



BOERBOK GENETIC REPORT

21 September 2026



LUCKY BOER GOAT FARM

FDM : 9140



CERTIFICATE
OF QUALITY

Valid up to
October 2029

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

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 Boer 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 :

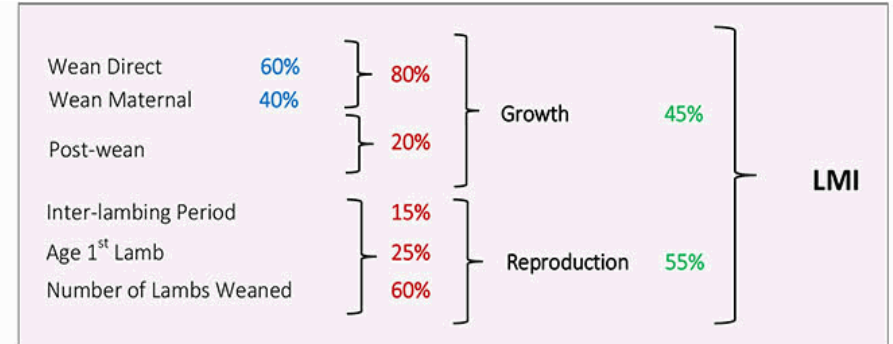
Logix Merit Index (LMI)

This index combines all the traits to select for a balanced, profitable animal that is fertile and delivers a desirable level of production. 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 and give multiple lambs. 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 :

$$LMI = (0.1375 * AFL) + (0.0825 * ILP) + (0.216 * Wean Dir) + (0.144 * Wean Mat) + (0.33 * N_Lambs_Weaned) + (0.09 * Post-Wean Dir)$$

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 Period. 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.

Active Genetic Levels

Genetic Averages : Breeding Values

Trait	Flock			Breed		
	All	Rams	Ewes	All	Rams	Ewes
Weaning Weight Direct	-0.36	-0.12	-0.47	-0.06	-0.01	-0.09
Weaning Weight Maternal	0.00	-0.07	0.03	-0.02	-0.03	-0.02
Weaning Weight Combined	-0.18	-0.13	-0.21	-0.06	-0.03	-0.07
Post-wean Weight	0.04	0.40	-0.13	0.50	0.58	0.45
Number Lambs Weaned	-1.05	-0.44	-1.33	-0.36	-0.55	-0.26
Total Weight Weaned	-1.00	-0.45	-1.24	-0.31	-0.37	-0.27
Age at First Lambing	2.73	3.08	2.57	-0.30	-0.22	-0.35
Inter-lambing Period	-1.62	-1.87	-1.51	0.15	0.19	0.13
Selection Indices						
Logix Merit Index	97	100	96	101	100	101
Reproduction Index	101	101	100	102	101	102
Inbreeding						
Inbreeding (%)	3.75	2.94	4.11	5.54	5.93	5.34
Number of Animals						
Number of Animals	26	8	18	49286	16616	32526

** Averages of all active animals in the flock.

Breeding Value Indices

Trait	Flock **		
	All	Rams	Ewes
Weaning Weight Direct	95.7	98.3	94.5
Weaning Weight Maternal	100.7	99.1	101.4
Weaning Weight Comb	97.1	98.1	96.7
Post-wean Weight	95.9	98.3	94.8
Number Lambs Weaned	98.4	101.3	97.1
Total Weight Weaned	96.8	99.9	95.4
Age First Lambing	96.3	95.9	96.5
Interlambing Period	106.3	107.0	106.0
Selection Indices			
Logix Merit Index	96.9	99.6	95.6
Ewe Index	100.5	101.3	100.2
Growth Index	95.7	98.1	94.7
Inbreeding			
Inbreeding (%)	3.75	2.94	4.11
Number of Animals			
Number of Animals	26	8	18

** Averages of all active animals in the flock.

Inbreeding

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

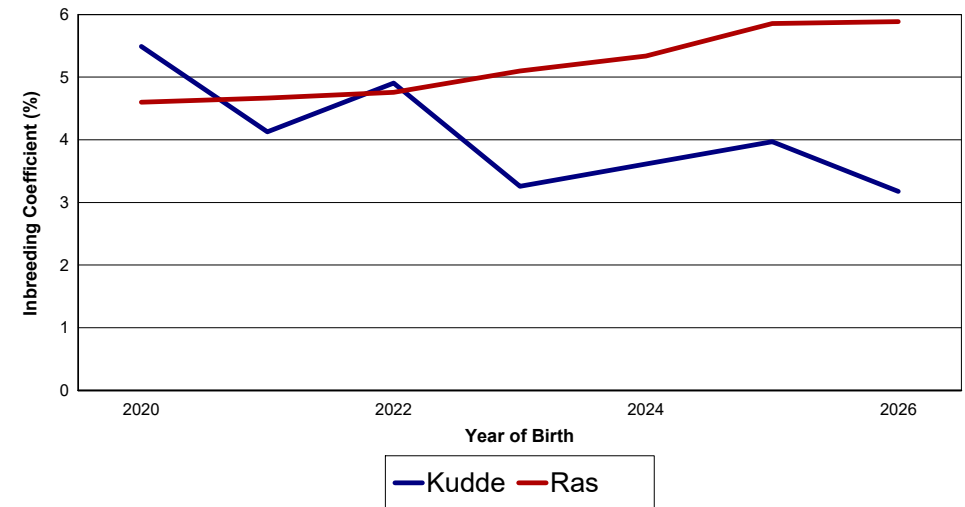
Progeny with Parents :	25%
Full Brother x Full Sister :	25%
Half Brother x Half Sister :	12.5%
One Common Grandparent :	6.25%
One Common Great-Grandparent :	3.125%

Level and Rate of Inbreeding

Year of Birth	Level* (%)	Rate (% / year)
2020 - 2026	3.18	-0.39
Recommended:	< 6.25	< 0.1 - 0.2

*Of the last year of birth

Average Inbreeding per Year of Birth

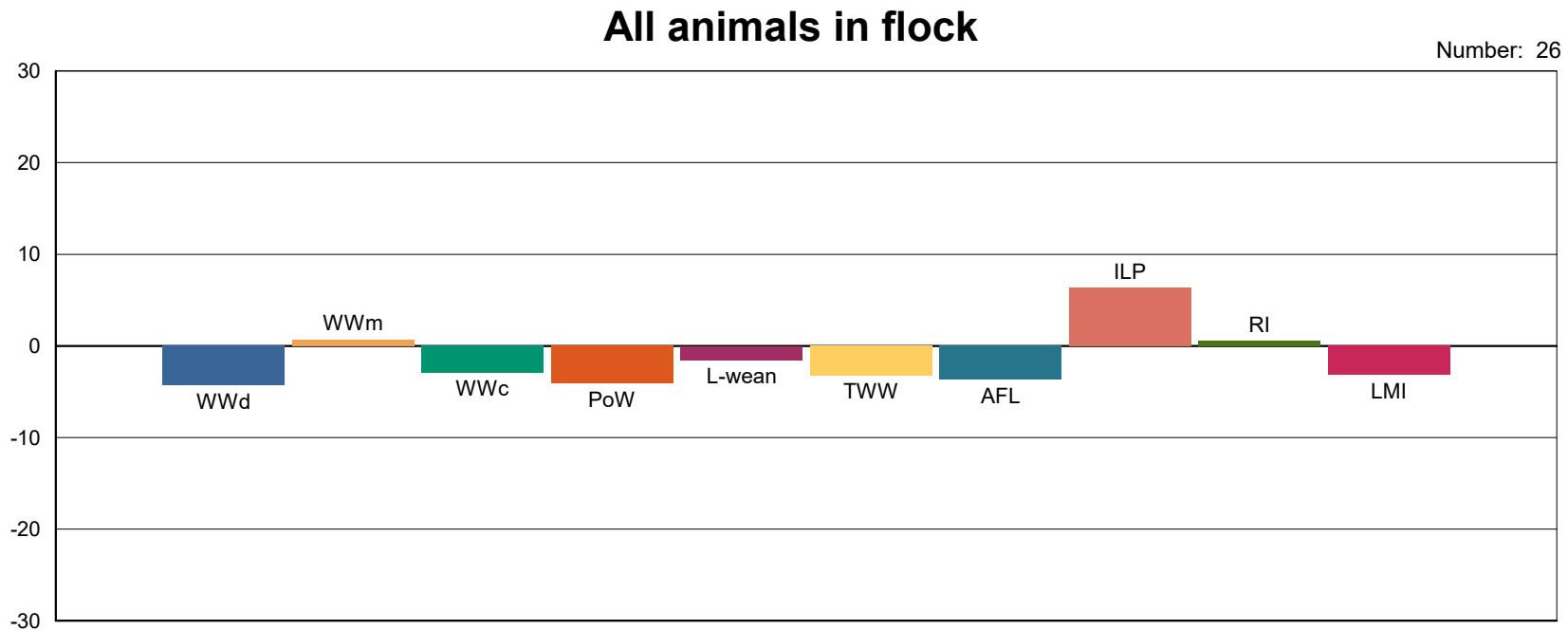


Pedigree Information

	Number	%
Known Sires	26	100
Known Dams	22	85

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

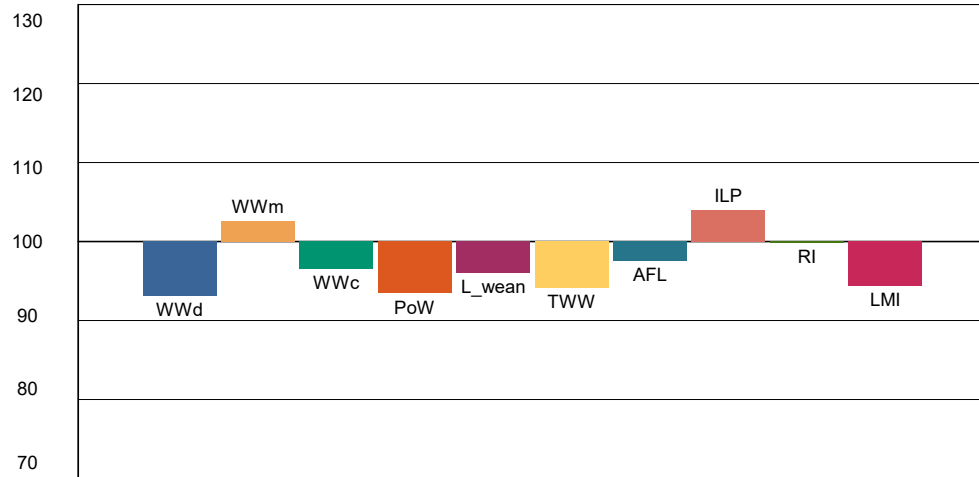
The genetic windows allow a quick overview of the genetic status of the flock compared to the breed. The values presented here are the average EBV indices of all the active animals of the flock, of the dams and sires of the active animals of the flock, as well as of the ewes and rams that are younger 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

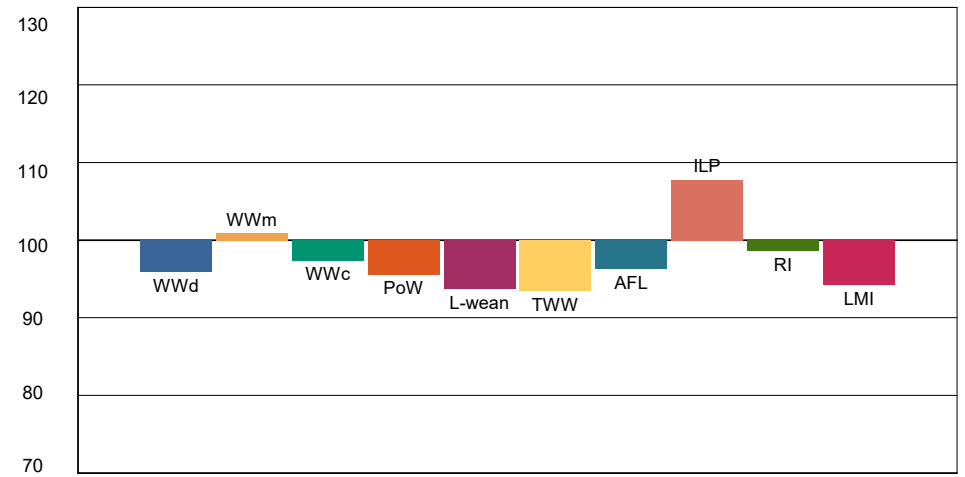
Dams

Number: 15



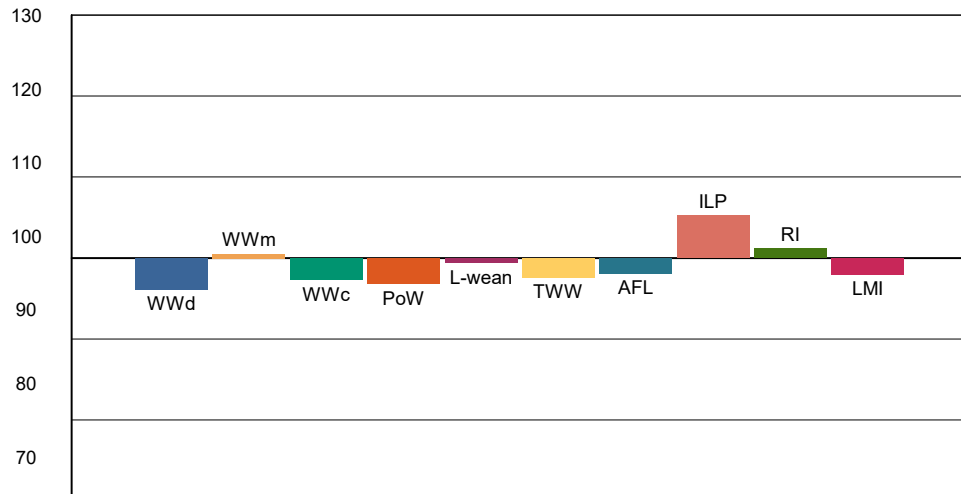
Sires

Number: 18



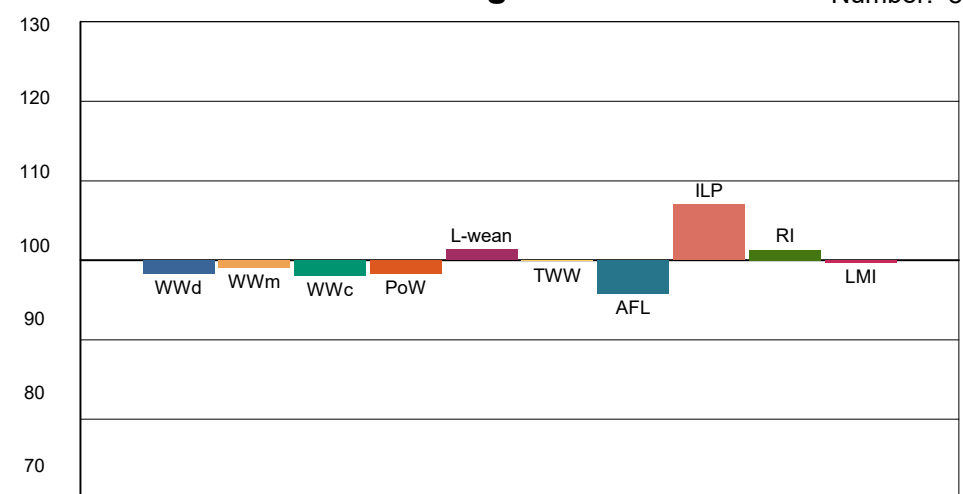
Young Ewes

Number: 10



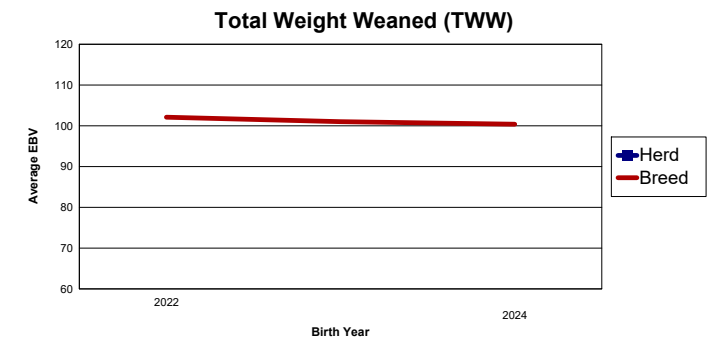
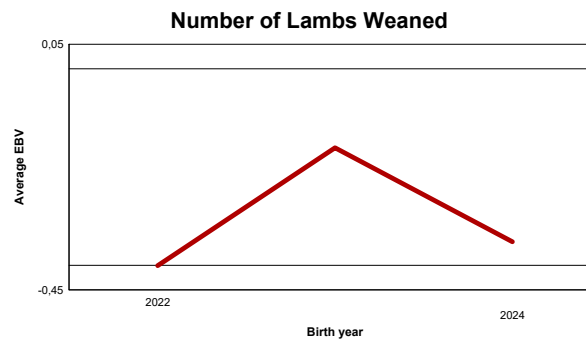
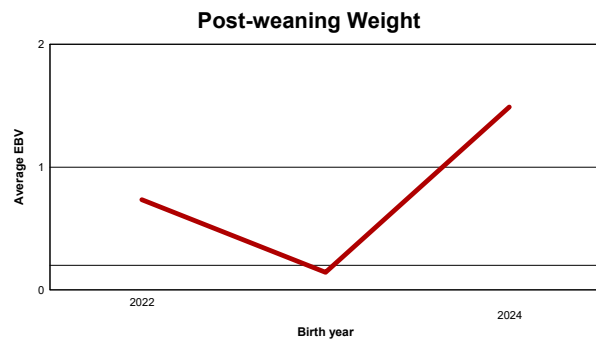
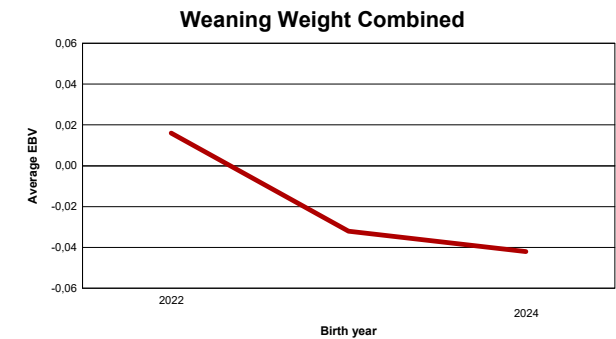
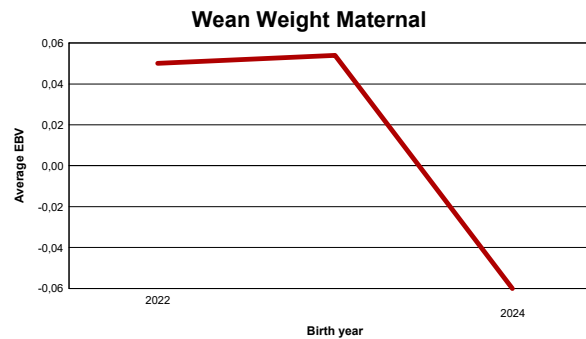
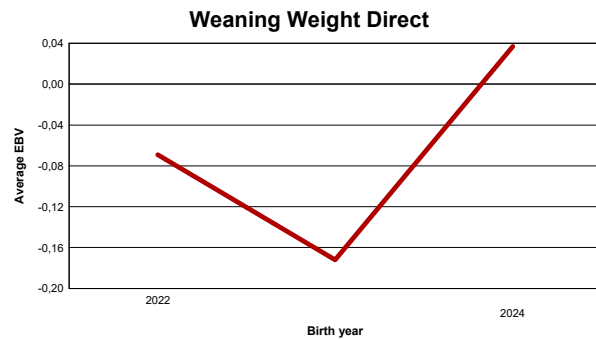
Young Rams

Number: 8



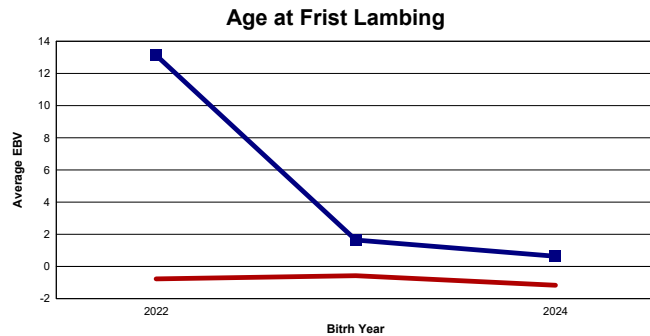
Genetic Trends

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

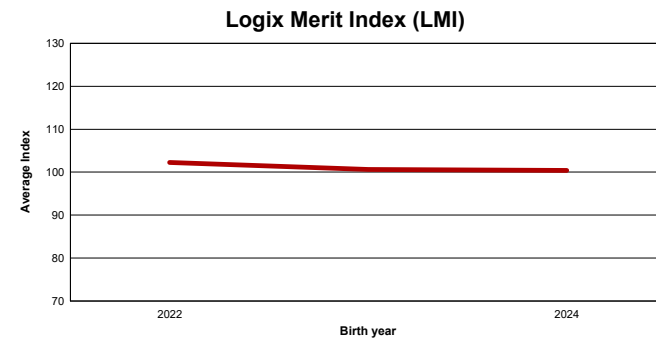
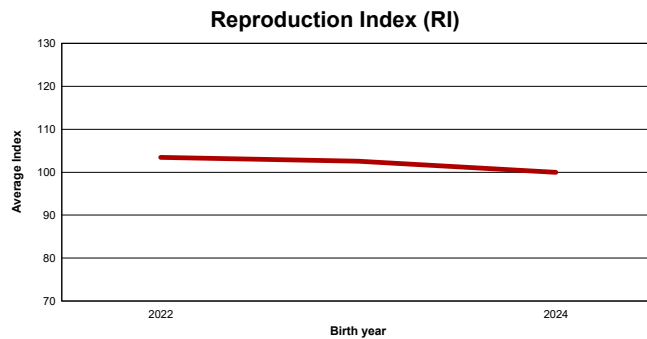
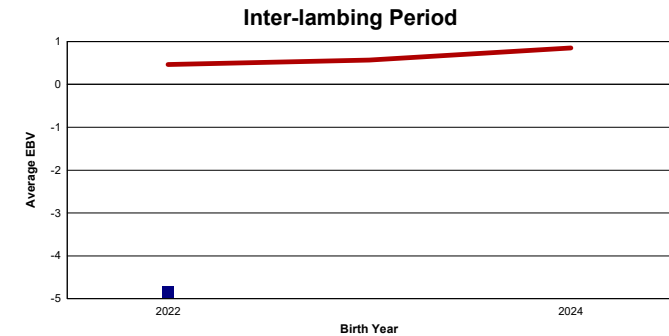


Genetic Trends

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					Number	EBV		Number	EBV	Number	EBV			Number	EBV		
	Number	Dir	Mat	Comb														
2013	1336	-0.37	0.02	-0.17	108	0.51	508	0.24	1336	100	1078	-2.27	653	0.70	1336	103	1336	100
2014	1007	-0.37	-0.07	-0.26	58	-0.17	671	0.13	1007	99	1072	-1.16	661	0.26	1007	100	1007	97
2015	1626	-0.20	0.08	-0.02	233	1.23	705	0.74	1626	104	1180	-1.69	715	0.18	1626	106	1626	104
2016	1804	-0.26	0.04	-0.09	239	0.72	791	0.07	1804	102	1291	-1.49	887	0.13	1804	104	1804	102
2017	2163	-0.29	-0.02	-0.17	313	1.21	825	0.29	2120	99	1404	-1.53	992	0.29	2120	102	2120	99
2018	2547	-0.28	0.07	-0.07	236	0.58	909	0.35	2519	101	1853	-0.08	1275	-0.77	2519	104	2519	101
2019	2144	-0.01	0.02	0.01	254	0.24	889	0.13	2138	102	2101	-0.70	1389	0.07	2138	102	2138	102
2020	2459	-0.10	0.04	-0.01	436	-0.69	864	0.14	2459	102	2740	-0.11	1744	-0.19	2459	102	2459	101
2021	1759	0.00	0.00	0.00	330	0.00	823	-0.01	1759	103	3094	0.00	1960	0.00	1759	104	1759	104
2022	2519	-0.07	0.05	0.02	427	0.54	802	-0.40	2519	102	3449	-0.76	1843	0.46	2519	103	2519	102
2023	2896	-0.17	0.05	-0.03	465	-0.06	570	-0.16	2894	101	3098	-0.57	1076	0.57	2894	103	2894	101
2024	3036	0.04	-0.06	-0.04	414	1.29	196	-0.35	3035	100	1825	-1.17	154	0.85	3035	100	3035	100
2025	2284	0.15	-0.01	0.07	476	1.04			2283	103	82	-1.16			2283	101	2283	102

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
2022										1	13.14	1	-4.83				
2023										1	1.64						
2024										1	0.64						

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	-0.06	0.74	-4.91	-1.74	-1.04	-0.83	-0.65	-0.57	-0.48	-0.32	-0.16	0.02	0.22	0.35	0.51	0.91	1.28	2.04	4.89
Weaning Weight Maternal	-0.02	0.33	-2.29	-0.90	-0.58	-0.43	-0.26	-0.20	-0.15	-0.07	0.00	0.06	0.11	0.15	0.20	0.35	0.49	0.86	2.30
Weaning Weight Combined	-0.06	0.49	-2.89	-1.24	-0.79	-0.58	-0.39	-0.33	-0.28	-0.21	-0.12	-0.01	0.12	0.20	0.29	0.58	0.84	1.32	3.11
Post-Wean Weight	0.50	1.23	-7.95	-2.29	-1.01	-0.67	-0.42	-0.31	-0.19	0.05	0.33	0.61	0.96	1.14	1.38	1.99	2.60	4.25	12.54
Number of Lambs Weaned	-0.36	2.06	-13.10	-5.70	-4.20	-3.30	-2.20	-1.70	-1.30	-0.50	0.10	0.60	1.10	1.30	1.40	1.60	2.00	3.80	11.20
Total Weight Weaned	-0.30	1.53	-9.52	-4.12	-2.96	-2.34	-1.52	-1.22	-0.94	-0.48	-0.12	0.16	0.38	0.52	0.74	1.37	2.06	3.69	8.21
Age at First Lambing	-0.30	-6.96	62.93	17.45	10.46	7.50	4.40	3.30	2.43	0.97	-0.37	-1.47	-2.89	-3.74	-4.73	-7.80	-10.96	-19.95	-75.66
Interlambing Period	0.15	-3.66	23.72	9.96	6.51	4.87	2.99	2.35	1.75	0.75	-0.15	-0.94	-1.75	-2.21	-2.71	-4.10	-5.38	-8.00	-21.68
Reproduction Index	102	10	49	75	84	88	94	96	98	101	103	105	107	108	109	112	114	121	146
Logix Merit Index	101	9	62	79	85	89	94	95	97	100	102	103	105	106	107	111	116	126	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	-0.01	0.75	-4.91	-1.73	-0.99	-0.78	-0.60	-0.51	-0.41	-0.26	-0.09	0.07	0.30	0.42	0.57	0.96	1.32	2.10	3.75
Weaning Weight Maternal	-0.03	0.31	-1.73	-0.81	-0.55	-0.42	-0.26	-0.20	-0.16	-0.08	-0.01	0.05	0.11	0.14	0.19	0.33	0.45	0.76	1.79
Weaning Weight Combined	-0.03	0.46	-2.44	-1.09	-0.69	-0.51	-0.36	-0.31	-0.26	-0.19	-0.10	0.01	0.14	0.21	0.29	0.57	0.82	1.25	2.18
Post-Wean Weight	0.58	1.24	-7.95	-2.36	-0.94	-0.60	-0.33	-0.22	-0.10	0.17	0.45	0.71	1.06	1.24	1.48	2.06	2.64	4.24	12.54
Number of Lambs Weaned	-0.55	2.07	-8.30	-5.70	-4.40	-3.60	-2.40	-2.00	-1.50	-0.80	-0.20	0.40	0.80	1.10	1.30	1.60	1.90	3.60	8.30
Total Weight Weaned	-0.37	1.55	-5.94	-4.10	-3.06	-2.47	-1.65	-1.33	-1.05	-0.55	-0.18	0.11	0.37	0.50	0.72	1.35	2.01	3.69	7.18
Age at First Lambing	-0.22	-6.62	39.94	16.34	10.21	7.43	4.48	3.42	2.57	1.12	-0.29	-1.47	-2.85	-3.69	-4.63	-7.53	-10.44	-18.29	-65.44
Interlambing Period	0.19	-3.45	20.34	9.44	6.20	4.66	2.89	2.30	1.73	0.78	-0.11	-0.90	-1.67	-2.11	-2.61	-3.86	-4.98	-7.30	-14.85
Reproduction Index	101	9	55	76	83	88	93	95	97	100	103	105	107	108	109	111	114	120	135
Logix Merit Index	100	9	65	79	85	88	93	95	97	99	101	103	105	106	107	111	116	126	144

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	0.74	-3.89	-1.74	-1.07	-0.86	-0.67	-0.60	-0.51	-0.36	-0.20	-0.02	0.19	0.31	0.47	0.88	1.27	2.00	4.89
Weaning Weight Direct	-0.02	0.34	-2.29	-0.94	-0.59	-0.44	-0.27	-0.20	-0.15	-0.07	0.00	0.06	0.12	0.16	0.21	0.37	0.52	0.89	2.30
Weaning Weight Combined	-0.07	0.50	-2.89	-1.31	-0.83	-0.62	-0.41	-0.34	-0.29	-0.22	-0.13	-0.02	0.11	0.19	0.29	0.58	0.85	1.36	3.11
Post-Wean Weight	0.46	1.22	-6.83	-2.27	-1.05	-0.70	-0.46	-0.36	-0.24	-0.01	0.27	0.55	0.90	1.09	1.33	1.96	2.58	4.25	8.78
Number of Lambs Weaned	-0.26	2.05	-13.10	-5.80	-4.10	-3.20	-2.00	-1.60	-1.10	-0.40	0.20	0.70	1.10	1.30	1.50	1.70	2.00	3.90	11.20
Total Weight Weaned	-0.27	1.52	-9.52	-4.15	-2.89	-2.26	-1.45	-1.16	-0.90	-0.44	-0.10	0.19	0.39	0.54	0.75	1.38	2.08	3.69	8.21
Age at First Lambing	-0.34	-7.13	62.93	18.10	10.67	7.55	4.36	3.23	2.34	0.88	-0.38	-1.48	-2.90	-3.76	-4.78	-7.95	-11.29	-20.92	-75.66
Interlambing Period	0.13	-3.78	23.72	10.31	6.69	4.98	3.03	2.38	1.76	0.73	-0.17	-0.94	-1.80	-2.27	-2.76	-4.23	-5.54	-8.30	-21.68
Reproduction Index	102	10	49	74	84	89	94	96	98	101	104	106	108	109	109	112	115	122	146
Logix Merit Index	101	9	62	79	86	89	94	96	97	100	102	103	105	106	107	111	116	126	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 ID Comp no.		Parents		% In-breeding	Logix Merit Index	Reproduction	Wean Weight		Post-Wean	Number Weaned	TWW	AFL	ILP	Dam	
							Dir	Mat							Comb
Active Breed Average:					100	100	-0.06	-0.02	-0.06	0.50	-0.36	-0.31	-0.30	0.15	
9140	23 0005 99094633	493 18 0092 9179 22 0002	2.89	100	101	-0.29 15 96	-0.17 13 97	-0.31 95	0.19 5 97	-0.40 5 102	-0.70 12 99	-6.24 25 108	1.92 11 97	3	
9114	23 0009 97522817	1298 21 0426 1298 20 0172	2.57	106	102	0.35 28 104	-0.25 24 95	-0.08 99	1.44 18 105	0.80 10 107	0.58 22 106	2.65 33 96	-1.94 24 107	1	
9140	24 0001 100164748	1298 21 0508 9108 20 0020	2.99	102	105	0.16 28 102	0.29 25 108	0.37 107	0.72 15 100	-1.10 12 98	-0.21 23 101	5.42 31 93	-3.87 22 113	3	
9140	24 0004 107483596	9114 23 0009 9140 22 0007	2.89	96	98	-0.28 21 97	-0.15 19 97	-0.29 95	0.09 13 96	-1.00 11 99	-1.03 18 97	7.89 23 90	-3.38 16 111	3	
9140	25 0001 109797019	9176 22 0006 9116 22 0002	3.77	93	98	-0.52 21 94	-0.04 18 100	-0.30 95	-0.56 12 92	-1.50 12 96	-1.46 18 94	7.11 20 91	-2.92 14 110	2	
9140	26 0001 112191085	9114 23 0009 9116 22 0002	2.90	99	98	0.16 21 102	-0.15 18 97	-0.07 99	0.88 12 101	-0.70 10 100	-0.41 17 100	5.50 21 93	-1.57 16 106	2	
9140	26 0007 114091754	9114 23 0009 9179 22 0002	2.89	105	106	-0.16 14 98	-0.08 12 99	-0.16 98	0.48 9 99	1.20 5 109	0.48 11 105	1.02 17 99	-1.62 13 106	3	
9140	26 0008 114091747	9114 23 0009 9160 24 0003	2.63	98	102	-0.42 18 95	-0.01 16 101	-0.22 97	-0.04 12 95	-0.80 9 100	-0.91 15 97	1.31 21 98	-1.57 15 106	2	
Ram Flock Average: Number of rams in the flock: 8					100	101	-0.12	-0.07	-0.13	0.40	-0.44	-0.45	3.08	-1.87	

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.				% In- breeding	Logix Merit Index	Repro- duction Index	Wean Weight		Post-Wean		Number Weaned		TWW		AFL		ILP		Times EPI Lamberd	
							Dir	Mat	Comb											
							EBV Acc	EBV Index	EBV Acc	EBV Index	EBV Index	EBV Acc	EBV Index	EBV Acc	EBV Index	EBV Acc	EBV Index	EBV Acc	EBV Index	Phenotype
Active Breed Average:					100	100	-0.06	-0.02	-0.06	0.50	-0.36	-0.31	-0.30	0.15						
9108 20 0020 95405023	762 16 0523 762 17 0020	5.49	89	94	-0.46 32 95	0.07 32 102	-0.16 98	-0.13 15 95	-2.60 20 91	-1.95 29 91	15.15 36 81	-3.70 24 112	3							
9110 21 0001 99804999	9108 20 0035 9108 19 0023	4.13	93	101	-0.73 20 92	0.11 20 104	-0.25 96	-0.75 14 91	-1.80 14 95	-1.70 19 93	4.63 24 94	-3.77 16 112	2							
9116 22 0002 95412995	762 19 0465 1512 18 0002	2.80	93	94	-0.03 32 99	-0.05 26 100	-0.07 99	0.31 17 98	-2.30 18 93	-1.46 26 94	8.34 27 89	-1.21 20 105	2							
9179 22 0002 95947172	1332 19 0128 1805 20 0016	2.87	104	110	-0.66 5 92	0.09 5 103	-0.24 96	-0.49 5 92	1.60 5 111		-0.61 11 101	-1.31 15 106	3							
9140 22 0007 95587788	762 17 0091 9108 20 0020	9.05	86	94	-0.91 31 90	-0.04 30 100	-0.50 92	-1.26 19 87	-2.70 18 91	-2.57 28 88	13.14 31 83	-4.83 23 115	3							
9140 23 0004 99095366	9107 22 0003 - - -	3.04	97	103	-0.71 15 92	0.07 15 103	-0.28 95	-0.46 12 93	-1.00 11 99	-1.24 14 95	-4.26 17 105	0.71 12 100	0							
9189 24 0001 101387694	9108 22 0085 9108 21 0006	4.64	89	95	-0.45 22 95	0.11 22 103	-0.12 98	0.20 15 97	-4.20 15 84	-2.87 20 86	-3.00 32 104	0.43 16 101	1							
9160 24 0003 99805053	9134 22 0001 1413 19 0043	4.55	90	101	-1.19 23 86	0.23 22 107	-0.37 94	-1.51 16 86	-2.40 14 92	-2.40 21 89	-0.03 25 100	-1.20 17 105	2							
9140 24 0005 107483497	9114 23 0009 - - -	3.31	105	106	-0.16 14 98	-0.09 12 99	-0.17 97	0.48 9 99	1.20 5 109	0.47 11 105	1.13 17 98	-1.44 12 106	0							
9140 24 0006 107483505	9114 23 0009 - - -	3.31	105	106	-0.16 14 98	-0.09 12 99	-0.17 97	0.48 9 99	1.20 5 109	0.47 11 105	1.13 17 98	-1.44 12 106	0							
9202 25 0001 109796680	9134 23 0001 9116 23 0002	3.34	93	97	-0.33 21 96	-0.05 18 100	-0.21 97	-0.24 12 94	-2.10 12 94	-1.64 18 93	0.67 22 99	-0.01 14 102	0							
9193 25 0001 107771099	1413 22 0001 9193 24 0003	5.47	105	109	-0.34 32 96	0.37 26 110	0.20 104	0.35 20 98	0.00 14 103	0.03 26 103	-6.91 27 109	1.92 18 97	0							
9102 25 0002 107200255	762 17 0297 9102 20 0001	3.45	86	95	-1.11 32 87	-0.20 31 96	-0.75 87	-0.84 25 90	-2.90 24 90	-3.05 30 85	3.18 31 96	-3.14 22 111	0							
9187 25 0003 109435156	9114 22 0003 9108 22 0006	3.94	97	100	-0.15 19 98	0.09 18 103	0.02 101	0.30 11 98	-0.90 11 99	-0.59 17 99	12.13 24 84	-4.11 16 113	0							
9140 25 0004 111471330	9114 23 0009 - - -	3.87	105	106	-0.16 14 98	-0.09 12 99	-0.17 97	0.48 9 99	1.20 5 109	0.47 11 105	1.13 17 98	-1.44 12 106	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.				% In- breeding	Logix Merit Index	Repro- duction Index	Dir		Wean Weight		Comb	Post-Wean		Number Weaned	TWW		AFL		ILP		EPI	Times Lambded
							EBV		EBV			EBV			EBV		EBV		EBV			
							Acc	Index	Acc	Index	Index	Acc	Index	Acc	Index	Acc	Index	Acc	Index	Acc	Index	Acc
Active Breed Average:					100	100	-0.06		-0.02		-0.06		0.50	-0.36		-0.31		-0.30		0.15		
9140 26 0003 112952569	9110 24 0003 9140 22 0007	4.80		90	98	-0.74 19 91		0.07 18 103		-0.30 95		-0.80 12 90	-2.80 12 90		-2.35 17 89		0.85 21 99		-1.08 14 105		0	
9140 26 0005 114091770	9114 23 0009 9189 24 0001	2.93		97	98	-0.05 18 99		-0.07 16 99		-0.10 99		0.82 12 101	-1.70 9 95		-1.14 15 96		-0.18 23 100		-0.75 15 104		0	
9140 26 0006 114091762	9114 23 0009 9189 24 0001	2.93		97	98	-0.05 18 99		-0.07 16 99		-0.10 99		0.82 12 101	-1.70 9 95		-1.14 15 96		-0.18 23 100		-0.75 15 104		0	
	Ewe flock average: Total ewes in flock: 18				96	100	-0.47		0.03		-0.21		-0.13	-1.33		-1.24		2.57		-1.51		

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
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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-breeding	Sire ID Dam ID	1st Generation		2nd Generation		Logix Merit Index	Reprod Index	Weaning Weight		Post-Wean		Number Weaned	TWW	AFL	ILP	Dam
			Progeny Number	Herds	Progeny Number	Herds			Dir	Mat	Comb						
			y		Weaned			Acc	Index	Acc	Index	Acc	Index	Acc	Index	EPI	Times Lamed
		Active Breed Average:				100	100	-0.06	-0.02	-0.06	0.50	-0.36	-0.31	-0.30	0.15		
1	762 16 0523 79101358	5.09	762 14 0194 762 13 0419			79	95	-1.25 50 86	0.34 50 109	-0.29 95	-1.99 21 83	-4.50 34 82	-3.61 46 82	38.24 57 64	-14.22 37 136	103	5
2	762 17 0091 80896897	4.71	762 14 0450 762 12 0304			82	94	-1.36 52 84	-0.15 50 97	-0.83 86	-2.39 34 80	-2.90 31 90	-3.25 46 84	10.09 51 87	-5.02 36 116	92	4
3	762 17 0297 80899933	5.59	762 15 0272 762 13 0121			75	81	-1.21 59 86	-0.60 59 86	-1.20 80	-0.20 48 94	-5.90 46 76	-5.35 56 72	3.83 56 95	-2.47 42 109	94	8
4	493 18 0092 84268374	2.51	762 13 0367 493 13 0166		1 1	95	91	0.08 29 101	-0.42 25 90	-0.38 94	0.87 9 101	-2.40 9 92	-1.78 23 92	-11.86 48 115	5.15 21 88		1
5	1332 19 0128 89923502	2.92	1509 17 0085 1332 17 0116			105	111	-0.65 5 92	0.10 6 103	-0.23 96	-0.48 5 93	1.60 5 111		0.71 22 99	-3.09 12 110		1
6	762 19 0465 86331691	8.30	762 18 0238 762 17 0714		1 1	81	78	0.61 64 107	-0.18 53 96	0.13 103	1.11 34 103	-6.30 36 74	-3.35 53 83	17.07 54 78	-1.47 39 106	100	5
7	9108 20 0035 95588232	2.92	762 16 0523 1432 17 0203			90	101	-0.96 25 89	0.21 25 106	-0.27 96	-1.24 11 88	-1.40 17 97	-1.59 23 93	18.63 29 76	-7.10 19 121		3
8	1298 21 0426 93283935	1.95	16 4 60 DL 1298 15 0281			113	106	1.42 50 116	-0.03 44 100	0.68 112	2.81 34 114	0.50 20 106	1.69 41 112	1.50 52 98	-3.17 42 111		1
9	1298 21 0508 93337301	2.43	430 18 0050 1398 15 0133			115	117	0.78 45 109	0.52 39 114	0.91 116	1.57 25 106	0.40 11 105	1.54 35 112	-4.30 51 105	-4.04 36 113		4
10	9134 22 0001 95412961	15.86	762 17 0091 959 18 0004			87	101	-1.36 35 85	0.09 33 103	-0.59 90	-2.42 24 80	-2.10 21 94	-2.52 31 88	7.76 38 90	-5.85 24 118		4
11	1413 22 0001 94970985	6.38	762 18 0648 959 20 0082			106	106	0.08 55 101	0.33 45 109	0.37 107	1.64 38 106	-0.90 23 99	-0.13 44 102	-12.20 46 115	4.27 31 90		4
12	9114 22 0003 97522882	4.12	1298 19 0040 1298 19 0028			105	101	0.67 30 107	-0.02 27 100	0.32 106	1.84 19 108	-0.30 15 102	0.47 25 105	6.10 40 92	-1.88 26 107		3
13	9107 22 0003 95946505	4.64	762 17 0384 9108 19 0031			90	96	-0.74 31 91	0.07 30 103	-0.30 95	-0.44 25 93	-3.60 23 86	-2.84 29 86	-8.14 33 110	2.36 24 95		5

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
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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 g	Sire ID Dam ID	1st Generation	2nd Generation	Logix Merit Index	Reprod Index	Weaning Weight		Comb	Post-Wean	Number Weaned	TWW	AFL	ILP	Dam	
			Progeny Number	Progeny Number			Dir	Mat								EBV
			y	Herds			Weaned	Herds	EBV Acc Index	EBV Acc Index	EBV Index	EBV Acc Index	EBV Acc Index	EBV Acc Index		EBV Acc Index
		Active Breed Average:				100	100	-0.06	-0.02	-0.06	0.50	-0.36	-0.31	-0.30	0.15	
14 9176 22 0006 95405098	2.92	762 17 0091 1805 19 0049			94	103	-1.01 26 88	-0.02 25 100	-0.53 91	-1.44 17 86	-0.60 15 101	-1.39 23 95	5.88 30 92	-4.64 20 115	3	
15 9108 22 0085 95946760	7.58	9108 19 0027 762 17 0204			87	91	-0.44 27 95	-0.02 25 100	-0.24 96	0.26 17 97	-4.60 16 82	-3.22 24 84	-1.79 52 102	0.85 19 100	5	
16 9134 23 0001 96989470	3.26	493 18 0092 959 18 0004			94	100	-0.63 28 93	-0.05 25 100	-0.36 94	-0.79 17 90	-1.80 15 95	-1.76 24 92	-3.22 33 104	-0.76 19 104	4	
17 9114 23 0009 97522817	2.57	1298 21 0426 1298 20 0172			106	102	0.35 28 104	-0.25 24 95	-0.08 99	1.44 18 105	0.80 10 107	0.58 22 106	2.65 33 96	-1.94 24 107	1	
18 9110 24 0003 99805020	4.01	9108 19 0027 9108 19 0023			94	101	-0.56 21 93	0.18 20 105	-0.10 99	-0.34 16 93	-2.90 14 90	-2.12 19 90	-11.44 29 114	2.66 17 95	7	
		Sire Flock Average: Number of sires used in the flock: 18				94	99	-0.34	0.01	-0.17	-0.01	-2.05	-1.57	3.31	-2.24	

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-breeding	Sire ID Dam ID	1st Generation	2nd Generation	Logix Merit Index	Repro- duction Index	Weaning Weight		Post-Wean		Number Weaned	TWW	AFL	ILP	Dam
			Progeny Number	Progeny Number			Dir	Mat	Comb						
			Weaned Herds	Weaned Herds											
		Active Breed Average:			100	100	-0.06	-0.02	-0.06	0.50	-0.36	-0.31	-0.30	0.15	
1	9114 23 0009 97522817	2.57	298 21 0426 298 20 0172		106	102	0.35 28 104	-0.25 24 95	-0.08 99	1.44 18 105	0.80 10 107	0.58 22 106	2.65 33 96	-1.94 24 107	1
2	9140 26 0007 114091754	2.89	1114 23 0009 1179 22 0002		105	106	-0.16 14 98	-0.08 12 99	-0.16 98	0.48 9 99	1.20 5 109	0.48 11 105	1.02 17 99	-1.62 13 106	3
3	9140 24 0001 100164748	2.99	298 21 0508 1108 20 0020		102	105	0.16 28 102	0.29 25 108	0.37 107	0.72 15 100	-1.10 12 98	-0.21 23 101	5.42 31 93	-3.87 22 113	3
4	9140 23 0005 99094633	2.89	493 18 0092 1179 22 0002		100	101	-0.29 15 96	-0.17 13 97	-0.31 95	0.19 5 97	-0.40 5 102	-0.70 12 99	-6.24 25 108	1.92 11 97	3
5	9140 26 0001 112191085	2.90	1114 23 0009 1116 22 0002		99	98	0.16 21 102	-0.15 18 97	-0.07 99	0.88 12 101	-0.70 10 100	-0.41 17 100	5.50 21 93	-1.57 16 106	2
6	9140 26 0008 114091747	2.63	1114 23 0009 1160 24 0003		98	102	-0.42 18 95	-0.01 16 101	-0.22 97	-0.04 12 95	-0.80 9 100	-0.91 15 97	1.31 21 98	-1.57 15 106	2
7	9140 24 0004 107483596	2.89	1114 23 0009 1140 22 0007		96	98	-0.28 21 97	-0.15 19 97	-0.29 95	0.09 13 96	-1.00 11 99	-1.03 18 97	7.89 23 90	-3.38 16 111	3
8	9140 25 0001 109797019	3.77	1176 22 0006 1116 22 0002		93	98	-0.52 21 94	-0.04 18 100	-0.30 95	-0.56 12 92	-1.50 12 96	-1.46 18 94	7.11 20 91	-2.92 14 110	2

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					
Animal ID Computer nr	% In-breeding	Sire ID Dam ID	Logix Merit Index	Repro- duction Index	Weaning Weight		Post-Wean		Number Weaned	TWW	AFL	ILP	EPI	Times Lambd	
					Dir EBV Acc Index	Mat EBV Acc Index	Comb EBV Acc Index	EBV Acc Index							EBV Acc Index
Active Breed Average:				100	100	-0.06	-0.02	-0.06	0.50	-0.36	-0.31	-0.30	0.15		
1	9140 24 0006 107483505	3.31	9114 23 0009 - - -	105	106	-0.16 14 98	-0.09 12 99	-0.17 97	0.48 9 99	1.20 5 109	0.47 11 105	1.13 17 98	-1.44 12 106	0	
2	9140 24 0005 107483497	3.31	9114 23 0009 - - -	105	106	-0.16 14 98	-0.09 12 99	-0.17 97	0.48 9 99	1.20 5 109	0.47 11 105	1.13 17 98	-1.44 12 106	0	
3	9140 25 0004 111471330	3.87	9114 23 0009 - - -	105	106	-0.16 14 98	-0.09 12 99	-0.17 97	0.48 9 99	1.20 5 109	0.47 11 105	1.13 17 98	-1.44 12 106	0	
4	9193 25 0001 107771099	5.47	1413 22 0001 9193 24 0003	105	109	-0.34 32 96	0.37 26 110	0.20 104	0.35 20 98	0.00 14 103	0.03 26 103	-6.91 27 109	1.92 18 97	0	
5	9179 22 0002 95947172	2.87	1332 19 0128 1805 20 0016	104	110	-0.66 5 92	0.09 5 103	-0.24 96	-0.49 5 92	1.60 5 111		-0.61 11 101	-1.31 15 106	3	
6	9140 26 0006 114091762	2.93	9114 23 0009 9189 24 0001	97	98	-0.05 18 99	-0.07 16 99	-0.10 99	0.82 12 101	-1.70 9 95	-1.14 15 96	-0.18 23 100	-0.75 15 104	0	
7	9140 26 0005 114091770	2.93	9114 23 0009 9189 24 0001	97	98	-0.05 18 99	-0.07 16 99	-0.10 99	0.82 12 101	-1.70 9 95	-1.14 15 96	-0.18 23 100	-0.75 15 104	0	
8	9187 25 0003 109435156	3.94	9114 22 0003 9108 22 0006	97	100	-0.15 19 98	0.09 18 103	0.02 101	0.30 11 98	-0.90 11 99	-0.59 17 99	12.13 24 84	-4.11 16 113	0	
9	9140 23 0004 99095366	3.04	9107 22 0003 - - -	97	103	-0.71 15 92	0.07 15 103	-0.28 95	-0.46 12 93	-1.00 11 99	-1.24 14 95	-4.26 17 105	0.71 12 100	0	
10	9202 25 0001 109796680	3.34	9134 23 0001 9116 23 0002	93	97	-0.33 21 96	-0.05 18 100	-0.21 97	-0.24 12 94	-2.10 12 94	-1.64 18 93	0.67 22 99	-0.01 14 102	0	
11	9110 21 0001 99804999	4.13	9108 20 0035 9108 19 0023	93	101	-0.73 20 92	0.11 20 104	-0.25 96	-0.75 14 91	-1.80 14 95	-1.70 19 93	4.63 24 94	-3.77 16 112	2	
12	9116 22 0002 95412995	2.80	762 19 0465 1512 18 0002	93	94	-0.03 32 99	-0.05 26 100	-0.07 99	0.31 17 98	-2.30 18 93	-1.46 26 94	8.34 27 89	-1.21 20 105	2	
13	9140 26 0003 112952569	4.80	9110 24 0003 9140 22 0007	90	98	-0.74 19 91	0.07 18 103	-0.30 95	-0.80 12 90	-2.80 12 90	-2.35 17 89	0.85 21 99	-1.08 14 105	0	
14	9160 24 0003 99805053	4.55	9134 22 0001 1413 19 0043	90	101	-1.19 23 86	0.23 22 107	-0.37 94	-1.51 16 86	-2.40 14 92	-2.40 21 89	-0.03 25 100	-1.20 17 105	2	
15	9189 24 0001 101387694	4.64	9108 22 0085 9108 21 0006	89	95	-0.45 22 95	0.11 22 103	-0.12 98	0.20 15 97	-4.20 15 84	-2.87 20 86	-3.00 32 104	0.43 16 101	1	

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				
Animal ID Computer nr	% In-breeding	Sire ID Dam ID	Logix Merit Index	Reproduction Index	Weaning Weight		Post-Wean		Number Weaned	TWW	AFL	ILP	EPI	Times Lambded
					Dir	Mat	Comb							
					Acc	EBV Index	Acc	EBV Index	EBV Index	Acc	EBV Index	Acc	EBV Index	Acc
Active Breed Average:			100	100	-0.06	-0.02	-0.06	0.50	-0.36	-0.31	-0.30	0.15		
16	9108 20 0020 95405023	5.49	762 16 0523 762 17 0020	89	94	-0.46 32	0.07 32	-0.16 98	-0.13 15	-2.60 20	-1.95 29	15.15 36	-3.70 24	3
17	9102 25 0002 107200255	3.45	762 17 0297 9102 20 0001	86	95	-1.11 32	-0.20 31	-0.75 87	-0.84 25	-2.90 24	-3.05 30	3.18 31	-3.14 22	0
18	9140 22 0007 95587788	9.05	762 17 0091 9108 20 0020	86	94	-0.91 31	-0.04 30	-0.50 92	-1.26 19	-2.70 18	-2.57 28	13.14 31	-4.83 23	3