 0013 99528986			179 22 0011 159 22 0167	8.01	98	109	-0.84 38 86	0.57 35 110	0.15 99	1.91 28 85	0.30 22 99	-0.09 33 95	-20.14 41 130	8.38 23 79	2							
179 24 0016 99528861			179 22 0011 179 22 0021	19.72	79	83	-0.14 34 96	0.07 32 99	0.00 96	3.07 21 93	-2.40 18 83	-1.51 30 84	11.14 41 86	-0.60 23 99	1							
197 24 0017 99693145			159 21 0080 197 19 0023	2.97	90	90	-0.08 35 97	-0.18 30 94	-0.22 92	3.64 23 97	-0.50 18 94	-0.56 29 92	2.95 44 98	0.10 22 97	1							
197 24 0018 99693152			159 21 0080 197 19 0026	2.91	90	89	-0.08 35 97	-0.18 30 94	-0.22 92	3.64 23 97	-0.50 18 94	-0.56 29 92	3.45 32 97	0.94 21 96	0							
197 24 0022 99693194			159 21 0080 197 20 0007	2.92	89	89	-0.08 35 97	-0.18 30 94	-0.22 92	3.64 23 97	-0.50 18 94	-0.56 29 92	4.75 44 95	0.23 21 97	1							
197 24 0030 99693244			159 21 0080 197 19 0004	2.91	90	89	-0.08 35 97	-0.18 30 94	-0.22 92	3.64 23 97	-0.50 18 94	-0.56 29 92	3.45 32 97	0.94 21 96	0							
179 24 0033 109993378			179 23 0050 140 22 0036	3.87	90	90	-0.05 30 97	-0.09 27 96	-0.12 94	3.59 15 96	-0.70 13 93	-0.56 25 91	-2.58 27 105	4.65 18 87	0							
197 24 0034 99693277			159 21 0080 197 18 0034	2.67	88	88	-0.06 33 97	-0.26 29 92	-0.29 91	3.62 22 96	-0.80 17 92	-0.79 28 90	2.20 32 99	1.39 20 95	0							
197 24 0038 99693327			159 22 0021 197 20 0050	4.23	115	114	-0.02 34 97	0.28 28 104	0.27 102	4.42 32 102	2.60 16 112	1.82 28 109	-20.99 48 131	8.54 19 79	1							
179 24 0038 110198546			179 23 0050 AH 16 0277	4.46	93	94	-0.11 25 96	0.04 23 99	-0.02 96	3.73 15 97	-0.30 12 95	-0.25 21 94	-0.35 21 102	1.86 15 93	0							
197 24 0058 106901606			197 20 0062 197 19 0022	15.19	102	100	0.00 15 98	-0.12 12 95	-0.12 94	4.11 7 100	1.50 5 106	0.79 11 102	-4.52 30 108	3.61 16 90	1							
197 24 0061 106901630			197 20 0062 197 20 0017	15.10	102	100	0.00 15 98	-0.12 12 95	-0.12 94	4.11 7 100	1.50 5 106	0.79 11 102	-2.50 33 105	2.54 16 92	0							

Ewes

Inbreeding in red is high

EBV - Estimated Breeding Value

Indices >=124
Above breed average
Indices <= 76

Acc: Accuracy of the breeding value
EBVs with an accuracy below 5% are not printed

Index: Expresses the EBV around 100 where 100 is set as the average EBV of active animals

Animal Information							Selection Indices			EBV - Weights					EBV - Fertility									
Animal Comp no.			Parents Sire Dam			% In- breedin	Logix Merit Index	Reproduction Index	Dir		Wean Weight Mat		Comb	Post-Wean	Number Weaned		TWW		AFL		ILP		Phenotype	
Active Breed Average:							100	100	0.10	-0.02	0.03	3.97	0.35	0.29	-0.26	0.28								
179 24 0061 99755613			179 22 0011 133 20 0025	4.94	92	97	-0.08 31 97	0.42 29 107	0.38 104	3.67 18 97	-1.40 14 89	-0.50 26 92	-0.85 29 103	1.08 20 95			0							
197 24 0062 106901648			197 20 0062 197 21 0010	4.03	103	104	-0.21 18 95	0.02 16 98	-0.09 95	3.27 13 94	2.10 9 109	1.07 15 104	-5.02 31 109	3.56 16 90			0							
179 24 0073 99945768			173 20 0070 159 20 0074	3.22	105	111	-0.38 41 93	0.52 35 109	0.33 103	3.36 29 95	1.60 17 106	1.10 33 104	-5.02 33 109	1.14 21 95			1							
179 24 0082 99945909			173 20 0070 104 21 0089	4.57	106	101	1.03 42 112	0.20 34 102	0.72 110	5.11 26 106	0.40 14 99	1.48 32 107	7.63 29 91	-5.27 20 109			1							
179 24 0093 110198538			173 20 0070 100 23 0229	6.02	100	108	0.13 38 99	0.87 32 117	0.94 114	4.98 22 106	-1.10 11 91	0.34 29 98	3.96 30 96	-6.37 19 112			0							
179 24 0102 109993360			179 23 0050 KR62 21 0192	8.90	85	89	-0.43 31 92	0.01 29 98	-0.21 92	3.00 18 92	-1.60 16 88	-1.38 27 85	-4.90 28 108	5.27 20 86			0							
179 24 0115 109990747			173 23 0040 147 19 0003	2.36	98	99	0.04 32 98	-0.05 27 97	-0.04 96	3.79 12 98	0.60 11 101	0.34 25 98	1.70 21 99	-1.83 13 102			0							
179 24 0118 110076239			173 20 0070 173 23 0031	9.03	96	96	0.04 37 98	-0.09 31 96	-0.07 95	4.99 21 106	-0.30 7 95	-0.23 28 94	0.84 26 101	-2.06 17 102			0							
179 24 0120 107003295			173 23 0040 179 21 0075	2.36	93	94	-0.10 27 96	-0.08 23 96	-0.13 94	3.50 15 96	-0.10 10 96	-0.24 22 94	-3.17 22 106	3.62 16 90			0							
179 24 0129 107832412			173 23 0040 179 21 0030	2.36	95	98	-0.31 30 94	0.00 26 98	-0.15 93	3.12 19 93	0.70 13 101	0.12 25 97	-2.17 25 105	2.93 16 91			0							
271 25 0002 113604334			KR62 21 0199 271 21 0053	2.71	102	105	-0.44 27 92	0.05 23 99	-0.17 93	3.73 23 97	1.90 13 108	0.75 22 101	-5.63 23 109	2.77 14 91			0							
271 25 0004 111006367			KR62 21 0199 197 23 0048	3.29	105	107	-0.46 28 91	0.13 24 101	-0.11 94	3.75 23 97	2.20 13 110	0.98 23 103	-8.68 32 114	4.38 17 88			0							
271 25 0013 111830949			KR62 21 0199 197 21 0012	3.53	102	111	-0.88 34 86	0.37 30 106	-0.07 95	2.29 28 88	2.50 18 112	1.00 29 103	0.19 33 101	-0.54 19 99			0							
271 25 0022 111830956			KR62 21 0199 197 19 0026	3.23	105	107	-0.46 29 91	0.13 25 101	-0.11 94	3.75 23 97	2.20 13 110	0.98 24 103	-8.13 28 113	4.13 17 88			0							

Ewes

Inbreeding in red is high

EBV - Estimated Breeding Value

Indices >=124
Above breed average
Indices <= 76

Acc: Accuracy of the breeding value
EBVs with an accuracy below 5% are not printed

Index: Expresses the EBV around 100 where 100 is set as the average EBV of active animals

Animal Information							Selection Indices			EBV - Weights				EBV - Fertility												
Animal Comp no.			Parents Sire Dam			% In- breedin	Logix Merit Index	Reproduction Index	Dir		Wean Weight		Comb		Post-Wean		Number Weaned		TWW		AFL		ILP		Phenotype	
									EBV Acc Index	EBV Acc Index	EBV Acc Index	EBV Acc Index	EBV Acc Index	EBV Acc Index	EBV Acc Index	EBV Acc Index	EBV Acc Index	EBV Acc Index	EPI	Times Lambd						
			Active Breed Average:				100	100	0.10	-0.02	0.03	3.97	0.35	0.29	-0.26	0.28										
271 25 0023 110272382			KR62 21 0199 197 23 0016	3.26	106	111	-0.69 31 88	0.30 27 104	-0.05 95	2.93 26 92	2.90 15 114	1.35 26 106	-9.80 30 115	6.10 19 84	0											
271 25 0025 111830964			KR62 21 0199 197 21 0012	3.53	102	111	-0.88 34 86	0.37 30 106	-0.07 95	2.29 28 88	2.50 18 112	1.00 29 103	0.19 33 101	-0.54 19 99	0											
271 26 0004 113999163			KR62 21 0199 197 23 0052	3.29	104	107	-0.46 28 91	0.13 24 101	-0.11 94	3.75 23 97	2.20 13 110	0.98 23 103	-5.76 28 110	2.96 17 91	0											
271 26 0005 113999189			KR62 21 0199 197 24 0017	4.03	99	103	-0.50 32 91	0.09 27 100	-0.16 93	3.51 26 96	1.20 16 104	0.31 26 98	-4.53 32 108	2.32 18 92	0											
271 26 0012 113999171			KR62 21 0199 197 24 0022	3.99	98	102	-0.50 32 91	0.09 27 100	-0.16 93	3.51 26 96	1.20 16 104	0.31 26 98	-3.63 32 107	2.39 18 92	0											
271 26 0015 114028442			KR62 21 0199 179 24 0073	3.23	106	113	-0.65 34 89	0.44 29 108	0.12 99	3.38 27 95	2.30 16 111	1.17 28 104	-8.52 29 113	2.84 18 91	0											
271 26 0017 114028400			KR62 21 0199 179 24 0082	3.52	107	108	0.05 34 98	0.28 29 104	0.31 102	4.25 26 101	1.60 15 106	1.30 28 105	-2.19 27 105	-0.36 18 98	0											
271 26 0018 114028418			KR62 21 0199 197 23 0016	3.26	106	111	-0.69 31 88	0.30 27 104	-0.05 95	2.93 26 92	2.90 15 114	1.35 26 106	-9.80 30 115	6.10 19 84	0											
271 26 0019 114028426			KR62 21 0199 197 23 0016	3.26	106	111	-0.69 31 88	0.30 27 104	-0.05 95	2.93 26 92	2.90 15 114	1.35 26 106	-9.80 30 115	6.10 19 84	0											
271 26 0020 114028434			KR62 21 0199 197 24 0058	3.33	105	107	-0.46 28 91	0.13 24 101	-0.11 94	3.75 23 97	2.20 13 110	0.98 23 103	-8.27 28 113	4.08 17 89	0											
Ewe flock average: Total ewes in flock: 52							100	101	-0.23	0.11	0.00	3.62	1.07	0.53	-2.94	2.17										

Sires Used in Flock

*Inbreeding in red is high

EBV - Estimated Breeding Value

Indices >=124
Above breed average
Indices <= 76

Acc: Accuracy of the breeding value
EBVs with an accuracy below 5% are not printed

Index: Expresses the EBV around 100 where 100 is set as the average EBV of active animals

Animal Information		Parents & Progeny						Selection Indices		EBV - Weights				EBV - Fertility						
Animal ID Computer nr	% In- breedin	Sire ID Dam ID	1st Generation		2nd Generation		Logix Merit Index	Reproducti on Index	Weaning Weight				Number Weaned	TWW		AFL		ILP		DAM
			Progeny Number Weaned	Herds	Progeny Number Weaned	Herds			Dir EBV Acc Index	Mat EBV Acc Index	Comb EBV Index	Post-Wean EBV Acc Index		EBV Acc Index	EBV Acc Index	EBV Acc Index	EBV Acc Index	EPI	Times Lambe	
		Active Breed Average:						100	100	0.10	-0.02	0.03	3.97	0.35	0.29	-0.26	0.28			
1	KR62 17 0786 82927724	4.46	KR62 14 0002 KR9 15 0013					107	104	-0.04 42 97	0.04 35 99	0.02 97	4.15 21 100	2.20 11 110	1.32 32 106	-9.25 63 115	6.45 38 83		10	
2	197 19 0086 92925973	2.84	KR62 17 0056 159 17 0201					109	117	-0.89 57 85	0.57 53 110	0.12 99	0.82 47 78	4.40 32 123	2.32 50 113	-6.90 59 111	8.21 37 79	94	6	
3	KR62 19 3196 91032037	3.45	KR62 17 1276 KR62 17 0001	81	2	40	4	127	134	-0.46 94 91	1.20 85 124	0.96 115	3.94 89 99	4.70 52 125	3.55 81 122	-17.68 84 126	6.45 50 83		6	
4	197 20 0062 93446508	2.84	KR62 17 0786 197 17 0010					101	99	0.00 21 98	-0.12 18 95	-0.12 94	4.11 10 100	1.50 6 106	0.79 16 102	-0.23 47 102	2.21 22 93		7	
5	173 20 0070 93077584	2.67	173 18 0001 133 19 0030	3	2	3	1	96	100	-0.01 59 98	0.32 51 105	0.31 102	5.07 39 106	-1.10 12 91	-0.36 45 93	-1.24 48 103	-2.89 31 104		1	
6	159 21 0080 93677235	2.67	KR62 17 0777 159 18 0030					77	79	-0.15 66 96	-0.25 57 92	-0.32 90	3.17 44 93	-2.50 35 82	-1.90 55 81	11.14 56 86	-1.83 37 102	122	8	
7	KR62 21 0119 92506096	4.46	KR62 19 0002 49 16 0606					86	83	-0.23 34 95	-0.67 33 83	-0.79 81	3.88 23 98	-1.30 17 89	-1.68 30 83	-10.80 32 117	5.99 23 84		4	
8	KR62 21 0199 92439926	9.67	KR62 19 3196 KR62 16 0045					107	115	-0.93 54 85	0.37 46 106	-0.10 95	3.39 46 95	2.90 26 114	1.18 44 105	-12.01 47 118	4.55 29 88		9	
9	179 22 0011 99521916	4.38	KR62 19 0187 100 20 0223			1	1	88	93	-0.32 51 93	0.28 46 104	0.12 99	3.35 29 95	-1.50 24 88	-0.94 43 89	-1.12 49 103	2.90 32 91		5	
10	159 22 0021 93960979	3.17	KR62 19 3196 159 20 0082					124	124	-0.04 64 97	0.68 53 113	0.66 109	4.73 63 104	3.70 31 119	2.86 52 117	-24.73 60 136	10.47 28 74	85	1	
11	173 22 0031 94338886	5.02	AH 20 1022 100 19 0269	59	2	1	1	106	104	0.89 86 110	0.49 51 109	0.94 114	5.39 66 108	-0.50 17 94	1.08 57 104	1.92 37 99	-4.39 23 107		5	
12	173 23 0040 97311781	2.06	173 21 0122 173 20 1110					93	95	-0.43 36 92	-0.19 25 94	-0.41 89	3.82 16 98	0.40 5 99	-0.38 25 93	-0.74 20 103	0.46 11 97		3	
13	179 23 0050 99462129	4.38	KR62 19 0187 100 20 0223					89	94	-0.26 50 94	0.35 45 105	0.21 100	3.39 29 95	-1.50 24 88	-0.82 42 90	-1.45 43 104	2.73 31 92		5	
14	104 23 0162 97360499	7.44	55 20 0053 104 21 0082					100	105	0.18 63 100	0.83 48 116	0.92 114	6.44 61 115	-1.50 25 88	0.11 48 97	7.49 33 91	-7.32 20 114	90	3	
			Sire Flock Average: Number of sires used in the flock: 14						101	103	-0.19	0.28	0.18	3.97	0.71	0.51	-4.69	2.43		

Ram Selection List: LMI

Animals sorted on LMI

Inbreeding in red is high

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Indices >=124
Above breed average
Indices <= 76

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Animal Information		Parents & Progeny			Selection Indices		EBV - Weights				EBV - Fertility						
Animal ID Computer nr	% In- breedi	Sire ID Dam ID	1st Generation	2nd Generation	Logix Merit Index	Reproducti on Index	Weaning Weight		Comb EBV Index	Post-Wean EBV Acc Index	Number Weaned EBV Acc Index	TWW		AFL		ILP	
			Progeny Number Weaned Herds	Progeny Number Weaned Herds			Dir EBV Acc Index	Mat EBV Acc Index				EBV Acc Index	EBV Acc Index	EBV Acc Index	EBV Acc Index		
		Active Breed Average:			100	100	0.10	-0.02	0.03	3.97	0.35	0.29	-0.26	0.28			
1	R62 21 0199 92439926	9.67	R62 19 3196 R62 16 0045		107	115	-0.93 54 85	0.37 46 106	-0.10 95	3.39 46 95	2.90 26 114	1.18 44 105	-12.01 47 118	4.55 29 88			
2	255 25 0014 107882029	8.04	173 22 0031 104 22 0437		107	97	1.43 62 117	0.24 38 103	0.96 115	6.50 56 116	-0.60 15 94	1.32 42 106	2.59 24 98	-1.12 16 100			
3	271 25 0017 110272390	3.15	R62 21 0199 197 23 0038		105	109	-0.57 28 90	0.19 24 102	-0.09 95	3.33 24 95	2.50 14 112	1.12 23 104	-8.25 32 113	4.85 17 87			
4	271 26 0008 114069784	2.67	R62 21 0199 155 18 0109		105	107	-0.44 27 92	0.05 23 99	-0.17 93	3.73 23 97	1.90 13 108	0.75 22 101	-14.54 25 122	5.70 14 85			
5	271 26 0002 114069792	3.33	R62 21 0199 197 23 0031		105	108	-0.46 28 91	0.13 24 101	-0.11 94	3.75 23 97	2.20 13 110	0.98 23 103	-8.67 29 114	4.08 17 89			
6	271 26 0001 114068893	3.33	R62 21 0199 197 23 0031		105	108	-0.46 28 91	0.13 24 101	-0.11 94	3.75 23 97	2.20 13 110	0.98 23 103	-8.67 29 114	4.08 17 89			
7	271 26 0016 114031511	3.29	R62 21 0199 197 23 0048		105	107	-0.46 28 91	0.13 24 101	-0.11 94	3.75 23 97	2.20 13 110	0.98 23 103	-8.68 32 114	4.38 17 88			
8	255 25 0031 107882078	9.95	173 22 0031 100 22 0086		105	101	0.93 60 110	0.17 40 101	0.63 109	5.62 53 110	-0.20 13 96	0.97 41 103	6.03 29 93	-6.71 18 113			
9	271 25 0024 111006375	3.00	R62 21 0199 197 23 0042		103	106	-0.45 27 92	0.09 23 100	-0.14 94	3.74 23 97	2.00 13 109	0.84 22 102	-6.06 30 110	3.24 15 90			
10	271 26 0011 114031503	2.71	R62 21 0199 155 21 0027		102	105	-0.44 27 92	0.05 23 99	-0.17 93	3.73 23 97	1.90 13 108	0.75 22 101	-5.63 23 109	2.77 14 91			
11	271 26 0021 114034762	2.71	R62 21 0199 271 21 0053		102	105	-0.44 27 92	0.05 23 99	-0.17 93	3.73 23 97	1.90 13 108	0.75 22 101	-5.63 23 109	2.77 14 91			
12	271 26 0022 114031529	2.71	R62 21 0199 271 21 0053		102	105	-0.44 27 92	0.05 23 99	-0.17 93	3.73 23 97	1.90 13 108	0.75 22 101	-5.63 23 109	2.77 14 91			
13	271 26 0010 114031545	2.65	R62 21 0199 155 22 0213		102	105	-0.44 27 92	0.05 23 99	-0.17 93	3.73 23 97	1.90 13 108	0.75 22 101	-5.63 23 109	2.77 14 91			
14	271 26 0006 114068760	2.71	R62 21 0199 155 21 0027		102	105	-0.44 27 92	0.05 23 99	-0.17 93	3.73 23 97	1.90 13 108	0.75 22 101	-5.63 23 109	2.77 14 91			

Ram Selection List: LMI

Animals sorted on LMI

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Animal ID Computer nr	% In-breedi	Sire ID Dam ID	1st Generation	2nd Generation	Logix Merit Index	Reproducti on Index	Weaning Weight		Comb EBV Index	Post-Wean EBV Acc Index	Number Weaned EBV Acc Index	TWW EBV Acc Index	AFL EBV Acc Index	ILP EBV Acc Index
			Progeny Number Weaned Herds	Progeny Number Weaned Herds			Dir EBV Acc index	Mat EBV Acc Index						
		Active Breed Average:			100	100	0.10	-0.02	0.03	3.97	0.35	0.29	-0.26	0.28
15	271 26 0013 114031537	3.53	R62 21 0199 197 21 0012		102	111	-0.88 34 86	0.37 30 106	-0.07 95	2.29 28 88	2.50 18 112	1.00 29 103	0.19 33 101	-0.54 19 99
16	271 26 0014 114031495	3.53	R62 21 0199 197 21 0012		102	111	-0.88 34 86	0.37 30 106	-0.07 95	2.29 28 88	2.50 18 112	1.00 29 103	0.19 33 101	-0.54 19 99
17	271 26 0007 114191612	4.03	R62 21 0199 197 24 0017		99	103	-0.50 32 91	0.09 27 100	-0.16 93	3.51 26 96	1.20 16 104	0.31 26 98	-4.53 32 108	2.32 18 92
18	271 26 0009 114069776	3.40	R62 21 0199 197 24 0012		95	99	-0.49 31 91	0.06 27 99	-0.19 93	3.50 25 96	1.00 16 103	0.17 26 97	2.57 31 98	0.22 17 97
19	271 26 0028 111533121	2.36	173 23 0040 179 24 0013		95	102	-0.64 26 89	0.19 21 102	-0.13 94	2.86 16 91	0.30 11 99	-0.27 21 94	-10.44 23 116	4.42 13 88
20	271 25 0005 110272374	4.08	R62 21 0119 197 23 0042		92	90	-0.10 18 96	-0.43 17 88	-0.48 87	3.98 12 99	-0.10 9 96	-0.60 16 91	-5.46 25 109	3.96 13 89
21	271 25 0027 111533162	2.36	173 23 0040 179 24 0016		86	89	-0.29 25 94	-0.06 20 96	-0.20 92	3.44 13 95	-1.00 9 91	-0.95 19 89	5.20 23 95	-0.08 13 98

Ewe Selection List: LMI

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Animal Information		Parents	Selection Indices		EBV - Weights				EBV - Fertility				
Animal ID Computer nr	% In- breedin	Sire ID Dam ID	Logix Merit Index	Reproducti on Index	Dir EBV Acc Index	Weaning Weight Mat EBV Acc Index	Comb EBV Index	Post-Wean EBV Acc Index	Number Weaned EBV Acc Index	TWW EBV Acc Index	AFL EBV Acc Index	ILP EBV Acc Index	Phenotype EPI Times Lambd
Active Breed Average:			100	100	0.10	-0.02	0.03	3.97	0.35	0.29	-0.26	0.28	
1 KR62 21 0199 92439926	9.67	KR62 19 3196 KR62 16 0045	107	115	54 ^{-0.93} 85	46 ^{0.37} 106	-0.10 95	3.39 46 95	26 ^{2.90} 114	44 ^{1.18} 105	47 ^{-12.01} 118	29 ^{4.55} 88	
2 255 25 0014 107882029	8.04	173 22 0031 104 22 0437	107	97	62 ^{1.43} 117	38 ^{0.24} 103	0.96 115	6.50 56 116	15 ^{-0.60} 94	42 ^{1.32} 106	24 ^{2.59} 98	16 ^{-1.12} 100	
3 271 25 0017 110272390	3.15	KR62 21 0199 197 23 0038	105	109	28 ^{-0.57} 90	24 ^{0.19} 102	-0.09 95	3.33 24 95	14 ^{2.50} 112	23 ^{1.12} 104	32 ^{-8.25} 113	17 ^{4.85} 87	
4 271 26 0008 114069784	2.67	KR62 21 0199 155 18 0109	105	107	27 ^{-0.44} 92	23 ^{0.05} 99	-0.17 93	3.73 23 97	13 ^{1.90} 108	22 ^{0.75} 101	25 ^{-14.54} 122	14 ^{5.70} 85	
5 271 26 0002 114069792	3.33	KR62 21 0199 197 23 0031	105	108	28 ^{-0.46} 91	24 ^{0.13} 101	-0.11 94	3.75 23 97	13 ^{2.20} 110	23 ^{0.98} 103	29 ^{-8.67} 114	17 ^{4.08} 89	
6 271 26 0001 114068893	3.33	KR62 21 0199 197 23 0031	105	108	28 ^{-0.46} 91	24 ^{0.13} 101	-0.11 94	3.75 23 97	13 ^{2.20} 110	23 ^{0.98} 103	29 ^{-8.67} 114	17 ^{4.08} 89	
7 271 26 0016 114031511	3.29	KR62 21 0199 197 23 0048	105	107	28 ^{-0.46} 91	24 ^{0.13} 101	-0.11 94	3.75 23 97	13 ^{2.20} 110	23 ^{0.98} 103	32 ^{-8.68} 114	17 ^{4.38} 88	
8 255 25 0031 107882078	9.95	173 22 0031 100 22 0086	105	101	60 ^{0.93} 110	40 ^{0.17} 101	0.63 109	5.62 53 110	13 ^{-0.20} 96	41 ^{0.97} 103	29 ^{6.03} 93	18 ^{-6.71} 113	
9 271 25 0024 111006375	3.00	KR62 21 0199 197 23 0042	103	106	27 ^{-0.45} 92	23 ^{0.09} 100	-0.14 94	3.74 23 97	13 ^{2.00} 109	22 ^{0.84} 102	30 ^{-6.06} 110	15 ^{3.24} 90	
10 271 26 0011 114031503	2.71	KR62 21 0199 155 21 0027	102	105	27 ^{-0.44} 92	23 ^{0.05} 99	-0.17 93	3.73 23 97	13 ^{1.90} 108	22 ^{0.75} 101	23 ^{-5.63} 109	14 ^{2.77} 91	
11 271 26 0021 114034762	2.71	KR62 21 0199 271 21 0053	102	105	27 ^{-0.44} 92	23 ^{0.05} 99	-0.17 93	3.73 23 97	13 ^{1.90} 108	22 ^{0.75} 101	23 ^{-5.63} 109	14 ^{2.77} 91	
12 271 26 0022 114031529	2.71	KR62 21 0199 271 21 0053	102	105	27 ^{-0.44} 92	23 ^{0.05} 99	-0.17 93	3.73 23 97	13 ^{1.90} 108	22 ^{0.75} 101	23 ^{-5.63} 109	14 ^{2.77} 91	
13 271 26 0010 114031545	2.65	KR62 21 0199 155 22 0213	102	105	27 ^{-0.44} 92	23 ^{0.05} 99	-0.17 93	3.73 23 97	13 ^{1.90} 108	22 ^{0.75} 101	23 ^{-5.63} 109	14 ^{2.77} 91	
14 271 26 0006 114068760	2.71	KR62 21 0199 155 21 0027	102	105	27 ^{-0.44} 92	23 ^{0.05} 99	-0.17 93	3.73 23 97	13 ^{1.90} 108	22 ^{0.75} 101	23 ^{-5.63} 109	14 ^{2.77} 91	

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Animal Information		Parents	Selection Indices		EBV - Weights				EBV - Fertility				Phenotype	
Animal ID Computer nr	% In- breedin	Sire ID Dam ID	Logix Merit Index	Reproducti on Index	Dir EBV Acc Index	Weaning Mat EBV Acc Index	Comb EBV Index	Post-Wean EBV Acc Index	Number Weaned EBV Acc Index	TWW EBV Acc Index	AFL EBV Acc Index	ILP EBV Acc Index	EPI	Times Lambd
Active Breed Average:			100	100	0.10	-0.02	0.03	3.97	0.35	0.29	-0.26	0.28		
15 271 26 0013 114031537	3.53	KR62 21 0199 197 21 0012	102	111	-0.88 34 86	0.37 30 106	-0.07 95	2.29 28 88	2.50 18 112	1.00 29 103	0.19 33 101	-0.54 19 99		
16 271 26 0014 114031495	3.53	KR62 21 0199 197 21 0012	102	111	-0.88 34 86	0.37 30 106	-0.07 95	2.29 28 88	2.50 18 112	1.00 29 103	0.19 33 101	-0.54 19 99		
17 271 26 0007 114191612	4.03	KR62 21 0199 197 24 0017	99	103	-0.50 32 91	0.09 27 100	-0.16 93	3.51 26 96	1.20 16 104	0.31 26 98	-4.53 32 108	2.32 18 92		
18 271 26 0009 114069776	3.40	KR62 21 0199 197 24 0012	95	99	-0.49 31 91	0.06 27 99	-0.19 93	3.50 25 96	1.00 16 103	0.17 26 97	2.57 31 98	0.22 17 97		
19 271 26 0028 111533121	2.36	173 23 0040 179 24 0013	95	102	-0.64 26 89	0.19 21 102	-0.13 94	2.86 16 91	0.30 11 99	-0.27 21 94	-10.44 23 116	4.42 13 88		
20 271 25 0005 110272374	4.08	KR62 21 0119 197 23 0042	92	90	-0.10 18 96	-0.43 17 88	-0.48 87	3.98 12 99	-0.10 9 96	-0.60 16 91	-5.46 25 109	3.96 13 89		
21 271 25 0027 111533162	2.36	173 23 0040 179 24 0016	86	89	-0.29 25 94	-0.06 20 96	-0.20 92	3.44 13 95	-1.00 9 91	-0.95 19 89	5.20 23 95	-0.08 13 98		