

DORMER GENETIC REPORT

21 September 2026

dormer

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FDM : WDS



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 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.

Three Indices are constructed for the Dormer breed, namely a Growth Index, Ewe Index and the Logix Merit Index. These indices, their purpose and the contribution of the different traits to the indices are summarised as follows :

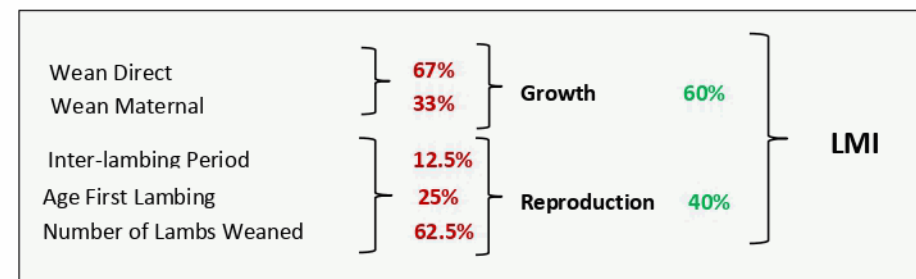
Logix Merit Index (LMI)

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 :

$$LMI = 0.4 \text{ Wean Dir} + 0.2 \text{ Wean Mat} + 0.10 \text{ AFL} + 0.05 \text{ ILP} + 0.25 \text{ N_Lambs_weaned}$$

Schematically the LMI can be explained as follows :



Growth Index (GI)

The Growth Index indicates growth potential up to weaning and is a combination of Wean Direct and Maternal breeding values. The Growth Index is useful to indicate an animal's advantage at weaning for marketing.

The GI is constructed as follows :

$$GI = 0.67 \text{ Wean Dir} + 0.33 \text{ Wean Mat}$$

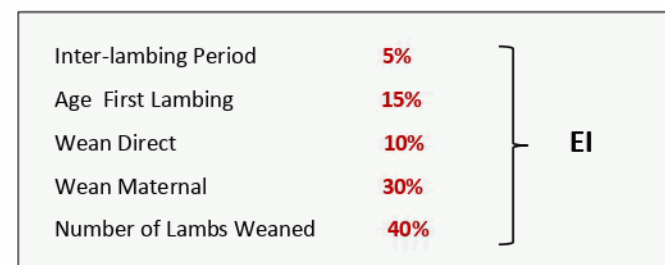
Ewe Index (EI)

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

The **Ewe Index** is constructed as follows :

$$EI = (0.15 * AFL) + (0.05 * ILP) + (0.30 * \text{Wean Mat}) + (0.40 * \text{N_Lambs_Weaned}) + (0.10 * \text{Wean Dir})$$

Schematically it can be explained as follows :



Active Genetic Levels

Breeding Values

Trait	Flock **			Breed		
	All	Rams	Ewes	All	Rams	Ewes
Weaning Weight Direct	-1.32	-0.57	-1.53	1.56	2.07	1.33
Weaning Weight Maternal	0.31	0.96	0.13	-0.01	-0.12	0.04
Weaning Weight Combined	-0.36	0.68	-0.64	0.77	0.92	0.71
Post-wean Weight	-3.29	-2.23	-3.58	1.06	1.63	0.80
Number Lambs Weaned	-1.86	-0.57	-2.22	0.68	0.76	0.65
Total Weight Weaned	-2.14	0.05	-2.73	1.96	2.41	1.76
Age at First Lambing	-2.73	-0.99	-3.20	0.51	0.60	0.47
Interlambing Period	-1.02	0.42	-1.41	0.14	0.26	0.09
Selection Indices						
Logix Merit Index	86	94	84	103	105	103
Ewe Index	98	105	96	103	104	103
Growth Index	84	93	81	103	106	102
Inbreeding						
Inbreeding (%)	5.70	5.65	5.60	7.48	7.73	7.36
Number of Animals						
Number of Animals	14	3	11	20502	6322	14167

** Averages of all active animals in the flock.

Breeding Value Indices

Trait	Flock **		
	All	Rams	Ewes
Weaning Weight Direct	80.8	85.5	79.5
Weaning Weight Maternal	104.3	111.6	102.3
Weaning Weight Comb	89.2	99.5	86.4
Post-wean Weight	80.9	84.8	79.8
Number Lambs Weaned	91.8	96.0	90.6
Total Weight Weaned	83.5	92.4	81.0
Age First Lambing	106.7	103.2	107.7
Interlambing Period	103.1	99.2	104.2
Selection Indices			
Logix Merit Index	85.8	94.0	83.6
Ewe Index	97.8	104.9	95.9
Growth Index	84.0	93.1	81.5
Inbreeding			
Inbreeding (%)	5.70	5.65	5.60
Number of Animals			
Number of Animals	14	3	11

** 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

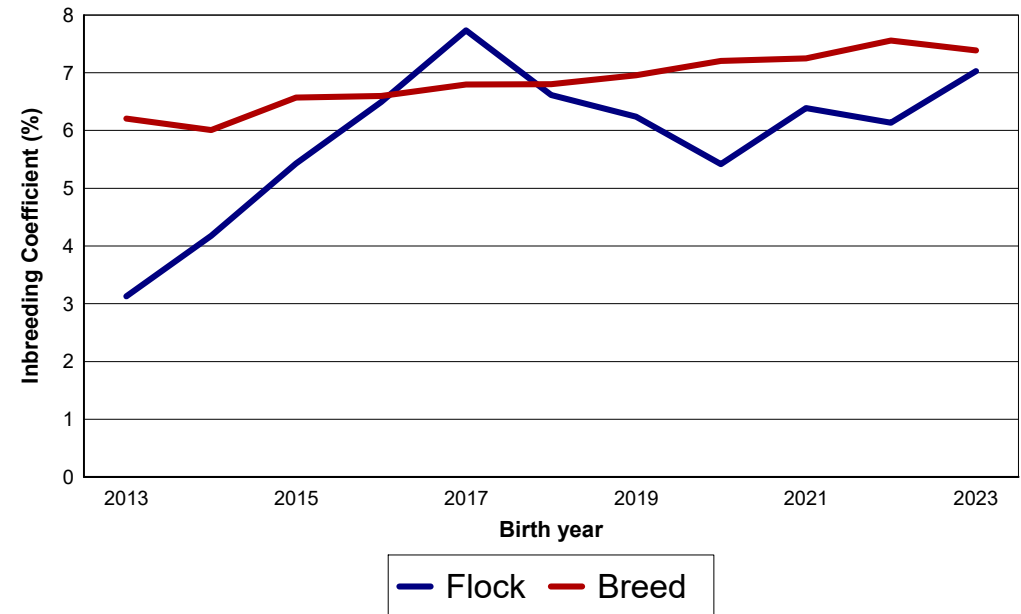
Progeny with Parents :	25%
Full Brother x Full Sister :	25%
Half Brother x Half Sister :	12.5%
One Common Grandparent :	6.25%
One Common Great-Grandparent :	3.125%

Level and Rate of Inbreeding

Year of Birth	Level* (%)	Rate (% / year)
2013 - 2023	7.03	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	14	100
Known Dams	14	100

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

Genetic Windows

Genetic Linkage

(Based on the youngest measured generation)

Level	Nr of Link Rams
Geen / None	0

A link ram should have at least 20 measured progeny in your flock and at least another 20 measured progeny in at least one more flock.

Try to use at least 5 link rams in a 5 year period to obtain strong genetic linkage within the breed.

All animals in flock

Number: 14



WWd: Weaning Weight Direct
WWm: Weaning Weight Maternal
WWc: Weaning Weight Combined
PoW: Post-Weaning Weight
L-wean: Number of Lambs Weaned
TWW: Total Weight Weaned
AFL: Age at First Lambing
ILP: Interlambing Period
EI: Ewe Index
GI: Growth Index

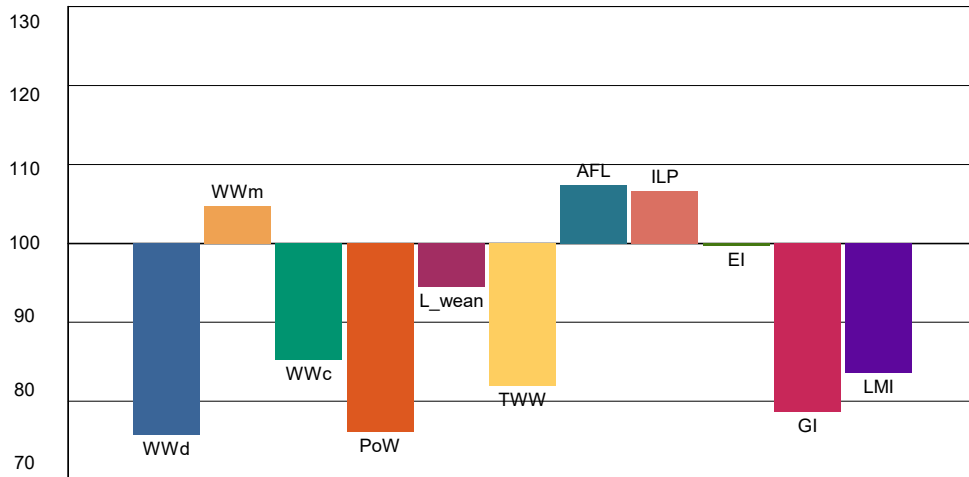
The genetic windows allow a quick overview of the genetic status of the flock compared to the breed. The values presented here are the average EBV indices of all the active animals of the flock, of the dams and the sires of the active animals of the flock, as well as of the ewes and rams that are younger than 2 years old. An index of 100 is equal to the average of the active 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

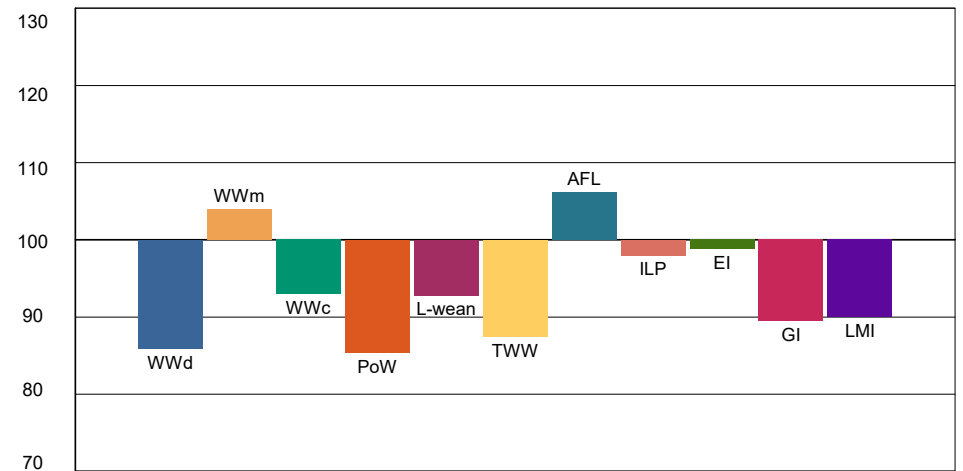
Dams

Number: 14



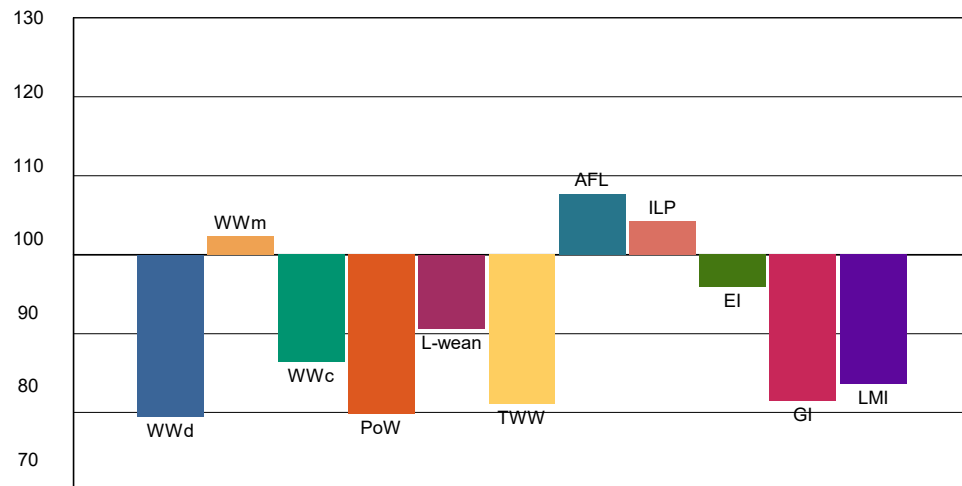
Sires

Number: 11



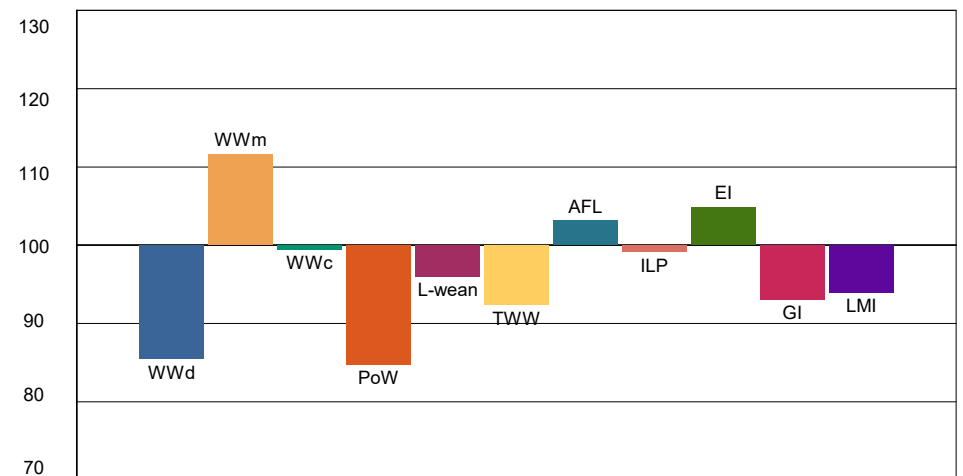
Young Ewes

Number: 11



Young Rams

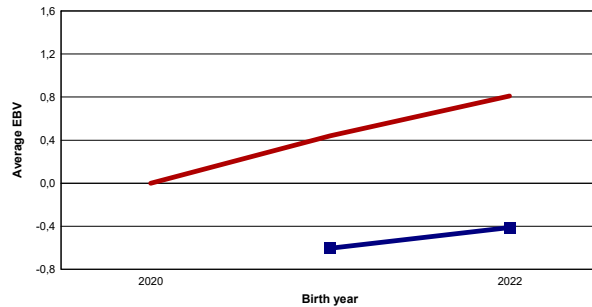
Number: 3



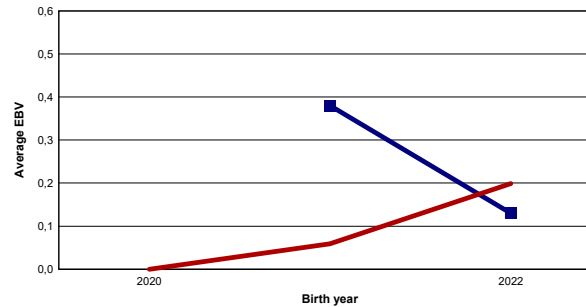
Genetic Trends

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

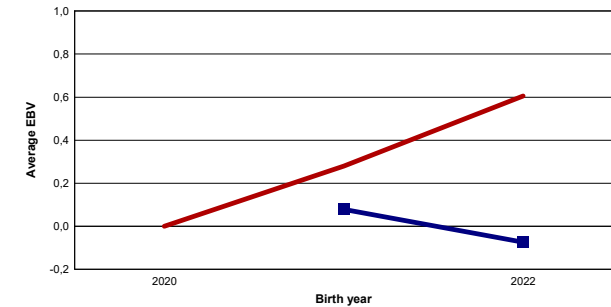
Weaning Weight Direct



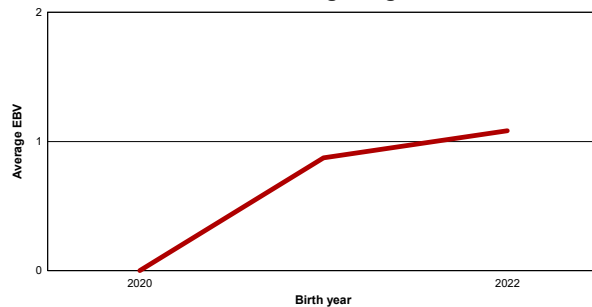
Weaning Weight Maternal



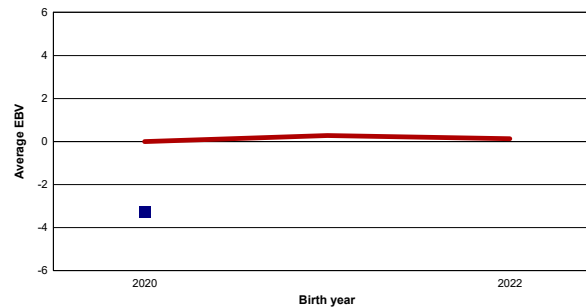
Weaning Weight Combined



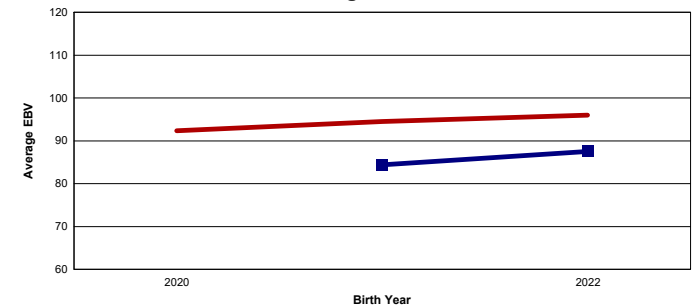
Post-weaning Weight



Number of Lambs Weaned

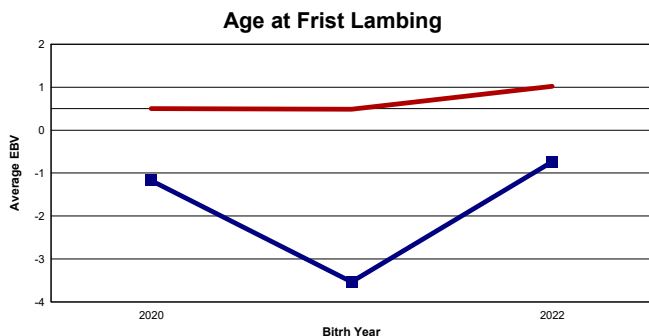


Total Weight Weaned

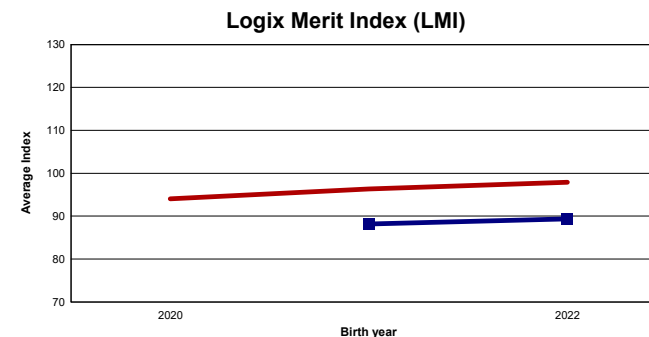
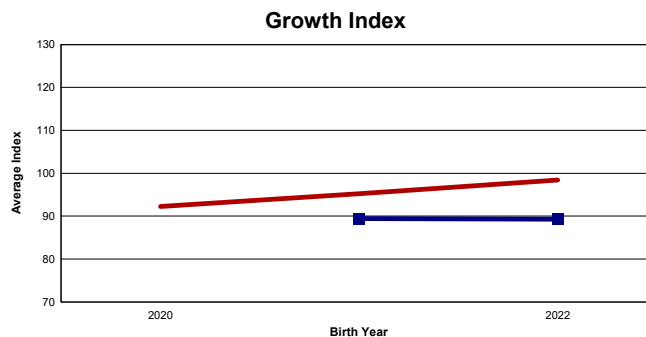
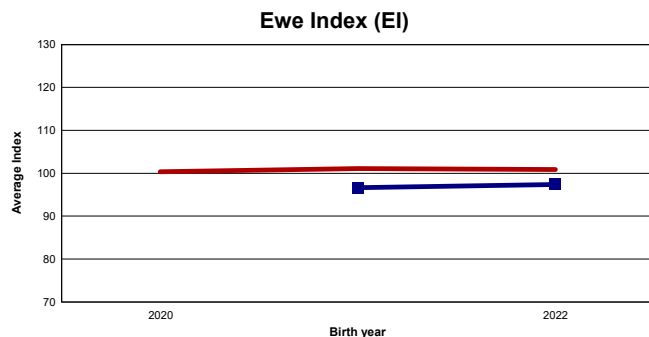
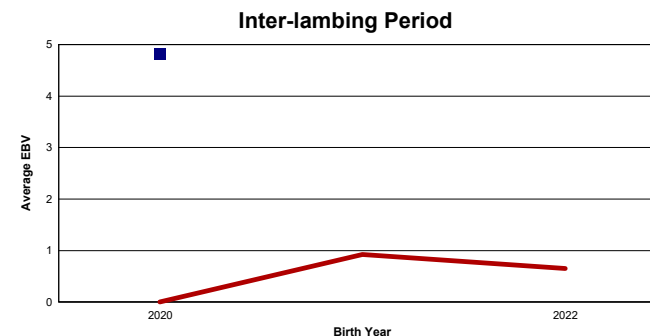


Genetic Trends

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		EI	LMI	
	EBV					Number	EBV	Number	EBV	Number	EBV	Number	EBV			
	Number	Dir	Mat	Comb												Number
2014	11795	-1.16	-0.08	-0.66	3359	-1.69	2734	0.26	11795	88	2802	0.01	1869	0.30	99	88
2015	10537	-1.03	-0.02	-0.53	2249	-1.83	2556	-0.43	10537	88	2589	0.06	1733	0.21	99	88
2016	11125	-0.78	-0.08	-0.47	2606	-1.51	2653	0.25	11125	89	2603	-0.02	1882	0.24	99	89
2017	10555	-0.62	-0.09	-0.40	2067	-0.69	2488	0.37	10555	90	2432	0.11	1654	-0.37	100	90
2018	11181	-0.27	-0.09	-0.22	2944	-0.61	2763	0.13	11181	91	2603	0.41	1923	0.10	99	92
2019	10894	-0.23	0.02	-0.10	1270	0.65	2814	0.11	10894	92	2733	-0.28	1948	0.04	101	93
2020	10324	0.00	0.00	0.00	2195	0.00	2426	0.00	10324	92	2501	0.00	1836	0.00	100	94
2021	11647	0.44	0.06	0.28	2124	0.87	2900	0.27	11647	95	2916	-0.01	1907	0.92	101	96
2022	11484	0.81	0.20	0.61	2069	1.08	2412	0.13	11484	96	2505	0.52	1552	0.65	101	98
2023	11525	1.20	0.04	0.64	1647	1.72	2291	0.47	11525	97	2546	1.06	1312	0.95	101	100
2024	10438	1.42	-0.06	0.65	2447	1.90	1039	0.78	10438	98	1678	0.53	306	-0.93	101	101
2025	9676	1.87	-0.09	0.84	2315	2.36	73	-0.35	9676	101	192	2.07			103	104

Genetic Trends of Flock

Birth year	Weaning Weight				Post-Wean	Lambs Weaned		TWW	AFL	ILP	EI	LMI
	Number	Dir	Mat	Comb	Number	EBV	Number	EBV	Number	EBV	Number	EBV
2020							15	-3.29	20	-1.67	10	4.81
2021	26	-0.60	0.38	0.08					7	-4.03	26	97
2022	64	-0.41	0.13	-0.08			64	88	5	-1.24	64	97

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	SD*	Min	Percentiles (%)															Max
				1	5	10	20	25	30	40	50	60	70	75	80	90	95	99	
Weaning Weight Direct	1.56	2.27	-27.86	-4.89	-1.06	-0.28	0.51	0.79	1.02	1.46	1.84	2.19	2.55	2.73	2.94	3.46	3.86	4.66	9.36
Weaning Weight Maternal	-0.01	1.23	-3.36	-2.07	-1.46	-1.16	-0.81	-0.68	-0.56	-0.34	-0.13	0.08	0.32	0.46	0.62	1.12	1.63	3.92	15.09
Weaning Weight Combined	0.77	1.15	-3.93	-1.86	-0.95	-0.54	-0.09	0.08	0.23	0.49	0.73	0.98	1.25	1.40	1.58	2.04	2.52	3.92	12.74
Post-Wean Weight	1.06	3.11	-37.11	-7.31	-2.48	-1.69	-0.73	-0.36	0.02	0.66	1.26	1.81	2.40	2.72	3.08	4.01	4.98	6.60	10.30
Number of Lambs Weaned	0.68	3.60	-16.30	-6.50	-4.40	-3.40	-2.20	-1.70	-1.30	-0.50	0.30	1.00	2.00	2.50	3.20	5.40	7.80	11.00	20.90
Total Weight Weaned	1.96	2.97	-13.84	-4.75	-2.36	-1.36	-0.32	0.07	0.44	1.08	1.73	2.41	3.15	3.58	4.13	5.80	7.56	9.87	16.57
Age at First Lambing	0.51	-5.64	27.84	15.72	10.06	7.25	4.26	3.33	2.52	1.26	0.20	-0.81	-1.89	-2.49	-3.17	-5.13	-7.07	-14.86	-43.14
Interlambing Period	0.15	-4.29	22.05	10.36	7.15	5.50	3.74	2.98	2.30	1.19	0.20	-0.88	-2.04	-2.70	-3.42	-5.38	-6.90	-9.89	-15.02
Growth Index	103	12	57	73	83	88	94	96	98	101	104	107	109	111	113	117	121	130	162
Ewe Index	103	12	61	77	85	89	94	96	97	100	103	106	109	111	113	119	125	133	155
Logix Merit Index	104	12	61	78	85	89	94	96	97	100	103	106	109	111	113	119	124	132	149

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

Breeding Value & Selection Index Percentiles

All Active Rams

Trait	Avg	SD*	Min	Percentiles (%)															Max
				1	5	10	20	25	30	40	50	60	70	75	80	90	95	99	
Weaning Weight Direct	2.07	1.28	-4.42	-1.05	-0.12	0.39	0.99	1.23	1.45	1.82	2.13	2.43	2.78	2.96	3.16	3.63	4.01	4.77	9.36
Weaning Weight Maternal	-0.12	0.84	-2.69	-1.85	-1.35	-1.10	-0.80	-0.67	-0.56	-0.36	-0.17	0.02	0.23	0.35	0.49	0.89	1.26	2.29	8.50
Weaning Weight Combined	0.92	1.04	-2.65	-1.24	-0.59	-0.28	0.12	0.27	0.41	0.65	0.87	1.09	1.33	1.49	1.65	2.08	2.51	3.90	12.74
Post-Wean Weight	1.63	2.12	-6.89	-2.80	-1.74	-1.14	-0.23	0.17	0.52	1.10	1.59	2.12	2.66	3.01	3.36	4.33	5.31	6.71	10.30
Number of Lambs Weaned	0.76	3.45	-8.80	-5.60	-4.00	-3.10	-2.00	-1.60	-1.20	-0.40	0.20	1.00	1.90	2.50	3.10	5.40	7.90	10.80	14.40
Total Weight Weaned	2.41	2.70	-5.22	-2.83	-1.37	-0.67	0.22	0.58	0.90	1.43	2.07	2.71	3.38	3.82	4.33	6.05	7.96	10.05	14.81
Age at First Lambing	0.60	-4.85	23.09	14.12	9.53	6.87	3.89	2.99	2.25	1.03	0.06	-0.84	-1.82	-2.30	-2.90	-4.47	-6.04	-10.31	-38.41
Interlambing Period	0.26	-3.84	17.61	9.09	6.44	5.11	3.54	2.83	2.19	1.24	0.35	-0.58	-1.68	-2.30	-2.88	-4.77	-6.11	-9.05	-13.77
Growth Index	106	10	71	82	89	93	98	99	101	104	106	108	111	113	114	118	121	131	162
Ewe Index	104	11	67	79	86	91	95	96	98	101	103	105	108	110	112	119	125	133	145
Logix Merit Index	105	11	74	82	89	92	96	97	99	102	105	108	111	112	114	121	125	133	146

All Active Ewes

Trait	Avg	SD*	Min	Percentiles (%)															Max
				1	5	10	20	25	30	40	50	60	70	75	80	90	95	99	
Weaning Weight Direct	1.33	2.56	-27.86	-10.12	-1.46	-0.56	0.28	0.58	0.84	1.28	1.68	2.05	2.43	2.62	2.82	3.36	3.77	4.58	8.26
Weaning Weight Maternal	0.04	1.37	-3.36	-2.17	-1.51	-1.18	-0.82	-0.68	-0.56	-0.33	-0.11	0.11	0.37	0.52	0.69	1.24	1.82	5.47	15.09
Weaning Weight Combined	0.71	1.19	-3.93	-2.01	-1.08	-0.65	-0.18	-0.01	0.14	0.42	0.67	0.92	1.20	1.35	1.55	2.03	2.53	3.93	11.44
Post-Wean Weight	0.81	3.43	-37.11	-13.29	-2.80	-1.94	-0.96	-0.57	-0.21	0.46	1.08	1.66	2.26	2.58	2.95	3.87	4.76	6.46	9.35
Number of Lambs Weaned	0.65	3.66	-16.30	-6.90	-4.60	-3.50	-2.20	-1.70	-1.30	-0.50	0.30	1.00	2.00	2.60	3.30	5.40	7.70	11.00	20.90
Total Weight Weaned	1.76	3.06	-13.84	-5.37	-2.72	-1.70	-0.56	-0.15	0.20	0.88	1.57	2.25	3.04	3.49	4.01	5.67	7.31	9.71	16.57
Age at First Lambing	0.48	-5.96	27.84	16.20	10.34	7.40	4.40	3.48	2.64	1.36	0.26	-0.79	-1.93	-2.60	-3.33	-5.43	-7.74	-16.27	-43.14
Interlambing Period	0.09	-4.47	22.05	10.92	7.51	5.71	3.82	3.03	2.36	1.17	0.13	-1.03	-2.21	-2.90	-3.66	-5.60	-7.32	-10.15	-15.02
Growth Index	102	12	57	71	82	86	92	95	97	100	103	106	109	110	112	116	120	130	162
Ewe Index	103	12	61	76	84	88	93	95	97	100	103	106	109	111	113	119	125	133	155
Logix Merit Index	103	12	61	76	84	88	93	94	96	99	102	105	109	110	113	118	123	132	149

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

Rams



Genotyped

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 Regnr		Parents Sire Dam		% In- breeding	Logix Merit Index	Growth Index	Ewe Index	Dir		Wean Weight		Post-Wean	Number Weaned	TWW		AFL		ILP		Dam	
								EBV Acc Index	EBV Acc Index	EBV Acc Index	EBV Acc Index			EBV Acc Index	EBV Acc Index	EBV Acc Index	EBV Acc Index	EPI	Times Lambd		
Active Breed Average:					100	100	100	1.56	-0.01	0.77	1.06	0.68	1.96	0.51	0.14						
T 20 0055 89855712		SL 18 0118 T 16 0099	8.42	85	93	92	-0.72 64 85	1.09 56 113	0.74 100	-2.27 34 85	-4.30 46 84	-2.20 57 83	5.73 43 89	-0.62 36 102	85	3					
T 20 0198 89856579		SL 18 0115 T 14 0233	4.15	104	94	116	-0.05 78 89	0.52 63 107	0.49 98	-1.21 48 90	3.30 48 109	2.45 65 102	-6.49 41 114	0.23 34 100	121	8					
T 20 0204 89852933		SL 18 0115 T 18 0031	4.39	93	92	107	-0.95 84 83	1.27 80 115	0.80 101	-3.21 30 80	-0.70 58 96	-0.10 76 92	-2.21 51 106	1.64 42 96	85	1					
Ram Flock Average: Number of rams in the flock: 3					94	93	105	-0.57	0.96	0.68	-2.23	-0.57	0.05	-0.99	0.42						

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 ID Regnr	Parents Sire Dam		% In- breeding	Logix Merit Index	Growth Index	Ewe Index	Wean Weight		Post-Wean	Number Weaned	TWW	AFL	ILP	Times EPI Lambd
							Dir	Mat	Comb					
							EBV Acc Index	EBV Acc Index	EBV Index	EBV Acc Index	EBV Acc Index	EBV Acc Index	EBV Acc Index	Phenotype
Active Breed Average:				100	100	100	1.56	-0.01	0.77	1.06	0.68	1.96	0.51	0.14
T 13 0161 72671902	T 10 0177 T 09 0013	3.13	77	64	102	-4.34 74 64	0.11 79 102	-2.06 72	-8.22 36 64	-0.50 66 96	-4.53 74 74	-7.65 56 117	-8.03 47 122	163 8
T 15 0059 76404714	JB 12 0113 T 10 0126	7.45	91	84	102	-0.73 74 85	-0.29 79 98	-0.65 86	-2.54 44 83	1.00 65 101	-0.42 74 91	-3.09 56 108	1.12 49 97	103 7
T 15 0060 76404722	JB 12 0113 T 10 0003	6.77	77	66	92	-2.37 67 74	-1.34 69 86	-2.53 68	-5.47 43 70	-1.00 57 95	-4.31 65 75	-7.30 53 116	-5.16 47 114	84 5
T 15 0085 76404946	VE 11 0013 T 12 0006	4.16	65	75	74	-2.29 63 74	0.04 63 101	-1.11 82	-3.47 36 79	-10.30 53 64	-8.43 61 58	-2.83 44 107	-2.55 37 107	86 6
T 16 0009 78545811	VE 13 0035 T 13 0431	3.49	94	79	111	-1.48 73 80	-0.21 75 99	-0.95 83	-1.80 42 87	3.70 61 110	0.54 71 94	-6.95 52 115	-0.93 44 103	117 6
T 17 0115 80430937	T 14 0300 T 10 0086	5.67	69	74	87	-3.20 65 68	0.98 66 112	-0.62 87	-8.01 33 64	-4.80 54 82	-5.09 63 71	4.27 49 92	3.92 39 90	84 4
T 17 0208 80432883	T 14 0278 T 14 0129	8.49	91	89	106	-1.38 62 80	1.23 60 115	0.54 98	-3.26 25 80	-1.00 49 95	-0.75 58 89	-4.22 44 110	0.52 36 99	82 4
T 17 0244 80433246	T 16 0016 T 11 0026	5.92	98	109	94	1.90 65 102	0.52 66 107	1.47 107	1.68 38 103	-6.60 54 76	-1.54 63 86	-6.90 46 115	0.27 37 100	106 5
T 17 0292 80433725	GMO 14 0025 T 16 0122	4.98	72	70	86	-2.30 63 74	-0.74 62 93	-1.89 74	-4.16 32 76	-2.30 51 90	-4.41 60 74	-0.84 42 103	4.32 34 89	86 4
RIO 22 0006 94074630	PHR 20 0373 PHR 20 0218	4.61	106	105	104	2.03 59 103	-0.20 52 99	0.82 101	1.07 41 100	0.00 41 98	1.83 52 100	-3.03 37 107	-3.88 29 111	1
WDS 22 0041 96587324	SL 18 0118 T 14 0255	6.88	80	80	98	-2.67 63 72	1.31 57 116	-0.02 93	-5.17 29 71	-2.60 46 89	-2.92 57 80	3.33 42 94	-5.08 35 114	0
Ewe flock average: Total ewes in flock: 11			84	81	96	-1.53	0.13	-0.64	-3.58	-2.22	-2.73	-3.20	-1.41	

Sires Used in Flock



Genotyped

*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 Regnr	% In-breeding	Sire ID Dam ID	1st Generation		2nd Generation		Logix Merit Index	Growth Index	Ewe Index	Weaning Weight		Comb	Post-Wean	Number Weaned	TWW	AFL	ILP	Dam		
			Prog Weaned	Nr Flocks	Prog Weaned	Nr Flocks				Dir EBV Acc Index	Mat EBV Acc Index								EBV Index	EBV Acc Index
		Active Breed Average:						100	100	100	1.56	-0.01	0.77	1.06	0.68	1.96	0.51	0.14		
T 10 0177 66858085	16.99	J 08 0311 T 09 0045	372	5	101	2	98	76	122	-2.49 97	0.47 73	-0.78 85	-6.13 63	5.80 90	1.46 95	-6.10 85	-12.33 76	124	7	
VE 11 0013 69527562	3.16	VZ 06 0065 VE 06 0019	45	2	11	2	78	84	84	-0.95 86	-0.12 81	-0.59 87	-3.42 58	-6.20 67	-4.79 80	-1.26 58	-2.38 49	131	5	
JB 12 0113 70706288	4.01	JB 11 0087 J 06 0132	278	2	78	2	95	92	96	0.91 97	-1.01 96	-0.55 87	-1.01 76	-1.10 90	-0.76 95	-4.22 83	-6.06 76	120	4	
VE 13 0035 72222813	21.20	VZ 08 0070 VE 11 0038	158	6	40	6	101	94	104	1.06 95	-0.82 92	-0.29 90	1.31 76	0.40 83	0.49 91	-13.25 77	5.13 66	91	1	
GMO 14 0025 73594350	4.28	VE 11 0015 GMO 10 0042	45	1	13	1	63	62	79	-3.16 84	-1.11 76	-2.69 66	-5.07 37	-3.40 63	-6.31 76	0.88 54	4.19 42	86	3	
T 14 0278 74690157	5.36	T 09 0077 T 12 0226	65	1	19	1	91	77	113	-2.42 87	0.48 81	-0.73 86	-5.32 33	2.50 67	-0.44 80	-9.41 59	-2.04 49	93	3	
T 14 0300 74690371	3.68	T 11 0072 T 10 0061	87	1	37	1	69	77	90	-3.52 92	1.81 90	0.05 93	-7.45 51	-4.20 78	-4.23 88	7.38 70	8.42 56	89	3	
T 16 0016 78545886	3.32	VE 13 0035 T 12 0132	139	3	38	3	115	127	105	4.03 92	0.92 87	2.93 122	4.18 54	-4.90 74	2.01 86	-11.81 66	5.82 53	89	4	
SL 18 0115 82630856	11.55	SL 17 0032 SL 17 0016	45	2	9	1	89	88	104	-1.20 85	0.88 76	0.28 96	-3.13 38	0.80 58	0.16 75	0.84 51	8.84 40	107	6	
SL 18 0118 82630492	5.60	SL 17 0032 SL 12 0040	117	5	36	4	67	79	85	-3.49 91	2.05 86	0.30 96	-5.09 41	-7.20 68	-5.76 84	12.30 64	-4.22 50	147	7	
PHR 20 0373 90145012	5.31	VR 18 0366 PHR 16 0649	112	7	33	3	124	130	106	5.62 92	-0.47 86	2.35 116	7.14 74	0.50 70	5.46 85	-2.41 67	4.36 51	142	8	
		Sire Flock Average:						90	89	99	-0.51	0.28	0.03	-2.18	-1.55	-1.16	-2.46	0.88		
			Number of sires used in the flock: 11																	

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 Regnr	% In- bding	Sire ID Dam ID	1st Generation		2nd Generation		Logix Merit Index	Growth Index	Ewe Index	Weaning Weight		Comb	Post-Wean	Number Weaned	TWW	AFL	ILP	Dam			
			Prog	Nr	Prog	Nr				Dir	Mat										
			Progeny Weaned	Flocks	Progeny Weaned	Flocks				EBV Acc Index	EBV Acc Index								EBV Index	EBV Acc Index	EBV Acc Index
			Active Breed Average:						100	100	100	1.56	-0.01	0.77	1.06	0.68	1.96	0.51	0.14		
1	T 20 0198 89856579	4.15	SL 18 0115 T 14 0233	30	3	4	2	104	94	116	-0.05 78 89	0.52 63 107	0.49 98	-1.21 48 90	3.30 48 109	2.45 65 102	-6.49 41 114	0.23 34 100	121	8	
2	T 20 0204 89852933	4.39	SL 18 0115 T 18 0031	46	1	21	1	93	92	107	-0.95 84 83	1.27 80 115	0.80 101	-3.21 30 80	-0.70 58 96	-0.10 76 92	-2.21 51 106	1.64 42 96	85	1	
3	T 20 0055 89855712	8.42	SL 18 0118 T 16 0099	2	1			85	93	92	-0.72 64 85	1.09 56 113	0.74 100	-2.27 34 85	-4.30 46 84	-2.20 57 83	5.73 43 89	-0.62 36 102	85	3	

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 Regnr	% In-breeding	Sire ID Dam ID	Logix Merit Index	Growth Index	Ewe Index	Dir EBV Acc	Weaning Weight Mat EBV Index	Comb EBV Index	Post-Wean EBV Acc	Number Weaned EBV Acc	TWW EBV Acc	AFL EBV Acc	ILP EBV Acc	EPI Phenotype	Times Lambd
Active Breed Average:				100	100	100	1.56	-0.01	0.77	1.06	0.68	1.96	0.51	0.14	
1 RIO 22 0006 94074630	4.61	PHR 20 0373 PHR 20 0218	106	105	104	2.03 59	-0.20 99	0.82 101	1.07 41	0.00 41	1.83 52	-3.03 37	-3.88 29	111	1
2 T 17 0244 80433246	5.92	T 16 0016 T 11 0026	98	109	94	1.90 65	0.52 107	1.47 107	1.68 38	-6.60 54	-1.54 63	-6.90 46	0.27 37	100	5
3 T 16 0009 78545811	3.49	VE 13 0035 T 13 0431	94	79	111	-1.48 73	-0.21 99	-0.95 83	-1.80 42	3.70 61	0.54 71	-6.95 52	-0.93 44	103	6
4 T 17 0208 80432883	8.49	T 14 0278 T 14 0129	91	89	106	-1.38 62	1.23 60	0.54 98	-3.26 25	-1.00 49	-0.75 58	-4.22 44	0.52 36	99	4
5 T 15 0059 76404714	7.45	JB 12 0113 T 10 0126	91	84	102	-0.73 74	-0.29 98	-0.65 86	-2.54 44	1.00 65	-0.42 74	-3.09 56	1.12 49	97	7
6 WDS 22 0041 96587324	6.88	SL 18 0118 T 14 0255	80	80	98	-2.67 63	1.31 57	-0.02 93	-5.17 29	-2.60 46	-2.92 57	3.33 42	-5.08 35	114	0
7 T 13 0161 72671902	3.13	T 10 0177 T 09 0013	77	64	102	-4.34 74	0.11 79	-2.06 72	-8.22 36	-0.50 66	-4.53 74	-7.65 56	-8.03 47	122	8
8 T 15 0060 76404722	6.77	JB 12 0113 T 10 0003	77	66	92	-2.37 67	-1.34 69	-2.53 68	-5.47 43	-1.00 57	-4.31 65	-7.30 53	-5.16 47	114	5
9 T 17 0292 80433725	4.98	GMO 14 0025 T 16 0122	72	70	86	-2.30 63	-0.74 62	-1.89 74	-4.16 32	-2.30 51	-4.41 60	-0.84 42	4.32 34	89	4
10 T 17 0115 80430937	5.67	T 14 0300 T 10 0086	69	74	87	-3.20 65	0.98 66	-0.62 87	-8.01 33	-4.80 54	-5.09 63	4.27 49	3.92 39	90	4
11 T 15 0085 76404946	4.16	VE 11 0013 T 12 0006	65	75	74	-2.29 63	0.04 63	-1.11 82	-3.47 36	-10.30 53	-8.43 61	-2.83 44	-2.55 37	107	6

Ewe Selection List: Reproduction Index

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 Regnr	% In-breeding	Sire ID Dam ID	Logix Merit Index	Growth Index	Ewe Index		Dir EBV Acc	Weaning Weight Mat EBV Acc	Comb EBV Acc	Post-Wean EBV Acc	Number Weaned EBV Acc	TWW EBV Acc	AFL EBV Acc	ILP EBV Acc	EPI Phenotype
Active Breed Average:			100	100	100		1.56	-0.01	0.77	1.06	0.68	1.96	0.51	0.14	
1 T 16 0009 78545811	3.49	VE 13 0035 T 13 0431	94	79	111		-1.48 73	-0.21 80 75 99	-0.95 83	-1.80 42 87	3.70 61 110	0.54 71 94	-6.95 52 115	-0.93 44 103	117 6
2 T 17 0208 80432883	8.49	T 14 0278 T 14 0129	91	89	106		-1.38 62	1.23 80 60 115	0.54 98	-3.26 25 80	-1.00 49 95	-0.75 58 89	-4.22 44 110	0.52 36 99	82 4
3 RIO 22 0006 94074630	4.61	PHR 20 0373 PHR 20 0218	106	105	104		2.03 59	-0.20 103 52 99	0.82 101	1.07 41 100	0.00 41 98	1.83 52 100	-3.03 37 107	-3.88 29 111	1
4 T 15 0059 76404714	7.45	JB 12 0113 T 10 0126	91	84	102		-0.73 74	-0.29 85 79 98	-0.65 86	-2.54 44 83	1.00 65 101	-0.42 74 91	-3.09 56 108	1.12 49 97	103 7
5 T 13 0161 72671902	3.13	T 10 0177 T 09 0013	77	64	102		-4.34 74	0.11 64 79 102	-2.06 72	-8.22 36 64	-0.50 66 96	-4.53 74 74	-7.65 56 117	-8.03 47 122	163 8
6 WDS 22 0041 96587324	6.88	SL 18 0118 T 14 0255	80	80	98		-2.67 63	1.31 72 57 116	-0.02 93	-5.17 29 71	-2.60 46 89	-2.92 57 80	3.33 42 94	-5.08 35 114	0
7 T 17 0244 80433246	5.92	T 16 0016 T 11 0026	98	109	94		1.90 65	0.52 102 66 107	1.47 107	1.68 38 103	-6.60 54 76	-1.54 63 86	-6.90 46 115	0.27 37 100	106 5
8 T 15 0060 76404722	6.77	JB 12 0113 T 10 0003	77	66	92		-2.37 67	-1.34 74 69 86	-2.53 68	-5.47 43 70	-1.00 57 95	-4.31 65 75	-7.30 53 116	-5.16 47 114	84 5
9 T 17 0115 80430937	5.67	T 14 0300 T 10 0086	69	74	87		-3.20 65	0.98 68 66 112	-0.62 87	-8.01 33 64	-4.80 54 82	-5.09 63 71	4.27 49 92	3.92 39 90	84 4
10 T 17 0292 80433725	4.98	GMO 14 0025 T 16 0122	72	70	86		-2.30 63	-0.74 74 62 93	-1.89 74	-4.16 32 76	-2.30 51 90	-4.41 60 74	-0.84 42 103	4.32 34 89	86 4
11 T 15 0085 76404946	4.16	VE 11 0013 T 12 0006	65	75	74		-2.29 63	0.04 74 63 101	-1.11 82	-3.47 36 79	-10.30 53 64	-8.43 61 58	-2.83 44 107	-2.55 37 107	86 6