

KALAHARI RED GENETIC REPORT

04 September 2026



Kalahari Red Club

MISS C.H. CARLA HEIDI PRETORIUS

FDM : 164



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 :

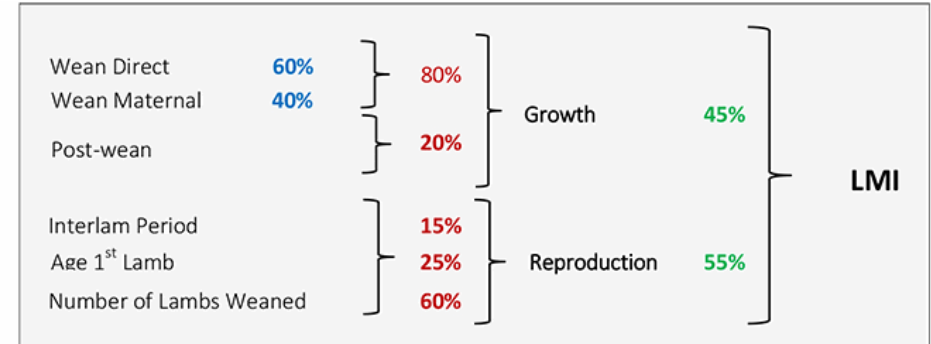
Logix Merit Index (LMI)

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 :



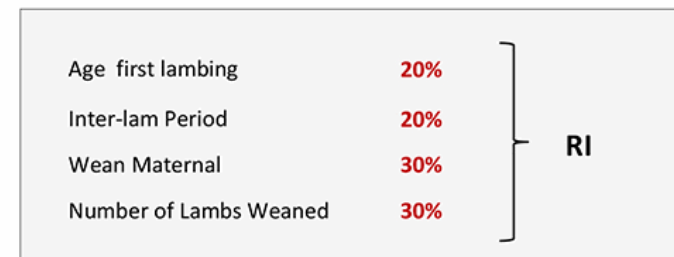
Reproduction Index (RI)

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	0.28	0.44	0.16	0.10	0.13	0.09
Weaning Weight Maternal	-0.42	-0.41	-0.43	-0.02	-0.02	-0.03
Weaning Weight Combined	-0.28	-0.19	-0.35	0.03	0.04	0.02
Post-wean Weight	4.19	4.39	4.04	3.97	4.04	3.94
Number Lambs Weaned	0.29	0.26	0.31	0.35	0.35	0.35
Total Weight Weaned	0.03	0.18	-0.09	0.29	0.31	0.27
Age at First Lambing	7.17	7.02	7.28	-0.26	-0.27	-0.25
Inter-lambing Period	-2.78	-3.37	-2.33	0.28	0.14	0.35
Selection Indices						
Logix Merit Index	94	96	93	98	98	98
Reproduction Index	90	91	90	97	97	97
Inbreeding						
Inbreeding (%)	4.05	3.91	4.13	5.70	5.98	5.58
Number of Animals						
Number of Animals	130	55	75	12707	3920	8764

** Averages of all active animals in the flock.

Breeding Value Indices

Trait	Flock **		
	All	Rams	Ewes
Weaning Weight Direct	101.5	103.7	99.8
Weaning Weight Maternal	88.5	88.6	88.3
Weaning Weight Comb	90.9	92.6	89.6
Post-wean Weight	100.3	101.6	99.2
Number Lambs Weaned	98.7	98.5	98.8
Total Weight Weaned	95.9	97.0	95.0
Age at First Lambing	91.8	91.9	91.7
Interlambing Period	103.7	105.0	102.7
Selection Indices			
Logix Merit Index	94.3	95.8	93.0
Reproduction Index	90.2	90.8	89.7
Inbreeding			
Inbreeding (%)	4.05	3.91	4.13
Number of Animals			
Number of Animals	130	55	75

** 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

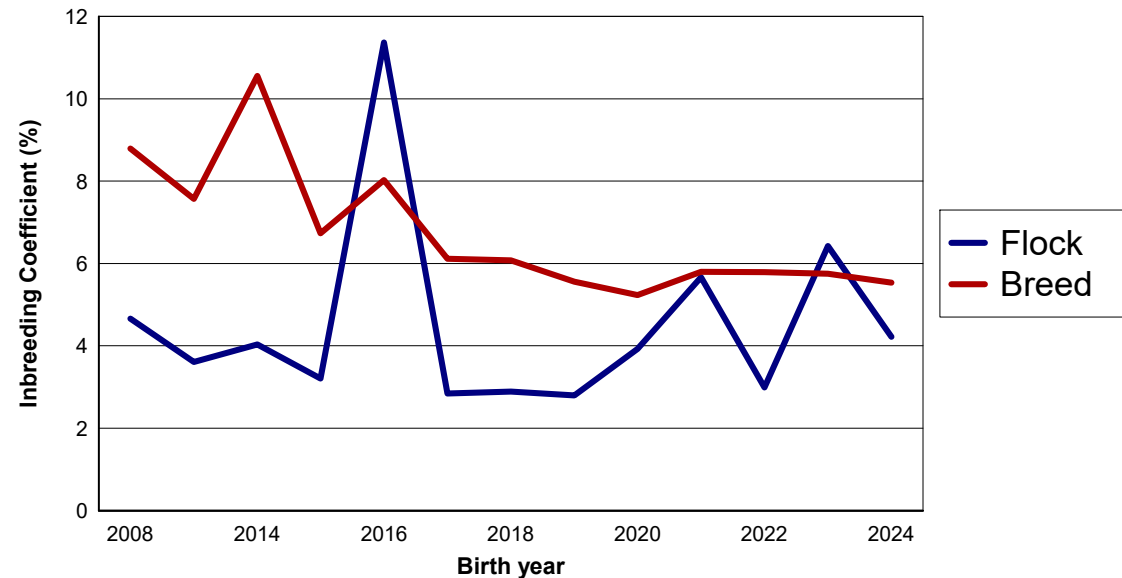
Progeny with Parents :	25%
Full Brother x Full Sister :	25%
Half Brother x Half Sister :	12.5%
One Common Grandparent :	6.25%
One Common Great-Grandparent :	3.125%

Level and Rate of Inbreeding

Year of Birth	Level* (%)	Rate (% / year)
2008 - 2024	4.22	-0.03
Recommended:	< 6.25	< 0.1 - 0.2

*Of the last year of birth

Inbreeding

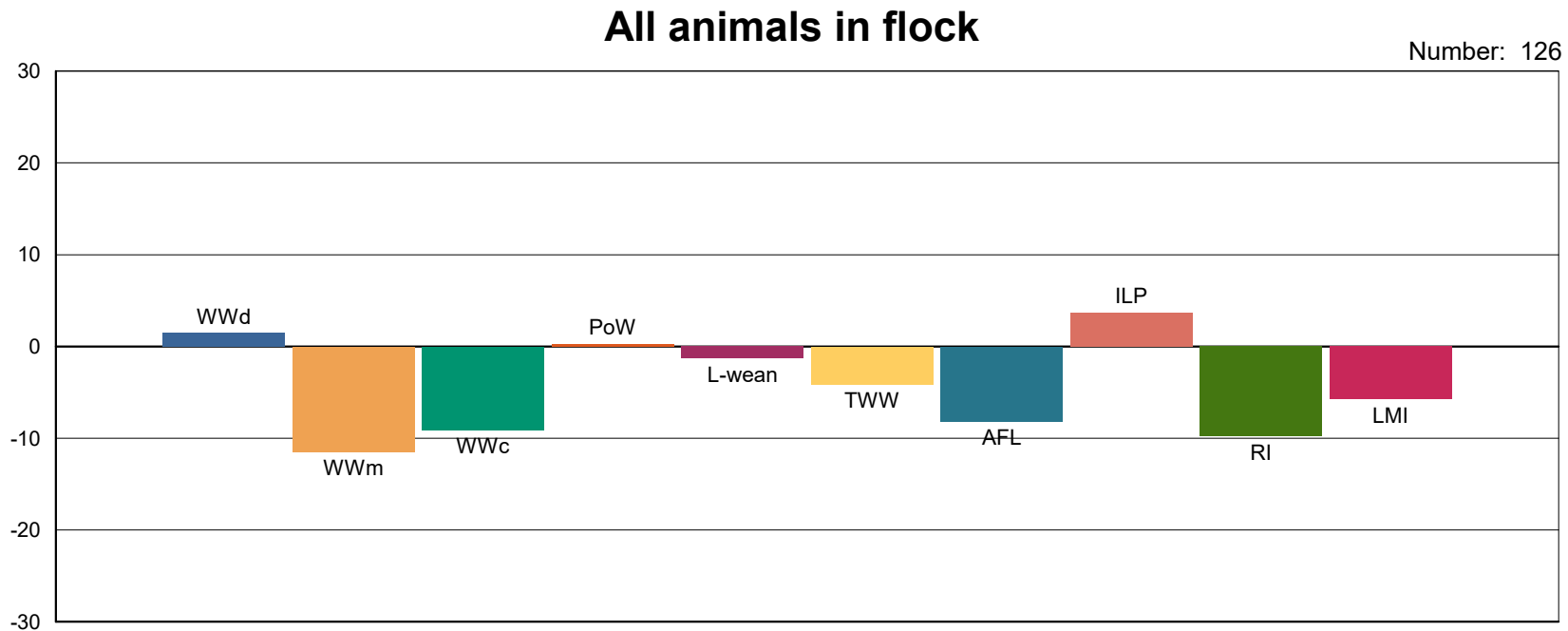


Pedigree Information

	Number	%
Known Sires	123	95
Known Dams	125	96

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

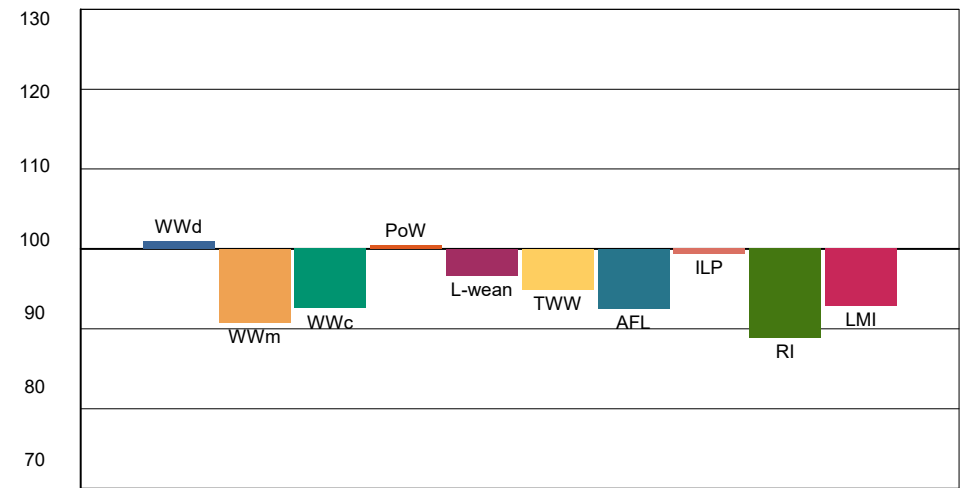
Dams

Number: 44



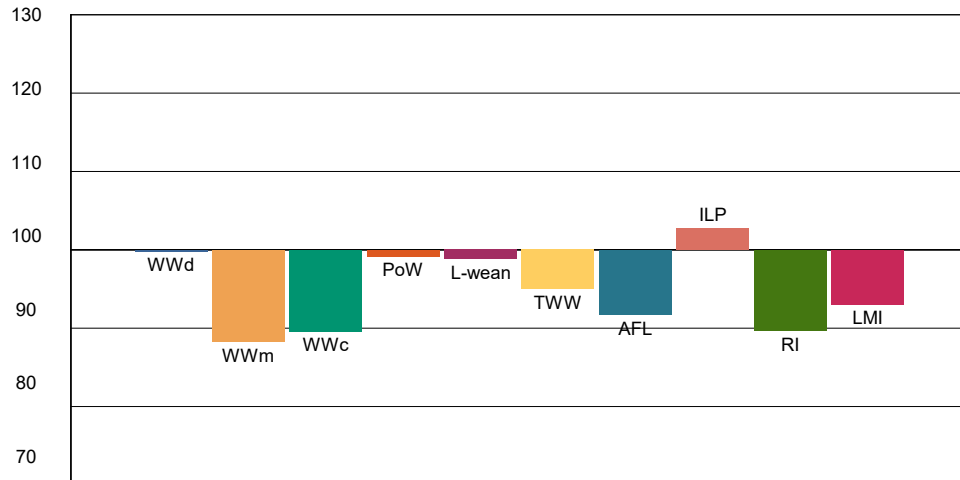
Sires

Number: 10



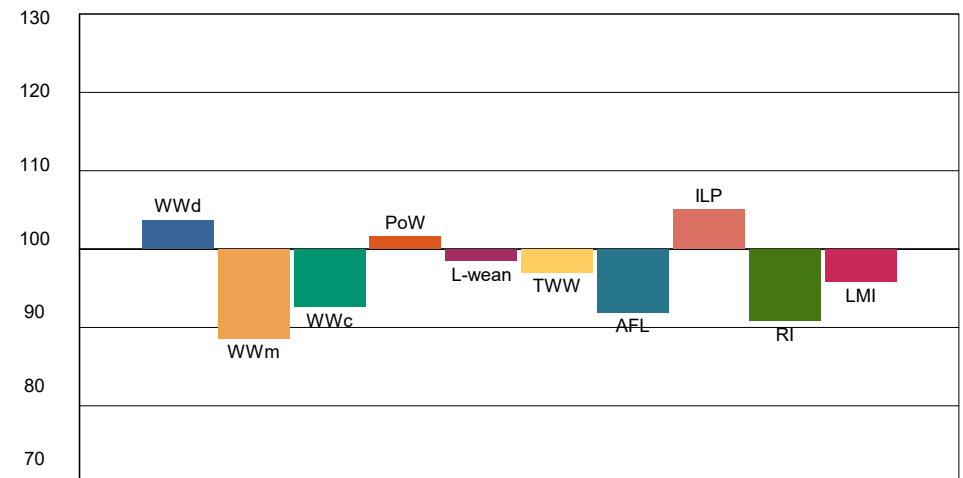
Young Ewes

Number: 71



Young Rams

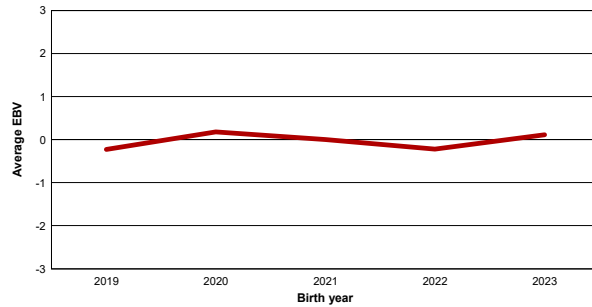
Number: 55



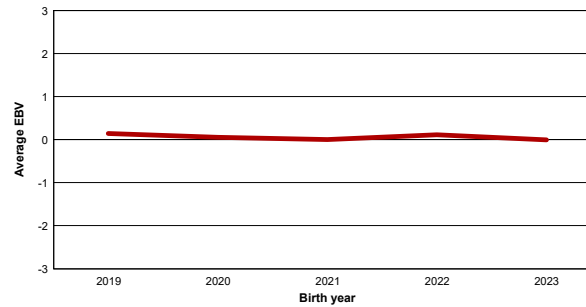
Genetic Trends

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

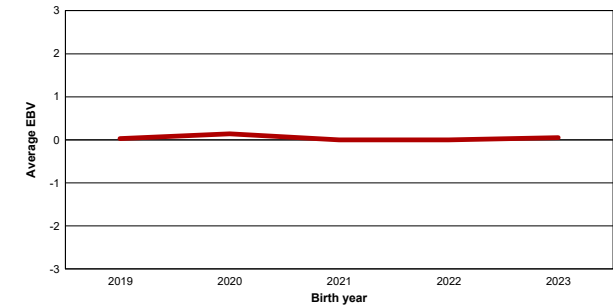
Weaning Weight Direct



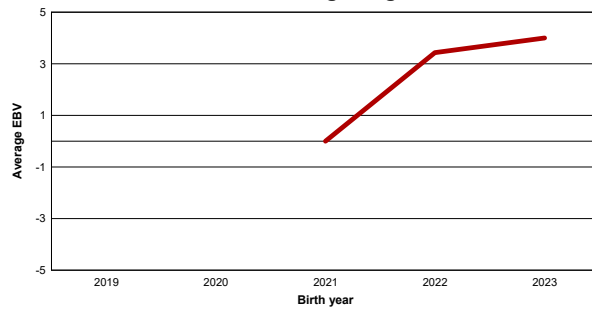
Wean Weight Maternal



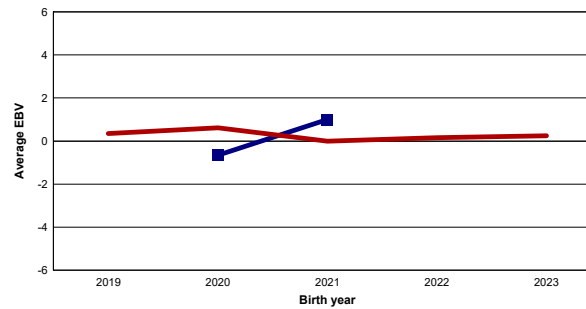
Weaning Weight Combined



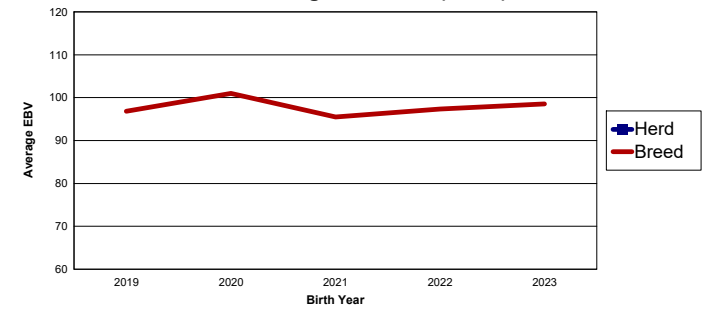
Post-weaning Weight



Number of Lambs Weaned

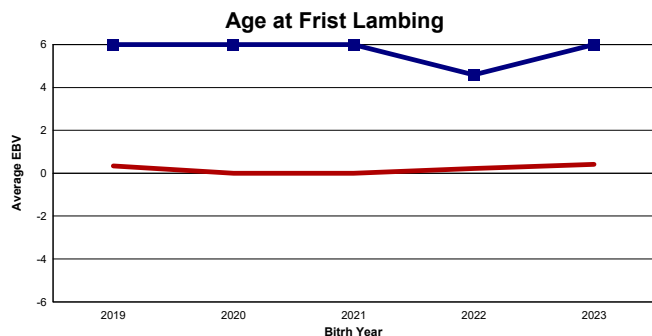


Total Weight Weaned (TWW)

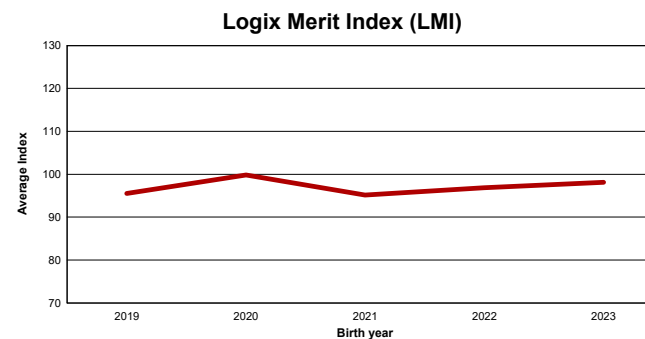
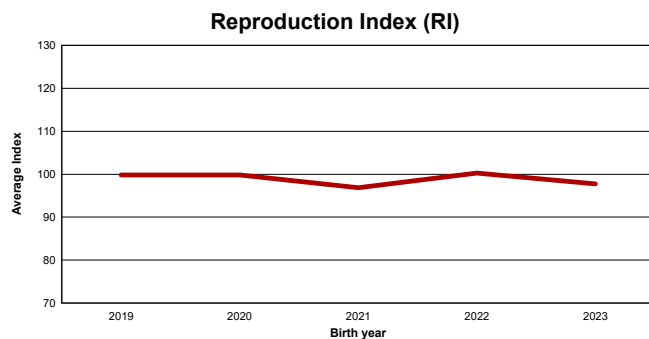
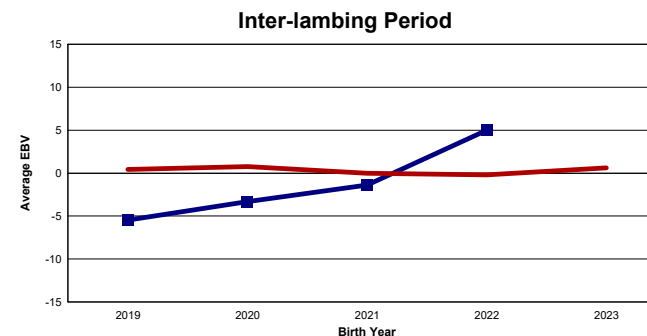


Genetic Trends

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
2019																	
2020																	
2021																	
2022																	
2023																	

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	EPI	Times Lambd	
Active Breed Average:						100	100	0.10	-0.02	0.03	3.97	0.35	0.29	-0.26	0.28					
164 19 0006 89386593	164 17 0008 164 15 0354	2.84	83	82	-0.26 33 94	-0.76 36 81	-0.89 79	3.57 16 96	-0.20 10 96	-1.14 29 87	18.25 44 76	-7.69 24 115			8					
IMPA 20 0068 93345197	17 1 31 9BK 14 0 02 5DJLK	2.84	77	70	0.22 44 101	-0.88 33 79	-0.77 82	4.57 5 103	-2.50 17 82	-2.16 34 80	9.25 40 89	0.38 12 97			1					
100 22 0020 93910008	173 20 0037 100 18 0278	2.76	94	94	-0.02 62 97	0.13 43 101	0.12 99	4.41 18 102	-0.30 17 95	-0.07 44 95	5.39 36 94	0.04 21 98	110	4						
164 23 0057 98605868	100 22 0020 164 21 0003	3.36	92	90	0.04 37 98	-0.10 29 96	-0.08 95	3.69 15 97	0.20 11 98	0.06 28 96	7.81 26 91	1.95 17 93			2					
164 23 0060 98605892	100 22 0020 164 18 0009	2.82	91	90	-0.14 36 96	-0.31 29 91	-0.38 89	4.00 15 99	0.20 10 98	-0.33 27 93	8.17 21 90	-1.53 13 101			6					
164 23 0061 98605900	100 22 0020 164 18 0009	2.82	91	90	-0.14 36 96	-0.31 29 91	-0.38 89	4.00 15 99	0.20 10 98	-0.33 27 93	8.17 21 90	-1.53 13 101			6					
164 23 0062 98605918	100 22 0020 164 21 0046	3.36	92	89	0.04 37 98	-0.10 29 96	-0.08 95	3.69 15 97	0.20 11 98	0.06 28 96	7.28 26 92	2.87 17 91			2					
104 23 0063 96843495	KR30 20 0003 104 19 0064	3.83	108	98	1.35 67 116	-0.30 52 91	0.38 104	5.39 63 108	0.50 27 100	1.35 52 106	3.37 39 97	-6.00 21 111	126	7						
164 23 0063 98605926	20 0 06 8DJLK 164 20 0019	2.84	82	77	0.04 24 98	-0.73 20 82	-0.72 83	4.13 6 100	-1.20 9 90	-1.42 19 85	12.68 27 84	-2.82 11 104			4					
164 23 0064 98605934	20 0 06 8DJLK 164 20 0019	2.84	82	77	0.04 24 98	-0.73 20 82	-0.72 83	4.13 6 100	-1.20 9 90	-1.42 19 85	12.68 27 84	-2.82 11 104			4					
164 23 0071 98606007	164 19 0006 164 18 0111	2.67	91	89	-0.11 16 96	-0.51 18 86	-0.57 85	3.82 8 98	0.30 5 99	-0.45 14 92	6.61 25 93	-2.40 12 103			7					
164 23 0074 98606031	100 22 0020 164 20 0021	2.73	93	92	-0.05 32 97	-0.18 24 94	-0.20 92	4.10 11 100	0.00 9 97	-0.23 24 94	4.90 25 95	-0.89 14 100			4					
164 23 0075 98606049	164 19 0006 KR62 18 0110	3.34	91	90	-0.15 20 96	-0.41 20 89	-0.48 87	4.04 10 99	0.70 6 101	-0.14 17 95	14.72 26 81	-5.67 15 110			5					
164 23 0076 98606056	164 19 0006 KR62 18 0110	3.34	91	90	-0.15 20 96	-0.41 20 89	-0.48 87	4.04 10 99	0.70 6 101	-0.14 17 95	14.72 26 81	-5.67 15 110			5					
164 23 0078 98606072	100 22 0020 164 21 0007	2.93	92	92	-0.07 32 97	-0.19 23 94	-0.22 92	4.12 10 100	0.00 9 97	-0.26 23 94	8.18 26 90	-2.88 14 104			4					

Rams

Inbreeding in red is high

EBV - Estimated Breeding Value

Indices >=124
Above breed average
Indices <= 76

Acc: Accuracy of the breeding value
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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			Parents			% In-breeding	Logix Merit Index	Reproduction Index	Wean Weight		Post-Wean		Number Weaned	TWW	AFL	ILP	Dam	
Comp no.			Sire	Dam	Dir				Mat	Comb								
					EBV Acc Index				EBV Acc Index	EBV Index	EBV Acc Index	EBV Acc Index					EBV Acc Index	EPI
Active Breed Average:							100	100	0.10	-0.02	0.03	3.97	0.35	0.29	-0.26	0.28		
164 24 0002 110093978			104 23 0063 164 20 0017		2.76	102	96	0.64 35 106	-0.39 27 89	-0.08 95	4.59 32 103	0.40 14 99	0.49 27 99	-1.93 28 104	-2.77 14 104		5	
164 24 0003 110093986			104 23 0063 164 20 0016		2.76	105	98	0.64 35 106	-0.39 27 89	-0.08 95	4.59 32 103	0.40 14 99	0.49 27 99	-13.14 28 120	2.06 14 93		5	
164 24 0004 110090644			104 23 0063 164 18 0008		3.09	99	93	0.63 35 106	-0.38 27 89	-0.07 95	4.63 32 103	0.50 14 100	0.55 27 100	7.14 23 92	-4.17 12 107		5	
164 24 0005 110090651			104 23 0063 164 18 0008		3.09	99	93	0.63 35 106	-0.38 27 89	-0.07 95	4.63 32 103	0.50 14 100	0.55 27 100	7.14 23 92	-4.17 12 107		5	
164 24 0006 110090669			104 23 0063 164 15 0354		3.52	96	90	0.57 38 105	-0.49 32 87	-0.20 92	4.54 33 103	0.30 14 99	0.26 30 98	9.31 25 89	-4.52 14 108		8	
164 24 0011 110090693			104 23 0063 AH 20 0192		4.61	103	95	0.75 41 108	-0.29 36 91	0.09 98	3.87 34 98	1.30 16 105	1.24 33 105	-0.68 28 103	2.98 17 91	104	3	
164 24 0013 110094307			104 23 0063 161 21 0041		2.64	99	91	0.68 41 107	-0.60 31 85	-0.26 91	4.85 31 105	0.60 14 101	0.44 31 99	6.20 26 93	-4.17 13 107		1	
164 24 0015 110090719			104 23 0063 176 21 0040		2.71	99	93	0.50 37 105	-0.53 32 86	-0.28 91	4.60 31 103	0.70 14 101	0.39 30 99	2.07 20 99	-2.51 11 103	101	3	
164 24 0018 110090743			164 19 0006 164 20 0015		15.39	82	81	-0.18 19 95	-0.64 21 84	-0.74 82	3.67 10 97	0.10 6 98	-0.77 17 90	26.29 29 65	-8.40 16 116		4	
164 24 0021 110090776			164 19 0006 164 19 0009		15.39	83	82	-0.21 22 95	-0.68 24 83	-0.78 81	3.65 10 97	0.00 7 97	-0.89 19 89	21.11 26 73	-7.82 15 115		5	
164 24 0022 110090784			164 19 0006 164 19 0009		15.39	83	82	-0.21 22 95	-0.68 24 83	-0.78 81	3.65 10 97	0.00 7 97	-0.89 19 89	21.11 26 73	-7.82 15 115		5	
164 24 0027 110094018			104 23 0063 164 22 0053		3.55	97	90	0.74 35 108	-0.44 27 88	-0.07 95	4.85 31 105	-0.20 14 96	0.19 27 97	4.06 23 96	-2.81 11 104		1	
164 24 0028 110090818			104 23 0063 164 21 0039		3.41	94	89	0.57 35 106	-0.49 28 87	-0.20 92	4.52 32 103	0.20 14 98	0.20 27 97	17.70 28 77	-9.05 14 118		2	
164 24 0031 110090842			104 23 0063 164 23 0031		3.04	95	89	0.54 35 105	-0.55 28 86	-0.28 91	4.46 32 102	0.00 14 97	-0.01 27 96	5.72 29 94	-4.11 13 107		1	
164 24 0032 110090859			104 23 0063 164 18 0111		2.67	103	97	0.70 34 107	-0.28 26 92	0.07 98	4.73 31 104	0.70 14 101	0.83 26 102	-0.83 23 103	-1.56 11 101		7	

Rams

Inbreeding in red is high

EBV - Estimated Breeding Value

Indices >=124
Above breed average
Indices <= 76

Acc: Accuracy of the breeding value
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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			Parents			% In-breeding	Logix Merit Index	Reproduction Index	Wean Weight		Post-Wean	Number Weaned	TWW	AFL	ILP	Dam
Comp no.			Sire	Dam					Dir	Mat	Comb					
									EBV	EBV	EBV	EBV	EBV	EBV	EBV	EPI
									Acc Index	Acc Index	Acc Index	Acc Index	Acc Index	Acc Index	Acc Index	Times Lambded
Active Breed Average:							100	100	0.10	-0.02	0.03	3.97	0.35	0.29	-0.26	0.28
164 24 0033	104 23 0063	164 18 0111	2.67	103	97	0.70	-0.28	0.07	4.73	0.70	0.83	-0.83	-1.56			7
110090867						34 107	26 92	98	31 104	14 101	26 102	23 103	11 101			
164 24 0034	104 23 0063	164 23 0036	4.08	99	91	0.73	-0.32	0.05	4.18	0.60	0.77	5.88	-0.39			1
110090875						39 108	33 91	97	34 100	15 101	31 101	31 94	16 98			
164 24 0036	104 23 0063	164 18 0110	2.67	103	96	0.70	-0.28	0.07	4.73	0.70	0.83	2.06	-2.51			6
110090891						34 107	26 92	98	31 104	14 101	26 102	20 99	11 103			
164 24 0037	104 23 0063	164 18 0110	2.67	103	96	0.70	-0.28	0.07	4.73	0.70	0.83	2.06	-2.51			6
110090909						34 107	26 92	98	31 104	14 101	26 102	20 99	11 103			
164 24 0038	104 23 0063	164 20 0027	2.76	99	93	0.64	-0.39	-0.08	4.59	0.40	0.49	5.59	-4.42			4
110090917						35 106	27 89	95	32 103	14 99	27 99	23 94	12 107			
164 24 0040	104 23 0063	164 22 0037	4.55	100	92	0.78	-0.23	0.16	4.27	0.80	1.03	7.95	-0.50			2
110090933						39 108	32 93	99	33 101	15 102	31 103	26 91	16 99			
164 24 0041	104 23 0063	164 22 0037	4.55	100	92	0.78	-0.23	0.16	4.27	0.80	1.03	7.95	-0.50			2
110090941						39 108	32 93	99	33 101	15 102	31 103	26 91	16 99			
164 24 0042	104 23 0063	164 23 0046	3.40	97	92	0.58	-0.44	-0.15	4.59	0.40	0.39	11.85	-7.12			1
110090958						35 106	28 88	94	32 103	14 99	27 99	25 85	13 113			
164 24 0043	104 23 0063	164 23 0046	3.40	97	92	0.58	-0.44	-0.15	4.59	0.40	0.39	11.85	-7.12			1
110090966						35 106	28 88	94	32 103	14 99	27 99	25 85	13 113			
164 24 0044	104 23 0063	164 23 0028	3.47	96	89	0.70	-0.50	-0.15	4.79	-0.30	0.03	6.37	-4.03			1
110090974						36 107	27 87	94	31 104	14 95	27 96	29 93	12 107			
164 24 0046	104 23 0063	164 23 0028	3.47	96	89	0.70	-0.50	-0.15	4.79	-0.30	0.03	6.37	-4.03			1
110090990						36 107	27 87	94	31 104	14 95	27 96	29 93	12 107			
164 24 0048	104 23 0063	164 23 0020	3.07	98	93	0.62	-0.42	-0.11	4.57	0.40	0.44	8.04	-5.43			1
110091014						34 106	27 89	94	32 103	14 99	27 99	28 91	12 110			
164 24 0050	104 23 0063	164 21 0007	3.35	99	94	0.62	-0.41	-0.10	4.60	0.40	0.46	7.17	-5.90			4
110091030						35 106	27 89	95	32 103	14 99	27 99	27 92	14 111			
164 24 0051	104 23 0063	164 21 0007	3.35	99	94	0.62	-0.41	-0.10	4.60	0.40	0.46	7.17	-5.90			4
110091048						35 106	27 89	95	32 103	14 99	27 99	27 92	14 111			
164 24 0052	104 23 0063	164 22 0036	4.55	100	92	0.78	-0.23	0.16	4.27	0.80	1.03	8.19	-0.92			1
110094026						39 108	32 93	99	33 101	15 102	31 103	26 90	16 100			

Rams

Inbreeding in red is high

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Indices >=124
Above breed average
Indices <= 76

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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	Mat								Comb
							EBV	EBV	EBV	EBV	EBV	EBV	EBV	EBV	EBV	EPI	Times	
							Acc Index	Acc Index	Index	Acc Index	Acc Index	Acc Index	Acc Index	Acc Index	Acc Index	EPI	Lambd	
Active Breed Average:							100	100	0.10	-0.02	0.03	3.97	0.35	0.29	-0.26	0.28		
164 24 0055 110091063	104 23 0063 164 21 0012	3.35	99	94	0.62 35 106	-0.41 27 89	-0.10 95	4.60 32 103	0.40 14 99	0.46 27 99	6.46 29 93	-5.26 14 109				3		
164 24 0056 110091071	104 23 0063 164 21 0012	3.35	99	94	0.62 35 106	-0.41 27 89	-0.10 95	4.60 32 103	0.40 14 99	0.46 27 99	6.46 29 93	-5.26 14 109				3		
164 24 0057 110091089	104 23 0063 164 20 0017	2.76	102	96	0.64 35 106	-0.39 27 89	-0.08 95	4.59 32 103	0.40 14 99	0.49 27 99	-1.93 28 104	-2.77 14 104				5		
164 24 0060 110091113	104 23 0063 164 23 0039	3.55	97	90	0.74 35 108	-0.44 27 88	-0.07 95	4.85 31 105	-0.20 14 96	0.19 27 97	5.15 28 95	-3.17 11 105				1		
164 24 0062 110091139	104 23 0063 164 23 0009	2.92	99	93	0.62 35 106	-0.41 27 89	-0.10 95	4.60 32 103	0.40 14 99	0.46 27 99	5.87 23 94	-4.51 12 108				1		
164 24 0063 110805025	104 23 0063 161 23 0039	4.03	105	98	0.62 47 106	-0.47 35 87	-0.16 93	4.27 33 101	1.20 17 104	0.87 35 102	-3.21 29 106	-2.25 15 103				1		
164 24 0064 110805033	104 23 0063 161 23 0039	4.03	105	98	0.62 47 106	-0.47 35 87	-0.16 93	4.27 33 101	1.20 17 104	0.87 35 102	-3.21 29 106	-2.25 15 103				1		
164 24 0065 110091147	104 23 0063 164 23 0038	3.55	98	90	0.74 35 108	-0.44 27 88	-0.07 95	4.85 31 105	-0.20 14 96	0.19 27 97	2.98 27 98	-2.45 11 103				1		
164 24 0069 110091188	104 23 0063 164 23 0013	2.97	97	92	0.59 35 106	-0.46 28 88	-0.17 93	4.54 32 103	0.30 14 99	0.31 27 98	8.20 23 90	-5.63 13 110				1		
164 24 0070 110091196	104 23 0063 164 23 0013	2.97	97	92	0.59 35 106	-0.46 28 88	-0.17 93	4.54 32 103	0.30 14 99	0.31 27 98	8.20 23 90	-5.63 13 110				1		
Ram Flock Average: Number of rams in the flock: 55							96	91	0.44	-0.41	-0.19	4.39	0.26	0.18	7.02	-3.37		

Ewes

Inbreeding in red is high

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Indices >=124
Above breed average
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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	Post-Wean	Number Weaned	TWW	AFL	ILP	Phenotype			
									Dir	Mat									EBV	EBV
								EBV Acc Index	EBV Acc Index	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			
164 18 0008 89386650	- 164	- 15	- 0354	2.67	90	87	-0.09 17 96	-0.47 18 87	-0.52 86	3.88 10 98	0.40 5 99	-0.32 14 93	10.92 23 87	-2.34 11 103		5				
164 18 0009 89386643	- 164	- 15	- 0354	2.67	87	85	-0.26 38 94	-0.76 40 81	-0.89 79	3.58 25 96	0.60 10 101	-0.66 32 91	10.95 20 87	-3.10 16 104		6				
KR62 18 0110 91262451	KR62 KR62	16 16	0011 0008	4.46	99	98	-0.04 23 97	-0.06 17 96	-0.08 95	4.51 11 102	1.50 6 106	0.81 17 102	11.18 27 86	-3.65 16 106		5				
164 19 0007 89386890	164 164	17 15	0008 0354	2.84	77	76	-0.34 34 93	-0.93 36 77	-1.10 75	3.37 20 95	-1.00 11 91	-1.87 29 82	12.83 37 84	-3.02 18 104		5				
164 19 0009 89386908	164 164	17 16	0008 0060	2.84	84	82	-0.16 29 96	-0.59 32 85	-0.67 83	3.74 12 97	0.10 10 98	-0.69 26 91	23.97 29 69	-7.95 18 115		5				
164 20 0008 91441451	164 KR62	17 18	0008 0110	2.84	92	91	-0.11 21 96	-0.39 21 89	-0.44 88	4.02 13 99	0.70 6 101	-0.08 18 95	13.03 27 84	-5.15 15 109		0				
164 20 0015 90942590	164 164	17 16	0008 0060	2.84	85	83	-0.10 19 96	-0.52 20 86	-0.58 85	3.78 12 98	0.30 6 99	-0.45 16 92	34.34 39 64	-9.11 19 118		4				
164 20 0016 90942616	164 164	17 18	0008 0016	2.67	100	96	-0.08 18 97	-0.49 19 87	-0.53 86	3.79 12 98	0.40 6 99	-0.33 16 93	-29.66 40 136	10.11 19 75		5				
164 20 0017 90942632	164 164	17 18	0008 0016	2.67	96	95	-0.08 18 97	-0.49 19 87	-0.53 86	3.79 12 98	0.40 6 99	-0.33 16 93	-7.23 40 112	0.46 19 97		5				
164 20 0019 90942657	164 164	17 18	0008 0008	2.76	87	85	-0.14 20 96	-0.59 21 85	-0.66 84	3.70 13 97	0.20 6 98	-0.61 17 91	16.11 36 79	-6.01 19 111		4				
164 20 0021 90955196	164 164	17 18	0008 0015	2.67	92	90	-0.08 18 97	-0.49 19 87	-0.53 86	3.79 12 98	0.40 6 99	-0.33 16 93	4.40 35 96	-1.83 19 102		4				
164 20 0027 90942798	164 164	17 18	0008 0110	2.67	91	89	-0.08 18 97	-0.49 19 87	-0.53 86	3.79 12 98	0.40 6 99	-0.33 16 93	7.82 23 91	-2.83 13 104		4				
AH 20 0192 93547347	AH AH	16 15	0072 0017	19.56	99	92	0.15 48 100	-0.28 50 92	-0.21 92	2.36 24 88	2.10 18 109	1.13 42 104	-4.73 41 108	11.95 26 71	104	3				
164 21 0003 90942970	AH 164	16 15	0072 0354	3.21	90	85	0.11 41 99	-0.33 40 90	-0.28 91	2.97 24 92	0.70 13 101	0.19 34 97	10.24 38 88	3.86 26 89		2				

Ewes

Inbreeding in red is high

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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	Mat								Comb	Dir	
			Active Breed Average:																	
164 21 0007 90943077			164 19 0006 164 15 0142	3.02		90	90	-0.11 16 96	-0.51 18 86	-0.57 85	3.82 8 98	0.30 5 99	-0.45 14 92	10.97 38 87	-5.79 19 110		4			
164 21 0012 90952391			164 19 0006 164 15 0115	3.02		90	89	-0.11 16 96	-0.51 18 86	-0.57 85	3.82 8 98	0.30 5 99	-0.45 14 92	9.54 42 89	-4.52 18 108		3			
161 21 0016 91613521			AH 19 0160 104 19 0048	2.64		92	94	-0.66 60 89	-0.33 52 90	-0.66 84	3.85 19 98	1.80 13 108	0.09 46 96	17.47 42 78	-5.98 24 111	100	2			
164 21 0037 92622802			164 19 0006 164 20 0007	15.23		86	86	-0.19 20 95	-0.58 21 85	-0.67 83	3.79 10 98	0.30 6 99	-0.58 17 91	20.32 30 74	-8.23 16 116		1			
164 21 0039 92622828			164 19 0006 164 19 0009	15.39		82	83	-0.21 22 95	-0.68 24 83	-0.78 81	3.65 10 97	0.00 7 97	-0.89 19 89	32.02 39 64	-12.09 19 124		2			
161 21 0041 91613489			AH 19 0160 161 19 0006	2.64		90	84	0.00 47 98	-0.90 33 78	-0.90 79	4.31 5 101	0.80 6 102	-0.42 32 93	9.04 34 89	-2.34 14 103		1			
164 21 0046 92622893			AH 16 0072 164 15 0354	3.21		90	84	0.11 41 99	-0.33 40 90	-0.28 91	2.97 24 92	0.70 13 101	0.19 34 97	9.18 38 89	5.70 26 85		2			
161 21 0122 91613141			AH 19 0160 133 18 0013	2.64		92	86	-0.12 53 96	-1.06 47 74	-1.13 75	4.23 5 101	1.70 15 107	-0.17 42 94	14.59 46 82	-6.52 21 112	102	3			
164 22 0036 95785556			AH 16 0072 164 16 0060	4.46		92	87	0.21 38 101	-0.17 36 94	-0.06 95	3.14 22 93	1.10 12 104	0.70 31 101	13.01 35 84	4.16 23 88		1			
164 22 0037 95785564			AH 16 0072 164 16 0060	4.46		92	87	0.21 38 101	-0.17 36 94	-0.06 95	3.14 22 93	1.10 12 104	0.70 31 101	12.53 35 84	5.00 25 87		2			
164 22 0053 95785721			20 0 06 8DJLK 164 15 0115	3.02		87	83	0.13 22 99	-0.57 17 85	-0.51 87	4.32 5 101	-0.80 9 92	-0.92 17 89	4.75 26 95	0.38 7 97		1			
161 22 0156 94822111			161 21 0075 176 21 0040	2.71		80	89	-1.00 40 84	-0.06 35 96	-0.56 86	2.12 22 86	-1.50 19 88	-1.96 33 81	-7.78 26 112	6.62 19 83		1			
164 23 0039 98605694			20 0 06 8DJLK 164 15 0115	3.02		87	82	0.13 22 99	-0.57 17 85	-0.51 87	4.32 5 101	-0.80 9 92	-0.92 17 89	6.94 40 92	-0.34 7 98		1			
161 23 0039 97029052			AH 19 0160 104 19 0111	2.64		101	99	-0.12 66 96	-0.64 47 84	-0.70 83	3.14 22 93	1.90 21 108	0.39 48 99	-9.79 42 115	1.51 21 94		1			

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	
									EBV Acc Index	EBV Acc Index	EBV 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								
164 23 0046 98605769			164 19 0006 164 20 0007	15.23	86	86	-0.19 20 95	-0.58 21 85	-0.67 83	3.79 10 98	0.30 6 99	-0.58 17 91	20.32 30 74	-8.24 16 116	1									
164 23 0056 98605850			100 22 0020 164 22 0037	3.68	93	90	0.09 36 99	-0.02 28 97	0.03 97	3.78 14 98	0.40 10 99	0.32 27 98	8.96 25 89	2.52 16 92	0									
164 23 0058 98605876			100 22 0020 164 21 0003	3.36	92	90	0.04 37 98	-0.10 29 96	-0.08 95	3.69 15 97	0.20 11 98	0.06 28 96	7.81 26 91	1.95 17 93	0									
164 23 0059 98605884			100 22 0020 164 21 0003	3.36	92	90	0.04 37 98	-0.10 29 96	-0.08 95	3.69 15 97	0.20 11 98	0.06 28 96	7.81 26 91	1.95 17 93	0									
164 23 0065 98605942			20 0 06 8DJLK 164 20 0019	2.84	82	77	0.04 24 98	-0.73 20 82	-0.72 83	4.13 6 100	-1.20 9 90	-1.42 19 85	12.68 27 84	-2.82 11 104	0									
164 23 0066 98605959			100 22 0020 164 20 0027	2.73	92	92	-0.05 32 97	-0.18 24 94	-0.20 92	4.10 11 100	0.00 9 97	-0.23 24 94	6.60 22 93	-1.40 12 101	0									
164 23 0067 98605967			100 22 0020 164 20 0027	2.73	92	92	-0.05 32 97	-0.18 24 94	-0.20 92	4.10 11 100	0.00 9 97	-0.23 24 94	6.60 22 93	-1.40 12 101	0									
164 23 0068 98605975			100 22 0020 164 15 0142	2.98	96	95	0.01 31 98	-0.07 22 96	-0.06 95	4.24 9 101	0.30 8 99	0.12 22 97	2.68 22 98	-0.22 12 98	0									
164 23 0069 98605983			100 22 0020 164 15 0142	2.98	96	95	0.01 31 98	-0.07 22 96	-0.06 95	4.24 9 101	0.30 8 99	0.12 22 97	2.68 22 98	-0.22 12 98	0									
164 23 0070 98605991			164 19 0006 164 18 0111	2.67	91	89	-0.11 16 96	-0.51 18 86	-0.57 85	3.82 8 98	0.30 5 99	-0.45 14 92	6.61 25 93	-2.40 12 103	0									
164 23 0072 98606015			100 22 0020 164 21 0039	3.05	87	87	-0.11 33 96	-0.27 25 92	-0.33 90	4.03 10 99	-0.20 9 96	-0.51 24 92	18.71 27 76	-6.03 14 111	0									
164 23 0073 98606023			100 22 0020 164 20 0021	2.73	93	92	-0.05 32 97	-0.18 24 94	-0.20 92	4.10 11 100	0.00 9 97	-0.23 24 94	4.90 25 95	-0.89 14 100	0									
164 23 0077 98606064			100 22 0020 164 21 0007	2.93	92	92	-0.07 32 97	-0.19 23 94	-0.22 92	4.12 10 100	0.00 9 97	-0.26 23 94	8.18 26 90	-2.88 14 104	0									
161 23 0099 97027874			AH 19 0160 104 19 0115	2.64	76	86	-1.06 65 83	-0.42 47 89	-0.95 78	3.73 22 97	-1.80 20 86	-2.56 48 77	11.98 42 85	-8.88 21 117	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						
164 24 0001 110093960	104 23 0063 164 20 0017	2.76		96	0.64 35 106	-0.39 27 89	-0.08 95	4.59 32 103	0.40 14 99	0.49 27 99	-1.93 28 104	-2.77 14 104	0									
164 24 0007 110090677	104 23 0063 161 22 0156	3.30	94	93	0.18 39 100	-0.18 31 94	-0.09 95	3.76 33 97	-0.50 16 94	-0.30 31 93	-2.20 23 105	0.31 14 97	0									
164 24 0010 110090685	104 23 0063 AH 20 0192	4.61	103	95	0.75 41 108	-0.29 36 91	0.09 98	3.87 34 98	1.30 16 105	1.24 33 105	-0.68 28 103	2.98 17 91	0									
164 24 0012 110094299	104 23 0063 161 21 0041	2.64	99	91	0.68 41 107	-0.60 31 85	-0.26 91	4.85 31 105	0.60 14 101	0.44 31 99	6.20 26 93	-4.17 13 107	0									
164 24 0014 110090701	104 23 0063 176 21 0040	2.71	99	93	0.50 37 105	-0.53 32 86	-0.28 91	4.60 31 103	0.70 14 101	0.39 30 99	2.07 20 99	-2.51 11 103	0									
164 24 0016 110090727	164 19 0006 164 20 0015	15.39	82	81	-0.18 19 95	-0.64 21 84	-0.74 82	3.67 10 97	0.10 6 98	-0.77 17 90	26.29 29 65	-8.40 16 116	0									
164 24 0017 110090735	164 19 0006 164 20 0015	15.39	82	81	-0.18 19 95	-0.64 21 84	-0.74 82	3.67 10 97	0.10 6 98	-0.77 17 90	26.29 29 65	-8.40 16 116	0									
164 24 0019 110090750	104 23 0063 164 19 0007	3.18	93	87	0.51 38 105	-0.62 32 84	-0.36 89	4.38 33 102	-0.20 15 96	-0.23 30 94	8.10 27 91	-4.51 14 108	0									
164 24 0020 110090768	104 23 0063 164 19 0007	3.18	93	87	0.51 38 105	-0.62 32 84	-0.36 89	4.38 33 102	-0.20 15 96	-0.23 30 94	8.10 27 91	-4.51 14 108	0									
164 24 0023 110094000	104 23 0063 164 21 0037	3.40	97	92	0.58 35 106	-0.44 28 88	-0.15 94	4.59 32 103	0.40 14 99	0.39 27 99	11.85 25 85	-7.12 13 113	0									
164 24 0024 110090792	104 23 0063 164 23 0010	2.92	99	93	0.62 35 106	-0.41 27 89	-0.10 95	4.60 32 103	0.40 14 99	0.46 27 99	5.87 23 94	-4.51 12 108	0									
164 24 0025 110090800	104 23 0063 164 23 0010	2.92	99	93	0.62 35 106	-0.41 27 89	-0.10 95	4.60 32 103	0.40 14 99	0.46 27 99	5.87 23 94	-4.51 12 108	0									
164 24 0026 110094042	104 23 0063 164 22 0053	3.55	97	90	0.74 35 108	-0.44 27 88	-0.07 95	4.85 31 105	-0.20 14 96	0.19 27 97	4.06 23 96	-2.81 11 104	0									
164 24 0029 110090826	104 23 0063 164 20 0016	2.76	105	98	0.64 35 106	-0.39 27 89	-0.08 95	4.59 32 103	0.40 14 99	0.49 27 99	-13.14 28 120	2.06 14 93	0									

Ewes

Inbreeding in red is high

EBV - Estimated Breeding Value

Indices >=124
Above breed average
Indices <= 76

Acc: Accuracy of the breeding value
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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					
164 24 0030 110090834			104 23 0063 164 20 0016	2.76	105	98	0.64 35 106	-0.39 27 89	-0.08 95	4.59 32 103	0.40 14 99	0.49 27 99	-13.14 28 120	2.06 14 93	0						
164 24 0035 110090883			104 23 0063 164 23 0036	4.08	99	91	0.73 39 108	-0.32 33 91	0.05 97	4.18 34 100	0.60 15 101	0.77 31 101	5.88 31 94	-0.39 16 98	0						
164 24 0039 110090925			104 23 0063 164 20 0027	2.76	99	93	0.64 35 106	-0.39 27 89	-0.08 95	4.59 32 103	0.40 14 99	0.49 27 99	5.59 23 94	-4.42 12 107	0						
164 24 0045 110090982			104 23 0063 164 23 0028	3.47	96	89	0.70 36 107	-0.50 27 87	-0.15 94	4.79 31 104	-0.30 14 95	0.03 27 96	6.37 29 93	-4.03 12 107	0						
164 24 0047 110091006			104 23 0063 164 23 0020	3.07	98	93	0.62 34 106	-0.42 27 89	-0.11 94	4.57 32 103	0.40 14 99	0.44 27 99	8.04 28 91	-5.43 12 110	0						
164 24 0049 110091022			104 23 0063 164 21 0007	3.35	99	94	0.62 35 106	-0.41 27 89	-0.10 95	4.60 32 103	0.40 14 99	0.46 27 99	7.17 27 92	-5.90 14 111	0						
164 24 0053 110094034			104 23 0063 164 22 0036	4.55	100	92	0.78 39 108	-0.23 32 93	0.16 99	4.27 33 101	0.80 15 102	1.03 31 103	8.19 26 90	-0.92 16 100	0						
164 24 0054 110091055			104 23 0063 164 21 0012	3.35	99	94	0.62 35 106	-0.41 27 89	-0.10 95	4.60 32 103	0.40 14 99	0.46 27 99	6.46 29 93	-5.26 14 109	0						
164 24 0058 110091097			104 23 0063 164 20 0017	2.76	102	96	0.64 35 106	-0.39 27 89	-0.08 95	4.59 32 103	0.40 14 99	0.49 27 99	-1.93 28 104	-2.77 14 104	0						
164 24 0059 110091105			104 23 0063 164 23 0039	3.55	97	90	0.74 35 108	-0.44 27 88	-0.07 95	4.85 31 105	-0.20 14 96	0.19 27 97	5.15 28 95	-3.17 11 105	0						
164 24 0061 110091121			104 23 0063 164 23 0009	2.92	99	93	0.62 35 106	-0.41 27 89	-0.10 95	4.60 32 103	0.40 14 99	0.46 27 99	5.87 23 94	-4.51 12 108	0						
164 24 0066 110091154			104 23 0063 164 23 0038	3.55	98	90	0.74 35 108	-0.44 27 88	-0.07 95	4.85 31 105	-0.20 14 96	0.19 27 97	2.98 27 98	-2.45 11 103	0						
164 24 0067 110091162			104 23 0063 164 23 0018	3.40	99	94	0.63 34 106	-0.37 27 90	-0.05 95	4.65 32 103	0.50 14 100	0.56 27 100	8.59 26 90	-5.77 12 110	0						
164 24 0068 110091170			104 23 0063 164 23 0018	3.40	99	94	0.63 34 106	-0.37 27 90	-0.05 95	4.65 32 103	0.50 14 100	0.56 27 100	8.59 26 90	-5.77 12 110	0						

Ewe flock average:
Total ewes in flock: 70

93

90

0.16

-0.43

-0.35

4.04

0.31

-0.09

7.28

-2.33

Sires Used in Flock

*Inbreeding in red is high

EBV - Estimated Breeding Value

Indices >=124
Above breed average
Indices <= 76

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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		Comb EBV Index	Post-Wean EBV Acc Index	Number Weaned EBV Acc Index	TWW		AFL		ILP		DAM	
			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	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 16 0011 90952128	3.69	KR62 14 0002 KR62 12 0205				106	106	-0.11 45 96	0.15 35 101	0.10 98	4.95 22 105	2.20 11 110	1.36 33 106	6.91 42 92	-3.99 27 106			1		
2	AH 16 0072 80875297	18.27	AH 12 0191 AH 11 0011	13	3		96	88	0.43 74 104	0.01 71 98	0.22 101	2.25 44 87	1.50 25 106	1.34 62 106	4.17 68 96	12.61 44 70			2		
3	164 17 0008 89386676	2.84		1	1										14.88 46 81	-6.65 25 112					
4	IMPA 17 7 131 90639360	2.84																			
5	164 19 0006 89386593	2.84	164 17 0008 164 15 0354	2	1		83	82	-0.26 33 94	-0.76 36 81	-0.89 79	3.57 16 96	-0.20 10 96	-1.14 29 87	18.25 44 76	-7.69 24 115			8		
6	AH 19 0160 90590456	2.64	126	1	10	1	83	73	-0.03 93 97	-1.54 66 64	-1.56 66	4.56 5 103	0.70 12 101	-1.15 64 87	17.31 67 78	-5.67 27 110					
7	KR30 20 0003 92104645	4.46	KR30 16 0091 KR30 15 0090	138	2	13	3	119	90	2.81 94 136	-0.87 73 79	0.54 107	7.51 85 122	1.60 28 106	2.90 71 117	3.51 57 97	-2.25 25 103			3	
8	173 20 0037 91090613	2.67	173 18 0001 173 17 0002	57	3	3	2	94	98	-0.27 87 94	0.29 55 104	0.16 99	4.66 27 103	-0.20 16 96	-0.10 58 95	5.91 47 94	-2.05 25 102			2	
9	IMPA 20 0068 93345197	2.84	17 1 31 9BK 14 0 02 5DJLk	4	1	3	1	77	70	0.22 44 101	-0.88 33 79	-0.77 82	4.57 5 103	-2.50 17 82	-2.16 34 80	9.25 40 89	0.38 12 97			1	
10	161 21 0075 91715672	3.09	KR62 17 0777 159 20 0040	14	1		69	89	-1.65 73 75	0.63 58 112	-0.19 93	0.43 44 75	-3.90 38 74	-3.36 59 71	-16.32 51 124	12.25 38 70	85			4	
11	100 22 0020 93910008	2.76	173 20 0037 100 18 0278				94	94	-0.02 62 97	0.13 43 101	0.12 99	4.41 18 102	-0.30 17 95	-0.07 44 95	5.39 36 94	0.04 21 98	110			4	
12	104 23 0063 96843495	3.83	KR30 20 0003 104 19 0064				108	98	1.35 67 116	-0.30 52 91	0.38 104	5.39 63 108	0.50 27 100	1.35 52 106	3.37 39 97	-6.00 21 111	126			7	
		Sire Flock Average: Number of sires used in the flock: 12				93	89	0.25	-0.31	-0.19	4.23	-0.06	-0.10	6.60	-0.82						

Ram Selection List: LMI

Animals sorted on LMI

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-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	104 23 0063 96843495	3.83	R30 20 0003 104 19 0064		108	98	1.35 67 116	-0.30 52 91	0.38 104	5.39 63 108	0.50 27 100	1.35 52 106	3.37 39 97	-6.00 21 111			
2	164 24 0003 110093986	2.76	104 23 0063 164 20 0016		105	98	0.64 35 106	-0.39 27 89	-0.08 95	4.59 32 103	0.40 14 99	0.49 27 99	-13.14 28 120	2.06 14 93			
3	164 24 0064 110805033	4.03	104 23 0063 161 23 0039		105	98	0.62 47 106	-0.47 35 87	-0.16 93	4.27 33 101	1.20 17 104	0.87 35 102	-3.21 29 106	-2.25 15 103			
4	164 24 0063 110805025	4.03	104 23 0063 161 23 0039		105	98	0.62 47 106	-0.47 35 87	-0.16 93	4.27 33 101	1.20 17 104	0.87 35 102	-3.21 29 106	-2.25 15 103			
5	164 24 0032 110090859	2.67	104 23 0063 164 18 0111		103	97	0.70 34 107	-0.28 26 92	0.07 98	4.73 31 104	0.70 14 101	0.83 26 102	-0.83 23 103	-1.56 11 101			
6	164 24 0011 110090693	4.61	104 23 0063 AH 20 0192		103	95	0.75 41 108	-0.29 36 91	0.09 98	3.87 34 98	1.30 16 105	1.24 33 105	-0.68 28 103	2.98 17 91			
7	164 24 0033 110090867	2.67	104 23 0063 164 18 0111		103	97	0.70 34 107	-0.28 26 92	0.07 98	4.73 31 104	0.70 14 101	0.83 26 102	-0.83 23 103	-1.56 11 101			
8	164 24 0037 110090909	2.67	104 23 0063 164 18 0110		103	96	0.70 34 107	-0.28 26 92	0.07 98	4.73 31 104	0.70 14 101	0.83 26 102	2.06 20 99	-2.51 11 103			
9	164 24 0036 110090891	2.67	104 23 0063 164 18 0110		103	96	0.70 34 107	-0.28 26 92	0.07 98	4.73 31 104	0.70 14 101	0.83 26 102	2.06 20 99	-2.51 11 103			
10	164 24 0002 110093978	2.76	104 23 0063 164 20 0017		102	96	0.64 35 106	-0.39 27 89	-0.08 95	4.59 32 103	0.40 14 99	0.49 27 99	-1.93 28 104	-2.77 14 104			
11	164 24 0057 110091089	2.76	104 23 0063 164 20 0017		102	96	0.64 35 106	-0.39 27 89	-0.08 95	4.59 32 103	0.40 14 99	0.49 27 99	-1.93 28 104	-2.77 14 104			
12	164 24 0052 110094026	4.55	104 23 0063 164 22 0036		100	92	0.78 39 108	-0.23 32 93	0.16 99	4.27 33 101	0.80 15 102	1.03 31 103	8.19 26 90	-0.92 16 100			
13	164 24 0041 110090941	4.55	104 23 0063 164 22 0037		100	92	0.78 39 108	-0.23 32 93	0.16 99	4.27 33 101	0.80 15 102	1.03 31 103	7.95 26 91	-0.50 16 99			
14	164 24 0040 110090933	4.55	104 23 0063 164 22 0037		100	92	0.78 39 108	-0.23 32 93	0.16 99	4.27 33 101	0.80 15 102	1.03 31 103	7.95 26 91	-0.50 16 99			

Ram Selection List: LMI

Animals sorted on LMI

Inbreeding in red is high

EBV - Estimated Breeding Value

Indices >=124
Above breed average
Indices <= 76

Acc: Accuracy of the breeding value
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Index: Expresses the EBV around 100 where 100 is set as the average EBV of active animals

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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	164 24 0015 110090719	2.71	104 23 0063 176 21 0040		99	93	0.50 37 105	-0.53 32 86	-0.28 91	4.60 31 103	0.70 14 101	0.39 30 99	2.07 20 99	-2.51 11 103
16	164 24 0038 110090917	2.76	104 23 0063 164 20 0027		99	93	0.64 35 106	-0.39 27 89	-0.08 95	4.59 32 103	0.40 14 99	0.49 27 99	5.59 23 94	-4.42 12 107
17	164 24 0051 110091048	3.35	104 23 0063 164 21 0007		99	94	0.62 35 106	-0.41 27 89	-0.10 95	4.60 32 103	0.40 14 99	0.46 27 99	7.17 27 92	-5.90 14 111
18	164 24 0056 110091071	3.35	104 23 0063 164 21 0012		99	94	0.62 35 106	-0.41 27 89	-0.10 95	4.60 32 103	0.40 14 99	0.46 27 99	6.46 29 93	-5.26 14 109
19	164 24 0055 110091063	3.35	104 23 0063 164 21 0012		99	94	0.62 35 106	-0.41 27 89	-0.10 95	4.60 32 103	0.40 14 99	0.46 27 99	6.46 29 93	-5.26 14 109
20	164 24 0050 110091030	3.35	104 23 0063 164 21 0007		99	94	0.62 35 106	-0.41 27 89	-0.10 95	4.60 32 103	0.40 14 99	0.46 27 99	7.17 27 92	-5.90 14 111
21	164 24 0004 110090644	3.09	104 23 0063 164 18 0008		99	93	0.63 35 106	-0.38 27 89	-0.07 95	4.63 32 103	0.50 14 100	0.55 27 100	7.14 23 92	-4.17 12 107
22	164 24 0005 110090651	3.09	104 23 0063 164 18 0008		99	93	0.63 35 106	-0.38 27 89	-0.07 95	4.63 32 103	0.50 14 100	0.55 27 100	7.14 23 92	-4.17 12 107
23	164 24 0062 110091139	2.92	104 23 0063 164 23 0009		99	93	0.62 35 106	-0.41 27 89	-0.10 95	4.60 32 103	0.40 14 99	0.46 27 99	5.87 23 94	-4.51 12 108
24	164 24 0013 110094307	2.64	104 23 0063 161 21 0041		99	91	0.68 41 107	-0.60 31 85	-0.26 91	4.85 31 105	0.60 14 101	0.44 31 99	6.20 26 93	-4.17 13 107
25	164 24 0034 110090875	4.08	104 23 0063 164 23 0036		99	91	0.73 39 108	-0.32 33 91	0.05 97	4.18 34 100	0.60 15 101	0.77 31 101	5.88 31 94	-0.39 16 98
26	164 24 0048 110091014	3.07	104 23 0063 164 23 0020		98	93	0.62 34 106	-0.42 27 89	-0.11 94	4.57 32 103	0.40 14 99	0.44 27 99	8.04 28 91	-5.43 12 110
27	164 24 0065 110091147	3.55	104 23 0063 164 23 0038		98	90	0.74 35 108	-0.44 27 88	-0.07 95	4.85 31 105	-0.20 14 96	0.19 27 97	2.98 27 98	-2.45 11 103
28	164 24 0027 110094018	3.55	104 23 0063 164 22 0053		97	90	0.74 35 108	-0.44 27 88	-0.07 95	4.85 31 105	-0.20 14 96	0.19 27 97	4.06 23 96	-2.81 11 104

Ram Selection List: LMI

Animals sorted on LMI

Inbreeding in red is high

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Above breed average
Indices <= 76

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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- 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
29	164 24 0070 110091196	2.97	104 23 0063 164 23 0013		97	92	0.59 35 106	-0.46 28 88	-0.17 93	4.54 32 103	0.30 14 99	0.31 27 98	8.20 23 90	-5.63 13 110
30	164 24 0069 110091188	2.97	104 23 0063 164 23 0013		97	92	0.59 35 106	-0.46 28 88	-0.17 93	4.54 32 103	0.30 14 99	0.31 27 98	8.20 23 90	-5.63 13 110
31	164 24 0043 110090966	3.40	104 23 0063 164 23 0046		97	92	0.58 35 106	-0.44 28 88	-0.15 94	4.59 32 103	0.40 14 99	0.39 27 99	11.85 25 85	-7.12 13 113
32	164 24 0060 110091113	3.55	104 23 0063 164 23 0039		97	90	0.74 35 108	-0.44 27 88	-0.07 95	4.85 31 105	-0.20 14 96	0.19 27 97	5.15 28 95	-3.17 11 105
33	164 24 0042 110090958	3.40	104 23 0063 164 23 0046		97	92	0.58 35 106	-0.44 28 88	-0.15 94	4.59 32 103	0.40 14 99	0.39 27 99	11.85 25 85	-7.12 13 113
34	164 24 0006 110090669	3.52	104 23 0063 164 15 0354		96	90	0.57 38 105	-0.49 32 87	-0.20 92	4.54 33 103	0.30 14 99	0.26 30 98	9.31 25 89	-4.52 14 108
35	164 24 0044 110090974	3.47	104 23 0063 164 23 0028		96	89	0.70 36 107	-0.50 27 87	-0.15 94	4.79 31 104	-0.30 14 95	0.03 27 96	6.37 29 93	-4.03 12 107
36	164 24 0046 110090990	3.47	104 23 0063 164 23 0028		96	89	0.70 36 107	-0.50 27 87	-0.15 94	4.79 31 104	-0.30 14 95	0.03 27 96	6.37 29 93	-4.03 12 107
37	164 24 0031 110090842	3.04	104 23 0063 164 23 0031		95	89	0.54 35 105	-0.55 28 86	-0.28 91	4.46 32 102	0.00 14 97	-0.01 27 96	5.72 29 94	-4.11 13 107
38	164 24 0028 110090818	3.41	104 23 0063 164 21 0039		94	89	0.57 35 106	-0.49 28 87	-0.20 92	4.52 32 103	0.20 14 98	0.20 27 97	17.70 28 77	-9.05 14 118
39	100 22 0020 93910008	2.76	173 20 0037 100 18 0278		94	94	-0.02 62 97	0.13 43 101	0.12 99	4.41 18 102	-0.30 17 95	-0.07 44 95	5.39 36 94	0.04 21 98
40	164 23 0074 98606031	2.73	100 22 0020 164 20 0021		93	92	-0.05 32 97	-0.18 24 94	-0.20 92	4.10 11 100	0.00 9 97	-0.23 24 94	4.90 25 95	-0.89 14 100
41	164 23 0078 98606072	2.93	100 22 0020 164 21 0007		92	92	-0.07 32 97	-0.19 23 94	-0.22 92	4.12 10 100	0.00 9 97	-0.26 23 94	8.18 26 90	-2.88 14 104
42	164 23 0057 98605868	3.36	100 22 0020 164 21 0003		92	90	0.04 37 98	-0.10 29 96	-0.08 95	3.69 15 97	0.20 11 98	0.06 28 96	7.81 26 91	1.95 17 93

Ram Selection List: LMI

Animals sorted on LMI

Inbreeding in red is high

EBV - Estimated Breeding Value

Indices >=124
Above breed average
Indices <= 76

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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		Post-Wean	Number Weaned	TWW	AFL	ILP	
			Progeny Number Weaned	Herds	Progeny Number Weaned	Herds			Dir EBV Acc Index	Mat EBV Acc Index						Comb EBV Index
		Active Breed Average:				100	100	0.10	-0.02	0.03	3.97	0.35	0.29	-0.26	0.28	
43	164 23 0062 98605918	3.36	100 22 0020 164 21 0046				92	89	0.04 37 98	-0.10 29 96	-0.08 95	3.69 15 97	0.20 11 98	0.06 28 96	7.28 26 92	2.87 17 91
44	164 23 0075 98606049	3.34	164 19 0006 R62 18 0110				91	90	-0.15 20 96	-0.41 20 89	-0.48 87	4.04 10 99	0.70 6 101	-0.14 17 95	14.72 26 81	-5.67 15 110
45	164 23 0076 98606056	3.34	164 19 0006 R62 18 0110				91	90	-0.15 20 96	-0.41 20 89	-0.48 87	4.04 10 99	0.70 6 101	-0.14 17 95	14.72 26 81	-5.67 15 110
46	164 23 0061 98605900	2.82	100 22 0020 164 18 0009				91	90	-0.14 36 96	-0.31 29 91	-0.38 89	4.00 15 99	0.20 10 98	-0.33 27 93	8.17 21 90	-1.53 13 101
47	164 23 0071 98606007	2.67	164 19 0006 164 18 0111				91	89	-0.11 16 96	-0.51 18 86	-0.57 85	3.82 8 98	0.30 5 99	-0.45 14 92	6.61 25 93	-2.40 12 103
48	164 23 0060 98605892	2.82	100 22 0020 164 18 0009				91	90	-0.14 36 96	-0.31 29 91	-0.38 89	4.00 15 99	0.20 10 98	-0.33 27 93	8.17 21 90	-1.53 13 101
49	164 24 0022 110090784	15.39	164 19 0006 164 19 0009				83	82	-0.21 22 95	-0.68 24 83	-0.78 81	3.65 10 97	0.00 7 97	-0.89 19 89	21.11 26 73	-7.82 15 115
50	164 24 0021 110090776	15.39	164 19 0006 164 19 0009				83	82	-0.21 22 95	-0.68 24 83	-0.78 81	3.65 10 97	0.00 7 97	-0.89 19 89	21.11 26 73	-7.82 15 115
51	164 19 0006 89386593	2.84	164 17 0008 164 15 0354		2	1	83	82	-0.26 33 94	-0.76 36 81	-0.89 79	3.57 16 96	-0.20 10 96	-1.14 29 87	18.25 44 76	-7.69 24 115
52	164 24 0018 110090743	15.39	164 19 0006 164 20 0015				82	81	-0.18 19 95	-0.64 21 84	-0.74 82	3.67 10 97	0.10 6 98	-0.77 17 90	26.29 29 65	-8.40 16 116
53	164 23 0063 98605926	2.84	20 0 06 DJLK 164 20 0019				82	77	0.04 24 98	-0.73 20 82	-0.72 83	4.13 6 100	-1.20 9 90	-1.42 19 85	12.68 27 84	-2.82 11 104
54	164 23 0064 98605934	2.84	20 0 06 DJLK 164 20 0019				82	77	0.04 24 98	-0.73 20 82	-0.72 83	4.13 6 100	-1.20 9 90	-1.42 19 85	12.68 27 84	-2.82 11 104
55	MPA 20 0068 93345197	2.84	17 1 31 9BK 14 0 02 DJLK	4	1	3	77	70	0.22 44 101	-0.88 33 79	-0.77 82	4.57 5 103	-2.50 17 82	-2.16 34 80	9.25 40 89	0.38 12 97

Ewe Selection List: LMI

Animals sorted on LMI

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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	
1 104 23 0063 96843495	3.83	KR30 20 0003 104 19 0064	108	98	67 1.35 116	-0.30 52 91	0.38 104 63 108	5.39	0.50 27 100	1.35 52 106	3.37 39 97	-6.00 21 111	
2 164 24 0003 110093986	2.76	104 23 0063 164 20 0016	105	98	35 0.64 106	-0.39 27 89	-0.08 95 32 103	4.59	0.40 14 99	0.49 27 99	-13.14 28 120	2.06 14 93	
3 164 24 0064 110805033	4.03	104 23 0063 161 23 0039	105	98	47 0.62 106	-0.47 35 87	-0.16 93 33 101	4.27	1.20 17 104	0.87 35 102	-3.21 29 106	-2.25 15 103	
4 164 24 0063 110805025	4.03	104 23 0063 161 23 0039	105	98	47 0.62 106	-0.47 35 87	-0.16 93 33 101	4.27	1.20 17 104	0.87 35 102	-3.21 29 106	-2.25 15 103	
5 164 24 0032 110090859	2.67	104 23 0063 164 18 0111	103	97	34 0.70 107	-0.28 26 92	0.07 98 31 104	4.73	0.70 14 101	0.83 26 102	-0.83 23 103	-1.56 11 101	
6 164 24 0011 110090693	4.61	104 23 0063 AH 20 0192	103	95	41 0.75 108	-0.29 36 91	0.09 98 34 98	3.87	1.30 16 105	1.24 33 105	-0.68 28 103	2.98 17 91	
7 164 24 0033 110090867	2.67	104 23 0063 164 18 0111	103	97	34 0.70 107	-0.28 26 92	0.07 98 31 104	4.73	0.70 14 101	0.83 26 102	-0.83 23 103	-1.56 11 101	
8 164 24 0037 110090909	2.67	104 23 0063 164 18 0110	103	96	34 0.70 107	-0.28 26 92	0.07 98 31 104	4.73	0.70 14 101	0.83 26 102	2.06 20 99	-2.51 11 103	
9 164 24 0036 110090891	2.67	104 23 0063 164 18 0110	103	96	34 0.70 107	-0.28 26 92	0.07 98 31 104	4.73	0.70 14 101	0.83 26 102	2.06 20 99	-2.51 11 103	
10 164 24 0002 110093978	2.76	104 23 0063 164 20 0017	102	96	35 0.64 106	-0.39 27 89	-0.08 95 32 103	4.59	0.40 14 99	0.49 27 99	-1.93 28 104	-2.77 14 104	
11 164 24 0057 110091089	2.76	104 23 0063 164 20 0017	102	96	35 0.64 106	-0.39 27 89	-0.08 95 32 103	4.59	0.40 14 99	0.49 27 99	-1.93 28 104	-2.77 14 104	
12 164 24 0052 110094026	4.55	104 23 0063 164 22 0036	100	92	39 0.78 108	-0.23 32 93	0.16 99 33 101	4.27	0.80 15 102	1.03 31 103	8.19 26 90	-0.92 16 100	
13 164 24 0041 110090941	4.55	104 23 0063 164 22 0037	100	92	39 0.78 108	-0.23 32 93	0.16 99 33 101	4.27	0.80 15 102	1.03 31 103	7.95 26 91	-0.50 16 99	
14 164 24 0040 110090933	4.55	104 23 0063 164 22 0037	100	92	39 0.78 108	-0.23 32 93	0.16 99 33 101	4.27	0.80 15 102	1.03 31 103	7.95 26 91	-0.50 16 99	

Ewe Selection List: LMI

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Active Breed Average:			100	100	0.10	-0.02	0.03	3.97	0.35	0.29	-0.26	0.28		
15 164 24 0015 110090719	2.71	104 23 0063 176 21 0040	99	93	0.50 37 105	-0.53 32 86	-0.28 91	4.60 31 103	0.70 14 101	0.39 30 99	2.07 20 99	-2.51 11 103		
16 164 24 0038 110090917	2.76	104 23 0063 164 20 0027	99	93	0.64 35 106	-0.39 27 89	-0.08 95	4.59 32 103	0.40 14 99	0.49 27 99	5.59 23 94	-4.42 12 107		
17 164 24 0051 110091048	3.35	104 23 0063 164 21 0007	99	94	0.62 35 106	-0.41 27 89	-0.10 95	4.60 32 103	0.40 14 99	0.46 27 99	7.17 27 92	-5.90 14 111		
18 164 24 0056 110091071	3.35	104 23 0063 164 21 0012	99	94	0.62 35 106	-0.41 27 89	-0.10 95	4.60 32 103	0.40 14 99	0.46 27 99	6.46 29 93	-5.26 14 109		
19 164 24 0055 110091063	3.35	104 23 0063 164 21 0012	99	94	0.62 35 106	-0.41 27 89	-0.10 95	4.60 32 103	0.40 14 99	0.46 27 99	6.46 29 93	-5.26 14 109		
20 164 24 0050 110091030	3.35	104 23 0063 164 21 0007	99	94	0.62 35 106	-0.41 27 89	-0.10 95	4.60 32 103	0.40 14 99	0.46 27 99	7.17 27 92	-5.90 14 111		
21 164 24 0004 110090644	3.09	104 23 0063 164 18 0008	99	93	0.63 35 106	-0.38 27 89	-0.07 95	4.63 32 103	0.50 14 100	0.55 27 100	7.14 23 92	-4.17 12 107		
22 164 24 0005 110090651	3.09	104 23 0063 164 18 0008	99	93	0.63 35 106	-0.38 27 89	-0.07 95	4.63 32 103	0.50 14 100	0.55 27 100	7.14 23 92	-4.17 12 107		
23 164 24 0062 110091139	2.92	104 23 0063 164 23 0009	99	93	0.62 35 106	-0.41 27 89	-0.10 95	4.60 32 103	0.40 14 99	0.46 27 99	5.87 23 94	-4.51 12 108		
24 164 24 0013 110094307	2.64	104 23 0063 161 21 0041	99	91	0.68 41 107	-0.60 31 85	-0.26 91	4.85 31 105	0.60 14 101	0.44 31 99	6.20 26 93	-4.17 13 107		
25 164 24 0034 110090875	4.08	104 23 0063 164 23 0036	99	91	0.73 39 108	-0.32 33 91	0.05 97	4.18 34 100	0.60 15 101	0.77 31 101	5.88 31 94	-0.39 16 98		
26 164 24 0048 110091014	3.07	104 23 0063 164 23 0020	98	93	0.62 34 106	-0.42 27 89	-0.11 94	4.57 32 103	0.40 14 99	0.44 27 99	8.04 28 91	-5.43 12 110		
27 164 24 0065 110091147	3.55	104 23 0063 164 23 0038	98	90	0.74 35 108	-0.44 27 88	-0.07 95	4.85 31 105	-0.20 14 96	0.19 27 97	2.98 27 98	-2.45 11 103		
28 164 24 0027 110094018	3.55	104 23 0063 164 22 0053	97	90	0.74 35 108	-0.44 27 88	-0.07 95	4.85 31 105	-0.20 14 96	0.19 27 97	4.06 23 96	-2.81 11 104		

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Active Breed Average:			100	100	0.10	-0.02	0.03	3.97	0.35	0.29	-0.26	0.28	
29 164 24 0070 110091196	2.97	104 23 0063 164 23 0013	97	92	0.59 35 106	-0.46 28 88	-0.17 93	4.54 32 103	0.30 14 99	0.31 27 98	8.20 23 90	-5.63 13 110	
30 164 24 0069 110091188	2.97	104 23 0063 164 23 0013	97	92	0.59 35 106	-0.46 28 88	-0.17 93	4.54 32 103	0.30 14 99	0.31 27 98	8.20 23 90	-5.63 13 110	
31 164 24 0043 110090966	3.40	104 23 0063 164 23 0046	97	92	0.58 35 106	-0.44 28 88	-0.15 94	4.59 32 103	0.40 14 99	0.39 27 99	11.85 25 85	-7.12 13 113	
32 164 24 0060 110091113	3.55	104 23 0063 164 23 0039	97	90	0.74 35 108	-0.44 27 88	-0.07 95	4.85 31 105	-0.20 14 96	0.19 27 97	5.15 28 95	-3.17 11 105	
33 164 24 0042 110090958	3.40	104 23 0063 164 23 0046	97	92	0.58 35 106	-0.44 28 88	-0.15 94	4.59 32 103	0.40 14 99	0.39 27 99	11.85 25 85	-7.12 13 113	
34 164 24 0006 110090669	3.52	104 23 0063 164 15 0354	96	90	0.57 38 105	-0.49 32 87	-0.20 92	4.54 33 103	0.30 14 99	0.26 30 98	9.31 25 89	-4.52 14 108	
35 164 24 0044 110090974	3.47	104 23 0063 164 23 0028	96	89	0.70 36 107	-0.50 27 87	-0.15 94	4.79 31 104	-0.30 14 95	0.03 27 96	6.37 29 93	-4.03 12 107	
36 164 24 0046 110090990	3.47	104 23 0063 164 23 0028	96	89	0.70 36 107	-0.50 27 87	-0.15 94	4.79 31 104	-0.30 14 95	0.03 27 96	6.37 29 93	-4.03 12 107	
37 164 24 0031 110090842	3.04	104 23 0063 164 23 0031	95	89	0.54 35 105	-0.55 28 86	-0.28 91	4.46 32 102	0.00 14 97	-0.01 27 96	5.72 29 94	-4.11 13 107	
38 164 24 0028 110090818	3.41	104 23 0063 164 21 0039	94	89	0.57 35 106	-0.49 28 87	-0.20 92	4.52 32 103	0.20 14 98	0.20 27 97	17.70 28 77	-9.05 14 118	
39 100 22 0020 93910008	2.76	173 20 0037 100 18 0278	94	94	-0.02 62 97	0.13 43 101	0.12 99	4.41 18 102	-0.30 17 95	-0.07 44 95	5.39 36 94	0.04 21 98	
40 164 23 0074 98606031	2.73	100 22 0020 164 20 0021	93	92	-0.05 32 97	-0.18 24 94	-0.20 92	4.10 11 100	0.00 9 97	-0.23 24 94	4.90 25 95	-0.89 14 100	
41 164 23 0078 98606072	2.93	100 22 0020 164 21 0007	92	92	-0.07 32 97	-0.19 23 94	-0.22 92	4.12 10 100	0.00 9 97	-0.26 23 94	8.18 26 90	-2.88 14 104	
42 164 23 0057 98605868	3.36	100 22 0020 164 21 0003	92	90	0.04 37 98	-0.10 29 96	-0.08 95	3.69 15 97	0.20 11 98	0.06 28 96	7.81 26 91	1.95 17 93	

Ewe Selection List: LMI

Animals sorted on LMI

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	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 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	EPI	Times Lambd
Active Breed Average:			100	100	0.10	-0.02	0.03	3.97	0.35	0.29	-0.26	0.28		
43 164 23 0062 98605918	3.36	100 22 0020 164 21 0046	92	89	37 ^{0.04} 98	29 ^{-0.10} 96	-0.08 95	3.69 15 97	0.20 11 98	0.06 28 96	7.28 26 92	2.87 17 91		
44 164 23 0075 98606049	3.34	164 19 0006 KR62 18 0110	91	90	20 ^{-0.15} 96	20 ^{-0.41} 89	-0.48 87	4.04 10 99	0.70 6 101	-0.14 17 95	14.72 26 81	-5.67 15 110		
45 164 23 0076 98606056	3.34	164 19 0006 KR62 18 0110	91	90	20 ^{-0.15} 96	20 ^{-0.41} 89	-0.48 87	4.04 10 99	0.70 6 101	-0.14 17 95	14.72 26 81	-5.67 15 110		
46 164 23 0061 98605900	2.82	100 22 0020 164 18 0009	91	90	36 ^{-0.14} 96	29 ^{-0.31} 91	-0.38 89	4.00 15 99	0.20 10 98	-0.33 27 93	8.17 21 90	-1.53 13 101		
47 164 23 0071 98606007	2.67	164 19 0006 164 18 0111	91	89	16 ^{-0.11} 96	18 ^{-0.51} 86	-0.57 85	3.82 8 98	0.30 5 99	-0.45 14 92	6.61 25 93	-2.40 12 103		
48 164 23 0060 98605892	2.82	100 22 0020 164 18 0009	91	90	36 ^{-0.14} 96	29 ^{-0.31} 91	-0.38 89	4.00 15 99	0.20 10 98	-0.33 27 93	8.17 21 90	-1.53 13 101		
49 164 24 0022 110090784	15.39	164 19 0006 164 19 0009	83	82	22 ^{-0.21} 95	24 ^{-0.68} 83	-0.78 81	3.65 10 97	0.00 7 97	-0.89 19 89	21.11 26 73	-7.82 15 115		
50 164 24 0021 110090776	15.39	164 19 0006 164 19 0009	83	82	22 ^{-0.21} 95	24 ^{-0.68} 83	-0.78 81	3.65 10 97	0.00 7 97	-0.89 19 89	21.11 26 73	-7.82 15 115		
51 164 19 0006 89386593	2.84	164 17 0008 164 15 0354	83	82	33 ^{-0.26} 94	36 ^{-0.76} 81	-0.89 79	3.57 16 96	-0.20 10 96	-1.14 29 87	18.25 44 76	-7.69 24 115		
52 164 24 0018 110090743	15.39	164 19 0006 164 20 0015	82	81	19 ^{-0.18} 95	21 ^{-0.64} 84	-0.74 82	3.67 10 97	0.10 6 98	-0.77 17 90	26.29 29 65	-8.40 16 116		
53 164 23 0063 98605926	2.84	20 0 06 3DJLk 164 20 0019	82	77	24 ^{0.04} 98	20 ^{-0.73} 82	-0.72 83	4.13 6 100	-1.20 9 90	-1.42 19 85	12.68 27 84	-2.82 11 104		
54 164 23 0064 98605934	2.84	20 0 06 3DJLk 164 20 0019	82	77	24 ^{0.04} 98	20 ^{-0.73} 82	-0.72 83	4.13 6 100	-1.20 9 90	-1.42 19 85	12.68 27 84	-2.82 11 104		
55 IMPA 20 0068 93345197	2.84	17 1 31 9BK 14 0 02 3DJLk	77	70	44 ^{0.22} 101	33 ^{-0.88} 79	-0.77 82	4.57 5 103	-2.50 17 82	-2.16 34 80	9.25 40 89	0.38 12 97		