



MERINO GENETIC FUTURE KEY REPORT

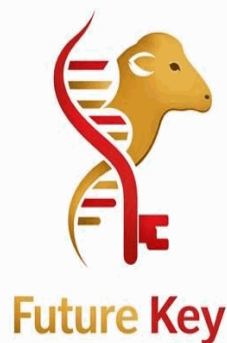
20 September 2026

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FDM : 237



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)

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

Relative Reproduction Economic Value (REV-Rep)

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

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

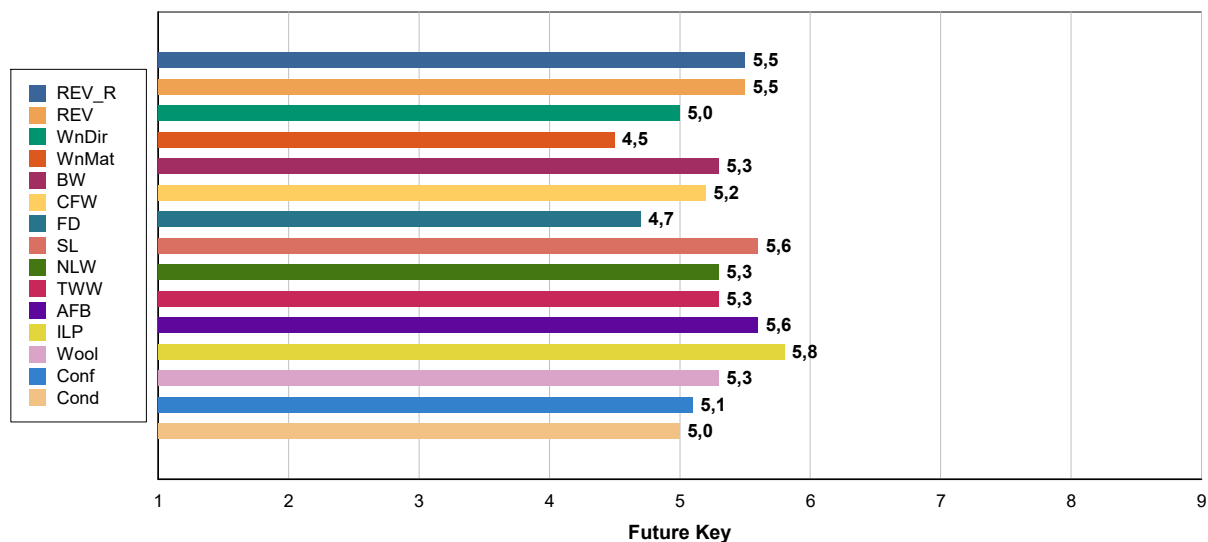
A lethal, recessive gene that results in lambs being unable to metabolize glycogen due to the absence of a functional myophosphorylase gene. Visible symptoms include low muscle tone (hypotonia), muscle cramps weakness, and progressive respiratory failure. Urine will appear brownish-red after periods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

Future Key Profile

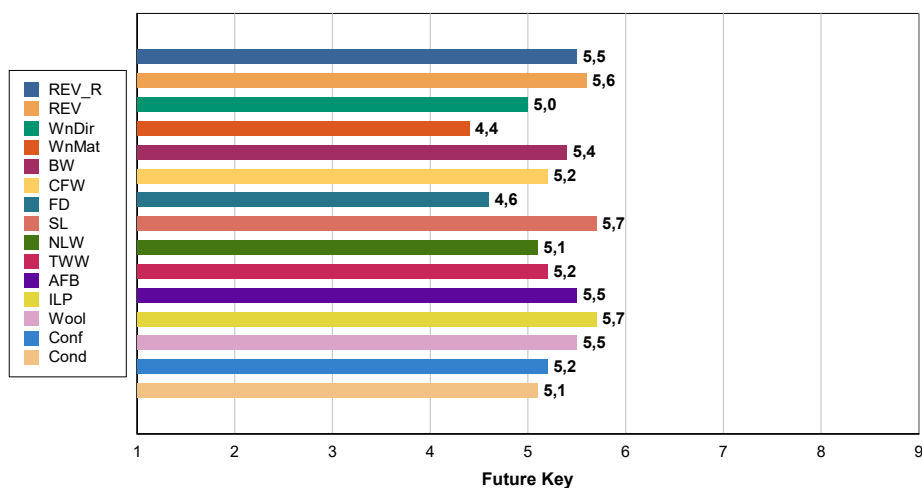
Future Key	Future Key Index
1	< 58
2	58 - 69
3	70 - 81
4	82 - 93
5	94 - 105
6	106 - 117
7	118 - 129
8	130 - 141
9	> 141

All Active Animals

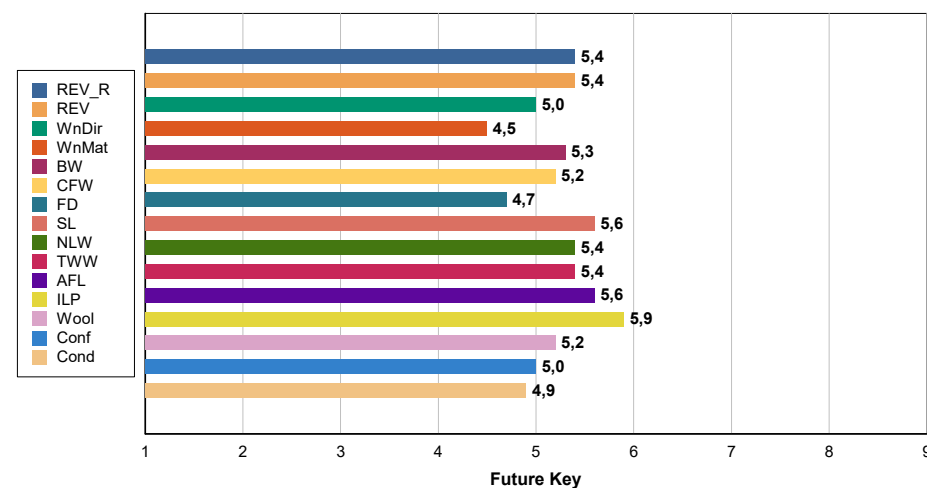
Number : 1476



All Active Rams



All Active Ewes



Genetic Windows

Average Future Indices

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

Number : 1476

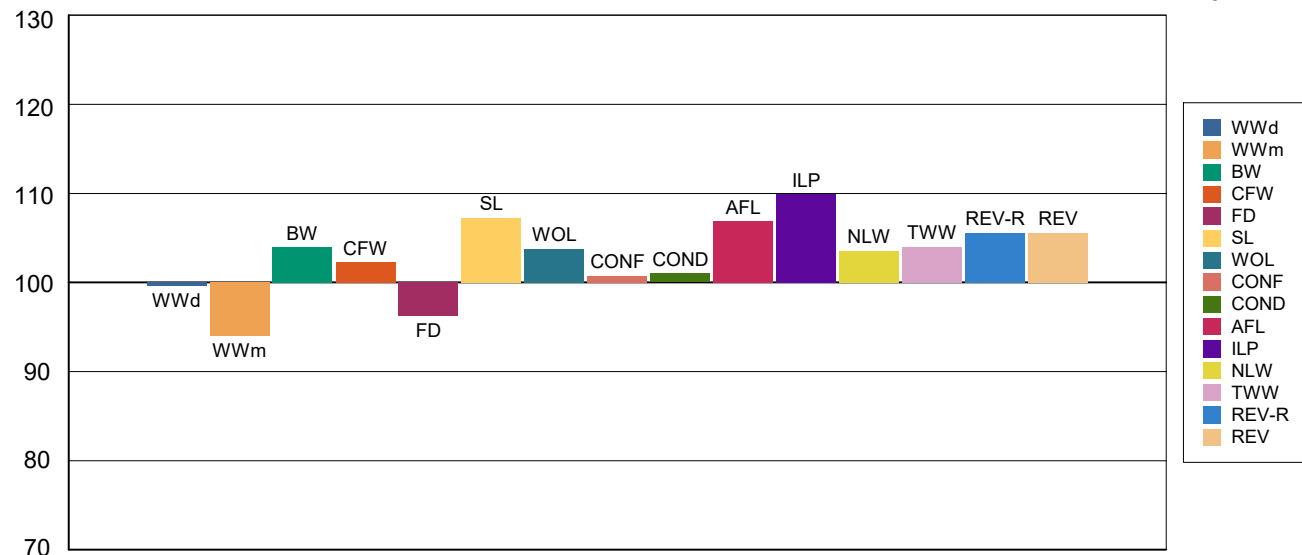
Genetic Linkage

(Based on the youngest measured generation)

Level	Nr of Link Rams
Sterk / Strong	6

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.



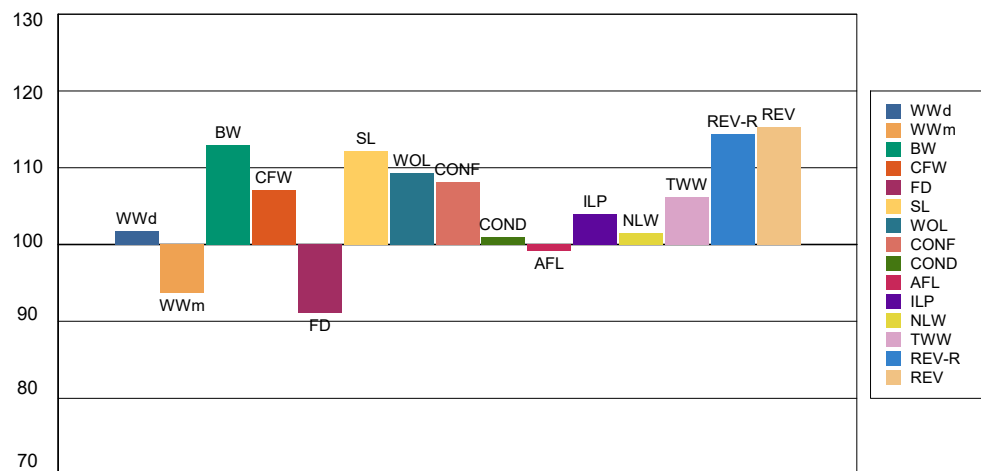
Abbrev	Trait	Interpretation of Index	
		<100 (Worse)	>100 (Better)
WWD	Weang Weight Direct	Lower	Higher
WWM	Wean Maternal	Less	More
BW	Bodyweight	Lower	Higher
CFW	Clean Fleece Weight	Lighter	Heavier
FD	Fibre Diameter	Finer	Stronger
SL	Staple Length	Shorter	Longer
WOL	Wool Score	Lower	Higher
CONF	Conformation 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

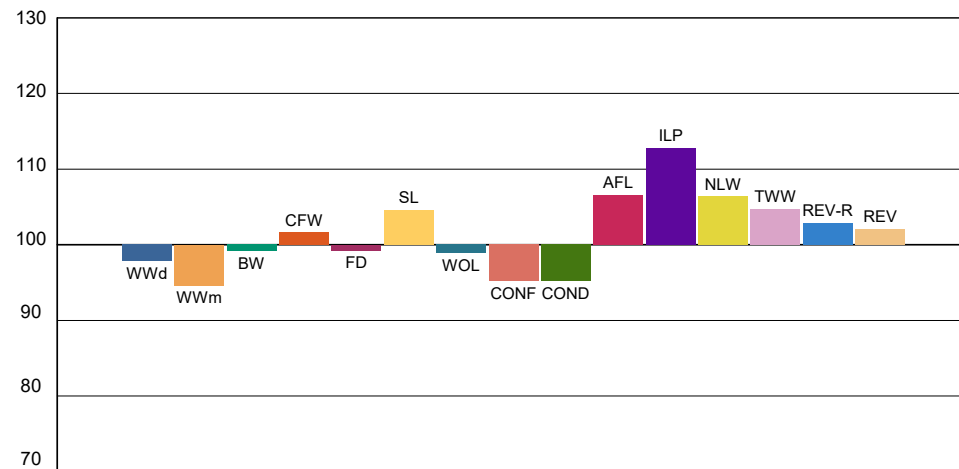
Sires of Lambs born in the last 24 Months

Number : 15



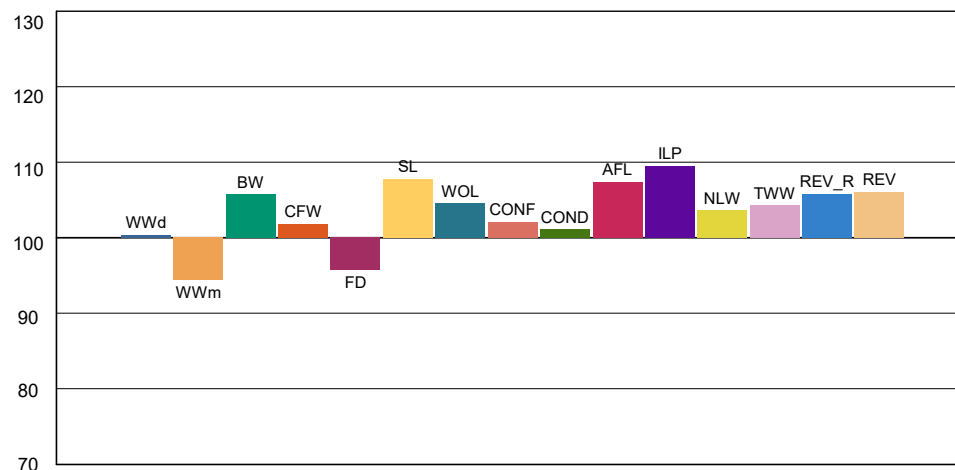
Dams of Progeny born in last 24 Months

Number : 579



Lambs born in the last 24 Months

Number : 871



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	0.41	0.44	0.47	0.42
Weaning Weight Mat	-0.13	-0.16	-0.12	0.07	0.08	0.07
Body Weight	1.22	1.32	1.16	0.70	0.99	0.60
Clean Fleece Weight	0.14	0.14	0.13	0.08	0.12	0.07
Fibre Diameter	-0.44	-0.53	-0.39	-0.15	-0.18	-0.14
Staple Length	3.63	3.96	3.44	1.14	1.46	1.01
Wool	0.16	0.20	0.14	0.10	0.14	0.09
Conformation	0.17	0.21	0.15	0.17	0.24	0.14
Condition	0.10	0.13	0.09	0.12	0.15	0.10
Future Values for Fertility						
Age at First Lambing	-7.49	-6.73	-7.96	-1.56	-1.76	-1.45
Inter-lambing Period	-3.23	-2.66	-3.58	-0.33	-0.47	-0.26
Number Lambs Weaned	0.87	0.40	1.14	0.14	0.22	0.10
Total Weight Weaned	0.50	0.41	0.56	0.21	0.22	0.20
Future Selection Indices						
REV	60.0	65.2	56.9	32.3	40.1	29.4
REV-Reproduction	59.9	63.5	57.8	31.6	38.7	28.9
Inbreeding						
Inbreeding (%)	3.29	3.63	3.09	2.40	2.42	2.38
Number of Animals						
Number of Animals	1478	535	943	96526	35355	61171

Average Future Indices

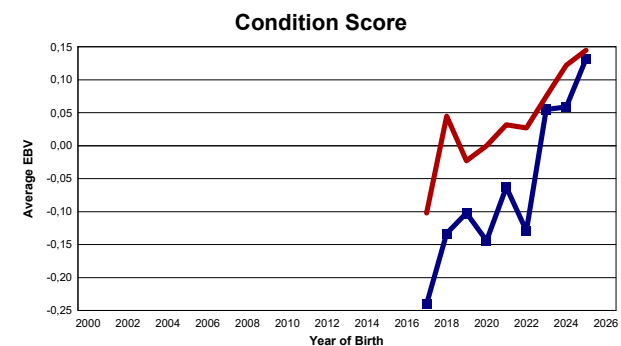
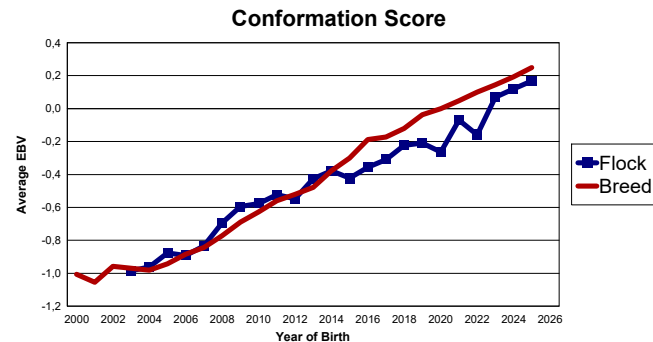
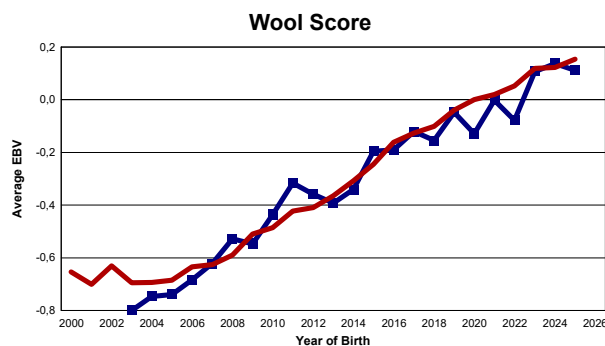
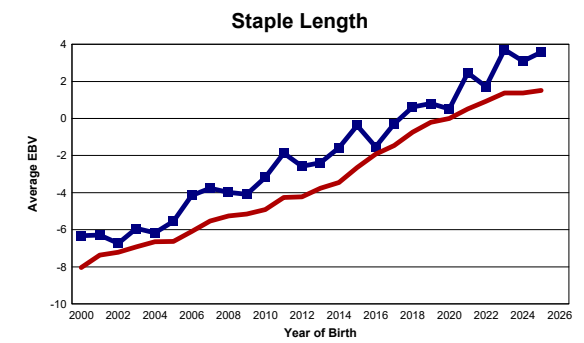
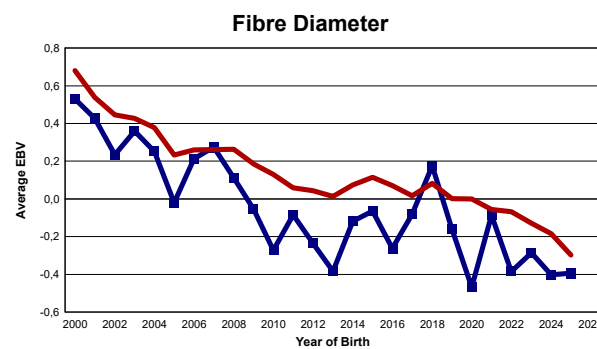
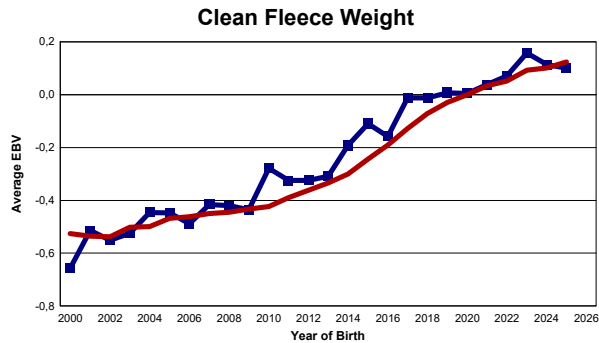
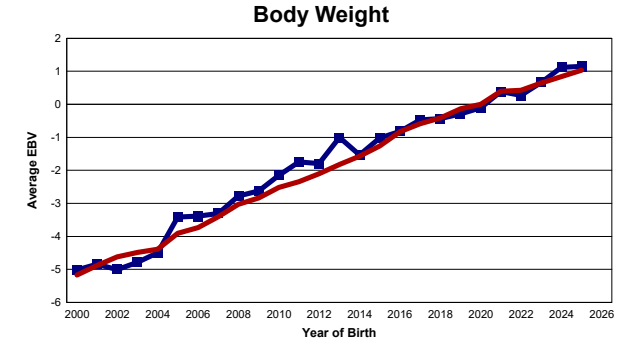
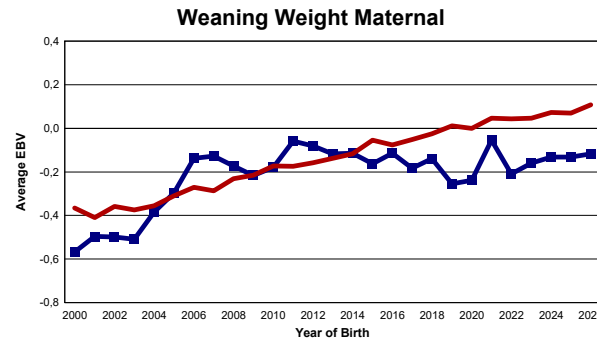
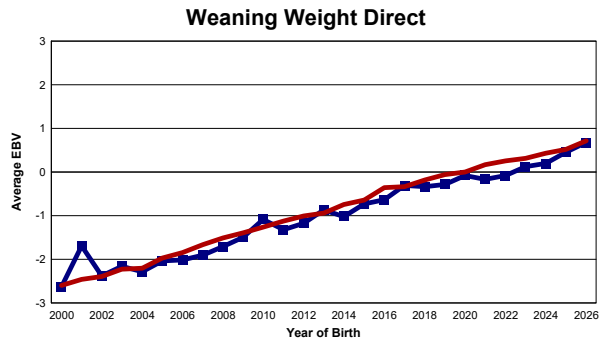
Average Future Indices of all active measured animals, where breed average of active measured animals = 100.

FK = Future Fey

Trait	Flock					
	All	FK	Rams	FK	Ewes	FK
Future Indices for Production Traits						
Weaning Weight Direct	99.6	5.0	99.5	5.0	99.6	5.0
Wean Weight Mat	94.0	4.5	93.1	4.4	94.5	4.5
Body Weight	103.9	5.3	104.7	5.4	103.5	5.3
Clean Fleece Weight	102.3	5.2	102.5	5.2	102.1	5.2
Fibre Diameter	96.3	4.7	95.2	4.6	96.9	4.7
Staple Length	107.3	5.6	108.2	5.7	106.7	5.6
Wool	103.8	5.3	105.5	5.5	102.7	5.2
Conformation	100.7	5.1	102.2	5.2	99.9	5.0
Condition	99.8	5.0	101.3	5.1	98.9	4.9
Future Indices for Fertility						
Age at First Breeding	106.9	5.6	106.0	5.5	107.4	5.6
Inter-lambing Period	109.9	5.8	108.0	5.7	111.1	5.9
Number Lambs Weaned	103.5	5.3	101.2	5.1	104.9	5.4
Total Weight Weaned	104.0	5.3	102.8	5.2	104.7	5.4
Future Selection Indices						
REV	105.6	5.5	106.6	5.6	105.0	5.4
REV-Reproduction	105.6	5.5	106.3	5.5	105.1	5.4
Inbreeding						
Inbreeding (%)	3.29		3.63		3.09	
Number of Animals						
Number of Animals	1478		535		943	

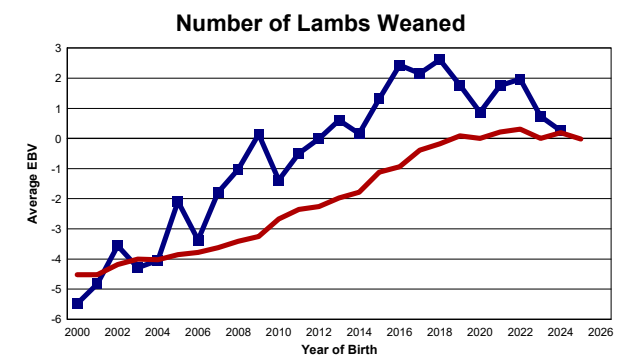
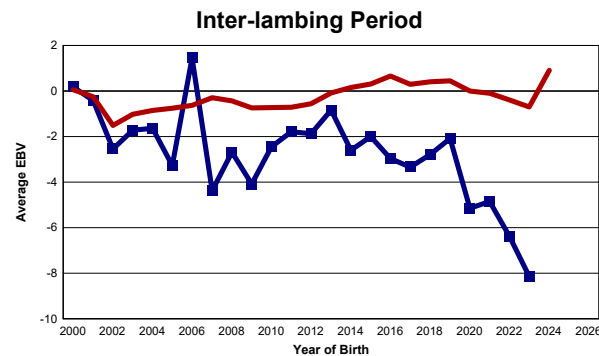
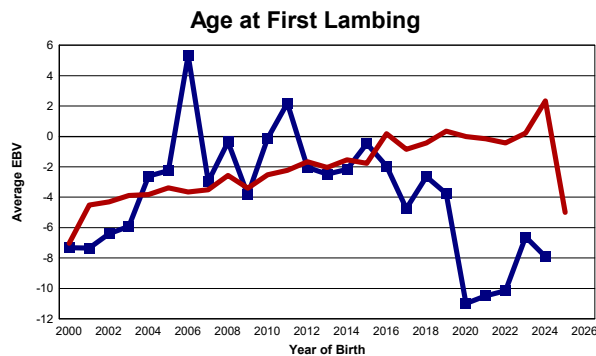
Genetic Trends : Production Traits

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.

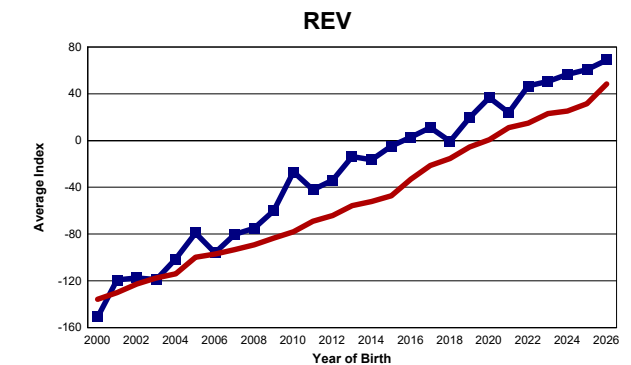
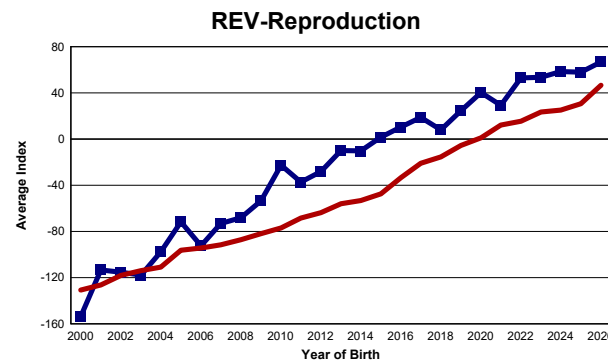
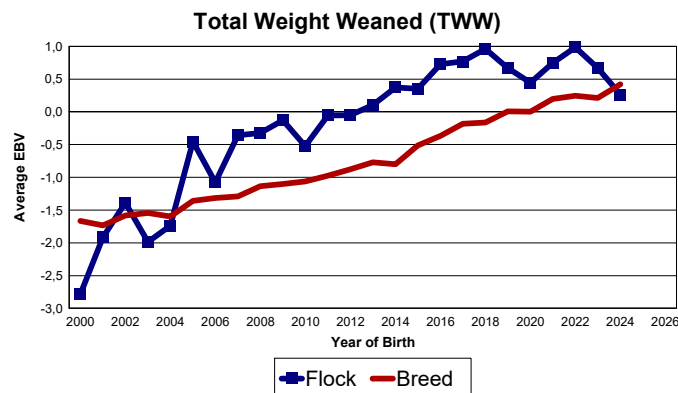


Genetic Trends: Fertility Traits and Selection Indices

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

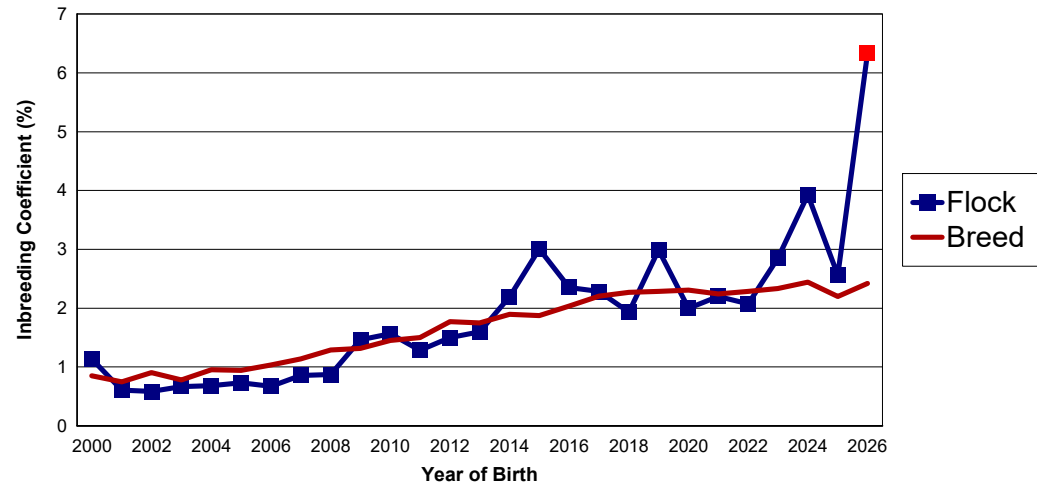
Average Future Values per year of birth for animals in the breed and flock. Genetic trends are based on measured animals that were bred by the specific breeder.

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	435	-1.02	-0.12	337	-1.54	337	-0.19	337	-0.12	335	-1.59	337	-0.34	337	-0.38	222	-0.24	87	-2.16	66	-2.60	118	0.16	92	0.37	435	-10.25	435	-16.55
2015	464	-0.73	-0.16	347	-1.02	344	-0.11	344	-0.06	344	-0.37	346	-0.20	346	-0.42		110	-0.48	89	-2.00	147	1.31	112	0.35	464	1.74	464	-4.83	
2016	414	-0.64	-0.11	346	-0.82	346	-0.16	346	-0.26	346	-1.54	346	-0.19	346	-0.36		64	-1.96	53	-2.96	73	2.43	63	0.72	414	10.37	414	2.91	
2017	481	-0.31	-0.18	399	-0.47	393	-0.01	398	-0.08	396	-0.30	399	-0.12	399	-0.31		90	-4.75	81	-3.33	124	2.15	90	0.77	481	18.88	481	10.98	
2018	479	-0.33	-0.14	300	-0.44	299	-0.01	299	0.18	299	0.62	301	-0.16	301	-0.22	301	-0.13	59	-2.66	50	-2.78	91	2.61	65	0.96	479	8.06	479	-0.79
2019	452	-0.29	-0.26	312	-0.29	250	0.01	310	-0.16	250	0.80	249	-0.05	249	-0.21	249	-0.10	77	-3.76	65	-2.09	109	1.76	83	0.67	452	24.70	452	19.53
2020	407	-0.08	-0.24	319	-0.11	318	0.01	318	-0.47	318	0.52	318	-0.13	318	-0.26	318	-0.14	84	-11.00	63	-5.14	146	0.87	89	0.44	407	40.36	407	36.49
2021	419	-0.17	-0.06	300	0.39	300	0.04	300	-0.09	300	2.45	301	0.00	301	-0.07	301	-0.06	106	-10.50	82	-4.85	151	1.75	110	0.74	419	29.17	419	23.74
2022	592	-0.08	-0.21	469	0.27	468	0.07	468	-0.39	468	1.71	469	-0.08	469	-0.16	469	-0.13	115	-10.16	62	-6.38	139	1.97	112	0.99	592	53.08	592	46.64
2023	519	0.12	-0.16	419	0.67	413	0.16	413	-0.29	413	3.72	421	0.11	421	0.07	421	0.06	117	-6.62	17	-8.14	142	0.73	115	0.67	519	53.65	519	50.47
2024	549	0.19	-0.13	431	1.12	420	0.11	420	-0.40	418	3.08	436	0.14	436	0.12	436	0.06	62	-7.91			75	0.26	63	0.26	549	58.37	549	56.58
2025	446	0.45	-0.13	148	1.15	148	0.10	148	-0.39	148	3.58	148	0.11	148	0.17	148	0.13									446	58.02	446	60.48

Inbreeding

Inbreeding in the Flock and Breed



Pedigree Information

	Number	%
Known Sires	1284	87
Known Dams	1398	95

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 - 2026	6.33	0.20
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 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 weaned	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
1	237 17 0514 80617236	0.92	1757 15 0361 237 13 0588	85	1	64	1	205.24 134	198.35 134	-0.53 89 94	-0.07 96 86	1.00 102 94	-0.05 95 95	-2.42 71 97	-0.62 95 94	2.97 114 84	1.26 114 85	125 5	-0.44 75 92	-0.44 77 93	-0.43 70 92
		Future Key :						8	8	4	5	5	5	3	5	6	6		3	3	3
2	237 17 0513 80617228	0.92	1757 15 0361 237 13 0588	226	1	168	1	169.40 127	158.61 126	-0.01 95 97	-0.45 85 91	0.92 102 97	0.33 110 98	-1.46 83 99	1.24 100 97	1.57 107 88	1.59 119 89	125 5	-0.07 93 96	-0.06 92 96	-0.27 79 96
		Future Key :						7	7	5	4	5	6	4	5	6	7		4	4	3
3	237 23 0312 99161838	1.34	1832 19 0527 237 20 0469	41	1	10	1	148.83 123	158.51 126	0.20 97 91	-0.73 76 83	1.63 107 88	0.53 119 90	-1.25 86 93	9.40 124 89	-5.08 75 82	-0.30 93 82	121 4	0.47 119 87	0.72 122 87	0.54 125 86
		Future Key :						7	7	5	3	6	7	4	7	3	4		7	7	7
4	237 20 0071 91112706	1.34	237 17 0255 237 15 0610	34	1	32	1	143.39 122	147.65 123	2.09 119 85	0.44 111 56	2.90 117 86	0.34 111 90	-1.32 85 94	-0.52 95 88	-2.52 87 41	0.84 109 46	121 6	0.13 102 81	0.12 99 83	0.26 108 80
		Future Key :						7	7	7	6	6	6	4	5	4	6		5	5	6
5	237 18 0397 82686809	3.50	237 16 0523 237 14 0377	75	2	51	2	138.26 121	132.98 120	2.03 118 94	-0.88 72 86	0.06 95 93	0.07 99 95	-1.58 82 97	7.21 118 94	0.96 104 83	0.64 106 84	120 4	-0.23 85 92	-0.46 77 92	-0.20 83 91
		Future Key :						7	7	7	3	5	5	4	7	5	6		4	3	4
6	237 24 0013 101195659	3.56	237 21 0380 237 20 0029	27	1			137.44 121	157.74 125	2.96 129 90	-0.11 95 82	4.48 129 86	0.03 98 87	-1.83 79 90	3.28 106 86	-1.11 94 81	-0.14 95 81	127 5	0.24 108 85	0.35 108 85	0.23 107 84
		Future Key :						7	7	7	5	7	5	3	6	5	5		6	6	6
7	237 22 0163 94868288	1.50	237 20 0024 237 20 0100	23	1	18	1	124.74 118	128.26 119	1.32 110 81	-0.35 88 45	1.09 103 80	0.29 109 86	-1.27 86 91	3.08 106 83	-3.46 83 34	0.13 99 38	86 2	0.07 99 75	0.22 103 77	0.35 114 74
		Future Key :						7	7	6	4	5	6	4	6	4	5		5	5	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	237 21 0059 92333830	1.54	237 16 0355 237 15 0160	23	1	22	1	120.71 118	98.46 113	2.21 121 83	0.57 115 58	3.29 120 83	0.39 113 88	0.07 103 93	7.61 119 85	8.42 140 48	3.79 149 52	124 4	-0.08 92 78	0.12 99 80	0.15 103 76
Future Key :								7	6	7	6	7	6	5	7	8	9		4	5	5
9	237 24 0143  101196442	7.76	237 21 0380 237 21 0111	41	1			120.02 117	120.83 118	2.12 119 91	-0.17 93 82	3.23 119 86	0.13 102 87	-1.13 87 90	3.77 108 86	5.81 128 81	1.35 116 81	101 3	0.22 107 85	0.43 111 85	0.19 105 85
Future Key :								7	7	7	4	7	5	4	6	7	6		6	6	5
10	1832 16 0899 78976982	3.44	1832 15 0580 1832 13 0259	250	3	190	3	118.25 117	127.83 119	1.00 106 97	-0.62 80 82	0.43 98 97	0.08 100 98	-1.72 80 99	0.27 98 97	-4.48 78 71	-0.78 87 76	97 3	-0.01 96 95	-0.27 84 95	0.08 99 94
Future Key :								6	7	6	3	5	5	3	5	3	4		5	4	5
11	237 21 0417  93185809	1.55	1832 16 0644 237 17 0384	142	1	110	1	113.40 116	126.15 119	0.40 100 96	-0.53 83 86	2.09 111 95	0.24 107 97	-1.32 85 98	3.61 107 96	-4.15 79 84	-0.41 92 85	117 4	0.41 116 94	0.12 99 94	0.30 111 94
Future Key :								6	7	5	4	6	6	4	6	3	4		6	5	6
12	1832 21 0652  92778984	5.57	1832 19 0527 1832 19 0162	722	11	309	8	113.32 116	130.48 120	0.69 103 99	0.52 113 89	4.22 127 98	-0.01 96 99	-1.51 83 99	6.61 116 98	-0.29 98 84	0.07 98 85	131 5	0.28 109 97	0.62 118 97	0.68 132 96
Future Key :								6	7	5	6	7	5	4	6	5	5		6	7	8
13	237 23 0411  99161739	1.00	1832 19 0527 237 20 0414	76	1			108.19 115	111.53 116	0.94 106 94	0.24 105 84	3.77 124 86	0.14 102 88	-0.98 89 90	3.61 107 87	-1.88 90 82	1.32 115 83	136 4	0.47 119 86	0.40 110 86	0.32 112 85
Future Key :								6	6	6	5	7	5	4	6	4	6		7	6	6
14	237 22 0491 96212915	1.40	237 20 0398 237 17 0254	40	1	33	1	107.64 115	84.87 111	-1.50 78 86	0.25 105 48	0.08 95 86	0.14 102 90	-0.75 92 94	-1.14 94 88	5.99 128 36	2.47 131 39	116 4	0.06 99 81	-0.17 88 83	-0.44 70 80
Future Key :								6	6	3	6	5	5	4	5	7	8		5	4	3

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	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 	237 20 0024 91112482	1.34	237 17 0255 237 15 0620	30	1	27	1	106.86	110.34	-0.01	-0.28	-0.39	0.05	-1.61	-2.38	-6.71	-0.49	132	-0.04	-0.26	-0.01
								115	116	95	90	92	99	81	90	67	91	7	94	84	94
								90	81	90	92	94	90	79	80			88	88	87	
		Future Key :				6	6	5	4	4	5	4	4	2	4			5	4	5	
Top Sires Flock Averages						131.71	132.84	0.93	-0.14	1.92	0.18	-1.34	3.00	-0.26	0.76			0.10	0.10	0.12	

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															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	
1	237 17 0513 80617228	0.92	1757 15 0361 237 13 0588	226	1	168	1	169.40	158.61	-0.01	-0.45	0.92	0.33	-1.46	1.24	1.57	1.59	125	-0.07	-0.06	-0.27
								127	126	95 97	85 91	102 97	110 98	83 99	100 97	107 88	119 89	5	93 96	92 96	79 96
			Future Key :				7	7	5	4	5	6	4	5	6	7		4	4	3	
2	237 23 0301 99161713	4.48	1832 19 0527 237 20 0395					168.69	169.99	0.90	-0.67	0.75	0.19	-1.91	3.23	-2.59	0.25	134	0.41	0.22	0.14
								127	128	105 68	78 54	100 69	104 74	78 83	106 71	87 46	101 49	4	116 65	103 66	102 64
			Future Key :				7	7	5	3	5	5	3	6	4	5		6	5	5	
3	237 25 0090 111523585	3.07	237 23 0312 237 20 0052					167.57	170.39	-0.20	-1.00	-0.12	0.44	-1.65	6.68	-2.93	-0.31	105	0.05	0.12	0.23
								127	128	93 64	69 40	94 64	115 71	81 82	116 67	85 32	93 35	4	98 58	99 60	107 56
			Future Key :				7	7	4	2	5	6	3	6	4	4		5	5	6	
4	237 24 0083 101196566	1.93	237 21 0417 237 21 0152					165.10	168.76	-0.31	-0.73	0.49	0.42	-1.66	2.81	-1.33	-0.14	91	0.28	-0.18	-0.04
								126	128	91 66	76 46	98 67	114 73	81 82	105 70	93 38	95 41	2	110 63	87 64	92 62
			Future Key :				7	7	4	3	5	6	3	5	4	5		6	4	4	
5	237 25 0071 111523619	1.31	1832 19 0527 237 20 0054					164.67	183.74	2.44	-0.04	4.08	0.37	-1.69	5.62	-5.95	-0.20	102	0.16	0.35	0.33
								126	131	123 68	97 53	126 69	112 74	80 83	113 71	70 45	95 48	4	104 65	108 66	112 64
			Future Key :				7	8	7	5	7	6	3	6	3	5		5	6	6	
6	237 23 0409 99162406	4.60	237 21 0429 237 21 0322					164.45	155.52	0.29	-0.99	-0.16	0.38	-1.50	0.45	2.23	0.91	121	0.49	0.44	0.02
								126	125	98 85	69 81	93 85	113 86	83 90	98 86	110 80	110 81	3	120 84	111 84	95 83
			Future Key :				7	7	5	2	5	6	4	5	6	6		7	6	5	
7	237 25 0121 111524120	1.54	237 21 0380 237 21 0625					162.30	162.28	0.36	0.03	1.23	-0.24	-2.27	3.62	1.82	0.62	101	0.17	0.19	0.11
								126	126	99 61	99 42	104 62	87 68	73 80	107 64	108 30	106 32	3	104 57	102 59	100 57
			Future Key :				7	7	5	5	5	4	3	6	6	6		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 Prog Nr wean	Wool Test Prog Nr tested		REV-R FV Index	REV FV Index	Weaning Weight Dir FV Index Acc	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
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		237 23 0481 99162158	1.62	237 21 0429 237 20 0820		151.70 124	152.39 124	-0.07 94 84	-0.62 80 80	0.17 96 84	0.38 113 85	-1.57 82 89	-1.70 92 84	-0.49 97 79	0.04 98 79	125 4	0.24 108 82	0.14 100 83	-0.01 93 82
Future Key :						7	7	5	3	5	6	4	4	5	5		6	5	5
9		237 23 0312 99161838	1.34	1832 19 0527 237 20 0469	41 1 10 1	148.83 123	158.51 126	0.20 97 91	-0.73 76 83	1.63 107 88	0.53 119 90	-1.25 86 93	9.40 124 89	-5.08 75 82	-0.30 93 82	121 4	0.47 119 87	0.72 122 87	0.54 125 86
Future Key :						7	7	5	3	6	7	4	7	3	4		7	7	7
10		237 24 0492 107429193	2.80	237 21 0417 237 22 0307		141.84 122	141.68 122	1.37 111 66	-0.49 84 46	2.58 114 67	0.33 110 73	-1.22 86 82	0.90 99 69	0.52 102 38	1.17 113 41	115 2	0.38 114 63	0.23 103 64	0.26 109 62
Future Key :						7	7	6	4	6	6	4	5	5	6		6	5	6
11		237 24 0103 101195741	4.44	237 21 0417 237 20 0053		140.94 122	145.04 123	-0.61 88 67	-1.00 69 46	-0.50 91 67	0.20 105 73	-1.79 79 82	0.56 98 70	-2.41 88 38	-0.60 89 41	102 4	0.11 102 63	-0.09 91 64	0.04 96 61
Future Key :						7	7	4	2	4	5	3	5	4	4		5	4	5
12		237 25 0005 111523601	1.30	1832 19 0527 237 20 0053		139.14 121	145.80 123	-0.90 85 68	-0.81 74 53	-0.21 93 68	0.23 106 74	-1.73 80 83	3.96 108 70	-4.44 78 44	-0.75 87 48	102 4	0.12 102 64	0.11 99 66	0.04 96 63
Future Key :						7	7	4	3	4	6	3	6	3	4		5	5	5
13		237 23 0434 99160566	1.59	1832 19 0527 237 18 0334		137.50 121	138.14 121	0.22 97 68	-0.52 83 53	0.30 97 68	0.52 118 73	-1.08 88 83	5.85 114 70	-3.44 83 45	0.08 98 49	101 4	0.14 103 64	0.23 103 66	0.15 102 63
Future Key :						7	7	5	4	5	7	4	6	4	5		5	5	5
14		237 24 0013 101195659	3.56	237 21 0380 237 20 0029	27 1	137.44 121	157.74 125	2.96 129 90	-0.11 95 82	4.48 129 86	0.03 98 87	-1.83 79 90	3.28 106 86	-1.11 94 81	-0.14 95 81	127 5	0.24 108 85	0.35 108 85	0.23 107 84
Future Key :						7	7	7	5	7	5	3	6	5	5		6	6	6

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
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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 Prog	Wool Test Nr	Prog Nr	REV-R	REV	Weaning Weight Dir	Mat	Body Weight	CFW	FD	SL	NLW	TWW	Dam EPI	WOOL	CONF	COND
						FV Index	FV Index	FV Index	FV Index	FV Index	FV Index	FV Index	FV Index	FV Index	FV Index	Times Lambd	FV Index	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
15	237 24 0017	2.11	237 21 0417			136.98	142.01	-0.06	-0.36	0.60	0.33	-1.46	3.29	-3.32	-0.24	96	0.05	0.08	0.28
	101195634		237 20 0027			121	122	94	87	99	110	83	106	83	94	3	98	98	110
								66	46	67	73	82	69	37	40		63	64	62
			Future Key :				7	7	5	4	5	6	4	6	4	5	5	5	6
16	237 25 0030	1.51	1832 19 0527			136.16	142.72	-0.44	-0.58	0.73	-0.15	-2.09	3.08	-4.19	-0.31	106	0.01	-0.49	-0.31
	111524088		237 21 0165			121	122	90	81	100	90	75	106	79	93	4	97	75	77
								66	51	67	73	82	69	42	45		63	64	61
			Future Key :				7	7	4	3	5	4	3	6	3	4	5	3	3
17	237 24 0047	7.76	237 22 0163			133.44	134.57	-0.01	-0.20	-0.25	0.14	-1.68	1.73	-2.51	-0.18	89	0.10	0.05	0.20
	101196285		237 21 0054			120	121	95	92	93	102	80	102	87	95	2	101	96	105
								62	36	63	71	82	66	27	29		57	59	56
			Future Key :				7	7	5	4	4	5	3	5	4	5	5	5	5
18	237 24 0105	2.29	237 21 0338			133.22	133.45	-0.71	-0.84	-1.34	-0.11	-2.12	-2.21	-1.98	-0.54	105	0.11	0.03	-0.12
	101195717		237 20 0052			120	120	87	73	84	92	75	90	90	90	4	102	95	87
								66	46	67	73	82	69	39	42		62	63	60
			Future Key :				7	7	4	3	4	4	3	4	4	4	5	5	4
19	237 25 0013	1.57	1832 19 0527			131.82	137.14	-0.81	-0.09	1.85	0.59	-0.77	10.52	-2.47	0.25	131	0.25	0.25	0.16
	111524237		237 22 0022			120	121	86	95	109	121	92	127	87	101	3	108	104	103
								68	53	68	74	83	70	45	48		65	66	64
			Future Key :				7	7	4	5	6	7	4	7	4	5	6	5	5
20	237 24 0160	2.25	237 21 0380			131.68	134.69	0.00	-0.32	1.01	-0.38	-2.27	-2.16	1.81	0.21	101	-0.01	-0.07	-0.22
	101195683		237 20 0032			120	121	95	89	102	81	73	91	108	100	3	96	92	82
								67	47	68	74	83	70	38	40		64	65	63
			Future Key :				7	7	5	4	5	3	3	4	6	5	5	4	4
21	237 25 0028	1.28	1832 19 0527			131.18	135.20	-0.67	-0.88	-0.08	0.07	-1.75	5.74	-4.40	-0.41	110	0.34	-0.24	-0.26
	111524260		237 22 0059			120	121	87	72	94	99	80	113	78	92	3	112	85	79
								67	53	68	73	82	70	45	49		64	66	63
			Future Key :				7	7	4	3	5	5	3	6	3	4	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%

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 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															
			Progeny	flocks	tested	flocks	FV Index	FV Index	FV Index	FV Index	FV Index	FV Index	FV Index	FV Index	FV Index	FV Index	FV Index	FV Index	FV Index	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
22	237 25 0112 111523569	2.25	237 21 0380 237 20 0032				128.10 119	134.12 121	0.11 96 67	-0.15 93 47	1.72 108 68	-0.55 74 74	-2.43 71 83	-2.74 89 70	1.81 108 38	0.21 100 40	101 3	0.09 101 64	0.06 97 65	-0.16 85 63	
		Future Key :						7	7	5	5	6	3	3	4	6	5		5	5	4
23	237 24 0049 101195709	2.35	237 22 0163 237 20 0044				124.83 118	124.56 119	0.04 95 63	-0.05 96 37	0.22 96 64	-0.26 86 71	-2.03 76 82	0.40 98 67	-1.66 91 29	0.20 100 32	95 3	-0.02 95 58	-0.06 92 60	0.11 100 56	
		Future Key :						7	7	5	5	5	4	3	5	4	5		5	4	5
24	237 24 0090 101196608	1.80	237 22 0163 237 21 0165				124.79 118	133.01 120	2.05 119 62	-0.66 79 33	2.13 111 63	-0.06 94 70	-1.79 79 82	-0.08 97 66	-1.82 91 25	0.12 99 29	106 4	-0.09 92 56	-0.09 91 58	0.07 98 55	
		Future Key :						7	7	7	3	6	5	3	5	4	5		4	4	5
25	237 22 0163 94868288	1.50	237 20 0024 237 20 0100	23	1	18	124.74 118	128.26 119	1.32 110 81	-0.35 88 45	1.09 103 80	0.29 109 86	-1.27 86 91	3.08 106 83	-3.46 83 34	0.13 99 38	86 2	0.07 99 75	0.22 103 77	0.35 114 74	
		Future Key :						7	7	6	4	5	6	4	6	4	5		5	5	6
26	237 23 0514 99160954	4.70	237 21 0338 237 19 0356				122.52 118	118.45 117	0.26 98 67	-0.02 98 47	0.33 97 67	0.10 101 73	-1.42 84 82	2.04 103 69	0.04 100 40	0.62 106 43	178 5	0.28 110 62	0.40 110 63	0.07 98 61	
		Future Key :						7	7	5	5	5	5	4	5	5	6		6	6	5
27	237 24 0144 101196145	2.46	237 21 0417 237 21 0017				122.38 118	123.15 118	0.39 100 66	-0.42 86 45	1.63 107 67	0.50 117 73	-0.79 92 82	4.10 109 69	0.34 101 37	0.64 106 39	92 2	0.23 107 63	0.06 96 64	0.23 107 61	
		Future Key :						7	7	5	4	6	6	4	6	5	6		6	5	6
28	237 23 0442 99163156	1.54	237 21 0380 237 21 0808				122.11 118	115.42 117	-0.84 85 62	-0.17 93 42	-0.34 92 62	-0.14 91 69	-1.75 80 80	1.46 101 65	1.82 108 30	0.62 106 32	99 3	0.22 107 58	0.19 102 59	0.09 99 57	
		Future Key :						7	6	4	4	4	4	3	5	6	6		6	5	5

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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 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 Lambd	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	237 24 0487 107429862	3.07	237 22 0309 237 22 0528				120.18	110.67	-0.46	0.07	1.25	0.04	-1.33	-3.68	3.21	1.59	94	-0.06	0.22	0.30	
							117	116	90 63	100 36	104 64	98 71	85 82	86 67	115 27	119 30	1	93 59	103 61	111 58	
			Future Key :					7	6	4	5	5	5	4	4	6	7		4	5	6
30	237 24 0143  101196442	7.76	237 21 0380 237 21 0111		41 1		120.02	120.83	2.12	-0.17	3.23	0.13	-1.13	3.77	5.81	1.35	101	0.22	0.43	0.19	
							117	118	119 91	93 82	119 86	102 87	87 90	108 86	128 81	116 81	3	107 85	111 85	105 85	
			Future Key :					7	7	7	4	7	5	4	6	7	6		6	6	5
31	237 24 0065 101196772	1.54	237 22 0163 237 21 0719				118.62	116.79	0.98	-0.42	0.44	0.20	-1.27	2.74	-1.44	0.42	131	0.09	0.24	0.26	
							117	117	106 59	86 32	98 59	105 68	86 80	105 63	92 17	103 19	4	100 53	104 55	109 52	
			Future Key :					6	6	6	4	5	5	4	5		5	5	6		
32	237 24 0403 107429375	5.17	237 22 0491 237 22 0376				118.22	97.12	-0.93	0.16	0.43	0.28	-0.64	1.03	5.94	2.44	101	-0.04	-0.11	-0.26	
							117	113	84 64	103 35	98 64	108 71	94 82	100 67	128 27	130 29	2	94 59	90 61	80 58	
			Future Key :					6	6	4	5	5	6	5	5	7	8		5	4	3
33	237 24 0151 101196731	1.54	237 21 0338 237 21 0707				118.03	125.63	1.28	0.02	1.75	0.32	-1.20	1.94	-1.31	-0.02	96	0.26	0.36	0.21	
							117	119	110 59	99 39	108 60	110 68	87 80	102 63	93 31	97 33	2	109 55	108 57	106 54	
			Future Key :					6	7	6	5	6	6	4	5		6	6	6		
34	237 25 0052 111524427	1.32	1832 19 0527 237 22 0184				118.01	127.39	2.59	-0.33	3.44	0.57	-0.56	8.79	-3.67	0.50	98	0.38	0.51	0.35	
							117	119	125 66	88 52	121 67	120 73	95 82	122 70	82 43	104 46	2	114 64	114 65	114 63	
			Future Key :					6	7	7	4	7	7	5	7	4	5		6	6	6
35	237 23 0413 99160269	4.34	237 21 0417 237 17 0321				117.28	119.34	-0.28	-0.64	0.40	0.18	-1.41	0.00	1.91	-0.01	107	0.25	0.02	-0.01	
							117	118	92 67	79 47	98 68	104 73	84 83	97 70	109 39	97 42	4	108 63	95 64	93 62	
			Future Key :					6	7	4	3	5	5	4	5		6	5	5		

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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 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	
36	237 25 0025 111524377	1.37	1832 19 0527 237 22 0122				114.89	120.73	1.31	-0.26	2.42	0.60	-0.42	12.70	-2.10	0.43	96	0.46	0.52	0.21	
							116	118	110 67	90 53	113 68	121 73	97 82	134 70	89 45	103 48	2	118 64	114 66	106 64	
			Future Key :					6	7	6	4	6	7	5	8	4	5		7	6	6
37	237 24 0566 107426900	3.24	237 21 0380 237 20 0333				114.77	106.62	0.90	-0.54	1.62	0.34	-0.62	7.31	4.75	1.58	137	0.27	0.39	0.22	
							116	115	105 68	82 48	107 68	111 73	94 83	118 70	122 39	119 42	4	109 64	110 65	107 63	
			Future Key :					6	6	6	4	6	6	5	7	7	7		6	6	6
38	237 21 0417  93185809	1.55	1832 16 0644 237 17 0384		142 1 110 1		113.40	126.15	0.40	-0.53	2.09	0.24	-1.32	3.61	-4.15	-0.41	117	0.41	0.12	0.30	
							116	119	100 96	83 86	111 95	107 97	85 98	107 96	79 84	92 85	4	116 94	99 94	111 94	
			Future Key :					6	7	5	4	6	6	4	6	3	4		6	5	6
39	237 23 0291 99162315	1.62	237 21 0338 237 20 0918				110.90	106.50	-0.59	-0.54	-1.12	0.62	-0.66	1.01	-1.34	-0.02	98	0.27	0.29	0.08	
							116	115	88 61	82 41	86 62	122 69	94 81	100 65	93 31	97 33	3	109 57	106 58	99 56	
			Future Key :					6	6	4	4	4	7	5	5	4	5		6	6	5
40	237 23 0342 99161127	2.17	1832 19 0527 237 19 0521				110.69	117.20	0.97	-0.07	1.86	0.33	-0.97	7.19	-2.44	0.14	122	0.50	0.44	0.30	
							116	117	106 68	96 53	109 69	110 74	90 83	118 71	88 45	99 48	5	120 65	112 66	111 63	
			Future Key :					6	6	6	5	6	6	4	7	4	5		7	6	6
41	237 25 0109 111523502	1.56	237 23 0312 237 19 0701				110.13	108.42	-0.18	-0.50	0.18	0.41	-0.79	7.92	-2.46	0.27	129	0.27	0.46	0.39	
							115	115	93 62	83 38	96 61	114 69	92 81	120 64	87 23	101 25	6	109 54	112 56	116 53	
			Future Key :					6	6	4	4	5	6	4	7	4	5		6	6	6
42	237 24 0099 101196467	2.07	237 22 0163 237 21 0112				108.67	95.69	0.45	-0.29	0.04	0.19	-0.87	4.81	3.96	1.42	108	0.33	0.02	0.02	
							115	113	100 63	90 38	95 64	104 71	91 82	111 67	119 30	116 33	3	112 59	95 60	96 57	
			Future Key :					6	6	5	4	5	5	4	6	7	6		6	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	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	237 24 0286  107428906	3.49	237 21 0380 237 21 0511				108.58	110.74	0.22	-0.22	1.26	0.12	-1.16	9.94	1.78	0.35	93	0.62	0.35	-0.11	
							115	116	97 86	92 82	104 86	102 87	87 90	126 86	108 80	102 81	2	126 85	108 85	88 84	
			Future Key :					6	6	5	4	5	5	4	7	6	5		7	6	4
44	237 23 0411  99161739	1.00	1832 19 0527 237 20 0414		76 1		108.19	111.53	0.94	0.24	3.77	0.14	-0.98	3.61	-1.88	1.32	136	0.47	0.40	0.32	
							115	116	106 94	105 84	124 86	102 88	89 90	107 87	90 82	115 83	4	119 86	110 86	112 85	
			Future Key :					6	6	6	5	7	5	4	6	4	6		7	6	6
45	237 22 0491 96212915	1.40	237 20 0398 237 17 0254		40 1 33 1		107.64	84.87	-1.50	0.25	0.08	0.14	-0.75	-1.14	5.99	2.47	116	0.06	-0.17	-0.44	
							115	111	78 86	105 48	95 86	102 90	92 94	94 88	128 36	131 39	4	99 81	88 83	70 80	
			Future Key :					6	6	3	6	5	5	4	5	7	8		5	4	3
46	237 24 0096 101196905	1.46	237 21 0380 237 22 0070				106.79	111.96	0.40	-0.23	2.05	0.21	-1.07	5.22	1.58	0.37	99	0.28	0.05	-0.18	
							115	116	100 67	91 47	110 67	105 73	88 82	112 69	107 38	102 41	2	110 63	96 65	84 63	
			Future Key :					6	6	5	4	6	5	4	6	6	5		6	5	4
47	237 24 0159 101195675	2.25	237 21 0380 237 20 0032				106.08	111.47	0.21	-0.23	1.66	-0.18	-1.72	-0.36	1.81	0.21	101	-0.02	-0.02	-0.15	
							115	116	97 67	91 47	107 68	89 74	80 83	96 70	108 38	100 40	3	95 64	93 65	86 63	
			Future Key :					6	6	5	4	6	4	3	5	6	5		5	5	4
48	237 23 0456 99162968	3.42	237 21 0380 237 21 0506				105.77	103.38	-0.03	-0.12	1.44	0.29	-0.75	7.92	3.44	0.90	114	0.18	0.18	0.02	
							115	114	95 67	94 47	106 67	109 73	92 82	120 70	116 38	109 40	3	105 63	101 64	95 62	
			Future Key :					6	6	5	5	6	6	4	7	6	6		5	5	5
49	237 24 0125 101196855	4.15	237 21 0417 237 22 0051				105.46	108.59	-0.59	-0.28	1.33	-0.14	-1.66	-1.57	0.20	0.31	83	-0.04	-0.21	-0.02	
							115	115	88 66	90 43	105 67	91 73	81 82	92 69	100 35	101 38	1	94 63	86 64	93 61	
			Future Key :					6	6	4	4	5	4	3	4	5	5		5	4	4

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														
		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	237 24 0425 107427809	237 21 0354 237 20 0306					104.19	77.71	-0.08	-0.07	-0.07	0.41	0.01	5.60	7.88	2.78	126	0.23	0.52	0.32
							114	109	94	96	94	114	102	113	138	135	4	107	115	112
		Future Key :					6	6	5	5	5	6	5	6	8	8		6	6	6
51	237 24 0599 107426835	237 21 0380 237 19 0305					103.40	99.77	0.85	0.09	2.24	-0.06	-1.19	4.04	3.29	1.40	152	0.17	0.00	-0.04
							114	114	105	101	112	94	87	109	115	116	5	104	94	92
		Future Key :					6	6	5	5	6	5	4	6	6	6		5	5	4
52	237 25 0051 111523551	1832 19 0527 237 20 0029					103.37	121.38	3.42	0.15	5.26	0.24	-0.98	3.78	-3.60	0.41	127	0.15	0.58	0.56
							114	118	134	102	135	106	89	108	82	103	5	103	117	125
		Future Key :					6	7	8	5	8	6	4	6	4	5		5	6	7
53	237 24 0368 107428153	237 21 0354 237 20 0804					101.76	98.31	-0.17	-0.27	0.04	0.59	-0.36	6.41	1.00	0.38	93	0.19	0.29	0.13
							114	113	93	90	95	121	97	115	104	102	3	105	106	101
		Future Key :					6	6	4	4	5	7	5	6	5	5		5	6	5
54	237 25 0016 111524393	1832 19 0527 237 22 0136					101.28	118.25	1.48	-0.43	2.81	0.54	-0.59	13.05	-5.00	-0.58	127	0.48	0.42	0.25
							114	117	112	85	116	119	94	135	75	89	3	119	111	108
		Future Key :					6	7	6	4	6	7	5	8	3	4		7	6	6
55	237 21 0354 93185254	1757 15 0361 237 16 0325	70	1	53	1	101.03	100.96	-0.11	-0.41	0.64	0.69	-0.14	9.11	2.02	0.27	117	0.29	0.43	0.04
							114	114	94	86	100	125	100	123	109	101	5	110	111	97
		Future Key :					6	6	5	4	5	7	5	7	6	5		6	6	5
56	237 24 0124 101196848	237 21 0417 237 22 0051					101.00	100.74	-0.83	-0.37	0.49	-0.26	-1.76	-1.07	0.20	0.31	83	-0.03	-0.26	-0.09
							114	114	85	87	98	86	79	94	100	101	1	95	84	89
		Future Key :					6	6	4	4	5	4	3	5	5	5		5	4	4

Top 60 REV_REP Measured Rams



Genotyped

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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
			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	237 25 0085 111524013	2.84	237 23 0312 237 21 0137					100.60	101.50	-0.19	0.09	1.67	0.11	-1.10	2.63	-0.75	0.66	118	0.15	0.54	0.43
				114	114	93 65	101 40	107 63	101 71	88 82	104 66	96 32	106 35	4	103 57	115 59	118 56				
			Future Key :				6	6	4	5	6	5	4	5	5	6		5	6	7	
58	237 23 0316 99160293	1.92	1832 19 0527 237 17 0346					100.29	95.50	0.86	-0.29	1.14	0.41	-0.41	9.98	0.54	1.01	141	0.10	0.21	0.21
				114	113	105 69	89 55	103 69	113 74	97 83	126 71	102 45	111 49	5	101 65	103 66	106 63				
			Future Key :				6	6	5	4	5	6	5	7	5	6		5	5	6	
59	237 24 0408 107427601	3.69	237 21 0380 237 19 0444					100.18	94.56	1.25	-0.21	2.16	0.16	-0.75	4.70	4.19	1.56	133	0.23	0.19	-0.02
				114	113	109 68	92 49	111 68	103 74	92 83	110 70	120 39	118 42	4	107 64	102 65	93 63				
			Future Key :				6	6	6	4	6	5	4	6	7	7		6	5	4	
60	237 23 0404 99162125	1.62	237 21 0429 237 20 0819					99.96	100.65	-0.02	0.23	0.91	0.28	-0.96	-0.73	0.29	0.35	120	0.18	0.59	0.50
				113	114	95 63	105 43	102 63	108 70	90 81	95 66	101 32	102 34	4	105 57	117 59	122 56				
			Future Key :				6	6	5	5	5	6	4	5	5	5		5	6	7	
Top Flock Rams (with known parents) Average:							124.05	124.94	0.37	-0.32	1.20	0.21	-1.26	3.57	-0.23	0.46		0.20	0.19	0.11	

Young Rams



Genotyped

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Indices in bottom 10%

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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	Body Weight Mat	Body Weight FV	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	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	8.26	237 24 0143	237 21 0137	79.87 110	74.56 109	1.03 107 65	0.21 104 39	2.07 111 49	0.06 99 53	-0.70 93 59	1.41 101 51	4.69 122 30	1.49 117 33	118 4	0.01 97 46	0.29 106 47	0.20 105 45
2	1.56	Future Key :		6 26.42 99	6 36.02 101	6 -0.37 91 59	5 -0.30 89 38	6 0.34 97 45	5 0.11 101 47	4 -0.47 96 48	5 1.83 102 46	7 -0.93 95 31	7 -0.86 86 33	98 1	5 0.26 109 44	6 0.31 107 44	5 0.12 101 43
3	12.46	Future Key :		5 92.52 112	5 98.05 113	4 0.04 95 66	4 -0.40 86 44	5 0.65 100 56	5 0.18 104 59	5 -1.13 87 63	5 2.52 104 58	5 -0.82 95 38	4 -0.28 94 40	101 1	6 0.34 113 54	6 0.47 112 55	5 0.16 103 53
4	8.09	Future Key :		6 32.00 100	6 42.19 102	5 -0.50 89 65	4 -0.40 86 43	5 0.84 101 55	5 0.15 103 58	4 -0.41 97 63	5 3.18 106 56	5 -1.71 91 35	5 -0.71 88 38	104 1	6 0.34 112 52	6 0.43 111 53	5 0.26 109 52
5	8.09	Future Key :		5 34.56 101	5 41.30 102	4 -1.48 78 65	4 -0.32 88 43	5 0.00 95 55	5 0.13 102 58	5 -0.49 96 63	6 3.04 106 56	4 -1.71 91 35	4 -0.71 88 38	104 1	6 0.33 112 52	6 0.29 105 53	6 0.15 103 52
6	1.56	Future Key :		5 23.81 99	5 35.81 101	3 0.20 97 59	4 -0.25 91 38	5 0.93 102 45	5 0.12 101 47	5 -0.41 97 48	6 1.95 102 46	4 -0.93 95 31	4 -0.86 86 33	96 1	6 0.26 109 44	6 0.39 110 44	5 0.18 104 43
7	1.83	Future Key :		5 80.63 110	5 75.94 109	5 0.62 102 64	4 -0.44 85 38	5 1.09 103 48	5 0.24 107 52	5 -0.51 95 59	5 3.23 106 49	5 3.03 114 29	4 0.98 111 32	123 3	6 0.08 100 45	6 0.06 97 46	5 -0.09 89 44
		Future Key :		6	6	5	4	5	6	5	6	6	6		5	5	4

Young Rams



Genotyped

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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	Body 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	Times Lambded	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	26.07	237 21 0380	237 24 0111	27.14 99	29.14 99	0.06 96 66	-0.06 96 45	1.58 107 58	-0.12 92 60	-0.40 97 64	6.87 117 59	2.87 113 35	0.49 104 37	103 1	0.41 116 56	0.31 106 56	0.09 99 55
9	26.07	Future Key :		5	5	5	5	6	4	5	6	6	5		6	6	5
		237 21 0380	237 24 0111	26.83 99	29.27 99	0.18 97 66	-0.07 96 45	1.68 108 58	-0.12 92 60	-0.39 97 64	6.89 117 59	2.87 113 35	0.49 104 37	103 1	0.41 116 56	0.33 107 56	0.11 100 55
10	5.95	Future Key :		5	5	5	5	6	4	5	6	6	5		6	6	5
		237 24 0143	237 23 0014	110.49 116	100.90 114	0.96 106 65	-0.31 89 40	1.37 105 49	0.24 106 53	-0.75 92 59	5.07 111 51	6.46 131 31	1.63 119 34	135 2	0.01 97 46	0.10 98 47	-0.05 91 46
11	5.95	Future Key :		6	6	6	4	5	6	4	6	8	7		5	5	4
		237 24 0143	237 23 0014	113.06 116	100.53 114	0.12 96 65	-0.25 91 40	0.65 100 49	0.22 106 53	-0.82 92 59	4.95 111 51	6.46 131 31	1.63 119 34	135 2	0.01 97 46	-0.02 94 47	-0.14 86 46
12	12.64	Future Key :		6	6	5	4	5	6	4	6	8	7		5	5	4
		237 21 0429	237 24 0114	57.66 105	62.36 106	0.11 96 65	-0.34 88 44	0.80 101 56	0.33 110 59	-0.32 98 63	3.81 108 57	-1.38 93 37	-0.15 95 39	101 1	0.29 110 53	0.48 113 54	0.19 105 53
13	6.51	Future Key :		5	6	5	4	5	6	5	6	4	5		6	6	5
		237 24 0143	237 23 0056	111.54 116	106.89 115	1.71 115 63	-0.09 95 35	2.34 113 47	0.26 107 51	-0.76 92 58	4.73 111 49	5.02 124 28	1.53 118 30	99 2	0.05 99 44	0.27 105 45	0.20 105 43
14	2.23	Future Key :		6	6	6	5	6	6	4	6	7	7		5	5	5
		237 23 0411	237 22 0120	62.02 106	64.61 107	0.34 99 64	0.07 100 38	1.57 107 47	0.06 99 52	-0.73 93 59	1.09 100 49	-3.51 82 28	0.43 103 31	119 3	0.18 105 44	0.21 102 45	0.24 107 43
Future Key :				6	6	5	5	6	5	4	5	4	5		5	5	6

Young Rams



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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	Body 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	Times Lambded	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	27.20	237 21 0380	237 24 0019	49.05 103	49.17 103	0.39 99 67	-0.14 94 46	1.49 106 59	-0.18 89 61	-0.81 92 64	5.46 113 60	2.86 113 37	0.67 106 40	99 1 1	0.34 112 57	0.25 104 58	0.03 96 57
16	1.44	Future Key :		5	5	5	5	6	4	4	6	6	6		6	5	5
		237 24 0013	237 23 0619	31.41 100	48.87 103	1.86 117 58	-0.16 93 31	2.68 115 36	-0.03 95 39	-0.75 92 44	0.21 97 37	-0.09 99 20	-0.66 88 22	110 2 2	0.14 103 33	0.25 104 34	0.16 103 33
17	1.63	Future Key :		5	5	6	4	6	5	4	5	5	4		5	5	5
		237 24 0013	237 23 0143	72.86 108	84.27 111	2.74 127 62	0.16 103 34	3.77 124 46	0.16 103 51	-0.69 93 58	2.81 105 48	-0.94 95 25	0.45 103 28	111 2 2	0.20 106 43	0.42 111 44	0.35 114 42
18	26.07	Future Key :		6	6	7	5	7	5	4	5	5	5		6	6	6
		237 21 0380	237 24 0081	59.44 106	60.05 106	-0.04 95 65	-0.15 94 44	1.35 105 58	-0.30 84 60	-1.18 87 64	3.53 107 59	2.51 112 35	0.57 105 37	100 1 1	0.30 111 56	0.30 106 56	0.08 99 55
19	2.28	Future Key :		6	6	5	5	5	4	4	6	6	5		6	6	5
		237 23 0411	237 23 0107	75.15 109	77.31 109	1.66 114 64	0.06 100 38	2.89 117 47	0.26 108 52	-0.36 97 58	3.47 107 49	-1.15 94 28	1.04 111 31	109 2 2	0.11 102 44	0.32 107 45	0.31 112 43
20	4.02	Future Key :		6	6	6	5	6	6	5	6	5	6		5	6	6
		237 24 0143	237 20 0131	103.65 114	102.15 114	1.62 114 63	0.09 101 36	2.31 112 47	0.08 100 52	-1.06 88 59	1.45 101 49	3.04 114 28	1.20 114 31	123 5 5	0.17 104 43	0.30 106 44	0.25 108 41
21	4.08	Future Key :		6	6	6	5	6	5	4	5	6	6		5	6	6
		237 24 0143	237 23 0071	81.96 110	73.55 108	0.51 101 64	-0.24 91 37	1.21 104 48	0.13 102 52	-0.58 95 59	4.32 109 50	5.46 126 28	1.43 117 31	111 2 2	0.05 99 45	0.11 98 46	0.01 95 44
Future Key :				6	6	5	4	5	5	5	6	7	6		5	5	5

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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	Body 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	Times Lambed	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	1.63	237 24 0013	237 22 0137	64.25 106	74.33 109	1.90 117 62	0.01 98 35	2.44 113 47	0.19 105 51	-0.63 94 58	3.11 106 48	-2.51 87 26	0.01 97 29	123 3	0.18 105 43	0.14 100 44	0.14 102 42
23	2.82	Future Key :		6	6	6	5	6	5	5	6	4	5		5	5	5
		237 23 0411	237 23 0001	77.60 109	76.01 109	0.89 105 65	-0.14 94 40	2.01 110 49	0.25 107 52	-0.41 97 59	4.35 109 50	-0.39 97 31	1.05 112 34	115 2	0.22 106 46	0.29 106 47	0.21 106 45
24	2.82	Future Key :		6	6	5	5	6	6	5	6	5	6		6	6	6
		237 23 0411	237 23 0001	76.17 109	76.57 109	1.46 112 65	-0.18 93 40	2.50 114 49	0.26 107 52	-0.36 97 59	4.43 110 50	-0.39 97 31	1.05 112 34	115 2	0.22 107 46	0.37 109 47	0.27 109 45
25	2.68	Future Key :		6	6	6	4	6	6	5	6	5	6		6	6	6
		237 24 0013	237 23 0044	131.06 120	131.70 120	1.37 111 62	-0.13 94 35	2.25 112 48	0.32 110 52	-1.08 88 59	5.12 112 49	2.12 110 28	0.94 110 31	108 2	0.11 101 44	-0.01 94 45	0.01 95 43
26	3.03	Future Key :		7	7	6	5	6	6	4	6	6	6		5	5	5
		237 23 0411	237 23 0053	63.34 106	62.92 106	0.93 106 65	0.10 101 38	2.74 116 48	0.22 106 52	-0.18 100 59	3.41 107 49	-0.26 98 29	1.24 114 32	110 2	0.11 101 45	0.14 100 46	0.21 106 43
27	6.88	Future Key :		6	6	6	5	6	6	5	6	5	6		5	5	6
		237 24 0013	237 23 0559	77.32 109	83.42 110	0.74 103 62	-0.21 92 35	1.55 107 48	0.01 97 52	-1.07 88 58	4.27 109 49	0.27 101 29	0.06 98 31	103 1	0.28 110 44	0.15 100 45	-0.06 91 44
28	8.24	Future Key :		6	6	5	4	6	5	4	6	5	5		6	5	4
		237 21 0429	237 24 0006	97.04 113	99.34 114	-0.01 95 66	-0.25 91 44	1.29 105 57	0.35 111 60	-0.73 93 63	4.52 110 58	-0.26 98 37	0.33 102 39	101 1	0.34 113 54	0.65 120 55	0.45 119 53
Future Key :				6	6	5	4	5	6	4	6	5	5		6	7	7

Young Rams



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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	Body 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	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	
29	1.90	237 23 0411	237 21 0150	54.31	51.31	0.38	0.09	2.06	0.19	-0.13	2.06	0.53	1.22	121 4	0.00	0.10	0.19	
105				104	99	101	110	104	100	103	102	114	96		98	105		
					66	41	49	53	59	50	30	34	45		46	45		
30	8.36	237 21 0429	237 24 0044	Future Key :	5	5	5	5	6	5	5	5	6	105 1	5	5	5	
				68.46	74.02	0.08	0.11	1.64	0.04	-0.84	6.75	0.08	0.15		0.42	0.46	0.24	
				107	108	96	101	107	98	91	116	100	99		116	112	108	
		65	44	55	58	63	56	35	38	52	53	52						
31	1.82	237 24 0143	237 23 0075	Future Key :	6	6	5	5	6	5	4	6	5	5	96 1	6	6	6
				94.92	92.93	1.26	-0.28	2.03	0.14	-0.87	1.62	3.74	1.12	0.11		0.16	0.07	
				112	112	110	90	110	102	91	102	118	112	102		101	98	
		64	38	48	52	58	50	30	32	45	46	45						
32	1.82	237 24 0143	237 23 0075	Future Key :	6	6	6	4	6	5	4	5	7	6	96 1	5	5	5
				94.33	93.00	1.44	-0.29	2.19	0.14	-0.86	1.65	3.74	1.12	0.12		0.19	0.09	
				112	112	112	89	111	103	91	102	118	112	102		102	99	
		64	38	48	52	58	50	30	32	45	46	45						
33	2.93	237 23 0411	237 23 0151	Future Key :	6	6	6	4	6	5	4	5	7	6	109 2	5	5	5
				88.21	78.46	-0.89	-0.15	0.50	0.10	-0.81	1.70	1.49	1.27	0.22		0.09	0.10	
				111	109	85	94	98	101	92	102	107	115	107		98	100	
		65	38	48	52	59	50	29	32	45	46	44						
34	8.40	237 21 0380	237 24 0132	Future Key :	6	6	4	5	5	5	4	5	6	6	102 1	6	5	5
				29.64	33.74	0.74	-0.06	1.94	0.07	-0.10	6.66	1.10	0.41	0.37		0.40	0.13	
				100	100	104	96	110	100	101	116	105	103	114		110	102	
		65	44	57	60	64	58	35	37	55	56	55						
35	10.07	237 21 0429	237 24 0150	Future Key :	5	5	5	5	6	5	5	6	5	5	103 1	6	6	5
				139.13	141.94	-0.45	-0.07	0.96	0.07	-1.75	2.37	0.35	0.17	0.32		0.51	0.24	
				121	122	90	96	102	99	80	104	101	100	111		114	108	
		66	44	56	59	63	57	37	39	54	55	53						
		Future Key :		7	7	4	5	5	5	3	5	5	5		6	6	6	

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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	Body Mat	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	Times Lambded	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	1.71	237 24 0143	237 22 0180	92.75 112	91.51 112	0.64 102 63	-0.09 95 35	1.26 104 47	0.15 103 51	-0.94 90 58	2.00 103 48	1.54 107 26	0.71 107 28	130 3	0.13 102 43	0.12 99 44	0.13 101 42
37	1.71	Future Key :		6	6	5	5	5	5	4	5	6	6		5	5	5
		237 24 0143	237 22 0180	89.79 111	91.78 112	1.56 113 63	-0.16 93 35	2.06 110 47	0.16 103 51	-0.87 91 58	2.12 103 48	1.54 107 26	0.71 107 28	130 3	0.13 102 43	0.25 104 44	0.22 107 42
38	1.96	Future Key :		6	6	6	5	6	5	4	5	6	6		5	5	6
		237 23 0411	237 23 0164	48.98 103	45.86 103	0.48 100 64	0.31 107 37	2.22 112 45	0.08 100 50	-0.20 99 57	2.78 105 47	1.26 106 27	1.31 115 29	110 2	0.31 111 41	0.28 105 42	0.32 112 40
39	28.02	Future Key :		5	5	5	6	6	5	5	5	6	6		6	5	6
		237 21 0429	237 24 0033	53.93 104	59.01 105	-0.58 88 66	-0.35 88 44	0.54 99 56	0.23 106 59	-0.46 96 63	5.33 112 58	0.09 100 38	-0.30 93 40	97 1	0.41 116 54	0.38 109 55	0.11 100 53
40	1.57	Future Key :		5	6	4	4	5	6	5	6	5	4		6	6	5
		237 24 0143	237 19 0029	71.03 108	68.31 107	1.53 113 65	0.37 109 40	2.46 113 50	0.01 97 54	-0.66 93 60	1.75 102 52	3.96 119 31	1.38 116 34	174 6	0.11 101 47	0.25 104 48	0.22 107 46
41	7.93	Future Key :		6	6	6	6	6	5	5	5	7	6		5	5	6
		237 21 0380	237 24 0028	50.81 104	56.62 105	0.89 105 65	0.09 101 44	2.43 113 57	0.03 98 60	-0.57 95 64	3.70 108 58	0.80 103 35	0.46 103 37	101 1	0.33 112 55	0.30 106 56	0.18 104 55
42	9.34	Future Key :		5	5	5	5	6	5	5	6	5	5		6	6	5
		237 21 0380	237 24 0145	107.41 115	110.64 116	0.07 96 66	-0.09 96 45	1.92 109 58	-0.20 88 61	-1.65 81 64	2.31 104 59	2.22 110 37	0.55 105 39	100 1	0.38 114 56	0.38 109 57	0.06 98 56
		Future Key :		6	6	5	5	6	4	3	5	6	5		6	6	5

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Animal ID Regnr	% In-breeding	Sire ID	Dam ID	REV-R	REV	Weaning Weight Dir	Body Mat	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	Times Lambded	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	114515497	4.15	237 23 0411 237 24 0040	48.55 103	46.45 103	-0.05 94 64	-0.08 96 38	1.48 106 47	0.13 102 51	-0.18 100 58	5.68 113 48	0.39 101 28	0.87 109 30	103 1	0.40 115 44	0.18 101 45	0.12 101 43
44	114515505	4.15	Future Key : 237 23 0411 237 24 0040	5 48.40 103	5 46.54 103	5 0.01 64	5 -0.09 38	6 1.53 47	5 0.14 51	5 -0.18 58	6 5.69 48	5 0.39 28	6 0.87 30	103 1	6 0.40 44	5 0.19 45	5 0.13 43
45	114529753	1.54	Future Key : 237 23 0411 237 21 0719	5 73.71 108	5 68.74 107	5 -0.16 62	5 0.04 36	6 1.05 41	5 -0.02 45	5 -0.87 52	6 1.34 42	5 -0.65 22	6 1.01 24	131 4	6 0.24 37	5 0.18 38	5 0.17 36
46	114515190	1.44	Future Key : 237 24 0013 237 23 0608	6 29.15 100	6 43.73 102	4 1.32 59	5 -0.32 32	5 1.97 38	5 -0.09 42	4 -0.83 48	5 -0.66 40	5 -0.09 20	6 -0.66 22	109 2	6 0.06 35	5 0.05 36	5 0.04 34
47	114515208	1.44	Future Key : 237 24 0013 237 23 0608	5 27.99 99	5 43.88 102	6 1.70 59	4 -0.35 32	6 2.29 38	4 -0.09 42	4 -0.80 48	5 -0.61 40	5 -0.09 20	4 -0.66 22	109 2	5 0.07 35	5 0.11 36	5 0.08 34
48	114514342	3.14	Future Key : 237 24 0013 237 21 0060	5 97.80 113	5 93.37 112	6 1.86 64	4 0.35 40	6 3.41 49	4 0.02 53	4 -0.84 59	5 3.77 51	5 4.24 32	4 1.99 35	128 4	5 0.06 46	5 0.27 47	5 0.12 44
49	114514326	4.61	Future Key : 237 23 0411 237 21 0002	6 60.45 106	6 61.29 106	6 0.31 66	6 0.01 43	7 2.21 49	5 0.11 53	4 -0.44 59	6 3.93 51	7 0.78 34	7 0.88 37	117 4	5 0.29 46	5 0.21 47	5 0.10 44
Future Key :				6	6	5	5	6	5	5	6	5	6		6	5	5



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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	Body Mat	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	Times Lambded	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	8.66	237 21 0380	237 24 0172	78.45 109	82.85 110	0.73 103 66	-0.04 97 45	2.44 113 58	0.16 103 61	-0.68 93 64	5.14 112 59	1.14 105 36	0.61 106 39	101 1	0.39 115 56	0.38 109 57	0.12 101 56
51	3.93	Future Key :		6	6	5	5	6	5	4	6	5	6		6	6	5
		237 23 0411	237 20 0029	114.27 116	117.13 117	2.14 120 67	0.41 110 43	3.88 124 51	0.07 100 54	-1.18 87 60	0.22 97 52	-0.44 97 35	1.42 117 38	127 5	0.17 104 47	0.23 103 48	0.30 111 46
52	1.06	Future Key :		6	6	7	6	7	5	4	5	5	6		5	5	6
		237 24 0013	237 22 0056	53.43 104	65.24 107	2.05 119 64	-0.03 97 39	3.08 118 49	0.05 98 53	-0.71 93 59	1.48 101 51	0.38 101 30	0.11 99 33	148 3	0.01 97 46	0.25 104 47	0.25 108 45
53	2.89	Future Key :		5	6	7	5	7	5	4	5	5	5		5	5	6
		237 24 0013	237 23 0163	96.64 113	99.38 114	2.46 123 63	-0.23 91 39	3.61 122 49	0.08 100 53	-0.91 90 59	3.56 107 51	2.55 112 31	1.31 115 34	116 2	0.18 105 46	0.34 107 47	0.16 103 45
54	9.47	Future Key :		6	6	7	4	7	5	4	6	6	6		5	6	5
		237 21 0380	237 24 0088	53.22 104	50.30 104	-0.29 92 66	-0.13 94 45	1.26 104 58	-0.02 96 61	-0.53 95 64	6.57 116 59	2.97 114 37	0.88 109 39	100 1	0.30 110 56	0.18 101 57	0.00 94 56
55	3.19	Future Key :		5	5	4	5	5	5	5	6	6	6		6	5	5
		237 24 0013	237 23 0012	114.63 116	120.33 118	0.84 105 63	-0.41 86 38	2.05 110 49	0.01 97 53	-1.51 83 59	2.34 104 50	0.90 104 31	0.34 102 34	100 2	0.02 97 46	0.02 95 47	-0.02 93 45
56	13.03	Future Key :		6	7	5	4	6	5	4	5	5	5		5	5	4
		237 21 0429	237 24 0046	85.22 111	86.53 111	-0.70 87 66	-0.39 87 45	-0.19 93 57	0.30 109 59	-0.78 92 63	5.62 113 58	-0.11 99 38	-0.21 94 40	103 1	0.41 116 54	0.38 109 55	0.01 95 53
Future Key :				6	6	4	4	4	6	4	6	5	5		6	6	5

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Animal ID Regnr	% In-breeding	Sire ID	Dam ID	REV-R	REV	Weaning Weight Dir	Body Mat	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	Times Lambded	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
57	13.03	237 21 0429	237 24 0046	84.29 110	86.68 111	-0.39 90 66	-0.41 86 45	0.08 95 57	0.31 109 59	-0.76 92 63	5.67 113 58	-0.11 99 38	-0.21 94 40	103 1 1	0.41 116 54	0.42 111 55	0.04 96 53
58	2.79	237 23 0411	237 23 0153	6 65.40 107	6 64.68 107	4 1.14 108 65	4 0.04 99 38	5 2.75 116 47	6 0.20 105 51	4 -0.24 99 58	6 3.90 108 49	5 0.25 101 28	5 1.28 115 31	103 2 2	6 0.16 104 44	6 0.22 103 45	5 0.13 101 44
59	4.56	237 23 0411	237 21 0080	6 61.86 106	6 57.83 105	6 -0.60 88 66	5 -0.01 98 43	6 1.19 104 50	5 0.17 104 54	5 -0.35 98 60	6 3.60 107 52	5 1.72 108 33	6 0.95 110 36	137 4 4	5 0.38 114 47	5 0.08 97 48	5 -0.03 92 46
60	4.56	237 23 0411	237 21 0080	6 59.73 106	5 58.80 105	4 0.28 98 66	5 -0.08 96 43	5 1.95 110 50	5 0.19 104 54	5 -0.28 98 60	6 3.72 108 52	6 1.72 108 33	6 0.95 110 36	137 4 4	6 0.38 114 47	5 0.20 102 48	4 0.06 98 46
61	4.56	237 23 0411	237 21 0080	6 60.33 106	5 58.52 105	5 0.03 95 66	5 -0.06 96 43	6 1.73 108 50	5 0.18 104 54	5 -0.30 98 60	6 3.69 107 52	6 1.72 108 33	6 0.95 110 36	137 4 4	6 0.38 114 47	5 0.17 101 48	5 0.03 96 46
62	1.21	237 24 0143	237 22 0136	6 106.44 115	5 107.94 115	5 0.52 101 64	5 -0.25 91 39	6 1.39 105 49	5 0.41 114 53	5 -0.69 93 59	6 7.43 118 50	6 2.00 109 31	6 0.46 103 33	127 3 3	6 0.30 110 46	5 0.09 98 47	5 -0.06 91 45
63	11.04	237 21 0429	237 24 0133	6 54.23 104	6 57.47 105	5 -0.23 92 65	4 -0.27 90 43	5 0.43 98 55	6 0.41 114 58	4 -0.11 101 63	7 4.30 109 56	6 -1.86 90 36	5 -0.17 95 38	101 1 1	6 0.39 115 52	5 0.54 115 53	4 0.23 107 51
Future Key :				5	5	4	4	5	6	5	6	4	5		6	6	6



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Animal ID Regnr	% In-breeding	Sire ID	Dam ID	REV-R	REV	Weaning Weight Dir	Body Mat	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	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
64	1.56	237 23 0411	237 24 0707	33.03 100	40.24 102	0.50 101 58	-0.03 97 31	1.87 109 34	0.01 97 37	-0.50 96 41	0.30 98 35	-0.47 97 22	0.07 98 24	97 1	0.24 107 32	0.19 102 33	0.16 103 32
65	11.75	Future Key :		5	5	5	5	6	5	5	5	5	5		6	5	5
		237 21 0429	237 24 0038	77.07 109	82.09 110	-0.15 93 66	-0.50 83 44	0.41 98 56	0.08 100 59	-1.08 88 63	2.67 105 57	-0.79 96 37	-0.32 93 40	101 1	0.29 110 54	0.39 109 54	0.03 96 53
66	7.93	Future Key :		6	6	4	4	5	5	4	5	5	4		6	6	5
		237 21 0380	237 24 0066	32.25 100	36.89 101	0.09 96 65	-0.27 90 43	1.28 104 57	-0.11 92 59	-0.62 94 63	4.60 110 58	0.20 100 35	0.09 98 37	97 1	0.35 113 55	0.16 101 56	0.12 101 55
67	8.59	Future Key :		5	5	5	4	5	4	5	6	5	5		6	5	5
		237 21 0429	237 24 0015	89.40 111	95.69 113	-0.39 90 66	-0.26 90 44	0.80 101 56	0.29 109 59	-0.89 91 63	4.50 110 58	-2.42 88 37	-0.30 93 39	99 1	0.27 109 54	0.28 105 55	0.09 99 53
68	2.12	Future Key :		6	6	4	4	5	6	4	6	4	4		6	5	5
		237 24 0143	237 23 0079	106.72 115	105.68 115	1.69 114 64	-0.19 93 36	2.03 110 48	0.23 106 52	-0.92 90 59	2.38 104 49	2.27 110 27	1.02 111 30	118 2	0.13 102 44	0.16 100 45	0.18 104 43
69	3.17	Future Key :		6	6	6	4	6	6	4	5	6	6		5	5	5
		237 23 0411	237 19 0009	80.94 110	78.23 109	0.06 96 67	-0.09 95 43	1.28 104 51	0.00 97 55	-0.97 90 60	1.60 101 52	1.61 107 34	0.87 109 37	143 6	0.18 105 47	0.13 99 48	0.15 103 46
70	3.17	Future Key :		6	6	5	5	5	5	4	5	6	6		5	5	5
		237 23 0411	237 19 0009	86.70 111	78.04 109	-1.64 76 67	0.04 99 43	-0.18 93 51	-0.03 95 55	-1.10 88 60	1.36 101 52	1.61 107 34	0.87 109 37	143 6	0.17 104 47	-0.11 90 48	-0.03 93 46
Future Key :				6	6	3	5	4	5	4	5	6	6		5	4	4

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	Body 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	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	
71	114516206	1.56	237 23 0411	237 24 0714	32.47	40.19	0.62	-0.02	2.00	0.01	-0.49	0.33	-0.47	0.07	101	0.24	0.21	0.18
					100	102	102	98	110	97	96	98	97	98	1	108	102	104
							58	31	34	37	41	35	22	24		32	33	32
72	114516131	1.56	237 23 0411	237 24 0620	Future Key :	5	5	5	5	6	5	5	5	5	6	5	5	
					34.59	40.40	0.16	-0.06	1.53	0.00	-0.53	0.24	-0.47	0.07	99	0.24	0.14	0.13
					101	102	97	96	106	97	95	98	97	98	1	107	100	101
					58	31	34	37	41	35	22	24		32	33	32		
73	114515885	8.84	237 21 0380	237 24 0138	Future Key :	5	5	5	5	6	5	5	5	5	6	5	5	
					15.52	24.93	1.66	-0.15	2.86	0.13	0.22	7.48	0.37	0.24	104	0.26	0.41	0.19
					97	99	114	93	117	102	105	118	101	101	1	109	110	105
					66	44	58	60	64	59	36	38		56	57	56		
74	114515372	28.23	237 21 0429	237 24 0021	Future Key :	5	5	6	5	6	5	5	7	5	5	6	6	5
					87.81	89.34	-1.04	-0.20	0.42	0.29	-0.75	6.51	-0.17	0.04	100	0.38	0.36	0.09
					111	112	83	92	98	109	92	116	99	98	1	114	108	99
					66	44	56	59	63	57	37	39		53	54	53		
75	114515786	26.73	237 21 0429	237 24 0121	Future Key :	6	6	4	4	5	6	4	6	5	5	6	6	5
					120.03	118.45	-0.72	-0.34	0.34	0.38	-0.99	6.21	-0.17	0.34	100	0.31	0.42	0.13
					117	117	87	88	97	112	89	115	99	102	1	111	111	101
					66	44	56	59	63	57	38	40		53	54	53		
76	114515273	7.93	237 21 0380	237 24 0001	Future Key :	7	7	4	4	5	6	4	6	5	5	6	6	5
					33.47	39.01	0.39	-0.06	2.10	-0.03	-0.39	5.83	0.95	0.34	104	0.33	0.17	0.11
					100	101	99	96	111	95	97	114	104	102	1	112	101	101
					66	45	58	60	64	59	35	37		56	56	55		
77	114515547	10.19	237 21 0380	237 24 0045	Future Key :	5	5	5	5	6	5	5	6	5	5	6	5	5
					72.04	73.04	-0.29	-0.37	0.57	0.00	-0.97	5.62	2.70	0.17	100	0.34	0.24	-0.06
					108	108	92	87	99	97	90	113	112	100	1	112	103	91
					67	46	59	61	64	60	37	40		57	57	56		
			Future Key :		6	6	4	4	5	5	4	6	6	5	6	5	4	

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	Body Mat	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	Times Lambded	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
78	1.56	237 23 0411	237 24 0711	27.83 99	39.11 101	1.37 111 59	0.15 102 33	2.87 117 34	0.01 97 37	-0.40 97 41	0.52 98 35	-0.47 97 22	0.07 98 24	110 1	0.24 108 32	0.31 106 33	0.26 109 32
79	1.56	Future Key :		5	5	6	5	6	5	5	5	5	5		6	6	6
		237 23 0411	237 24 0711	26.88 99	39.49 101	1.75 115 59	0.12 102 33	3.20 119 34	0.02 97 37	-0.37 97 41	0.57 98 35	-0.47 97 22	0.07 98 24	110 1	0.24 108 32	0.36 108 33	0.30 111 32
80	27.20	Future Key :		5	5	6	5	7	5	5	5	5	5		6	6	6
		237 21 0380	237 24 0018	62.33 106	64.59 107	0.70 103 67	-0.09 95 46	2.14 111 59	-0.19 88 61	-1.01 89 64	4.15 109 60	2.90 113 37	0.73 107 40	101 1	0.29 110 57	0.32 107 58	0.12 101 57
81	1.38	Future Key :		6	6	5	5	6	4	4	6	6	6		6	6	5
		237 24 0143	237 22 0070	100.00 113	101.60 114	1.06 107 64	-0.24 91 38	2.14 111 49	0.26 107 52	-0.82 91 59	3.31 106 50	2.95 114 31	0.78 108 33	99 2	0.12 102 46	0.12 99 46	-0.06 91 45
82	26.44	Future Key :		6	6	6	4	6	6	4	6	6	6		5	5	4
		237 21 0429	237 24 0130	69.29 107	73.70 108	-0.97 84 65	-0.14 94 42	0.31 97 55	0.28 108 58	-0.58 95 63	7.57 119 56	-2.44 88 36	-0.32 93 38	98 1	0.49 120 52	0.45 112 53	0.12 101 51
83	8.41	Future Key :		6	6	4	5	5	6	5	7	4	4		7	6	5
		237 21 0380	237 24 0080	38.87 101	41.41 102	-0.17 93 66	-0.12 94 44	0.84 101 57	-0.12 92 60	-0.73 93 64	4.01 108 58	0.83 103 35	0.12 99 37	101 1	0.15 103 55	0.12 99 56	0.00 94 55
84	1.44	Future Key :		5	5	4	5	5	4	4	6	5	5		5	5	5
		237 24 0013	237 23 0607	33.92 100	53.21 104	2.44 123 57	-0.18 93 31	3.13 119 37	0.00 97 41	-0.73 93 47	0.12 97 38	-0.09 99 20	-0.66 88 22	110 2	0.16 104 34	0.29 105 35	0.17 104 34
		Future Key :		5	5	7	4	7	5	4	5	5	4		5	6	5

Young Rams



Genotyped

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FV - Future Values

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

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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	Body 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	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	
85	1.44	237 24 0143	237 23 0603	37.99	45.60	1.22	0.17	2.01	0.00	-0.59	0.46	3.37	0.08	115	0.10	0.26	0.16	
				101	103	109	103	110	96	94	98	116	98	2	101	104	103	
						58	31	36	39	44	37	20	21		33	34	32	
86	8.06	237 21 0380	237 24 0022	Future Key :	5	5	6	5	6	5	5	5	6	5	5	5	5	
				50.52	54.64	0.06	-0.32	1.41	0.08	-0.51	5.58	1.51	0.19	97	0.39	0.19	0.05	
				104	105	96	89	105	100	95	113	107	100	1	115	102	97	
				66	45	59	61	64	60			37	39		57	58	56	
87	10.73	237 24 0143	237 21 0141	Future Key :	5	5	5	4	6	5	5	6	6	5	6	5	5	
				90.71	74.29	1.15	-0.07	1.99	-0.06	-0.73	1.58	7.45	2.64	143	0.17	0.18	0.05	
				112	109	108	96	110	94	93	101	136	133	4	104	101	97	
				65	40	49	53	59	51			32	34		46	47	45	
88	10.73	237 24 0143	237 21 0141	Future Key :	6	6	6	5	6	5	4	5	8	8	5	5	5	
				89.44	74.52	1.58	-0.10	2.36	-0.05	-0.70	1.64	7.45	2.64	143	0.17	0.24	0.10	
				111	109	113	95	113	94	93	102	136	133	4	104	104	100	
				65	40	49	53	59	51			32	34		46	47	45	
89	1.44	237 24 0013	237 23 0612	Future Key :	6	6	6	5	6	5	4	5	8	8	101	5	5	5
				38.57	48.24	0.32	-0.58	0.76	-0.12	-1.01	-1.24	-0.09	-0.66	101	0.12	-0.06	-0.07	
				101	103	99	81	100	92	89	93	99	88	2	102	92	90	
				59	32	38	42	48	40			20	22		35	36	34	
90	1.44	237 24 0013	237 23 0612	Future Key :	5	5	5	3	5	4	4	4	5	4	101	5	4	4
				38.78	48.23	0.25	-0.58	0.71	-0.12	-1.01	-1.25	-0.09	-0.66	101	0.12	-0.07	-0.08	
				101	103	98	81	100	92	89	93	99	88	2	102	92	90	
				59	32	38	42	48	40			20	22		35	36	34	
91	12.46	237 21 0429	237 24 0009	Future Key :	5	5	5	3	5	4	4	4	5	4	99	5	4	4
				97.07	102.22	-0.35	-0.41	0.33	0.20	-1.18	3.40	-1.16	-0.37	99	0.34	0.40	0.11	
				113	114	91	86	97	105	87	107	94	92	1	112	110	100	
				66	44	56	59	63	58			38	40		54	55	53	
		Future Key :		6	6	4	4	5	5	4	6	5	4		6	6	5	



Young Rams



Genotyped

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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	Body 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	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
92	3.26	237 24 0013	237 23 0145	96.07	100.77	2.39	0.16	3.55	0.16	-0.84	3.79	2.10	1.07	100 1	0.32	0.33	0.22
				113	114	123	103	122	103	91	108	110	112		112	107	107
						63	35	47	52	58	49	27	29		44	45	43
93	7.91	237 21 0380	237 24 0164	6	6	7	5	7	5	4	6	6	6	103 1	6	6	6
				54.09	56.20	-0.10	-0.23	1.03	-0.10	-0.88	3.52	1.10	0.26		0.29	0.07	0.03
				104	105	94	91	103	92	91	107	105	101		110	97	96
						66	45	58	60	64	58	35	37		55	56	55
94	1.92	237 24 0143	237 22 0059	5	5	5	4	5	4	4	6	5	5	110 3	6	5	5
				108.86	110.09	0.60	-0.58	1.65	0.07	-1.28	2.67	2.61	0.63		0.15	0.06	-0.14
				115	116	102	81	107	99	86	105	112	106		103	97	86
						64	39	49	53	59	50	32	34		46	47	45
		Future Key :		6	6	5	3	6	5	4	5	6	6		5	5	4
Flock Rams (with known parents) Average:				68.72	71.0	0.57	-0.13	1.68	0.10	-0.70	3.30	1.10	0.51		0.24	0.24	0.12
Number : 94																	

Top 15 REV_REP Ewes



Genotyped

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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- brding	Sire ID Dam ID	Dam EPI Times Lambded	Generation Prog Weaned		REV-R	REV	Weanning 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	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	237 25 0011 111524286	1.42	1832 19 0527 237 22 0067	140	3		243.24 142	236.30 141	0.07 96 68	-0.57 81 54	0.87 101 69	0.47 116 74	-2.17 74 83	4.51 110 71	-0.31 98 45	1.18 113 49	0	-0.01 96 65	0.09 98 66	0.04 96 64
				Future Key :		9	8	5	3	5	6	3	6	5	6		5	5	5	
2	237 22 0119 94867231	1.13	237 17 0513 237 17 0110	108	4	2	219.91 137	207.48 135	0.88 105 70	0.22 104 55	2.05 110 70	0.09 100 75	-2.22 74 84	-1.74 92 72	2.17 110 47	2.29 128 51	104 3	0.20 106 65	0.02 95 66	-0.07 90 61
				Future Key :		8	8	5	5	6	5	3	4	6	7		6	5	4	
3	237 22 0067 94867041	1.44	237 17 0513 237 16 0121	126	5	5 1	205.72 134	178.71 130	-0.21 93 73	-0.27 90 62	0.37 98 73	0.35 111 78	-1.54 82 85	0.82 99 75	7.59 136 50	3.07 139 55	140 3	-0.27 83 68	-0.26 84 69	-0.22 82 65
				Future Key :		8	8	4	4	5	6	4	5	8	8		4	4	4	
4	237 24 0150 101196277	2.70	237 21 0380 237 21 0045	97	3	2	199.06 133	195.41 133	-0.35 91 68	0.13 102 51	0.92 102 67	-0.21 88 73	-2.62 68 82	-1.97 91 69	3.49 116 39	0.89 109 42	103 1	0.12 102 62	0.32 107 64	0.21 106 62
				Future Key :		8	8	4	5	5	4	2	4	6	6		5	6	6	
5	237 23 0382 99161598	1.37	1832 19 0527 237 20 0349	92	2	1	198.30 133	199.33 134	0.23 98 68	-0.24 91 55	1.54 106 68	0.58 121 73	-1.64 81 82	4.51 110 70	-3.25 84 45	0.60 105 49	101 1	0.32 111 64	0.18 101 65	0.06 97 63
				Future Key :		8	8	5	4	6	7	3	6	4	6		6	5	5	
6	237 24 0359 107429938	13.64	237 17 0513 237 22 0572	121	2		197.25 133	179.54 130	-0.34 91 67	-0.36 87 49	-0.22 93 67	-0.01 96 73	-2.21 74 82	-3.89 86 69	3.34 116 39	1.86 122 43	0	-0.01 95 63	-0.33 81 64	-0.48 67 62
				Future Key :		8	8	4	4	4	5	3	4	6	7		5	4	2	
7	237 23 0536 99162034	1.62	237 21 0429 237 20 0808	96	3	1	178.92 129	170.78 128	-1.89 73 63	-0.42 86 45	-1.43 84 61	0.45 115 69	-1.66 81 80	5.32 112 64	-1.09 94 34	0.28 101 37	101 1	0.14 103 56	0.14 100 58	0.11 100 55
				Future Key :		7	7	3	4	4	6	3	6	5	5		5	5	5	
8	237 24 0544 107429979	26.04	237 17 0513 237 22 0591	101	2		177.80 129	162.76 126	-1.07 83 66	-0.54 82 49	-1.07 86 66	0.03 98 72	-2.09 75 82	-3.84 86 69	0.88 104 41	1.20 114 44	0	0.04 98 62	-0.40 79 64	-0.53 65 62
				Future Key :		7	7	4	4	4	5	3	4	5	6		5	3	2	

Top 15 REV_REP Ewes



Genotyped

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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- brding	Sire ID Dam ID	Dam EPI Times Lambd	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	237 25 0010 111524278	1.42	1832 19 0527 237 22 0067	140 3		175.94 128	168.55 128	-0.54 89 68	-0.27 90 54	0.75 100 69	0.01 97 74	-2.02 76 83	2.61 104 71	-0.31 98 45	1.18 113 49	0	0.01 96 65	-0.07 92 66	-0.06 91 64
				Future Key :		7	7	4	4	5	5	3	5	5	6		5	4	4
10	237 25 0111 111523577	2.25	237 21 0380 237 20 0032	101 3		171.14 127	174.20 129	-0.32 91 67	-0.27 90 47	0.97 102 68	-0.47 77 74	-2.77 67 83	-3.21 88 70	1.81 108 38	0.21 100 40	0	0.02 97 64	-0.21 86 65	-0.35 75 63
				Future Key :		7	7	4	4	5	3	2	4	6	5		5	4	3
11	237 24 0145 101196921	2.76	237 21 0429 237 22 0080	109 2	1	167.06 127	169.31 128	0.23 98 67	-0.23 91 49	1.66 107 66	-0.14 91 72	-2.28 73 82	-1.79 92 69	1.39 106 41	0.57 105 45	100 1	0.31 111 62	0.50 114 63	0.14 102 60
				Future Key :		7	7	5	4	6	4	3	4	6	5		6	6	5
12	237 25 0060 111524351	1.07	1832 19 0527 237 22 0119	104 3		165.56 126	170.81 128	1.76 115 67	-0.24 91 53	3.01 118 68	0.43 115 73	-1.37 84 82	6.67 116 70	-3.01 85 44	0.79 108 48	0	0.42 116 64	0.42 111 65	0.25 108 63
				Future Key :		7	7	6	4	7	6	4	6	4	6		6	6	6
13	237 22 0352 96214655	1.40	237 17 0513 237 19 0305	152 5	3	161.83 126	147.59 123	1.60 114 71	-0.11 95 58	2.16 111 70	0.00 97 75	-1.58 82 84	3.27 106 71	3.54 117 48	2.51 131 52	114 2	0.02 97 65	-0.20 87 67	-0.36 74 65
				Future Key :		7	7	6	5	6	5	4	6	6	8		5	4	3
14	237 22 0376 96214259	1.46	237 17 0514 237 18 0489	121 5	2	158.45 125	137.59 121	-0.16 93 69	-0.08 96 50	0.34 97 68	0.13 102 74	-1.42 84 83	0.96 100 70	5.89 128 40	2.41 130 44	101 2	-0.20 86 63	-0.08 91 64	-0.08 90 61
				Future Key :		7	7	4	5	5	5	4	5	7	8		4	4	4
15	237 20 0414 90631391	2.92	237 17 0352 237 17 0324	119 4	6 1	157.02 125	130.39 120	-0.07 94 76	0.34 108 60	1.78 108 72	0.11 101 76	-1.19 87 85	-2.71 89 73	9.17 144 48	3.64 147 53	136 4	0.04 98 66	-0.09 91 67	0.04 97 64
				Future Key :		7	7	5	6	6	5	4	4	9	9		5	4	5
Top Flock Ewes (with known parents) Average:						185.15	175.25	-0.01	-0.19	0.91	0.12	-1.92	0.63	2.09	1.51		0.08	0.00	-0.09

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 EPI Times Lamb	Generation Prog Weaned		REV-R	REV	Weaning Weight	Body Weight		CFW	FD	SL	NLW	TWW	EPI	WOOL	CONF	COND
				1st	2nd	FV Index	FV Index	Dir FV Index Acc	Mat 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	237 19 0356 86280872	2.11	237 16 0523 237 17 0500	82 2	8 1	49.55 104	38.45 101	1.25 109 74	0.80 122 62	1.84 109 72	0.08 100 78	0.07 103 86	6.01 114 74	3.27 115 52	1.98 124 57	178 5	-0.09 92 67	0.23 103 68	0.16 103 65
Future Key :						5	5	6	7	6	5	5	6	6	7		4	5	5
2	237 19 0029 84184241	1.34	1832 16 0899 237 15 0703	90 3	11 2	24.76 99	20.43 98	1.49 112 75	0.87 124 62	2.16 111 74	-0.10 93 80	-0.15 100 88	-0.19 96 76	2.11 110 49	1.41 116 54	174 6	0.00 96 68	0.14 100 70	0.30 111 67
Future Key :						5	5	6	7	6	4	5	5	6	6		5	5	6
3	237 18 0414 82687989	1.99	237 16 0355 237 16 0509	89 1	9 1	72.94 108	49.41 103	-0.06 94 74	0.61 116 61	0.76 100 72	0.16 103 78	0.01 102 86	2.02 103 75	5.67 127 51	2.83 136 56	164 6	0.15 103 67	-0.03 93 69	0.02 95 63
Future Key :						6	5	5	6	5	5	5	5	7	8		5	4	5
4	237 19 0302 86279700	1.34	237 16 0523 237 15 0809	124 5	9	42.86 102	25.69 99	-0.06 94 73	0.08 101 60	-0.08 94 67	0.42 114 72	1.03 115 82	9.03 123 68	4.10 119 47	1.76 121 51	158 5	-0.28 82 61	-0.53 74 63	-0.18 84 60
Future Key :						5	5	5	5	5	6	6	7	7	7		4	3	4
5	237 18 0309 82687328	1.39	237 16 0355 237 15 0376	123 5	9 2	30.15 100	18.82 97	-0.12 94 78	0.44 111 66	0.93 102 77	0.12 102 81	0.38 107 88	5.22 112 79	5.46 126 56	1.60 119 61	156 6	0.09 101 73	0.09 98 74	-0.07 90 70
Future Key :						5	5	5	6	5	5	6	6	7	7		5	5	4
6	237 19 0305 86280369	2.91	1832 16 0899 237 17 0274	105 3	8 2	111.50 116	98.80 113	1.64 114 76	0.19 104 64	2.03 110 74	0.04 98 78	-0.94 90 85	2.68 105 75	3.52 116 52	2.26 128 58	152 5	0.00 96 69	-0.30 83 70	-0.18 84 67
Future Key :						6	6	6	5	6	5	4	5	6	7		5	4	4
7	237 22 0056 94866944	1.34	1757 15 0361 237 15 0609	134 6	5	-6.06 93	-7.13 92	-0.14 93 71	0.14 102 59	0.58 99 71	0.04 98 77	0.32 106 86	-0.50 95 73	1.87 108 44	0.36 102 49	148 3	-0.22 85 65	-0.04 93 67	0.13 102 64
Future Key :						4	4	4	5	5	5	6	5	6	5		4	4	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- 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	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	237 18 0310 82687310	1.39	237 16 0355 237 15 0376	123 5	8 4	66.56 107	43.78 102	-0.68 87 78	0.06 100 67	0.09 95 78	0.11 101 83	-0.05 101 89	4.86 111 80	7.67 137 56	2.46 131 61	146 5	0.13 102 74	0.27 105 75	0.04 97 72	
		Future Key :					6	5	4	5	5	5	5	6	8	8		5	5	5
9	237 19 0089 84184357	13.55	237 16 0523 237 16 0002	121 5	10 5	75.49 109	58.21 105	-0.02 95 77	-0.43 85 67	-1.54 83 76	-0.12 91 81	-1.00 89 88	2.50 104 78	7.25 135 56	1.20 113 61	145 6	-0.05 94 71	-0.21 86 72	-0.34 75 68	
		Future Key :					6	5	5	4	4	4	4	5	8	6		5	4	3
10	237 19 0009 84183441	4.20	237 16 0393 237 14 0282	114 4	10 4	55.12 105	44.84 103	-1.26 80 76	-0.38 87 63	-1.59 82 76	-0.14 90 81	-0.99 89 88	-0.47 95 78	5.10 124 51	0.43 103 57	143 6	-0.12 90 69	-0.21 86 71	-0.08 90 66	
		Future Key :					5	5	3	4	4	4	4	5	7	5		4	4	4
11	237 21 0141 92318989	1.31	237 16 0355 237 17 0079	91 3	7 2	63.60 106	30.90 100	0.46 100 73	0.01 98 62	0.98 102 72	-0.25 86 77	-0.31 98 85	-0.58 95 74	9.10 144 50	3.92 150 55	143 4	0.11 101 66	-0.02 94 68	-0.05 92 63	
		Future Key :					6	5	5	5	5	4	5	5	9	9		5	5	4
12	237 18 0478 82687393	2.28	237 15 0451 237 15 0423	123 4	8 1	60.00 106	30.63 100	-0.04 95 75	0.36 109 62	1.52 106 71	-0.09 93 76	0.06 103 84	2.32 104 73	10.73 151 52	3.79 149 56	141 5	-0.01 95 65	-0.20 87 67	-0.07 91 62	
		Future Key :					6	5	5	6	6	4	5	5	9	9		5	4	4
13	237 19 0310 86280070	2.46	237 17 0493 237 16 0434	120 4	9 1	53.28 104	53.44 104	0.74 104 75	-0.21 92 62	0.82 101 74	-0.06 94 79	-0.79 92 87	2.59 104 76	6.11 129 48	0.36 102 53	141 5	-0.25 84 67	0.12 99 69	0.09 99 65	
		Future Key :					5	5	5	4	5	5	4	5	7	5		4	5	5
14	237 22 0067 94867041	1.44	237 17 0513 237 16 0121	126 5	5 1	205.72 134	178.71 130	-0.21 93 73	-0.27 90 62	0.37 98 73	0.35 111 78	-1.54 82 85	0.82 99 75	7.59 136 50	3.07 139 55	140 3	-0.27 83 68	-0.26 84 69	-0.22 82 65	
		Future Key :					8	8	4	4	5	6	4	5	8	8		4	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- brding	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	Mat										
			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	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	
15 237 18 0337  82687658	1.34	237 15 0298	96	3	7	3	32.44	15.32	0.66	-0.26	-0.74	0.01	-0.06	0.18	3.70	1.50	140	0.05	-0.27	-0.27
		237 15 0907						100	97	103 85	90 82	89 85	97 87	101 90	97 86	117 80	118 81	6	99 83	84 84
		Future Key :				5	5	5	4	4	5	5	5	6	7		5	4	3	
Top Flock Ewes (with known parents) Average:							62.53	46.69	0.24	0.14	0.54	0.04	-0.26	2.43	5.55	1.93		-0.05	-0.08	-0.05

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													
237 18 0337	8.76	HH Horns	0	0	0	0	0	0	0	0	0	AHQ/ARQ R3	EK R2
RAMS													
1757 15 0361	14.07	HH Horns	0	0	0	0	0	0	0	0	0	AHQ/ARR R2	- -
237 15 0298	8.63	HH Horns	0	0	0	0	0	0	0	0	0	ARQ/ARR R2	- -
237 15 0451	8.65	HH Horns	0	0	0	0	0	0	0	0	0	VRQ/ARQ R5	- -
237 16 0355	8.59	HH Horns	0	0	0	0	0	0	0	0	0	VRQ/ARR R4	- -
237 16 0393	10.08	HH Horns	0	0	0	0	0	0	0	0	0	ARQ/ARQ R3	- -
237 16 0523	7.76	HH Horns	0	0	0	0	0	1	0	0	0	ARQ/ARR R2	- -
237 17 0352	9.58	HH Horns	0	0	0	0	0	0	0	0	0	AHQ/ARR R2	KK R1
237 17 0493	10.00	HH Horns	0	0	0	0	0	0	0	0	0	ARQ/ARR R2	EK R2
237 17 0513	9.68	HH Horns	0	0	0	0	0	0	0	0	0	AHQ/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													
237 17 0514	10.23	HH Horns	0	0	0	0	0	0	0	0	0	AHQ/ARR R2	EE R3
237 18 0397	10.13	HH Horns	0	0	0	0	0	0	0	0	0	AHQ/ARR R2	EE R3
237 19 0035	9.67	HH Horns	0	0	0	0	0	0	0	0	0	ARQ/ARQ R3	KK R1
237 20 0024	9.88	HH Horns	0	0	0	0	0	0	0	0	0	ARR/ARR R1	KK R1
237 21 0006	9.36	HH Horns	0	0	0	0	0	0	0	0	0	ARQ/ARQ R3	- -
237 21 0010	8.51	PH Polled	0	0	0	0	0	0	0	0	0	AHQ/ARR R2	- -
237 21 0338	10.96	HH Horns	0	0	0	0	0	0	0	0	0	ARQ/ARR R2	- -
237 21 0380	10.12	PH Polled	0	0	0	0	0	0	0	0	0	AHQ/ARR R2	- -
237 21 0417	10.38	HH Horns	0	0	0	0	0	0	0	0	0	AHQ/ARQ R3	- -
237 21 0429	10.97	PH Polled	0	-	0	0	0	0	0	0	0	ARQ/ARQ R3	- -
237 22 0306	10.54	HH Horns	0	0	0	0	0	0	0	0	0	ARR/ARR R1	EK R2
237 22 0480	11.60	HH Horns	0	0	0	0	0	0	0	0	0	AHQ/ARQ R3	KK R1

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													
237 23 0312	13.31	PH Polled	0	0	0	0	0	0	0	0	0	ARR/ARR R1	EK R2
237 23 0317	14.07	PH Polled	0	0	0	0	0	0	0	0	0	ARR/ARR R1	EK R2
237 23 0323	15.23	HH Horns	-	0	0	0	0	0	0	0	0	ARR/ARR R1	EK R2
237 23 0409	14.25	PH Polled	0	0	0	0	0	0	0	0	0	ARQ/ARQ R3	EK R2
237 23 0411	13.94	PH Polled	0	0	0	0	0	0	0	0	0	ARQ/ARR R2	EK R2
237 23 0481	13.75	PH Polled	0	0	0	0	0	0	0	0	0	ARQ/ARR R2	KK R1
237 24 0013	12.65	HH Horns	0	0	0	0	0	0	0	0	0	ARQ/ARR R2	EK R2
237 24 0143	10.90	HH Horns	0	0	0	0	0	0	0	0	0	ARQ/ARR R2	EE R3
237 24 0286	14.20	HH Horns	0	0	0	0	0	0	0	0	0	AHQ/ARR R2	EE R3
237 24 0306	11.26	PH Polled	0	0	0	0	0	0	0	0	0	ARQ/ARR R2	EK R2
237 24 0309	12.59	PH Polled	0	0	0	0	0	0	0	0	0	AHQ/ARQ R3	EK R2
237 24 0425	12.57	HH Horns	0	0	0	0	0	0	0	0	0	AHQ/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.