



MERINO GENETIC FUTURE KEY REPORT

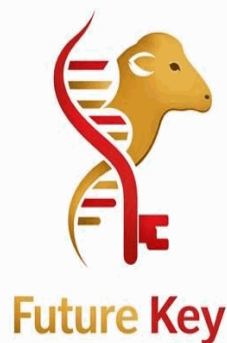
20 September 2026

WINTERBERG SHEEP IMP GROUP

FDM : 2152



CERTIFICATE
OF QUALITY
Valid up to
October 2029





The SA Merino Genomically Enhanced Future Values

What is a Genomic Breed Evaluation?

The SA Merino Breed Evaluation includes **genomic information (SNPs)** together with pedigree and performance records to estimate future values. These are called **Genomically Enhanced Future Values**. The SA Merino is the first small stock breed in Africa to use this technology. Animals that have been genomically tested through the SA Stud Book Genomic Selection Service are identified by the genomic logo in this report.

Why is genomically testing of animals important? It provides extra information about an animal's genetic potential. For **young animals**, this means their future values can be estimated **more accurately**, even before they have produced many progeny. This is especially valuable for traits that are difficult to measure or take a long time to evaluate, such as:

- Fertility
- Maternal Ability
- Longevity

This allows breeders to identify genetically superior animals at an earlier age and make better breeding decisions.



Parentage Verification

Genomic testing can also confirm whether an animal's sire and dam are correctly recorded.

The test compares around **20 000 DNA markers**, making it extremely accurate. The report shows the verification result for:

- ☐ Parent was not genomically tested. Parentage is not verified.
- ☒ Both animal and parent have genomic tests, and the parentage is verified.
- ☒ The genomic test indicates that there is a conflict in the parentage, *i.e.* the parentage is not correct.

Why can a parentage conflict occur? There are usually two possible reasons:

1. The wrong parent was recorded If another possible parent has also been tested, the genomic evaluation may identify the correct sire or dam.

If the breeder can confirm that the suggested parent was available at mating, the pedigree should be corrected through the Breed Society on LOGIX.

2. The wrong DNA sample was submitted Occasionally the incorrect biological sample is collected or labelled. Because DNA testing is very accurate, the animal should be sampled and tested again if this is suspected.

Why is correct parentage so important? Accurate pedigrees lead to more accurate future values. Correct parentage benefits your breeding programme, the SA Merino breed and the SA Merino Genomic Evaluation. For older animals with many recorded offspring, correcting parentage may have little effect on their future values. For young animals, however, correct parentage can make a significant difference because much of their future value is based on information from their parents.

Understanding Your DNA Results Every animal receives one copy of each gene from its sire and one from its dam. Sometimes both copies are the same and sometimes they are different. Some genes are **dominant**, meaning one version masks the other. For example, an animal that carries both the **polled** and **horned** genes will usually be **polled**, because the polled gene is dominant. Most economically important traits, however, are controlled by **many genes working together** to express the trait, rather than by a single gene.

Percentage Homozygosity Measures how similar the DNA inherited from the sire and dam is. It is calculated as the percentage of DNA markers (SNPs) that are the same from both parents. This gives an indication of the animal's **genetic diversity**. In general:

- Lower homozygosity indicates **greater genetic diversity**.
- Higher homozygosity indicates the animal is **more genetically alike across its DNA**, which may be associated with increased inbreeding.

Important Information

SA Stud Book/LOGIX distances itself from any errors which are beyond its control and cannot be held liable for any such errors. SA Stud Book/LOGIX only publishes the information at its disposal and assumes that sampling on the farm, handling of the samples and the actions in the laboratory were performed correctly.

Use www.sasmallstock.com, SA Stud Book's search engine, to view genetic profiles of specific animals or to search animals according to specifications.

General Information

How to use this Report: This report shows the **genetic strengths and weaknesses** of your flock for production and reproduction traits. It helps you see whether your breeding decisions are improving your flock over time and whether you are breeding in the right direction.

Future Key : This shows where your flock ranks genetically within the SA Merino breed on a scale of **1 to 9**, using information from the South African Merino Genomic Evaluation. In general, **the higher the Future Key, the higher the genetic potential of your flock.**

Future Value : This indicates an animal's genetic ability for a specific trait. In simple terms, it predicts what the animal is likely to pass on to its offspring.

Future Values are compared with the average of animals born about **five years ago** (the base year), where the average of the base year is set to **zero**.

For most traits, **higher Future Values are better**, including:

- Weaning Weight (Direct and Maternal)
- Body Weight (where the production environment can support larger animals)
- Clean Fleece Weight
- Staple Length
- Total Weight Weaned

For a few traits, **lower values are preferred**:

- **Fibre Diameter:** Lower values indicate finer wool.
- **Age at First Lambing:** Lower values mean ewes lamb at a younger age.
- **Inter-lambing Period:** Lower values mean ewes lamb more frequently.

Future Value Index : These **Indices** makes it easy to compare animals. The breed average is always **100**:

- **Above 100** means the animal is genetically better than the breed average.
- For **Fibre Diameter**, the opposite applies: **Below 100** indicates finer wool, which is more desirable.

Future Selection Indices : These **Selection Indices** combine several important traits into a single value, making it easier to identify the best all-round breeding

animals. Because not all traits contribute equally to profitability, each trait is given an economic weighting according to its importance in a profitable Merino production system. These indices therefore provide a quick indication of the **overall genetic value** of an animal and help breeders select sheep that are expected to produce more profitable offspring.

For the SA Merino breed two future selection indices are developed:

Relative Economic Value (REV)

$$\text{EKW} = -3416.81 + 4.320 \text{ EBV}_{\text{BW}} + 112.61 \text{ EBV}_{\text{CFW}} + 1.10 \text{ EBV}_{\text{SL}} - 406.52 \text{ EBV}_{\text{FD}} + 8.9857 (19.5 + \text{EBV}_{\text{FD}})^2 + 9.405 \text{ EBV}_{\text{TWw}}$$

Relative Reproduction Economic Value (REV-Rep)

$$\text{EKW-REP} = -3402.52 + 0.21 \text{ EBV}_{\text{BW}} + 112.87 \text{ EBV}_{\text{CFW}} + 1.10 \text{ EBV}_{\text{SL}} - 404.82 \text{ EBV}_{\text{FD}} + 8.9481(19.5 + \text{EBV}_{\text{FD}})^2 + 18.81 \text{ EBV}_{\text{TWw}}$$

Abbreviations

WnD:	Wean Direct	WnMat:	Wean Maternal
BW:	Body Weight	CFW :	Clean Fleece Weight
FD:	Fibre Diameter	SL:	Staple Length
WOOL:	Fleece Score	CONF:	Conformation Score
COND:	Condition Score		
AFL:	Age First Lambing		
ILP:	Inter-lambing Period		
NLW:	Number of Lambs Weaned		
TWW:	Total Weight Weaned		
REV_R:	Reproduction Selection Index (Main SA Merino Selection Index)		
REV:	Relative Economic Value		

The active population is defined as lambs born in the past 36 months and their parents, regardless if they were measured or not, excluding those that are already cancelled on LOGIX.

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.

SINGLE GENE TRAITS

DGAT1

A gene that increases butterfat production and butterfat- and protein percentages, while decreasing milk- and protein production.

FABP4

A gene that increases butterfat production, as well as increases fat thickness and related carcass traits.

Horned or Polled Status

The Relaxin Family Peptide Receptor 2 (RXFP2) gene located on Chromosome 10 is a good indicator for polled or horned status. There is evidence of sex-dependant differences of both additive and dominant effects in the expression of this trait. Currently prediction accuracy lies at about 70% due to other unknown genetic forces. These markers are in the process of being validated in the SA Merino breed.

The gene for polledness, is dominant :

- PP: The animal breeds pure for polled. This means that the animal received a polled gene from both its parents and can only transmit the polled gene to its offspring.
- PH: The animal is polled, but carries the horn gene, because the polled gene (P) is dominant over the horn gene (H). It can transmit either a polled or horned gene to its offspring.
- HH: The animal breeds pure for horns. It can only transmit horn genes to its offspring.
- The exact inheritance of 'Scurs' is still unknown.

Booroola Gene (FecB)

This mutation is located on Chromosome 6, in a gene that codes for bone morphogenic protein 1B (BMP1B). This mutation has an additive effect, meaning that a heterozygous carrier has on average +0.7 larger litter size, with homozygous carriers have a +0.8 larger litter size in comparison to the homozygous wild type animals. Although this mutation leads

to higher litter sizes, it has been shown to negatively affect lamb survival and lowers the birth weight of the lambs born.

Lacuane Locus (FecL)

This recessive mutation is located on chromosome 11. Only animals homozygous for the mutation show an increase in ovulation rates.

Double-Muscling (Myostatin Gene)

Myostatin plays an inhibitory role in muscle-development. It controls the rate at which muscle fibres grow and allows for normal deposition of fat tissue. Wild-type animals exhibit normal growth and have standard carcass characteristics. Carriers of the myostatin will have excessive muscle growth which will change the conformation of the animal's body, results in higher carcass 'compactness', increases muscle depth and results in lower fat tissue levels. Decreased fat levels have a negative effect on reproduction as double-muscled animals may not have enough reserves to breed or wean heavy lambs.

Callipyge Gene

This is similar to the myostatin gene but the effects on the animal are localised to only the pelvic limbs and loin. The result is postnatal (after birth) hypertrophy of muscles that results in 35% higher muscle mass of the buttocks. It negatively affects muscles tenderness and results in a poor eating quality meat. The appearance of this mutation only occurs if the animal inherits the mutation from the father and gets the wild type from the mother. Homozygotic carriers will appear normal.

Yellow Fat Carcass (Beta-Carotene)

This is a simple recessive trait that results in the fat of the carcass to be yellow in colour. This is due to the accumulation of carotenoids, sourced from the diet, in the fatty tissue.

Scrapie (*Transmissible Spongiform Encephalopathy*)

This is a fatal, degenerative disease that affects the nervous systems of sheep. Affected animals will show changes in behaviour such as increased nervousness which can be seen as excitable/nervous/aggressive moods. Progressive changes will include body tremors, stumbling and increased inability to stand. Animals will also have irritated skin which they try to scratch using fence posts, their horns, through nibbling or with a hind foot that results in excessive wool loss and/or damage to the skin. All this results in substantial weight loss and eventual death. Wild type animals have the lowest susceptibility (highest resistance). Heterozygous and homozygous animals of the mutant variants have lower resistance and are more prone to developing scrapie.

Batten Disease (*Ovine veroid lipofuscinosis*)

An unwanted, lethal recessive gene where affected lambs suffer from brain atrophy, retinal degradation and experience muscle tremors. Symptoms appear at 9 – 12 months of age and death often occurs at about 24 months of age.

Lentivirus Resistance

A retrovirus causing a progressive wasting disease. Especially the lungs, joints, udder and animal's nervous system are targeted. No treatment or vaccine are currently available. A mutation on the TMEM154 gene has been identified to confer resistance to Lentivirus. Animals with the EE wild-type variant are the most susceptible. Carriers of the K-mutation have low to no Lentivirus infections.

McArdle's Syndrome

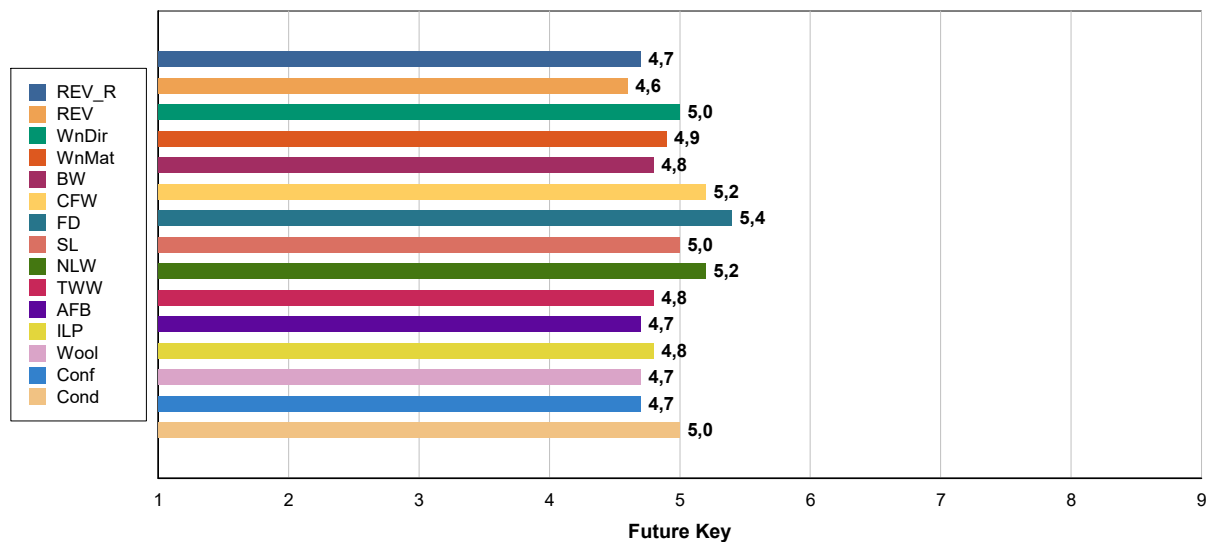
A lethal, recessive gene that results in lambs being unable to metabolize glycogen due to the absence of a functional myophosphorylase gene. Visible symptoms include low muscle tone (hypotonia), muscle cramps weakness, and progressive respiratory failure. Urine will appear brownish-red after periods of activity. Symptoms will become more evident as the lamb grows.

Future Key Profile

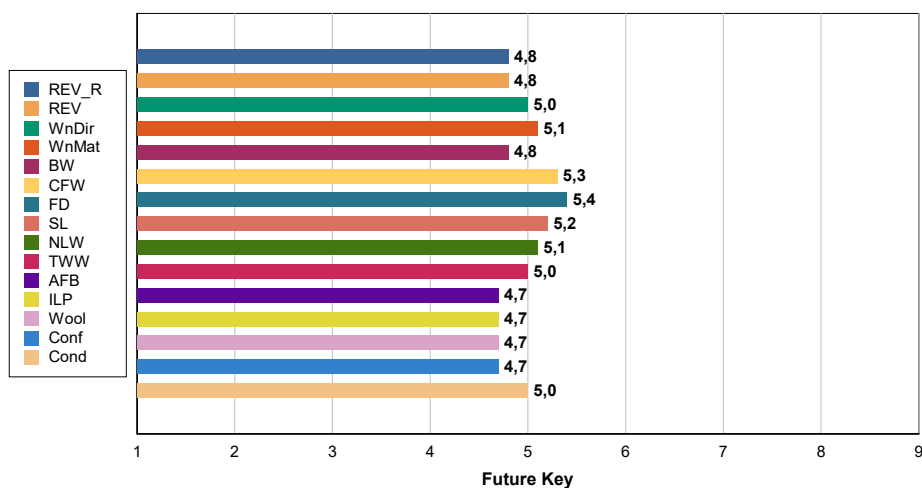
Future Key	Future Key Index
1	< 58
2	58 - 69
3	70 - 81
4	82 - 93
5	94 - 105
6	106 - 117
7	118 - 129
8	130 - 141
9	> 141

All Active Animals

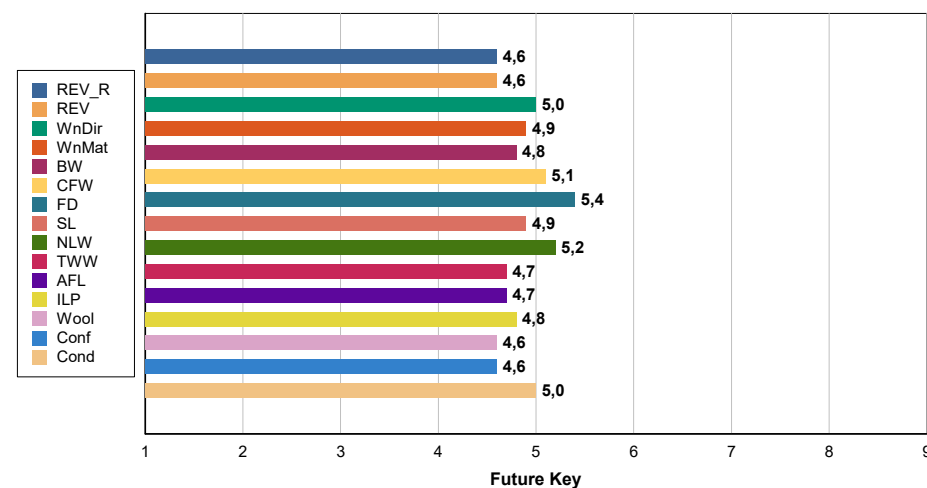
Number : 1392



All Active Rams



All Active Ewes



Genetic Windows

Average Future Indices

(Lambs born in the last 24 months and their Parents)

Number : 1392

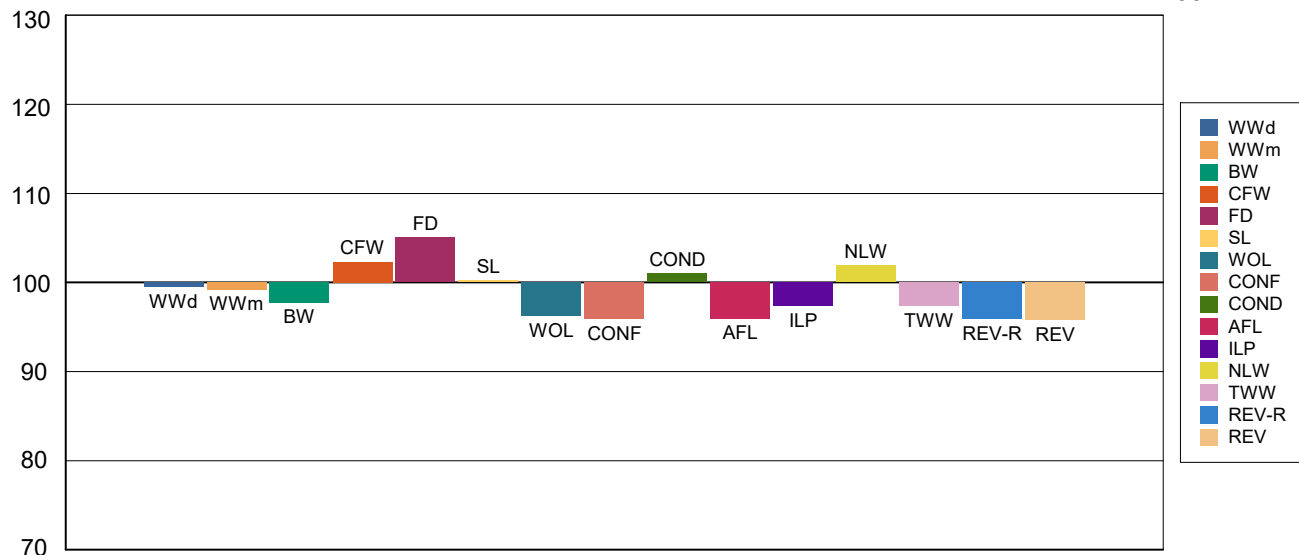
Genetic Linkage

(Based on the youngest measured generation)

Level	Nr of Link Rams
Matig / Moderate	3

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.



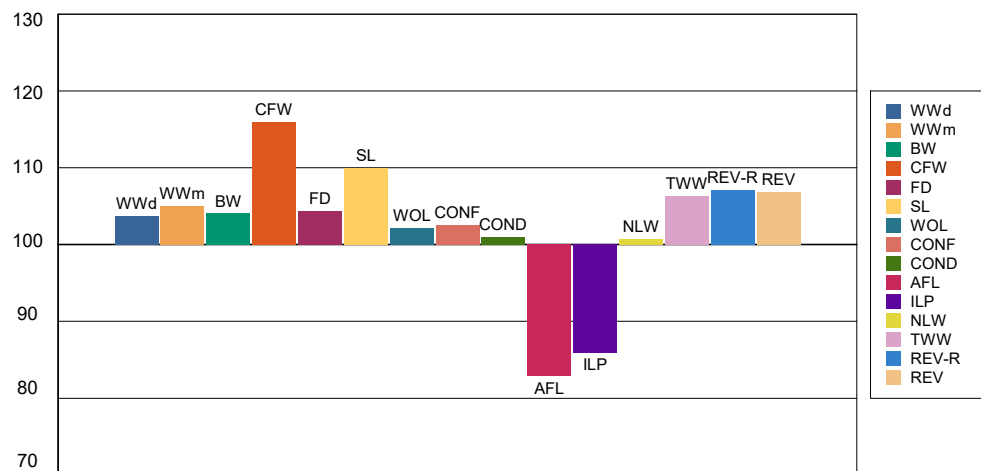
Abbrev	Trait	Interpretation of Index	
		<100 (Worse)	>100 (Better)
WWD	Weang Weight Direct	Lower	Higher
WWM	Wean Maternal	Less	More
BW	Bodyweight	Lower	Higher
CFW	Clean Fleece Weight	Lighter	Heavier
FD	Fibre Diameter	Finer	Stronger
SL	Staple Length	Shorter	Longer
WOL	Wool Score	Lower	Higher
CONF	Conformation Score	Lower	Higher
COND	Condition Score	Worse	Better
AFL	Age 1st Lambing	Later	Earlier
ILP	Interlambing Period	Longer	Shorter
NLW	Number of Lambs Weaned	Less	More
TWW	Total Weight Weaned	Lighter	Heavier
REV_R	Reproduction REV	Poorer	Better
REV	Economic Value	Poorer	Better

- ❖ 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 Future Indices and Future Selection Indices** of all the lambs born in the past 24 months and their parents in the flock and the breed.
- ❖ An Index of 100 is equal to the average of the lambs born in the past 24 months and their parents in the breed.
- ❖ The future indices for AFL and ILP are presented in such a way that an index of above 100 indicates animals that have lower (better) EBVs for these traits.
- ❖ Please use the table for interpretation of the breeding values and selection indices.

Genetic Windows

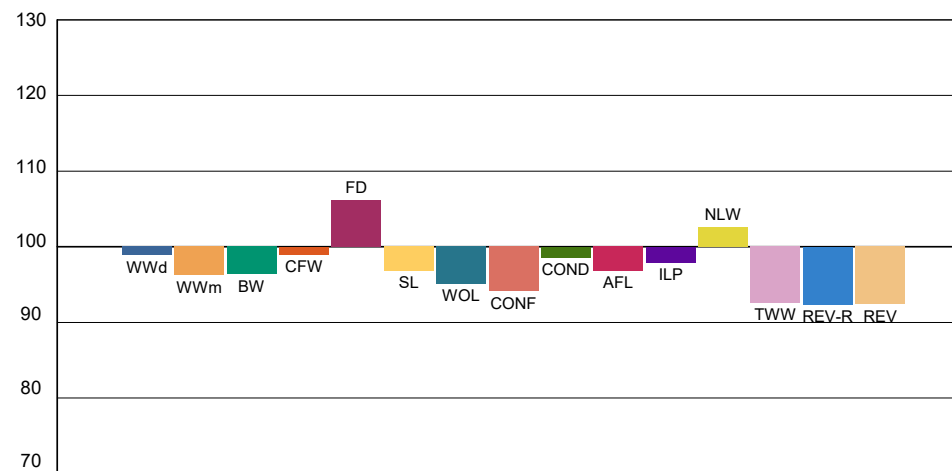
Sires of Lambs born in the last 24 Months

Number : 21



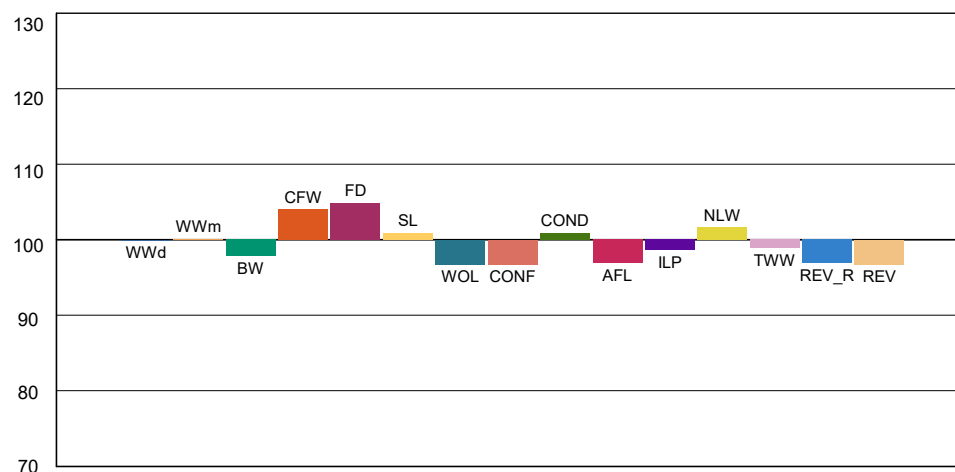
Dams of Progeny born in last 24 Months

Number : 407



Lambs born in the last 24 Months

Number : 708



Average Values

Average Future Values

Averages of all lambs born in the past 24 months and their parents

Trait	Flock			Breed		
	All	Rams	Ewes	All	Rams	Ewes
Future Values for Production Traits						
Weaning Weight Direct	0.40	0.40	0.40	0.44	0.47	0.42
Weaning Weight Mat	0.04	0.09	0.02	0.07	0.08	0.07
Body Weight	0.41	0.46	0.38	0.70	0.99	0.60
Clean Fleece Weight	0.14	0.18	0.12	0.08	0.12	0.07
Fibre Diameter	0.25	0.20	0.27	-0.15	-0.18	-0.14
Staple Length	1.19	1.75	0.85	1.14	1.46	1.01
Wool	0.00	0.02	0.00	0.10	0.14	0.09
Conformation	0.04	0.07	0.03	0.17	0.24	0.14
Condition	0.11	0.12	0.10	0.12	0.15	0.10
Future Values for Fertility						
Age at First Lambing	1.92	1.94	1.90	-1.56	-1.76	-1.45
Inter-lambing Period	0.44	0.54	0.35	-0.33	-0.47	-0.26
Number Lambs Weaned	0.53	0.45	0.57	0.14	0.22	0.10
Total Weight Weaned	0.01	0.20	-0.08	0.21	0.22	0.20
Future Selection Indices						
REV	11.5	19.9	6.5	32.3	40.1	29.4
REV-Reproduction	10.8	19.9	5.4	31.6	38.7	28.9
Inbreeding						
Inbreeding (%)	1.64	1.69	1.62	2.40	2.42	2.38
Number of Animals						
Number of Animals	1433	487	946	96526	35355	61171

Average Future Indices

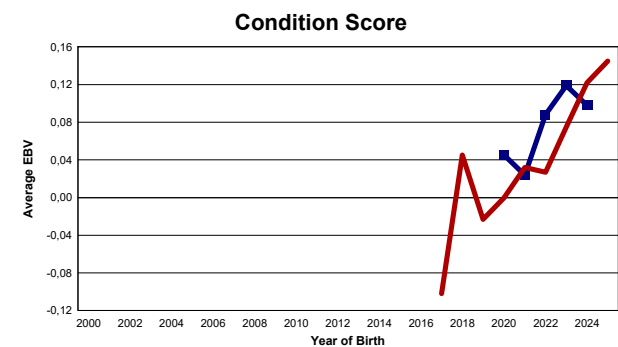
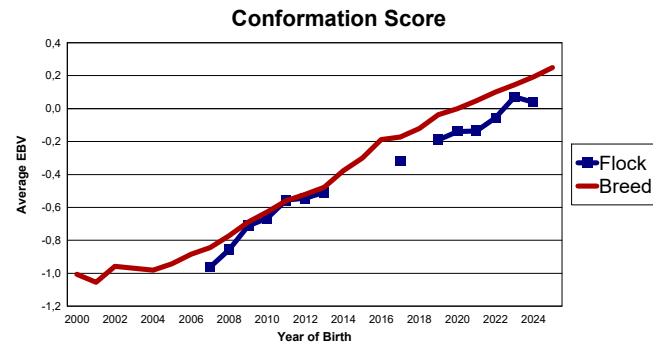
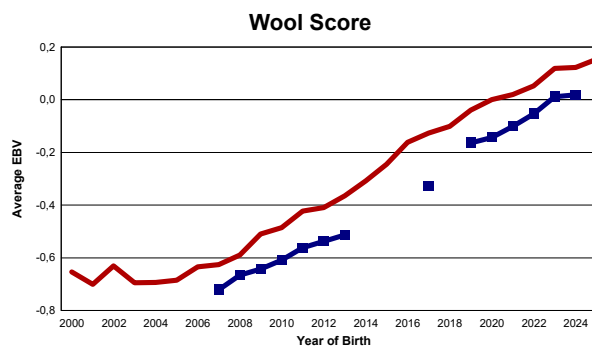
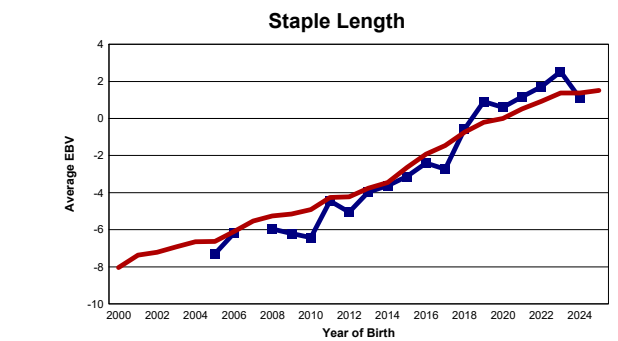
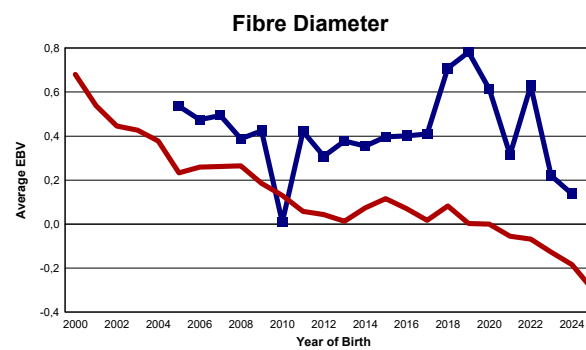
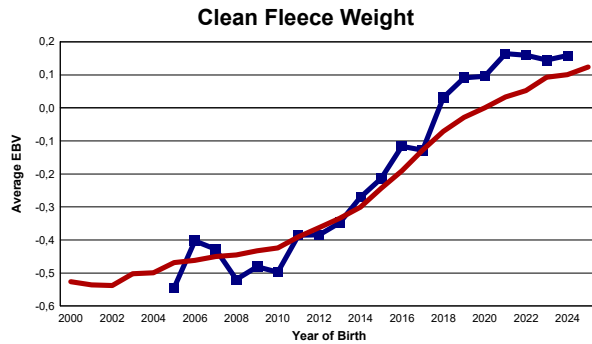
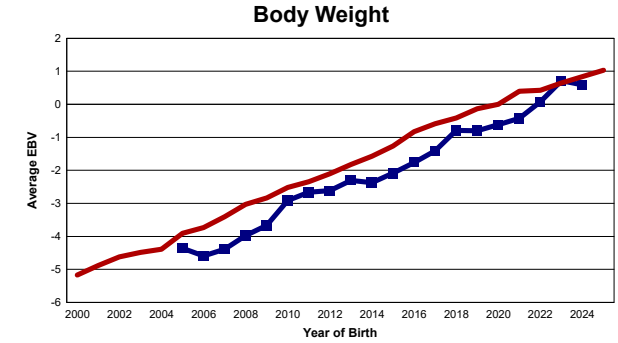
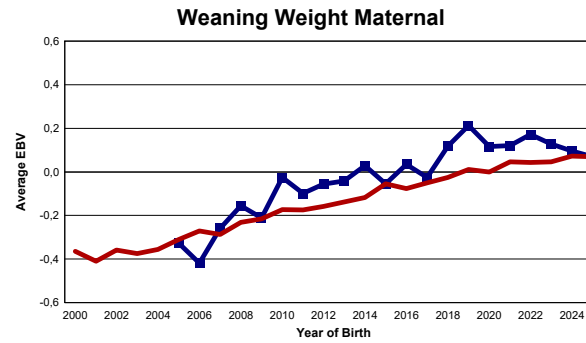
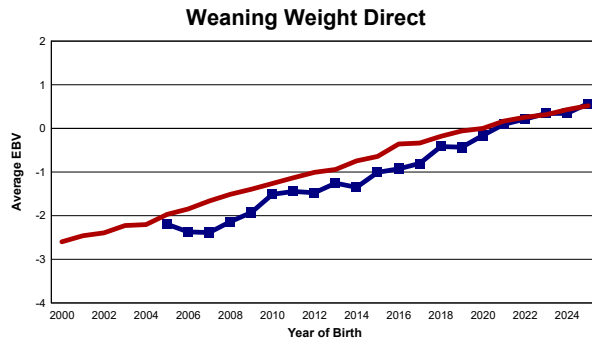
Average Future Indices of all active measured animals, where breed average of active measured animals = 100.

FK = Future Fey

Trait	Flock					
	All	FK	Rams	FK	Ewes	FK
Future Indices for Production Traits						
Weaning Weight Direct	99.5	5.0	99.5	5.0	99.5	5.0
Wean Weight Mat	99.2	4.9	100.6	5.1	98.5	4.9
Body Weight	97.8	4.8	98.1	4.8	97.5	4.8
Clean Fleece Weight	102.3	5.2	104.0	5.3	101.3	5.1
Fibre Diameter	105.1	5.4	104.5	5.4	105.4	5.4
Staple Length	100.2	5.0	101.8	5.2	99.3	4.9
Wool	96.2	4.7	96.9	4.7	95.8	4.6
Conformation	95.9	4.7	96.8	4.7	95.4	4.6
Condition	100.0	5.0	100.6	5.0	99.7	5.0
Future Indices for Fertility						
Age at First Breeding	95.9	4.7	95.9	4.7	96.0	4.7
Inter-lambing Period	97.4	4.8	97.0	4.7	97.7	4.8
Number Lambs Weaned	101.9	5.2	101.5	5.1	102.1	5.2
Total Weight Weaned	97.4	4.8	99.9	5.0	96.1	4.7
Future Selection Indices						
REV	95.8	4.6	97.5	4.8	94.8	4.6
REV-Reproduction	95.9	4.7	97.7	4.8	94.8	4.6
Inbreeding						
Inbreeding (%)	1.64		1.69		1.62	
Number of Animals						
Number of Animals	1433		487		946	

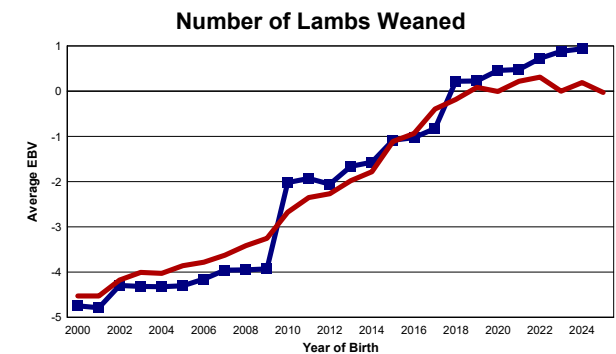
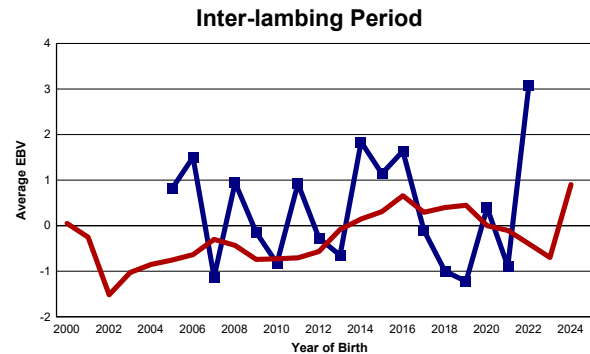
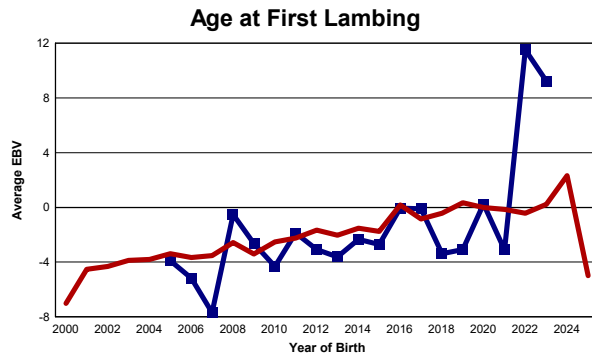
Genetic Trends : Production Traits

Average Future Values per year of birth for animals in the breed and flock. Genetic trends are based on measured animals that were bred by the specific breeder.

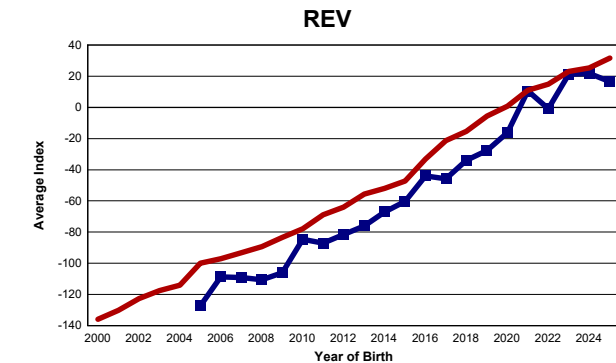
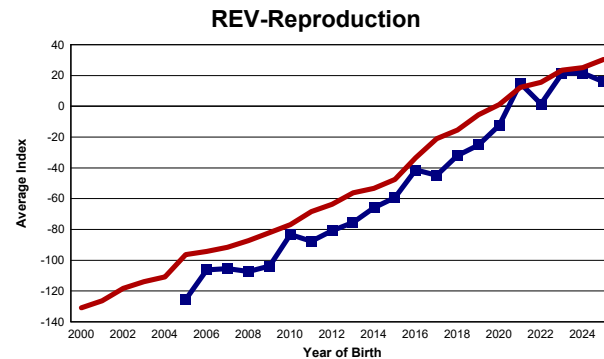
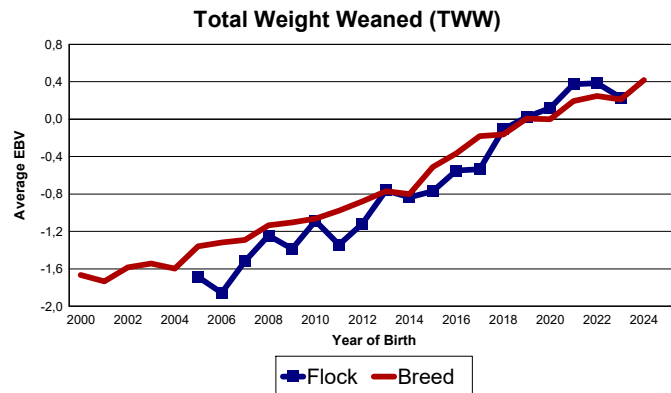


Genetic Trends: Fertility Traits and Selection Indices

Average breeding values per year of birth for animals in the breed and flock. Genetic trends are based on measured animals that were bred by the specific breeder.



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



Genetic Trends: Breed and Flock

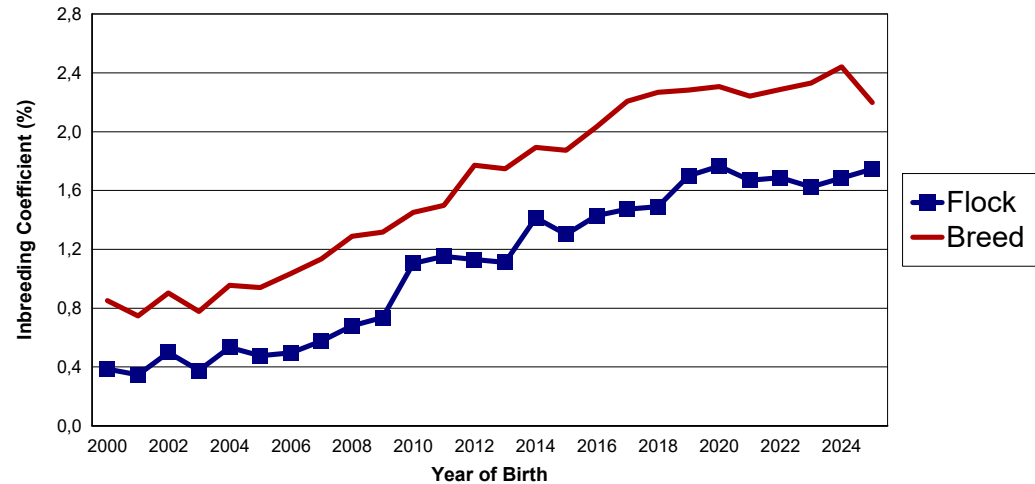
Average Future Values per year of birth for animals in the breed and flock. Genetic trends are based on measured animals that were bred by the specific breeder.

Genetic Trends of the Breed																													
Birth Year	Weaning Weight			Body Weight		CFW		FD		SL		WOOL		CONF		COND		AFL		ILP		NLW		TWW		REV-Rep		REV	
	Number	Dir	Mat	Number	EBV	Number	EBV	Number	EBV	Number	EBV	Number	EBV	Number	EBV	Number	EBV	Number	EBV	Number	EBV	Number	EBV	Number	EBV	Number	EBV	Number	EBV
2014	24421	-0.75	-0.12	15627	-1.57	15246	-0.30	15395	0.07	15207	-3.46	11119	-0.31	11118	-0.38			4468	-1.53	3008	0.15	7865	-1.78	5536	-0.80	24421	-53.30	24421	-51.99
2015	24387	-0.65	-0.05	14841	-1.27	14618	-0.24	14669	0.12	14649	-2.64	10445	-0.25	10442	-0.30			4582	-1.76	3055	0.31	8096	-1.11	5290	-0.51	24387	-47.55	24387	-47.33
2016	25099	-0.36	-0.08	15344	-0.83	15193	-0.19	15232	0.07	15225	-1.92	10808	-0.16	10801	-0.19			4170	0.17	3043	0.66	7180	-0.94	4819	-0.37	25099	-33.38	25099	-33.08
2017	21288	-0.34	-0.05	12370	-0.59	12226	-0.13	12257	0.02	12251	-1.47	10448	-0.13	10448	-0.17	396	-0.10	4076	-0.86	2997	0.30	6707	-0.39	4517	-0.18	21288	-21.06	21288	-21.33
2018	23479	-0.19	-0.03	14040	-0.41	13793	-0.07	13970	0.08	13855	-0.74	13632	-0.10	13628	-0.12	2769	0.05	4509	-0.43	3186	0.40	7346	-0.18	4868	-0.16	23479	-15.51	23479	-15.42
2019	23716	-0.06	0.01	12804	-0.14	12534	-0.03	12696	0.00	12428	-0.20	11065	-0.04	11064	-0.04	6538	-0.02	4360	0.35	3342	0.45	6812	0.09	4577	0.01	23716	-5.49	23716	-5.66
2020	25173	0.00	0.00	14352	0.00	14254	0.00	14306	0.00	14288	0.00	11237	0.00	11227	0.00	7053	0.00	4845	0.00	3556	0.00	6826	0.00	4996	0.00	25173	1.08	25173	0.73
2021	21569	0.17	0.05	12191	0.39	12456	0.03	12535	-0.06	12678	0.52	9939	0.02	9930	0.05	6839	0.03	4602	-0.15	3172	-0.10	6683	0.22	4804	0.19	21569	12.19	21569	10.94
2022	25168	0.25	0.04	14842	0.43	14378	0.05	14903	-0.07	14900	0.94	11648	0.05	11644	0.10	7239	0.03	4737	-0.42	2610	-0.39	5947	0.31	4546	0.25	25168	15.55	25168	14.79
2023	23989	0.31	0.05	12878	0.65	12791	0.09	12835	-0.13	12946	1.38	8263	0.12	8263	0.15	6554	0.08	4059	0.21	1149	-0.70	4171	0.00	3218	0.21	23989	23.39	23989	22.98
2024	23216	0.43	0.07	11910	0.84	11759	0.10	11815	-0.19	11660	1.37	10056	0.12	9879	0.19	8492	0.12	1886	2.33	93	0.91	1412	0.19	1205	0.42	23216	25.07	23216	25.31
2025	16592	0.52	0.07	5883	1.03	5473	0.12	5860	-0.30	5861	1.51	5077	0.15	5077	0.25	4666	0.15	42	-5.00			5	-0.02			16592	30.51	16592	31.52

Genetic Trends of the Flock																															
Birth Year	Weaning Weight			Body Weight		CFW		FD		SL		WOOL		CONF		COND		AFL		ILP		NLW		TWW		REV-Rep		REV			
	Number	Dir	Mat	Number	EBV	Number	EBV	Number	EBV	Number	EBV	Number	EBV	Number	EBV	Number	EBV	Number	EBV	Number	EBV	Number	EBV	Number	EBV	Number	EBV	Number	EBV		
2014	379	-1.35	0.03	303	-2.37	285	-0.27	287	0.36	285	-3.63	287	-0.33	287	-0.32			44	-2.35	27	1.84	109	-1.57	62	-0.84	379	-65.94	379	-66.95		
2015	382	-1.01	-0.05	335	-2.09	271	-0.21	285	0.40	285	-3.13							78	-2.72	23	1.14	177	-1.08	85	-0.77	382	-59.38	382	-60.35		
2016	302	-0.93	0.04	205	-1.76	191	-0.12	192	0.40	192	-2.41							57	-0.06	36	1.64	159	-1.03	71	-0.55	302	-41.37	302	-43.91		
2017	379	-0.81	-0.03	270	-1.40	276	-0.13	279	0.41	279	-2.73							47	-0.09	25	-0.10	130	-0.82	62	-0.54	379	-44.82	379	-45.72		
2018	409	-0.41	0.12	258	-0.79	257	0.03	257	0.71	257	-0.57							77	-3.39	39	-1.00	220	0.22	92	-0.11	409	-31.96	409	-34.06		
2019	373	-0.43	0.21	258	-0.80	255	0.09	256	0.78	256	0.91	255	-0.16	255	-0.19	366	0.05	50	-3.08	36	-1.22	135	0.23	50	0.02	373	-25.13	373	-27.59		
2020	452	-0.16	0.12	358	-0.61	351	0.10	360	0.61	360	0.61	366	-0.14	366	-0.14			53	0.25	25	0.39	166	0.46	56	0.12	452	-12.39	452	-16.25		
2021	437	0.10	0.12	333	-0.43	318	0.16	334	0.32	334	1.17	332	-0.10	332	-0.14			331	0.02	38	-3.11	12	-0.89	84	0.48	36	0.37	437	14.99	437	10.46
2022	412	0.21	0.17	363	0.08	351	0.16	362	0.63	362	1.71	357	-0.05	357	-0.06			357	0.09	27	11.53	19	3.09	128	0.73	27	0.38	412	1.48	412	-0.98
2023	407	0.35	0.13	321	0.72	316	0.15	321	0.22	321	2.53	323	0.01	323	0.07			323	0.12	23	9.24			148	0.88	24	0.23	407	21.37	407	21.19
2024	358	0.34	0.10	267	0.59	273	0.16	274	0.14	274	1.11	271	0.02	271	0.04	270	0.10					18	0.94			358	21.58	358	21.85		
2025	324	0.57	0.07																							324	15.87	324	16.36		

Inbreeding

Inbreeding in the Flock and Breed



Pedigree Information

	Number	%
Known Sires	907	63
Known Dams	1035	72

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

- The effects of inbreeding can be observed from 6.25% onwards. Inbreeding primarily leads to decreased fertility and low survivability of lambs.
- Inbreeding % is dependent on the accuracy of pedigree information. It is therefore highly recommended to record pedigrees as accurately and completely as possible and to not mate related animals.
- Incomplete or incorrect pedigree information can be reported to SA Stud Book.

Level and Rate of Inbreeding

Year of Birth	Level* (%)	Rate (% / year)
2000 - 2025	1.75	0.05
Recommended	< 6.25	< 0.1 - 0.2

*Of the last year of birth

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%

Percentiles of Future Values : All Active Animals

Percentile	Wean Direct	Wean Mat	Body Weight	CFW	FD	SL	NLW	TWW	AFL	ILP	WOOL	CONF	COND	REV	REV-REP
Gemid/Avg	0.36	0.05	0.44	0.05	-0.06	0.71	0.19	0.16	-2.71	-0.50	0.04	0.09	0.09	17.79	17.60
SA/SD	0.95	0.38	1.43	0.23	0.74	3.41	2.22	0.84	-11.03	-3.37	0.22	0.28	0.18	52.74	53.53
MIN	-5.64	-2.10	-6.62	-1.32	3.53	-16.21	-13.87	-4.67	63.14	21.60	-1.24	-1.47	-0.85	-156.46	-160.13
1%	-1.89	-0.92	-2.75	-0.47	1.76	-7.20	-5.87	-1.91	25.63	8.56	-0.41	-0.50	-0.35	-77.45	-81.88
5%	-1.13	-0.57	-1.73	-0.30	1.12	-4.49	-3.60	-1.19	12.68	5.47	-0.26	-0.31	-0.19	-50.18	-52.32
10%	-0.76	-0.40	-1.21	-0.21	0.81	-3.18	-2.56	-0.87	8.52	3.86	-0.21	-0.22	-0.12	-36.81	-38.33
20%	-0.36	-0.22	-0.71	-0.14	0.48	-2.11	-1.38	-0.51	4.73	2.04	-0.16	-0.13	-0.04	-26.60	-26.53
30%	-0.13	-0.13	-0.35	-0.10	0.28	-1.05	-0.61	-0.24	2.57	0.81	-0.11	-0.07	-0.01	-19.10	-17.86
40%	0.06	-0.06	-0.05	-0.04	0.16	-0.28	0.04	0.01	1.08	-0.13	-0.05	-0.01	0.03	-6.30	-5.52
50%	0.30	0.03	0.33	0.02	0.04	0.41	0.54	0.23	-0.60	-0.92	0.00	0.06	0.07	7.91	7.75
60%	0.54	0.12	0.71	0.09	-0.16	1.34	0.62	0.36	-2.62	-1.45	0.06	0.14	0.11	23.21	22.92
70%	0.81	0.23	1.14	0.16	-0.39	2.31	0.94	0.58	-5.83	-2.04	0.14	0.23	0.16	40.92	40.95
80%	1.13	0.35	1.65	0.24	-0.66	3.49	1.51	0.74	-13.68	-2.93	0.23	0.33	0.23	62.30	62.18
90%	1.59	0.53	2.34	0.36	-1.03	5.16	2.66	1.15	-18.59	-4.16	0.34	0.47	0.32	91.14	91.05
95%	1.98	0.69	2.91	0.45	-1.35	6.58	3.81	1.51	-20.17	-5.32	0.43	0.59	0.40	115.73	116.93
99%	2.75	1.00	3.97	0.66	-1.98	9.47	6.22	2.36	-29.61	-8.66	0.61	0.83	0.55	164.49	167.08
MAX	4.81	1.78	7.26	1.29	-3.57	27.80	12.65	4.67	-44.93	-17.91	1.15	1.45	1.01	323.26	322.91

SD = Standard Deviation = Indicates the distribution around the average

Percentiles of Future Indices : All Active Animals

Percentile	Wean Dir	Wean Mat	Body Weight	CFW	FD	SL	NLW	TWW	AFL	ILP	WOOL	CONF	COND	REV	REV-REP
Gemid/Avg	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
SA/SD	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
MIN	43	36	44	42	147	50	32	34	24	24	36	37	47	62	62
1%	72	70	72	72	129	71	69	70	69	68	73	72	70	75	75
5%	80	80	80	81	120	80	80	81	83	79	81	81	80	82	82
10%	85	85	85	85	116	85	85	86	88	85	85	85	85	85	85
20%	90	91	90	90	110	90	91	91	92	91	90	90	91	90	90
30%	94	94	94	94	106	94	95	94	95	95	93	94	94	93	93
40%	97	97	97	97	103	97	98	97	96	98	97	97	97	96	96
50%	100	100	100	100	100	100	101	100	98	101	100	100	100	99	99
60%	103	103	103	103	97	103	103	103	100	104	103	103	103	102	102
70%	106	106	106	106	94	106	105	106	103	106	106	106	106	106	106
80%	110	110	110	110	90	110	108	109	108	109	110	110	110	110	110
90%	115	115	115	115	85	115	114	115	118	113	115	115	115	116	116
95%	120	120	120	120	81	120	120	119	122	118	120	120	120	121	121
99%	129	129	129	128	73	128	132	131	131	129	128	130	130	131	131
MAX	150	150	150	150	56	150	160	160	150	160	150	150	150	159	157

Top 15 REV_REP Sires Used in the Flock



Genotyped

*Inbreeding in red is high

FV = Future Value

Indices in top 10%
Above breed average
Indices in bottom 10%

Acc: Accuracy of the Future Value
Future values with accuracy less than 5% are not printed

Index: Expresses the Future Value around 100 where 100 is set as the average Future Value of lambs born in the past 24 months and their parents in the breed

Animal Information		Parents & Progeny						Selection Indices		Future Values - Weights			Future Values - Wool			Future Val - Fertility			Future Val - Appraisal		
Animal ID Regnr	% In- breeding	Sire ID Dam ID	Wean		Wool test		REV-R	REV	Weaning Dir	Weight Mat	Body Weight	CFW	FD	SL	NLW	TWW	Dam EPI	WOOL	CONF	COND	
			Prog	Nr	Prog	Nr															
			FV Index	FV Index	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc
		Active Breed Average :						31.62	32.34	0.44	0.07	0.70	0.08	-0.15	1.14	0.14	0.21		0.10	0.17	0.12
1	2152 20 0184 90481631	1.04	2157 17 7010 2152 16 6396	88	1	71	1	196.34	199.98	-0.13	0.17	2.18	0.05	-2.37	-3.50	0.17	0.65	114	-0.06	-0.18	-0.11
								132	134	93	103	111	99	72	87	100	106	3	93	87	88
								92	58	92	94	97	93	44	48		89	90	88		
		Future Key :						8	8	5	5	6	5	3	4	5	6		4	4	4
2	2152 21 0241 92992999	1.24	237 18 0397 2152 13 3402	76	1	38	1	159.26	153.09	1.02	-0.58	-1.05	0.32	-1.60	5.85	-0.05	0.24	139	-0.21	0.13	0.18
								125	124	107	81	87	110	81	114	99	100	4	86	99	104
								91	47	86	90	94	88	28	31		82	84	81		
		Future Key :						7	7	6	3	4	6	4	6	5	5		4	5	5
3	1832 16 0932  78976925	5.17	1832 15 0673 1832 13 0236	850	13	495	12	152.21	157.92	1.01	-0.23	2.49	0.34	-1.43	4.70	5.46	0.52	112	-0.03	0.85	0.24
								124	125	107	91	114	111	84	110	126	104	4	94	127	108
								99	96	99	99	99	99	99	99	94	95		98	98	98
		Future Key :						7	7	6	4	6	6	4	6	7	5		5	7	6
4	237 18 0397  82686809	3.50	237 16 0523 237 14 0377	75	2	51	2	138.26	132.98	2.03	-0.88	0.06	0.07	-1.58	7.21	0.96	0.64	120	-0.23	-0.46	-0.20
								121	120	118	72	95	99	82	118	104	106	4	85	77	83
								94	86	93	95	97	94	83	84		92	92	91		
		Future Key :						7	7	7	3	5	5	4	7	5	6		4	3	4
5	2152 23 3042 98757024	1.62	2152 20 0293 2152 20 0507	10	1			121.42	120.60	0.61	0.07	1.51	0.78	-0.25	3.85	0.30	0.73	121	0.15	0.29	0.22
								118	118	102	100	106	129	99	108	101	107	4	103	105	107
								73	38	62	69	80	65	24	27		57	58	56		
		Future Key :						7	7	5	5	6	7	5	6	5	6		5	6	6
6	1832 16 0899 78976982	3.44	1832 15 0580 1832 13 0259	250	3	190	3	118.25	127.83	1.00	-0.62	0.43	0.08	-1.72	0.27	-4.48	-0.78	97	-0.01	-0.27	0.08
								117	119	106	80	98	100	80	98	78	87	3	96	84	99
								97	82	97	98	99	97	71	76		95	95	94		
		Future Key :						6	7	6	3	5	5	3	5	3	4		5	4	5
7	2152 20 0293  90480393	1.20	2157 17 7010 2152 14 4424	93	1	78	1	107.77	117.39	3.07	-0.29	4.40	0.71	-0.14	1.86	0.19	0.89	149	0.25	0.58	0.41
								115	117	130	90	128	126	100	102	100	109	6	108	117	117
								94	83	94	96	97	95	81	81		92	93	92		
		Future Key :						6	6	8	4	7	7	5	5	5	6		6	6	6

Top 15 REV_REP Sires Used in the Flock



Genotyped

*Inbreeding in red is high

FV = Future Value

Indices in top 10%
Above breed average
Indices in bottom 10%

Acc: Accuracy of the Future Value
Future values with accuracy less than 5% are not printed

Index: Expresses the Future Value around 100 where 100 is set as the average Future Value of lambs born in the past 24 months and their parents in the breed

Animal Information		Parents & Progeny						Selection Indices		Future Values - Weights			Future Values - Wool			Future Val - Fertility			Future Val - Appraisal		
Animal ID Regnr	% In- breeding	Sire ID Dam ID	Wean		Wool test		REV-R	REV	Weaning Dir	Weight Mat	Body Weight	CFW	FD	SL	NLW	TWW	Dam EPI	WOOL	CONF	COND	
			Prog	Nr	Prog	Nr															
			FV Index	FV Index	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc
		Active Breed Average :						31.62	32.34	0.44	0.07	0.70	0.08	-0.15	1.14	0.14	0.21		0.10	0.17	0.12
8	2152 20 0043 90481581	0.96	2157 17 3019 2152 16 6362	50	1	34	1	106.30 115	97.46 113	0.26 98 88	0.69 118 52	1.92 109 87	0.81 131 90	0.52 109 94	7.14 117 89	4.89 123 38	1.75 121 43	162 6	0.17 104 82	-0.02 94 84	0.34 113 80
		Future Key :						6	6	5	7	6	8	6	7	7	7		5	5	6
9	2157 17 3019  79768768	1.03	2157 15 4036 2157 13 1027	176	2	147	2	100.95 114	89.78 112	1.82 116 97	0.19 104 87	2.80 116 97	0.56 120 98	0.23 105 98	3.79 108 97	10.26 149 82	2.39 130 84	145 5	0.20 106 95	0.04 96 95	0.44 119 84
		Future Key :						6	6	6	5	6	7	5	6	9	8		6	5	7
10	2152 23 3213 98756703	1.17	2152 21 0241 2152 20 0210	5	1			96.59 113	97.62 113	1.80 116 71	-0.20 92 38	1.62 107 65	0.56 120 72	-0.25 99 82	7.18 118 68	0.48 102 27	0.59 105 30	131 3	0.14 103 59	0.42 111 61	0.31 112 58
		Future Key :						6	6	6	4	6	7	5	7	5	5		5	6	6
11	2152 21 0323  92996156	1.29	2152 19 9326 2152 19 9063	62	1	46	1	88.09 111	79.64 110	-0.98 84 93	0.81 122 81	0.20 96 92	0.65 124 94	0.34 106 96	12.94 134 93	1.21 105 79	0.96 110 80	111 4	0.74 132 90	0.36 108 90	-0.06 91 89
		Future Key :						6	6	4	7	5	7	6	8	5	6		8	6	4
12	2157 21 6019 92757541	1.61	2157 19 4060 2157 18 6008	12	1	12	1	86.51 111	94.15 113	1.44 112 75	0.78 121 37	3.49 121 76	0.62 123 82	0.01 102 89	2.89 105 78	-1.43 92 24	0.70 107 27	92 1	0.52 121 69	1.02 134 72	0.80 139 57
		Future Key :						6	6	6	7	7	7	5	5	4	6		7	8	8
13	2152 15 5314 76681832	0.88	2152 13 3189 2152 12 2115	12	1	9	1	82.79 110	78.03 109	-0.84 85 79	-0.29 90 49	-1.99 79 77	0.16 103 83	-1.16 87 89	-5.73 80 80	-2.37 88 38	-0.33 93 43	188 7	-0.10 91 67	-0.46 77 69	-0.14 87 49
		Future Key :						6	6	4	4	3	5	4	3	4	4		4	3	4
14	2152 22 0131 95724621	1.62	2152 20 0293 2152 17 7582	24	1			81.58 110	87.09 111	2.50 124 81	-0.28 90 40	2.34 113 63	0.44 115 70	-0.40 97 81	-0.89 94 66	0.02 99 24	0.44 103 27	129 5	-0.19 87 58	0.30 106 59	0.32 112 57
		Future Key :						6	6	7	4	6	6	5	5	5	5		4	6	6

Top 15 REV_REP Sires Used in the Flock



Genotyped

*Inbreeding in red is high

FV = Future Value

Indices in top 10%
Above breed average
Indices in bottom 10%

Acc: Accuracy of the Future Value
Future values with accuracy less than 5% are not printed

Index: Expresses the Future Value around 100 where 100 is set as the average Future Value of lambs born in the past 24 months and their parents in the breed

Animal Information		Parents & Progeny				Selection Indices		Future Values - Weights			Future Values - Wool			Future Val - Fertility			Future Val - Appraisal			
Animal ID Regnr	% In- breeding	Sire ID Dam ID	Wean		Wool test		REV-R	REV	Weaning Dir	Weight Mat	Body Weight	CFW	FD	SL	NLW	TWW	Dam EPI	WOOL	CONF	COND
			Prog	Nr	Prog	Nr														
			weaned	flocks	tested	flocks	FV Index	FV Index	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc
		Active Breed Average :				31.62	32.34	0.44	0.07	0.70	0.08	-0.15	1.14	0.14	0.21		0.10	0.17	0.12	
15	2152 23 3101 98757586	1.54	2157 21 6019	11	1	69.51	70.84	-0.16	0.83	1.48	0.62	0.24	2.33	-0.89	0.48	176	0.42	0.70	0.55	
			2152 21 0000	107	108	93	122	106	123	105	104	95	104	10	116	122	125			
								75	37	65	72	82	68	12	13		56	59	53	
		Future Key :				6	6	4	7	6	7	5	5	5	5		6	7	7	
Top Sires Flock Averages						113.72	113.63	0.96	0.01	1.46	0.45	-0.64	3.32	0.98	0.66		0.12	0.22	0.23	

Top 60 REV_REP Measured Rams



Genotyped

*Inbreeding in red is high

FV - Future Value

Indices in top 10%
Above breed average
Indices in bottom 10%

Acc: Accuracy of the Future Value
Future values with accuracy less than 5% are not printed

Index: Expresses the Future Value around 100 where 100 is set as the average Future Value of lambs born in the pas 24 months and their parents in the breed

Animal Information		Parents & Progeny						Selection Indices		Future Values - Weights			Future Values - Wool			Future Val - Fertility			Future Val - Appraisal		
Animal ID Regnr	% In- breeding	Sire ID Dam ID	Wean		Wool Test		REV-R	REV	Weaning Dir	Weight Mat	Body Weight	CFW	FD	SL	NLW	TWW	Dam EPI	WOOL	CONF	COND	
			Prog	Nr	Prog	Nr															
			wean	flocks	tested	flocks	FV Index	FV Index	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc
		Active Breed Average :						31.62	32.34	0.44	0.07	0.70	0.08	-0.15	1.14	0.14	0.21		0.10	0.17	0.12
1	2152 20 0184 90481631	1.04	2157 17 7010 2152 16 6396	88	1	71	1	196.34	199.98	-0.13	0.17	2.18	0.05	-2.37	-3.50	0.17	0.65	114	-0.06	-0.18	-0.11
								132	134	93 92	103 58	111 92	99 94	72 97	87 93	100 44	106 48	3	93 89	87 90	88 88
		Future Key :						8	8	5	5	6	5	3	4	5	6		4	4	4
2	2152 24 0170 107547622	0.95	2152 20 0184 2152 21 0296					177.78	174.97	-0.04	-0.23	-0.22	-0.09	-2.40	-2.76	-1.04	0.29	92	-0.11	-0.68	-0.33
								129	129	95 65	91 37	93 66	93 72	71 82	89 68	94 29	101 32	2	91 61	68 62	76 59
		Future Key :						7	7	5	4	4	4	3	4	5	5		4	2	3
3	2152 21 0241 92992999	1.24	237 18 0397 2152 13 3402	76	1	38	1	159.26	153.09	1.02	-0.58	-1.05	0.32	-1.60	5.85	-0.05	0.24	139	-0.21	0.13	0.18
								125	124	107 91	81 47	87 86	110 90	81 94	114 88	99 28	100 31	4	86 82	99 84	104 81
		Future Key :						7	7	6	3	4	6	4	6	5	5		4	5	5
4	2152 24 0235 107546848	1.40	2152 20 0184 2152 20 0171					139.54	138.18	0.69	0.28	2.38	0.82	-0.29	7.28	3.66	1.17	144	0.07	0.26	0.14
								121	121	103 82	106 76	113 82	131 84	98 88	118 82	117 75	113 75	3	99 80	105 81	102 80
		Future Key :						7	7	5	6	6	8	5	7	6	6		5	5	5
5	2152 23 3042 98757024	1.62	2152 20 0293 2152 20 0507	10	1			121.42	120.60	0.61	0.07	1.51	0.78	-0.25	3.85	0.30	0.73	121	0.15	0.29	0.22
								118	118	102 73	100 38	106 62	129 69	99 80	108 65	101 24	107 27	4	103 57	105 58	107 56
		Future Key :						7	7	5	5	6	7	5	6	5	6		5	6	6
6	2152 24 0356 107547002	1.62	2152 21 0241 2152 20 0489					121.04	114.71	1.57	-0.24	0.54	0.47	-0.69	7.14	0.85	0.92	176	0.10	0.48	0.37
								118	117	113 80	91 75	99 80	116 82	93 87	117 81	103 74	110 74	3	101 79	113 79	115 78
		Future Key :						7	6	6	4	5	6	4	7	5	6		5	6	6
7	2152 24 0118 107546392	1.34	2152 21 0323 2152 19 9088					120.63	108.15	-1.60	0.28	-2.08	0.27	-1.19	1.99	-1.17	0.45	147	0.43	-0.29	-0.30
								118	115	76 65	106 34	79 66	108 72	87 82	103 68	94 25	103 28	5	117 60	83 61	77 55
		Future Key :						7	6	3	6	3	6	4	5	5	5		6	4	3

Top 60 REV_REP Measured Rams



Genotyped

*Inbreeding in red is high

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Indices in top 10%
Above breed average
Indices in bottom 10%

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Index: Expresses the Future Value around 100 where 100 is set as the average Future Value of lambs born in the past 24 months and their parents in the breed

Animal Information		Parents & Progeny						Selection Indices		Future Values - Weights			Future Values - Wool			Future Val - Fertility			Future Val - Appraisal			
Animal ID Regnr	% In- breeding	Sire ID Dam ID	Wean		Wool Test		REV-R	REV	Weaning Dir	Weight Mat	Body Weight	CFW	FD	SL	NLW	TWW	Dam EPI	WOOL	CONF	COND		
			Prog	Nr	Prog	Nr															FV Index	FV Index
		Active Breed Average :						31.62	32.34	0.44	0.07	0.70	0.08	-0.15	1.14	0.14	0.21		0.10	0.17	0.12	
8	2152 24 0072 107547101	1.62	2152 20 0293				118.10	117.22	1.38	-0.40	1.42	0.28	-1.12	-1.06	0.36	0.74	112	0.11	0.18	0.13		
			2152 20 0546				117	117	111 61	86 37	106 63	108 69	88 80	94 65	101 24	107 27	3	101 57	101 59	101 56		
			Future Key :						6	6	6	4	6	6	4	5	5	6		5	5	5
9	2152 23 3421 98757313	1.62	2152 20 0293				114.96	115.24	1.42	-0.11	1.81	0.13	-1.28	-0.67	0.39	0.80	110	0.03	-0.08	0.04		
			2152 20 0654				116	117	111 60	95 36	109 62	102 69	86 80	95 65	101 24	108 26	3	97 57	91 58	96 56		
			Future Key :						6	6	6	5	6	5	4	5	5	6		5	4	5
10	2152 24 0307 107550832	1.44	2152 20 0184				108.20	116.93	0.25	-0.02	1.37	-0.05	-1.74	-5.22	0.55	-0.27	98	0.01	-0.03	-0.04		
			2152 23 0669				115	117	98 58	97 31	105 60	95 67	80 79	82 63	102 22	94 24	1	96 55	93 57	92 54		
			Future Key :						6	6	5	5	5	5	3	4	5	5		5	4	4
11	2152 20 0293  90480393	1.20	2157 17 7010				107.77	117.39	3.07	-0.29	4.40	0.71	-0.14	1.86	0.19	0.89	149	0.25	0.58	0.41		
			93	1	78	1	115	117	130 94	90 83	128 94	126 96	100 97	102 95	100 81	109 81	6	108 92	117 93	117 92		
			Future Key :						6	6	8	4	7	7	5	5	5	6		6	6	6
12	2152 24 0061  107547911	1.54	2152 20 0293				107.40	108.92	1.64	-0.10	2.49	0.64	-0.26	2.03	1.69	0.92	96	0.22	0.41	0.25		
			2152 21 0596				115	116	114 82	95 77	114 82	123 84	99 88	103 83	108 76	110 76	2	107 81	110 81	108 80		
			Future Key :						6	6	6	5	6	7	5	5	6	6		6	6	6
13	2152 20 0043 90481581	0.96	2157 17 3019				106.30	97.46	0.26	0.69	1.92	0.81	0.52	7.14	4.89	1.75	162	0.17	-0.02	0.34		
			50	1	34	1	115	113	98 88	118 52	109 87	131 90	109 94	117 89	123 38	121 43	6	104 82	94 84	113 80		
			Future Key :						6	6	5	7	6	8	6	7	7	7		5	5	6
14	2152 24 0081 107546590	1.56	2152 21 0241				103.96	96.34	0.38	-0.47	-1.26	-0.04	-1.47	1.15	0.77	0.31	117	-0.05	0.04	0.11		
			2152 19 9473				114	113	99 61	84 32	85 62	95 69	83 81	100 65	103 15	101 16	4	94 55	96 57	100 54		
			Future Key :						6	6	5	4	4	5	4	5	5	5		5	5	5

Top 60 REV_REP Measured Rams



Genotyped

*Inbreeding in red is high

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Indices in top 10%
Above breed average
Indices in bottom 10%

Acc: Accuracy of the Future Value
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Index: Expresses the Future Value around 100 where 100 is set as the average Future Value of lambs born in the pas 24 months and their parents in the breed

Animal Information		Parents & Progeny				Selection Indices		Future Values - Weights			Future Values - Wool			Future Val - Fertility			Future Val - Appraisal			
Animal ID Regnr	% In- breeding	Sire ID Dam ID	Wean		Wool Test		REV-R	REV	Weaning Dir	Weight Mat	Body Weight	CFW	FD	SL	NLW	TWW	Dam EPI	WOOL	CONF	COND
			Prog	Nr	Prog	Nr														
			FV Index	FV Index	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc
		Active Breed Average :					31.62	32.34	0.44	0.07	0.70	0.08	-0.15	1.14	0.14	0.21		0.10	0.17	0.12
15	2152 24 0354 107549396	1.44	2152 20 0184 2152 23 3515				103.04	108.73	-0.40	-0.13	0.60	-0.25	-1.97	-7.70	0.55	-0.27	96	-0.13	-0.30	-0.16
							114	115	90	94	99	86	77	75	102	94	1	90	83	85
							58	31	60			67	79	63	22	24		55	57	54
					Future Key :		6	6	4	5	5	4	3	3	5	5		4	4	4
16	2152 24 0060 107547259	1.62	2152 20 0293 2152 20 0655				100.26	96.46	1.35	-0.62	0.81	-0.01	-1.31	-2.35	0.39	0.80	106	-0.01	-0.30	-0.13
							114	113	111	80	101	96	85	90	101	108	3	96	83	87
							60	36	61			68	80	64	24	26		56	58	55
					Future Key :		6	6	6	3	5	5	4	4	5	6		5	4	4
17	2152 24 0311 107550212	1.44	2152 20 0043 2152 23 0610				99.95	90.56	0.97	0.59	2.22	0.73	0.52	6.62	3.96	1.94	99	0.31	0.42	0.40
							113	112	106	115	112	127	109	116	119	123	1	111	110	116
							79	75	80			82	86	80	74	74		78	79	78
					Future Key :		6	6	6	6	6	7	6	6	7	7		6	6	6
18	2152 24 0182 107546244	1.61	2152 21 0323 2152 18 8548				99.46	92.07	-0.87	0.38	0.18	0.35	-0.59	6.86	2.29	0.87	180	0.26	0.22	-0.03
							113	112	85	109	96	111	94	117	110	109	6	108	103	92
							63	33	63			70	81	66	13	15		56	58	55
					Future Key :		6	6	4	6	5	6	5	6	6	6		6	5	4
19	2152 24 0034 107550519	1.44	2152 20 0184 2152 23 0645				98.01	104.82	0.09	-0.20	0.91	-0.11	-1.66	-2.23	0.55	-0.27	100	-0.15	-0.42	-0.29
							113	115	96	92	102	92	81	90	102	94	1	89	78	78
							59	33	61			68	80	64	22	24		56	57	55
					Future Key :		6	6	5	4	5	4	3	4	5	5		4	3	3
20	2152 23 3213 98756703	1.17	2152 21 0241 2152 20 0210		5	1			96.59	97.62	1.80	0.56	-0.25	7.18	0.48	0.59	131	0.14	0.42	0.31
									113	113	116	92	107	120	99	118	102	105	3	103
							71	38	65			72	82	68	27	30		59	61	58
					Future Key :		6	6	6	4	6	7	5	7	5	5		5	6	6
21	2152 23 3392 98755952	1.39	2152 20 0184 2152 19 9012				93.13	91.45	-0.39	0.47	0.69	-0.18	-1.53	-2.13	-0.07	0.53	90	-0.06	0.08	0.11
							112	112	90	112	100	89	82	91	99	104	2	93	97	101
							64	36	65			72	82	68	27	30		60	62	58
					Future Key :		6	6	4	6	5	4	4	4	5	5		4	5	5

Top 60 REV_REP Measured Rams



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Above breed average
Indices in bottom 10%

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Index: Expresses the Future Value around 100 where 100 is set as the average Future Value of lambs born in the past 24 months and their parents in the breed

Animal Information		Parents & Progeny					Selection Indices		Future Values - Weights			Future Values - Wool			Future Val - Fertility			Future Val - Appraisal			
Animal ID Regnr	% In- breeding	Sire ID Dam ID	Wean		Wool Test		REV-R	REV	Weaning Dir	Weight Mat	Body Weight	CFW	FD	SL	NLW	TWW	Dam EPI	WOOL	CONF	COND	
			Prog	Nr	Prog	Nr															
			FV Index	FV Index	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc
		Active Breed Average :					31.62	32.34	0.44	0.07	0.70	0.08	-0.15	1.14	0.14	0.21		0.10	0.17	0.12	
22	2152 21 0323  92996156	1.29	2152 19 9326 2152 19 9063	62	1	46	1	88.09	79.64	-0.98	0.81	0.20	0.65	0.34	12.94	1.21	0.96	111	0.74	0.36	-0.06
								111	110	84 93	122 81	96 92	124 94	106 96	134 93	105 79	110 80	4	132 90	108 90	91 89
			Future Key :					6	6	4	7	5	7	6	8	5	6		8	6	4
23	2157 21 6019 92757541	1.61	2157 19 4060 2157 18 6008	12	1	12	1	86.51	94.15	1.44	0.78	3.49	0.62	0.01	2.89	-1.43	0.70	92	0.52	1.02	0.80
								111	113	112 75	121 37	121 76	123 82	102 89	105 78	92 24	107 27	1	121 69	134 72	139 57
			Future Key :					6	6	6	7	7	7	5	5	4	6		7	8	8
24	2152 24 0089 107548521	1.43	2152 20 0043 2152 22 0581					82.88	87.07	1.07	0.11	1.66	0.56	-0.18	3.46	2.89	0.27	112	0.15	-0.14	0.08
								110	111	107 59	101 32	107 60	120 67	100 80	107 64	113 20	101 22	3	103 54	89 56	99 53
			Future Key :					6	6	6	5	6	7	5	6	6	5		5	4	5
25	2152 22 0131 95724621	1.62	2152 20 0293 2152 17 7582	24	1			81.58	87.09	2.50	-0.28	2.34	0.44	-0.40	-0.89	0.02	0.44	129	-0.19	0.30	0.32
								110	111	124 81	90 40	113 63	115 70	97 81	94 66	99 24	103 27	5	87 58	106 59	112 57
			Future Key :					6	6	7	4	6	6	5	5	5	5		4	6	6
26	2152 23 3339 98756323	1.56	2152 20 0293 2152 19 9473					81.58	86.22	2.09	-0.27	2.51	0.04	-1.04	-2.29	0.90	0.63	117	0.02	0.30	0.35
								110	111	119 62	90 38	114 63	98 70	89 81	90 66	104 24	106 27	4	97 58	106 59	114 57
			Future Key :					6	6	7	4	6	5	4	4	5	6		5	6	6
27	2152 24 0010 107547853	1.54	2152 20 0293 2152 21 0525					81.36	78.91	1.15	-0.34	1.27	0.60	0.10	4.09	0.39	0.80	111	0.21	0.13	0.16
								110	109	108 61	88 37	104 60	121 67	103 79	109 63	101 24	108 26	3	106 55	99 57	103 54
			Future Key :					6	6	6	4	5	7	5	6	5	6		6	5	5
28	2152 24 0215 107547812	1.54	2152 21 0323 2152 21 0521					80.42	70.27	-0.73	0.30	-0.56	0.35	-0.29	7.69	0.89	0.83	109	0.19	0.07	-0.06
								110	108	87 59	107 28	90 60	111 68	98 80	119 63	104 13	109 15	3	105 54	97 56	91 53
			Future Key :					6	6	4	6	4	6	5	7	5	6		5	5	4

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Animal ID Regnr	% In- breeding	Sire ID Dam ID	Wean		Wool Test		REV-R FV Index	REV FV Index	Weaning Dir FV Index Acc	Weight Mat FV Index Acc	Body Weight FV Index Acc	CFW FV Index Acc	FD FV Index Acc	SL FV Index Acc	NLW FV Index Acc	TWW FV Index Acc	Dam EPI Times Lambded	WOOL FV Index Acc	CONF FV Index Acc	COND FV Index Acc	
			Prog wean	Nr flocks	Prog tested	Nr flocks															
		Active Breed Average :					31.62	32.34	0.44	0.07	0.70	0.08	-0.15	1.14	0.14	0.21		0.10	0.17	0.12	
29	2152 24 0320 107546434	1.20	2152 20 0293				79.94	80.86	1.13	0.05	1.36	0.39	-0.47	-2.33	0.17	0.50	136	0.19	0.33	0.23	
			2152 19 9138				110	110	108 66	99 40	105 66	113 73	96 82	90 69	100 30	104 34	5	105 61	107 63	107 59	
			Future Key :					6	6	6	5	5	6	5	4	5	5		5	6	6
30	2152 24 0175 107546699	1.56	2152 21 0241				78.70	73.33	1.10	-0.25	-0.21	0.06	-0.94	1.52	1.30	0.50	128	-0.03	0.42	0.33	
			2152 19 9497				109	108	108 61	91 32	93 60	99 68	90 80	101 64	106 15	104 17	5	94 55	110 57	113 54	
			Future Key :					6	6	6	4	4	5	4	5	6	5		5	6	6
31	2152 23 3316 98756109	1.22	2152 20 0184				77.15	82.10	-0.34	0.45	1.53	-0.30	-1.61	-5.32	-0.46	0.20	100	-0.49	-0.19	0.07	
			2152 19 9259				109	110	91 64	111 36	106 65	84 72	81 82	82 68	97 26	100 30	3	73 60	87 62	98 56	
			Future Key :					6	6	4	6	6	4	3	4	5	5		3	4	5
32	2152 24 0054  107547499	1.54	2152 21 0323				76.01	74.24	-0.71	0.66	0.32	0.62	0.16	7.81	1.59	0.31	176	0.43	0.29	0.10	
			2152 21 0000				109	109	87 83	117 77	97 83	123 85	104 89	119 84	107 75	101 75	10	117 82	105 82	100 81	
			Future Key :					6	6	4	7	5	7	5	7	6	5		6	6	5
33	2152 24 0196 107547846	1.54	2152 21 0241				75.74	67.62	0.53	-0.43	-0.95	0.05	-0.91	2.67	0.26	0.47	95	-0.23	0.06	0.17	
			2152 21 0524				109	107	101 59	85 28	87 58	99 67	90 79	105 62	101 14	104 15	2	85 53	96 55	104 52	
			Future Key :					6	6	5	4	4	5	4	5	5	5		4	5	5
34	2152 24 0082 107546608	1.56	2152 21 0241				72.71	67.25	0.52	-0.33	-0.69	-0.02	-1.00	3.66	0.77	0.31	117	-0.39	-0.47	-0.08	
			2152 19 9473				108	107	101 61	88 32	89 62	96 69	89 81	107 65	103 15	101 16	4	77 55	76 57	90 54	
			Future Key :					6	6	5	4	4	5	4	6	5	5		3	3	4
35	2152 23 3101 98757586	1.54	2157 21 6019				69.51	70.84	-0.16	0.83	1.48	0.62	0.24	2.33	-0.89	0.48	176	0.42	0.70	0.55	
			2152 21 0000				107	108	93 75	122 37	106 65	123 72	105 82	104 68	95 12	104 13	10	116 56	122 59	125 53	
			Future Key :					6	6	4	7	6	7	5	5	5	5		6	7	7

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Animal ID Regnr	% In- breeding	Sire ID Dam ID	Wean		Wool Test		REV-R	REV	Weaning Dir	Weight Mat	Body Weight	CFW	FD	SL	NLW	TWW	Dam EPI	WOOL	CONF	COND	
			Prog	Nr	Prog	Nr															
			FV Index	FV Index	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc
		Active Breed Average :						31.62	32.34	0.44	0.07	0.70	0.08	-0.15	1.14	0.14	0.21		0.10	0.17	0.12
36	2152 24 0181 107547754	1.54	2152 22 0385				67.42	64.69	1.19	-0.26	0.73	0.35	-0.30	-0.95	0.05	0.61	111	0.02	0.31	0.33	
			2152 21 0508				107	107	109	90	100	111	98	94	100	106	3	97	106	113	
			Future Key :						6	6	6	4	5	6	5	5		5	6	6	
37	2152 23 3368 98756414	1.56	2152 20 0184				67.16	66.21	0.04	0.04	1.19	0.21	-0.53	-0.36	1.41	0.63	137	-0.10	0.00	0.01	
			2152 19 9494				107	107	95	99	104	105	95	96	106	106	5	91	94	95	
			Future Key :						6	6	5	5	5	5	5	5		4	5	5	
38	2152 24 0221 107545980	1.09	2152 21 0241				64.89	58.18	-0.03	-0.36	-2.11	0.26	-0.56	5.47	1.34	-0.20	243	-0.12	0.19	0.32	
			2152 17 7404				107	105	95	87	79	107	95	113	106	95	5	90	102	112	
			Future Key :						6	5	5	4	3	6	5	6		4	5	6	
39	2152 24 0113 107547457	1.54	2152 20 0043				62.46	54.26	-0.77	0.70	0.44	0.50	0.36	4.98	2.79	1.04	176	0.03	-0.03	0.31	
			2152 21 0000				106	104	86	119	98	117	107	111	113	111	10	98	93	111	
			Future Key :						6	5	4	7	5	6	6	6		5	4	6	
40	2152 22 0126 95730453	1.56	2152 20 0173				61.29	66.07	0.43	0.53	1.92	0.48	0.18	9.73	-0.31	0.32	94	0.28	0.45	0.37	
			36	1	11	1	2152 19 9446				106	107	100	114	109	117	104	125	98	102	3
			Future Key :						6	6	5	6	6	6	5	5		6	6	6	
41	2152 24 0030 107546400	1.56	2152 21 0323				60.49	56.39	-0.40	0.74	0.49	0.61	0.58	8.48	-0.05	0.62	120	0.18	0.39	0.25	
			2152 19 9121				106	105	90	120	98	122	109	121	99	106	4	105	109	108	
			Future Key :						6	5	4	7	5	7	6	7		5	6	6	
42	2152 23 3314 98791460	1.54	2152 19 9326				59.97	57.73	0.25	0.42	0.43	0.46	0.08	4.24	0.17	0.41	176	0.04	0.06	0.15	
			2152 21 0000				106	105	98	110	98	116	103	109	100	103	10	98	97	102	
			Future Key :						6	5	5	6	5	6	5	5		5	5	5	

Top 60 REV_REP Measured Rams



Genotyped

*Inbreeding in red is high

FV - Future Value

Indices in top 10%
Above breed average
Indices in bottom 10%

Acc: Accuracy of the Future Value
Future values with accuracy less than 5% are not printed

Index: Expresses the Future Value around 100 where 100 is set as the average Future Value of lambs born in the past 24 months and their parents in the breed

Animal Information		Parents & Progeny				Selection Indices		Future Values - Weights			Future Values - Wool			Future Val - Fertility			Future Val - Appraisal			
Animal ID Regnr	% In- breeding	Sire ID Dam ID	Wean		Wool Test		REV-R	REV	Weaning Dir	Weight Mat	Body Weight	CFW	FD	SL	NLW	TWW	Dam EPI	WOOL	CONF	COND
			Prog	Nr	Prog	Nr														
			FV Index	FV Index	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc
		Active Breed Average :					31.62	32.34	0.44	0.07	0.70	0.08	-0.15	1.14	0.14	0.21		0.10	0.17	0.12
43	2152 24 0127 107547341	1.62	2152 22 0385				59.67	57.54	1.03	-0.14	0.62	0.00	-0.81	-0.90	-0.52	0.52	116	-0.04	0.10	0.31
			2152 20 0687				106	105	107	94	99	96	92	94	97	104	3	94	98	111
			Future Key :					6	5	6	5	5	5	4	5	5	5	5	6	
44	2152 24 0154 107548810	1.43	2152 21 0241				58.16	64.85	1.69	-0.33	0.48	0.00	-1.00	1.44	0.44	-0.47	116	-0.08	0.38	0.35
			2152 22 0636				105	107	115	88	98	97	89	101	102	91	3	92	109	114
			Future Key :					5	6	6	4	5	5	4	5	5	4	6	6	
45	2152 24 0303 107548216	1.43	2152 20 0043				57.49	60.19	0.21	0.35	1.34	0.51	0.18	3.37	2.91	0.28	98	0.35	0.24	0.34
			2152 22 0511				105	106	97	108	105	118	104	107	113	101	1	113	104	113
			Future Key :					5	6	5	6	5	7	5	6	6	5	6		
46	2152 24 0109 107546103	1.62	2152 21 0302				56.99	60.65	0.94	1.04	3.35	0.06	-0.51	-1.76	3.70	1.09	189	-0.21	0.21	0.25
			2152 18 8202				105	106	106	129	120	99	95	92	117	112	6	86	102	108
			Future Key :					5	6	6	7	7	5	5	4	6	6	4	5	6
47	2152 24 0217 107548356	1.43	2152 21 0241				56.68	60.45	1.09	-0.40	-0.17	0.34	-0.40	2.59	0.44	-0.47	113	-0.58	-0.17	-0.02
			2152 22 0550				105	106	108	86	93	111	97	104	102	91	3	68	88	93
			Future Key :					5	6	6	4	4	6	5	5	5	4	2	4	4
48	2152 24 0088 107548000	1.57	2152 22 0130				56.60	54.17	0.13	0.26	0.55	0.67	0.71	6.79	0.76	0.46	118	0.15	0.19	0.20
			2152 22 0181				105	104	96	106	99	124	111	116	103	104	2	103	102	106
			Future Key :					5	5	5	6	5	7	6	6	5	5	5	5	6
49	2152 23 3350 98759426	1.43	2152 21 0241				56.45	62.23	1.04	-0.28	0.23	-0.15	-1.20	2.46	0.44	-0.47	91	-0.04	0.24	0.15
			2152 22 0586				105	106	107	90	96	90	87	104	102	91	1	94	103	103
			Future Key :					5	6	6	4	5	4	4	5	5	4	5	5	5

Top 60 REV_REP Measured Rams



Genotyped

*Inbreeding in red is high

FV - Future Value

Indices in top 10%
Above breed average
Indices in bottom 10%

Acc: Accuracy of the Future Value
Future values with accuracy less than 5% are not printed

Index: Expresses the Future Value around 100 where 100 is set as the average Future Value of lambs born in the pas 24 months and their parents in the breed

Animal Information		Parents & Progeny				Selection Indices		Future Values - Weights			Future Values - Wool			Future Val - Fertility			Future Val - Appraisal				
Animal ID Regnr	% In- breeding	Sire ID Dam ID	Wean		Wool Test		REV-R	REV	Weaning Dir	Weight Mat	Body Weight	CFW	FD	SL	NLW	TWW	Dam EPI	WOOL	CONF	COND	
			Prog	Nr	Prog	Nr															
			wean	flocks	tested	flocks	FV Index	FV Index	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc
		Active Breed Average :				31.62	32.34	0.44	0.07	0.70	0.08	-0.15	1.14	0.14	0.21			0.10	0.17	0.12	
50	2152 24 0265 107546624	1.56	2152 21 0323				56.09	48.39	-0.12	0.66	0.25	0.45	0.41	8.84	1.01	0.91	140	0.51	-0.05	-0.09	
			2152 19 9484				105	103	94 62	118 32	97 62	115 70	107 81	122 65	104 14	110 16	5	121 56	92 58	89 55	
		Future Key :				5	5	5	7	5	6	6	7	5	6			7	4	4	
51	2152 24 0177 107548299	1.43	2152 20 0293				55.73	62.25	1.47	-0.61	1.27	0.54	0.00	-2.03	0.56	-0.15	96	-0.02	0.25	0.16	
			2152 22 0537				105	106	112 59	80 35	104 61	119 68	102 80	91 64	102 24	95 26	2	95 56	104 57	103 55	
		Future Key :				5	6	6	3	5	7	5	4	5	5			5	5	5	
52	2152 24 0085 107547317	1.62	2152 21 0323				55.04	46.85	-0.57	0.38	-0.13	-0.02	-0.65	1.84	0.89	0.83	94	0.27	0.06	-0.02	
			2152 20 0685				105	103	88 59	109 27	94 60	96 68	94 80	102 63	104 13	109 15	2	109 54	97 56	93 53	
		Future Key :				5	5	4	6	5	5	5	5	5	6			6	5	4	
53	2152 24 0357 107550535	1.44	2152 22 0126				54.16	61.07	0.36	-0.02	0.68	0.31	-0.39	3.12	0.31	-0.44	98	0.02	0.30	0.29	
			2152 23 0646				104	106	99 56	97 23	100 56	110 65	97 79	106 60	101 11	91 12	1	97 49	106 52	110 48	
		Future Key :				5	6	5	5	5	6	5	6	5	4			5	6	6	
54	2152 22 0385 95725057	1.37	2152 20 0293				53.60	58.12	1.94	-0.10	2.30	0.43	0.13	1.64	-0.49	0.51	103	0.10	0.50	0.54	
			55	1	20	1	104	105	117 89	95 43	112 81	115 87	104 92	102 84	97 29	104 32	3	101 75	114 77	124 74	
		Future Key :				5	5	7	5	6	6	5	5	5	5			5	6	7	
55	2152 21 0302 92995349	1.61	2152 17 7337				51.82	46.43	1.16	0.66	2.36	0.20	-0.07	-4.37	1.17	1.60	119	0.06	0.08	0.18	
			2152 18 8498				104	103	108 85	117 42	113 83	105 88	101 93	84 85	105 23	119 26	6	99 78	98 80	104 77	
		Future Key :				5	5	6	6	6	5	5	4	5	7			5	5	5	
56	2152 24 0124 107547366	1.62	2152 21 0302				51.72	42.56	0.07	0.29	0.37	-0.05	-0.66	-5.24	0.87	1.15	135	-0.06	0.09	0.19	
			2152 20 0692				104	102	96 60	107 31	97 60	95 68	93 81	82 64	104 11	113 13	4	93 54	98 56	105 52	
		Future Key :				5	5	5	6	5	5	5	5	4	5	6			4	5	5

Top 60 REV_REP Measured Rams



Genotyped

*Inbreeding in red is high

FV - Future Value

Indices in top 10%
Above breed average
Indices in bottom 10%

Acc: Accuracy of the Future Value
Future values with accuracy less than 5% are not printed

Index: Expresses the Future Value around 100 where 100 is set as the average Future Value of lambs born in the pas 24 months and their parents in the breed

Animal Information		Parents & Progeny				Selection Indices		Future Values - Weights			Future Values - Wool			Future Val - Fertility			Future Val - Appraisal			
Animal ID Regnr	% In- brding	Sire ID Dam ID	Wean		Wool Test		REV-R	REV	Weaning Dir	Weight Mat	Body Weight	CFW	FD	SL	NLW	TWW	Dam EPI	WOOL	CONF	COND
			Prog	Nr	Prog	Nr														
			Active Breed Average :				31.62	32.34	0.44	0.07	0.70	0.08	-0.15	1.14	0.14	0.21		0.10	0.17	0.12
57	2152 24 0233 107546384	1.99	2152 21 0323 2152 19 9074				49.49	46.39	-0.63	1.12	0.86	0.69	1.05	7.28	-0.50	0.67	137	0.41	0.20	0.11
							104	103	88	131	101	125	115	118	97	106	5	116	102	100
			Future Key :				5	5	4	8	5	7	6	7	5	6		6	5	5
58	2152 24 0200 107548380	1.43	2152 22 0385 2152 22 0555				48.35	51.29	0.57	-0.55	-0.06	0.33	-0.33	-2.01	0.23	-0.34	98	0.18	0.31	0.35
							103	104	101	82	94	110	98	91	100	93	1	105	106	114
			Future Key :				5	5	5	4	5	6	5	4	5	4		5	6	6
59	2152 24 0301 107547168	1.62	2152 21 0302 2152 20 0568				47.20	35.76	0.22	-0.06	-0.17	0.00	-0.51	-5.07	0.87	1.15	141	0.01	-0.37	-0.10
							103	101	98	96	93	97	95	82	104	113	4	96	80	88
			Future Key :				5	5	5	5	4	5	5	4	5	6		5	3	4
60	2152 24 0262 107550956	1.44	2152 20 0043 2152 23 0684				45.51	45.04	0.27	-0.02	0.50	0.09	-0.53	-2.03	2.91	0.28	98	0.09	-0.11	0.08
							103	103	98	97	98	100	95	91	113	101	1	100	90	99
			Future Key :				5	5	5	5	5	5	5	4	6	5		5	4	5
Top Flock Rams (with known parents) Average:							83.66	82.47	0.55	0.09	0.90	0.30	-0.53	1.95	0.81	0.53		0.07	0.14	0.16

Young Rams



Genotyped

*Inbreeding in red is high

FV - Future Values

Indices in top 10%
Above breed average
Indices in bottom 10%

Acc: Accuracy of the Future Value
Future values with accuracy less than 5% are not printed

All young rams with a weaning weight but no wool data, younger than 7 months and both parents known.

Animal Information		Parents		Selection Indices		EBV - Weights			EBV - Wool			EBV - Fertility			EBV - Appraisal		
Animal ID Regnr	% In-breeding	Sire ID	Dam ID	REV-R	REV	Weaning Weight Dir	Weight Mat	Body Weight	CFW	FD	SL	NLW	TWW	Dam EPI	WOOL	CONF	COND
				FV Index	FV Index	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc
		Active Breed Average :															
1																	
		Future Key :															
Flock Rams (with known parents) Average: Number :																	

Top 15 REV_REP Ewes



Genotyped

*Inbreeding in red is high

FV - Future Value

Indices in top 10%
Above breed average
Indices in bottom 10%

Acc: Accuracy of the Future Value
Future Values with accuracy less than 5% are not printed

Ewes with weaning weights, older than 12 months and both parents known.

Animal Information		Parents		Progeny		Selection Indices		Future Values - Weights			Future Values - Wool			Future Val - Fertility			Future Val - Appraisal		
Animal ID	% In-bred	Sire ID	Dam ID	Generation	Prog Weaned	REV-R	REV	Weaning Dir	Weight Mat	Body Weight	CFW	FD	SL	NLW	TWW	EPI	WOOL	CONF	COND
Regnr		Dam ID	EPI Times Lambd	1st	2nd	FV Index	FV Index	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	Times Lambd	FV Index Acc	FV Index Acc	FV Index Acc
Active Breed Average :						31.62	32.34	0.44	0.07	0.70	0.08	-0.15	1.14	0.14	0.21		0.10	0.17	0.12
1	2152 23 3331 98756547	1.56	2152 21 0241 99 3	2152 19 9532		187.95 131	183.05 131	0.97 106 60	-0.33 88 30	-0.27 93 60	-0.07 94 68	-2.42 71 80	-0.60 95 63	0.35 101 15	0.49 104 16	0	-0.22 85 54	-0.04 93 56	0.12 101 53
Future Key :						8	8	6	4	4	5	3	5	5	5		4	4	5
2	2152 24 0230 107550352	1.44	2152 20 0184 95 1	2152 23 0629		142.90 122	144.72 123	-0.90 84 58	-0.35 88 31	-0.38 92 60	-0.26 86 67	-2.37 72 79	-4.47 84 63	0.55 102 22	-0.27 94 24	0	-0.14 89 55	-0.32 82 57	-0.11 88 54
Future Key :						7	7	4	4	4	4	3	4	5	5		4	4	4
3	2152 21 0296 92993765	0.72	237 18 0397 133 5	2152 16 6330	1	142.01 122	137.41 121	0.32 99 67	-0.47 84 46	-1.42 84 68	0.03 98 74	-1.90 78 83	0.85 99 70	-2.25 88 37	-0.07 96 42	92 2	-0.17 88 60	-0.65 69 62	-0.14 86 58
Future Key :						7	7	5	4	4	5	3	5	4	5		4	2	4
4	2152 24 0014 107549297	1.44	2152 20 0184 96 1	2152 23 0501		137.23 121	143.78 123	-0.30 92 58	-0.06 96 31	0.81 101 60	-0.05 94 67	-2.06 76 79	-5.10 82 63	0.55 102 22	-0.27 94 24	0	0.03 97 55	-0.09 91 57	-0.09 89 54
Future Key :						7	7	4	5	5	5	3	4	5	5		5	4	4
5	2152 24 0255 107547598	1.20	2152 20 0043 160 3	2152 21 0266		131.05 120	125.84 119	-0.06 94 64	0.41 110 39	1.02 102 65	0.34 111 71	-1.05 89 82	4.48 110 68	3.59 117 31	1.02 111 34	0	0.07 100 60	0.39 110 61	0.42 118 58
Future Key :						7	7	5	6	5	6	4	6	6	6		5	6	7
6	2152 24 0020 107547093	1.62	2152 21 0241 126 4	2152 20 0536		126.24 119	116.67 117	-0.19 93 61	-0.49 84 32	-1.35 84 60	0.10 101 67	-1.51 83 80	1.58 101 63	0.26 101 14	0.47 104 15	0	-0.09 92 54	0.02 95 56	0.11 101 53
Future Key :						7	6	4	4	4	5	4	5	5	5		4	5	5
7	2152 23 3345 98756000	7.50	2152 20 0184 147 5	2152 19 9088		119.03 117	118.03 117	-0.66 87 65	0.19 104 39	0.34 97 66	0.22 106 73	-1.36 85 82	-3.86 86 69	-1.69 91 30	0.29 101 34	0	0.12 102 61	-0.05 92 63	0.04 96 57
Future Key :						6	6	4	5	5	6	4	4	4	5		5	4	5
8	2152 24 0130 107547200	1.62	2152 21 0241 109 3	2152 20 0642		115.88 117	109.32 116	0.29 98 61	-0.41 86 31	-0.58 90 60	0.25 107 68	-1.14 87 80	3.90 108 64	0.26 101 14	0.47 104 15	0	-0.09 92 54	-0.06 92 56	0.11 100 53
Future Key :						6	6	5	4	4	6	4	6	5	5		4	4	5

Top 15 REV_REP Ewes



Genotyped

*Inbreeding in red is high

FV - Future Value

Indices in top 10%
Above breed average
Indices in bottom 10%

Acc: Accuracy of the Future Value
Future Values with accuracy less than 5% are not printed

Ewes with weaning weights, older than 12 months and both parents known.

Animal Information		Parents		Progeny		Selection Indices		Future Values - Weights			Future Values - Wool			Future Val - Fertility			Future Val - Appraisal		
Animal ID Regnr	% In- breeding	Sire ID Dam ID	Dam EPI Times Lambded	Generation Prog Weaned		REV-R	REV	Weanng Dir	Weight Mat	Body Weight	CFW	FD	SL	NLW	TWW	EPI	WOOL	CONF	COND
				1st	2nd	FV Index	FV Index	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc	FV Index Acc
Active Breed Average :						31.62	32.34	0.44	0.07	0.70	0.08	-0.15	1.14	0.14	0.21		0.10	0.17	0.12
9	2152 23 3410 98755671	1.61	2152 20 0184 2152 18 8500	131 4		104.36	104.14	0.10	0.14	1.33	-0.35	-1.89	-5.51	0.37	0.68	0	-0.14	-0.30	-0.16
						114	115	96	102	105	82	78	81	101	106		89	82	85
								62	36	62	70	81	65	22	24		57	59	56
Future Key :						6	6	5	5	5	4	3	3	5	6		4	4	4
10	2152 21 0266 92993138	1.39	1832 16 0932 2152 14 4551	141 5	3	104.13	102.67	0.23	0.07	0.23	0.09	-1.28	1.87	2.29	0.29	160 3	-0.24	0.63	0.37
						114	114	98	100	96	100	86	102	110	101		84	119	115
								68	57	68	74	83	70	48	52		63	65	62
Future Key :						6	6	5	5	5	5	4	5	6	5		4	7	6
11	2152 24 0065 107546756	1.56	2152 20 0293 2152 19 9511	124 5		101.92	98.30	0.70	-0.36	0.87	0.13	-1.15	-3.29	0.39	0.80	0	0.04	-0.08	0.01
						114	113	103	87	101	102	87	87	101	108		98	91	95
								62	38	49	69	81	65	24	26		56	58	56
Future Key :						6	6	5	4	5	5	4	4	5	6		5	4	5
12	2152 24 0222 107545972	1.09	2152 21 0241 2152 17 7404	243 5		101.90	92.41	-0.62	-0.43	-2.86	0.09	-1.42	-1.54	1.34	-0.20	0	-0.23	-0.14	0.13
						114	112	88	85	73	100	84	92	106	95		85	89	101
								66	37	66	73	82	69	25	29		60	62	56
Future Key :						6	6	4	4	3	5	4	4	6	5		4	4	5
13	2152 20 0164 90480344	1.02	2157 17 7010 2152 14 4137	166 5	1	101.52	93.59	-0.14	-0.52	-0.91	0.37	-0.81	-0.02	0.44	0.46	83 2	-0.10	-0.04	0.14
						114	112	93	83	88	112	92	97	102	103		91	93	102
								69	54	70	75	84	72	44	48		63	64	59
Future Key :						6	6	4	4	4	6	4	5	5	5		4	4	5
14	2152 24 0257 107550154	1.44	2152 20 0184 2152 23 0607	99 1		100.20	106.79	0.48	-0.32	0.87	0.01	-1.55	-3.49	0.55	-0.27	0	0.00	-0.03	-0.04
						114	115	101	89	101	97	82	87	102	94		96	93	92
								58	31	60	67	79	63	22	24		55	57	54
Future Key :						6	6	5	4	5	5	4	4	5	5		5	4	4
15	2152 24 0316 107547762	1.54	2152 21 0302 2152 21 0510	116 3		98.60	87.47	0.01	0.22	-0.18	-0.12	-1.43	-6.91	0.87	1.15	0	-0.14	-0.66	-0.28
						113	111	95	105	93	91	84	77	104	113		89	68	79
								59	29	60	68	80	63	11	13		53	55	52
Future Key :						6	6	5	5	4	4	4	3	5	6		4	2	3
Top Flock Ewes (with known parents) Average:						120.99	117.61	0.02	-0.18	-0.16	0.05	-1.56	-1.48	0.52	0.34		-0.09	-0.10	0.04

Top 15 EPI Ewes



Genotyped

*Inbreeding in red is high

FV - Future Value

Indices in top 10%
Above breed average
Indices in bottom 10%

Acc: Accuracy of the Future Value
Future Values with accuracy below 5% are not printed

Ewes with weaning weight and an EPI value, older than 12 months and both parents known.

Animal Information		Parents				Progeny		Selection Indices		Future Values - Weights			Future Values - Wool			Future Val - Fertility			Future Val - Appraisal		
Animal ID Regnr	% In- breeding	Sire ID Dam ID	Dams		Generation Prog Weaned		REV-R	REV	Weaning Weight		Body Weight	CFW	FD	SL	NLW	TWW	EPI	WOOL	CONF	COND	
			EPI	Times Lamb	1st	2nd			Dir FV Index Acc	Mat FV Index Acc											FV Index Acc
		Active Breed Average :					31.62	32.34	0.44	0.07	0.70	0.08	-0.15	1.14	0.14	0.21		0.10	0.17	0.12	
1	2152 17 7404 80559073	1.07	2152 13 3026 2152 12 2117	143 6	9	1	-16.68 91	-22.92 89	-1.65 76 74	0.04 99 57	-2.98 72 73	0.01 97 80	0.03 102 87	-2.66 89 76	2.73 113 42	-0.64 89 48	243 5	-0.16 88 66	-0.20 87 68	0.20 105 51	
					Future Key :		4	4	3	5	3	5	5	4	6	4		4	4	5	
2	2152 17 7263 80559826	1.39	2152 15 5314 2152 14 4575	182 5	6	1	53.73 104	46.86 103	-0.88 85 68	-0.34 88 51	-1.85 80 66	-0.01 96 74	-0.95 90 84	-4.27 85 69	-2.50 87 42	-0.05 97 48	240 7	-0.44 75 58	-0.51 74 60	-0.17 85 43	
					Future Key :		5	5	4	4	3	5	4	4	4	5		3	3	4	
3	2152 16 6440 78916640	1.24	2152 12 2210 2152 13 3384	108 4	7	1	17.38 97	8.91 95	0.62 102 69	1.11 131 53	-0.44 91 71	0.20 105 78	0.26 105 86	-4.15 85 73	-4.60 77 43	0.70 107 49	205 7	-0.22 85 52	0.19 102 54	0.41 117 44	
					Future Key :		5	5	5	8	4	5	5	4	3	6		4	5	6	
4	2152 20 0354 90480898	1.34	2152 18 8270 2152 15 5560	123 4	5		37.99 101	25.43 99	0.29 98 82	0.96 126 77	0.28 97 81	0.31 110 84	0.49 108 88	0.45 98 82	2.64 112 75	1.44 117 76	189 4	0.16 104 79	0.13 100 80	0.17 104 79	
					Future Key :		5	5	5	7	5	6	6	5	6	6		5	5	5	
5	2152 18 8202 82711912	0.99	2152 16 6418 2152 15 5215	110 3	9		37.03 101	38.49 101	0.43 100 84	0.93 125 79	1.66 107 84	0.11 101 86	-0.24 99 90	-0.58 95 85	6.23 130 76	0.57 105 77	189 6	-0.41 76 79	0.14 100 79	0.16 103 77	
					Future Key :		5	5	5	7	6	5	5	5	8	5		3	5	5	
6	2152 20 0255 90482167	1.12	2157 17 7010 2152 17 7365	164 4	5	1	17.00 97	23.26 98	1.01 107 72	-0.28 90 59	1.43 106 70	0.37 112 76	0.44 108 85	-0.44 96 73	-0.32 98 48	-0.06 96 54	175 4	-0.10 91 67	0.22 103 68	0.27 109 63	
					Future Key :		5	5	6	4	6	6	6	5	5	5		4	5	6	
7	2152 17 7395 80559206	1.27	2152 12 2197 2152 12 2571	102 3	5		-60.85 82	-58.48 82	-0.79 86 66	-0.83 74 48	-2.46 76 67	-0.26 86 74	0.01 102 84	-5.47 81 70	-4.72 76 36	-1.32 79 42	173 5	-0.35 79 59	-0.32 82 61	-0.05 92 37	
					Future Key :		4	4	4	3	3	4	5	3	3	3		3	4	4	

Top 15 EPI Ewes



Genotyped

*Inbreeding in red is high

FV - Future Value

Indices in top 10%
Above breed average
Indices in bottom 10%

Acc: Accuracy of the Future Value
Future Values with accuracy below 5% are not printed

Ewes with weaning weight and an EPI value, older than 12 months and both parents known.

Animal Information		Parents				Progeny		Selection Indices		Future Values - Weights			Future Values - Wool			Future Val - Fertility			Future Val - Appraisal		
Animal ID Regnr	% In- breeding	Sire ID Dam ID	Dams		Generation Prog Weaned	1st	2nd	REV-R	REV	Weaning Weight		Body Weight	CFW	FD	SL	NLW	TWW	EPI	WOOL	CONF	COND
			EPI	Times Lamb				FV Index	FV Index	Dir	Mat										
		Active Breed Average :					31.62	32.34	0.44	0.07	0.70	0.08	-0.15	1.14	0.14	0.21		0.10	0.17	0.12	
8	2152 21 0375 92993856	1.35	2152 18 8270 2152 16 6516	127 4	3		0.39 94	-12.63 91	-0.13 93 68	0.81 122 47	-0.89 88 68	0.44 115 75	1.82 125 84	4.66 110 70	0.12 100 35	0.95 110 41	170 3	0.00 96 59	0.03 95 61	0.16 103 58	
		Future Key :					5	4	5	7	4	6	7	6	5	6		5	5	5	
9	2152 18 8429 82710674	1.24	2152 16 6317 2152 13 3384	108 4	7	1	-17.49 90	-17.26 90	1.06 107 71	0.52 113 55	1.00 102 68	0.42 114 74	1.86 126 84	0.19 97 70	-1.11 94 42	0.37 102 48	170 6	-0.39 77 53	-0.04 93 55	0.12 101 51	
		Future Key :					4	4	6	6	5	6	7	5	5	5		3	4	5	
10	2152 21 0235 92994797	1.40	2152 18 8167 2152 18 8066	92 2	3		-53.92 83	-58.04 82	1.59 113 67	0.81 122 45	1.00 102 64	-0.04 95 71	1.56 122 82	-0.29 96 67	0.54 102 31	0.85 109 36	166 3	-0.23 85 58	0.25 104 60	0.41 117 57	
		Future Key :					4	4	6	7	5	5	7	5	5	6		4	5	6	
11	2152 21 0327 92994573	1.62	2152 17 7337 2152 17 7527	248 7	3		3.72 95	-4.93 93	0.15 97 68	0.61 116 49	-0.12 94 66	0.24 107 72	0.87 113 83	2.11 103 68	-0.22 98 35	0.84 109 40	165 3	0.33 112 60	-0.11 90 62	0.03 96 58	
		Future Key :					5	4	5	6	5	6	6	5	5	6		6	4	5	
12	2152 21 0266 92993138	1.39	1832 16 0932 2152 14 4551	141 5	3		104.13 114	102.67 114	0.23 98 68	0.07 100 57	0.23 96 68	0.09 100 74	-1.28 86 83	1.87 102 70	2.29 110 48	0.29 101 52	160 3	-0.24 84 63	0.63 119 65	0.37 115 62	
		Future Key :					6	6	5	5	5	5	4	5	6	5		4	7	6	
13	2152 18 8283 82710294	1.27	2152 16 6501 2152 12 2480	197 6	6		-29.80 88	-40.83 85	-0.16 93 71	0.14 102 56	-1.11 86 71	0.05 99 77	1.23 118 86	7.05 117 73	1.94 109 44	0.66 106 50	157 6	-0.29 82 56	-0.06 92 57	0.03 96 50	
		Future Key :					4	4	4	5	4	5	7	6	6	6		4	4	5	
14	2152 21 0261 92995661	1.61	2152 19 9154 2152 18 8544	151 5	3		-7.76 92	-3.90 93	-0.56 88 66	1.31 137 46	0.25 97 65	0.13 102 72	0.33 106 83	0.77 99 68	-0.64 96 32	-0.31 93 37	154 3	0.44 117 58	0.12 99 60	0.08 99 56	
		Future Key :					4	4	4	8	5	5	6	5	5	4		6	5	5	

Top 15 EPI Ewes



Genotyped

*Inbreeding in red is high

FV - Future Value

Indices in top 10%
Above breed average
Indices in bottom 10%

Acc: Accuracy of the Future Value
Future Values with accuracy below 5% are not printed

Ewes with weaning weight and an EPI value, older than 12 months and both parents known.

Animal Information		Parents		Progeny		Selection Indices		Future Values - Weights			Future Values - Wool			Future Val - Fertility			Future Val - Appraisal			
Animal ID Regnr	% In- brding	Sire ID Dam ID	Dams EPI Times Lamb	Generation Prog Weaned		REV-R	REV	Weaning Weight		Body Weight	CFW	FD	SL	NLW	TWW	EPI	WOOL	CONF	COND	
				1st	2nd			Dir	Mat											FV Index Acc
		Active Breed Average :				31.62	32.34	0.44	0.07	0.70	0.08	-0.15	1.14	0.14	0.21		0.10	0.17	0.12	
15 	2152 18 8125 82711250	1.10	2152 16 6616	119	4	7	-2.15	-1.24	-0.16	0.16	0.10	0.24	0.60	2.22	-0.45	-0.07	151	0.20	-0.07	-0.03
			2152 14 4272				93	93	93	103	95	107	110	103	97	96	6	106	92	93
						Future Key :	5	4	4	5	5	6	6	5	5	5	6	4	4	
Top Flock Ewes (with known parents) Average:							5.51	1.69	0.07	0.40	-0.26	0.15	0.47	0.10	0.13	0.28		-0.11	0.03	0.14

SINGLE-GENE STATUS OF GENOTYPED ANIMALS

0 = Doesn't carry the gene; 1 = Carries one copy of the gene; 2 = Carries both copies of the gene; - not available

Animal ID	Homozyg (%)	Polled/ Horned	DGAT1	Booroola	Lacuane Locus	FABP4	Dubble Muscling	Yellow Fat	Batten's Disease	Callipyge	McArdle Syndrome	Scrapie	Lentivirus Resistance
EWES													
2152 15 5496	2.71	PH Polled	0	0	-	0	0	0	0	0	0	ARR/ARR R1	KK R1
2152 16 6054	2.53	HH Horns	0	0	-	0	0	0	0	0	0	ARQ/ARR R2	KK R1
2152 17 7137	2.90	HH Horns	0	0	-	0	0	0	0	0	0	ARQ/ARR R2	KK R1
2152 17 7527	2.31	HH Horns	0	0	-	0	0	0	0	0	0	ARR/ARR R1	KK R1
2152 18 8116	2.91	PH Polled	0	0	-	0	0	0	0	0	0	ARQ/ARR R2	KK R1
2152 18 8125	2.95	PH Polled	-	0	-	1	0	0	0	0	0	ARR/ARR R1	EK R2
2152 18 8140	2.94	HH Horns	0	0	-	0	0	0	0	0	0	ARQ/ARR R2	KK R1
2152 18 8202	2.50	HH Horns	0	0	-	0	0	0	0	0	0	ARR/ARR R1	EK R2
2152 18 8404	2.01	HH Horns	0	0	-	1	0	0	0	0	0	ARQ/ARR R2	EK R2
2152 18 8539	2.50	HH Horns	0	0	-	0	0	0	0	0	0	ARQ/ARR R2	KK R1
2152 18 8544	2.32	HH Horns	0	0	-	0	0	0	0	0	0	ARQ/ARR R2	KK R1

SINGLE-GENE STATUS OF GENOTYPED ANIMALS

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Animal ID	Homozyg (%)	Polled/Horned	DGAT1	Booroola	Lacuane Locus	FABP4	Dubble Muscling	Yellow Fat	Batten's Disease	Callipyge	McArdle Syndrome	Scrapie	Lentivirus Resistance
EWES													
2152 18 8548	1.72	HH Horns	0	0	-	0	0	0	0	0	0	ARQ/ARR R2	KK R1
2152 19 9063	2.25	PH Polled	0	0	-	0	0	0	0	0	0	ARQ/ARR R2	KK R1
2152 19 9070	2.48	HH Horns	0	0	-	0	0	0	0	0	0	ARQ/ARQ R3	EK R2
2152 19 9234	3.26	PH Polled	0	0	-	1	0	0	0	0	0	ARQ/ARQ R3	KK R1
2152 19 9366	2.68	PH Polled	0	0	-	1	0	0	0	0	0	ARQ/ARR R2	KK R1
2152 19 9394	3.22	HH Horns	0	0	-	0	0	0	0	0	0	ARQ/ARQ R3	EK R2
2152 19 9413	2.41	HH Horns	0	0	-	0	0	0	0	0	0	ARQ/ARR R2	KK R1
2152 19 9481	2.16	HH Horns	-	0	-	0	0	0	0	0	0	ARQ/ARQ R3	KK R1
2152 19 9494	2.00	PH Polled	0	0	-	0	0	0	0	0	0	ARQ/ARQ R3	EK R2
2152 19 9497	2.75	HH Horns	0	0	-	0	0	0	0	0	0	ARQ/ARR R2	KK R1
2152 19 9498	2.82	PH Polled	0	0	-	0	0	0	0	0	0	ARQ/ARQ R3	KK R1
2152 19 9506	3.27	HH Horns	0	0	-	0	0	0	0	0	0	ARQ/ARR R2	KK R1

SINGLE-GENE STATUS OF GENOTYPED ANIMALS

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Animal ID	Homozyg (%)	Polled/ Horned	DGAT1	Booroola	Lacuane Locus	FABP4	Dubbele Muscling	Yellow Fat	Batten's Disease	Callipyge	McArdle Syndrome	Scrapie	Lentivirus Resistance
EWES													
2152 20 0158	4.07	HH Horns	0	0	-	0	0	0	0	0	0	ARQ/ARR R2	KK R1
2152 20 0210	2.62	PH Polled	0	0	-	0	0	0	0	0	0	ARQ/ARR R2	KK R1
2152 20 0311	4.06	HH Horns	0	0	-	0	0	0	0	0	0	ARQ/ARR R2	KK R1
2152 20 0354	2.46	HH Horns	0	0	-	0	0	0	0	0	0	AHQ/ARQ R3	EK R2
2152 25 5260	10.93	HH Horns	0	0	0	0	0	0	0	0	0	ARQ/ARR R2	EK R2
RAMS													
2152 20 0109	9.09	HH Horns	0	0	0	0	0	0	0	0	0	ARQ/ARR R2	EK R2
2152 20 0293	8.27	PH Polled	0	0	0	0	0	0	0	0	0	ARQ/ARQ R3	KK R1
2152 21 0323	8.53	HH Horns	0	0	0	0	0	0	0	0	0	ARQ/ARR R2	KK R1
2152 24 0054	9.50	HH Horns	0	0	0	0	0	0	0	0	0	ARQ/ARQ R3	EK R2
2152 24 0061	9.25	HH Horns	0	0	0	0	0	0	0	0	0	ARQ/ARQ R3	EK R2
2152 24 0233	10.93	HH Horns	0	0	0	0	0	0	0	0	0	ARQ/ARR R2	EK R2

SINGLE-GENE STATUS OF GENOTYPED ANIMALS

0 = Doesn't carry the gene; 1 = Carries one copy of the gene; 2 = Carries both copies of the gene; - not available

Animal ID	Homozyg (%)	Polled/Horned	DGAT1	Booroola	Lacuane Locus	FABP4	Dubble Muscling	Yellow Fat	Batten's Disease	Callipyge	McArdle Syndrome	Scrapie	Lentivirus Resistance
RAMS													
2152 24 0235	8.71	HH Horns	0	0	0	0	0	0	0	0	0	ARQ/ARQ R3	EK R2
2152 24 0242	8.47	PH Polled	0	0	0	0	0	0	0	0	0	ARQ/ARR R2	EK R2
2152 24 0311	10.53	HH Horns	0	0	0	0	0	0	0	0	0	ARQ/ARR R2	KK R1
2152 24 0355	10.44	HH Horns	0	0	0	0	0	0	0	0	0	ARQ/ARR R2	KK R1
2152 24 0356	8.51	PH Polled	0	0	0	0	0	0	0	0	0	ARQ/ARR R2	EE R3

Scrapie Resistance Levels

R1 = Highly Resistant.
 R2 = Resistant. Be careful when breeding with the animal.
 R3 = Slightly Resistant. Be very careful when breeding with the animal.
 R4 = Susceptible. Animal should not be used for breeding.
 R5 = Highly Susceptible. Animal should not be used for breeding.

Lentivirus Resistance Levels

R1 = Resistant.
 R2 = Moderately Resistant.
 R3 = Susceptible.

Recognition is given to GADI and the Western Cape Department of Agriculture for making their genotypes available which enabled the development of a Genomic Breed Evaluation for the Merino.