

DORMER GENETIC REPORT

21 September 2026

dormer

YIELD AGRI INVESTMENT

FDM : YD



CERTIFICATE
OF QUALITY

Valid up to
October 2029



General Information

This **Genetic Report** of your flock enables you to determine the genetic merit and potential of the animals in your herd relative to that of the breed. An animal's performance is determined by two factors, namely the environment and genetics. Good nutrition and management can improve performance, but an animal cannot perform better than its genetic potential. Superior performance due to the environment cannot be carried over to the next generation. It is therefore extremely important not to neglect genetic progress of your flock. Due to the interaction between environment and genetics, it is difficult to identify genetically superior animals on performance data. Estimated Breeding Values (EBVs) are therefore predicted for every animal to determine its genetic potential, as well its worth as a parent for the next generation. Through the use of EBVs, animals can be compared fairly **within the breed**, therefore across herds, years and production systems. Results presented in this report allow the breeder to identify the underlying genetics of the animals.

Genetic parameters

Genetic parameters (heritability and genetic correlations) are estimated on a breed-basis and are required for the prediction of breeding values. The **heritability** refers to the portion of the variation of a trait in a population that is due to transferrable genetics (the rest of the variation can be attributed to the environment and non-transferrable genetics). Some traits are genetically correlated, which means that a change in one trait will lead to changes in other traits. The strength of this association amongst traits is referred to as a **genetic correlations** and can be desirable or undesirable.

Breeding Values

The prediction of EBVs makes use of performance recordings of the animal as well as those of its relatives, pedigree information and genetic parameters. The deviation of the animal's measurement relative to the average of its contemporary group, forms the basis for identifying the animal's genetic potential for the trait. A **contemporary group** is a group of animals that have been exposed to the same environmental and biological effects, including herd, year, sex and age effects. After adjusting for differences in these effects, animals can fairly be compared and the difference in performance that still persist are then assumed to be due to differences in the genetic merit of the animals.

The EBV predicted for an animal at birth and until it has been measured, is the average EBV of its parents, since the animal received half of its genes from each parent. This mid-parent value makes the assumption that the same half of the parents' genes are carried over to all their offspring. In reality, each offspring receives a random sample of each parent's genes,

therefore mid-parent EBVs are still of low accuracy, but it does indicate the genetic level that can be expected due its parental history. An animal's true genetic merit can be predicted more accurately as more information becomes available, eg. when the animal has been measured or when the number of relatives with measurements increases. Estimated breeding values therefore change over time as more information becomes available. EBVs of animals are published with an **accuracy (%)**, which indicates how much information was available for the estimation of breeding values and therefore the confidence with which a breeder can use it. Factors that influence the accuracy of an EBV are the heritability of the trait, the number of measured relatives, the size of the contemporary group, the precision with which the measurements were taken and the completeness of pedigree information. An EBV with an accuracy of 85% or more is less likely to change significantly with subsequent genetic analyses.

Interpretation of breeding values

EBVs are expressed around a **base year** (5 years ago), which means that the average breeding value of the base year is set as zero and all breeding values are expressed relative to this average. An animal with an EBV of +1kg for weaning weight is therefore genetically superior by 1kg compared to an average animal born in the base year. EBVs therefore express genetic merit of animals relative to each other. The true performance of an animal cannot be calculated from the EBV, but it enables the breeder to know which animals will make a better contribution to the next generation. For easier interpretation EBVs are also expressed as breeding value indices. For these indices the average value of the **active population** is set as 100 with a standard deviation of 12. An index of 76 therefore indicates that the animal is 2 standard deviations below the average and an index of 112 indicates that the animal is 1 standard deviation above the average of the active population for the specific trait. Please note that negative EBVs are favourable for Inter-Lambing Period and Age at First Lambing, therefore shorter inter-lambing periods and younger ages at first lambing indicates better fertility. However, breeding value indices are expressed in the same way for all traits, therefore higher indices indicates desirability for the traits and lower indices are undesirable. This makes it easy to identify superior animals for all traits.

The data used in this evaluation has been obtained from LOGIX, as supplied by breeders. Everything possible had been done to present the information correctly. SA Stud Book does not take any responsibility for the use and interpretation of the information from this publication.

Selection Indices

It is easy to select on a single trait, but that is not the best approach to follow. Selecting on only one trait can lead to the deterioration of performance in other traits due to genetic correlations. There are different traits that are important, some being more important than others. A selection index combines multiple traits, each with an economic weight to take the different levels of importance into account. EBVs for different traits cannot simply be added together, since the unit of measurement and range of the values differ and in some cases negative values are favoured. These factors are accounted for in the compilation of a selection index. An overall selection index includes EBVs of all the traits of economic importance, while other selection indices are more focused on specific breeding objectives. Selection indices are expressed around 100, with 100 being the average of the active population, with a standard deviation of 12. A selection index of 124 is therefore 2 standard deviations above the average and an index of 88 is one standard deviation below the average of the active animals of the population.

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

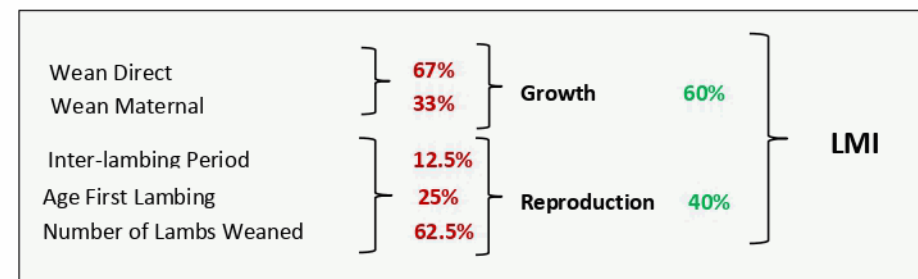
Logix Merit Index (LMI)

This index combines all the traits to select for a balanced, profitable animal that is fertile and delivers a desirable level of production. Selection based on the LMI will lead to breeding of balanced animals that will have the genetic potential to wean at a heavier weight (both due to its own potential and having dams that produce sufficient milk), lambs at an early age, lambs regularly and give multiple lambs. This value is especially important for sustainability, which requires the selection of good, productive replacement animals for the flock.

The **LMI** is constructed as follows :

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

Schematically the LMI can be explained as follows :



Growth Index (GI)

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

The GI is constructed as follows :

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

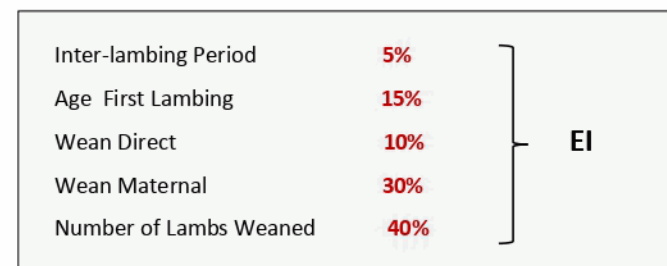
Ewe Index (EI)

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

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

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

Schematically it can be explained as follows :



Active Genetic Levels

Breeding Values

Trait	Flock **			Breed		
	All	Rams	Ewes	All	Rams	Ewes
Weaning Weight Direct	2.31	2.80	2.14	1.56	2.07	1.33
Weaning Weight Maternal	-0.18	-0.18	-0.18	-0.01	-0.12	0.04
Weaning Weight Combined	0.98	1.22	0.89	0.77	0.92	0.71
Post-wean Weight	2.15	3.14	1.82	1.06	1.63	0.80
Number Lambs Weaned	1.36	1.98	1.16	0.68	0.76	0.65
Total Weight Weaned	2.95	3.80	2.66	1.96	2.41	1.76
Age at First Lambing	-0.85	-0.87	-0.85	0.51	0.60	0.47
Interlambing Period	-1.67	-3.19	-1.16	0.14	0.26	0.09
Selection Indices						
Logix Merit Index	109	113	107	103	105	103
Ewe Index	107	109	106	103	104	103
Growth Index	107	111	106	103	106	102
Inbreeding						
Inbreeding (%)	9.46	10.07	9.25	7.48	7.73	7.36
Number of Animals						
Number of Animals	16	4	12	20502	6322	14167

** Averages of all active animals in the flock.

Breeding Value Indices

Trait	Flock **		
	All	Rams	Ewes
Weaning Weight Direct	104.6	107.9	103.5
Weaning Weight Maternal	98.9	98.9	98.9
Weaning Weight Comb	102.5	104.9	101.7
Post-wean Weight	105.1	109.6	103.6
Number Lambs Weaned	102.4	104.4	101.7
Total Weight Weaned	104.2	107.7	103.0
Age First Lambing	102.9	102.9	102.9
Interlambing Period	104.9	109.0	103.5
Selection Indices			
Logix Merit Index	108.7	113.0	107.3
Ewe Index	106.5	109.1	105.7
Growth Index	107.3	110.9	106.1
Inbreeding			
Inbreeding (%)	9.46	10.07	9.25
Number of Animals			
Number of Animals	16	4	12

** Averages of all active animals in the flock.

Inbreeding

Inbreeding primarily leads to decreased fertility and low survivability of lambs. The effects of inbreeding can be observed from 6.25% onwards. It is therefore highly recommended to record pedigree information as accurately and completely as possible and to use a selection programme for selection of unrelated rams. Incomplete or incorrect pedigree information can be reported to SA Stud Book. Inbreeding is dependent on pedigree information. Conventional methods for the Calculation of inbreeding coefficients usually assume that unknown parents are unrelated. However, this is usually far from the truth. An algorithm is used for the calculation of inbreeding, where the average inbreeding coefficient is assigned to unknown parents based on the generation in which they were born. This result is a more accurate reflection of inbreeding of the herd and breed.

Inbreeding Levels for Specific Matings

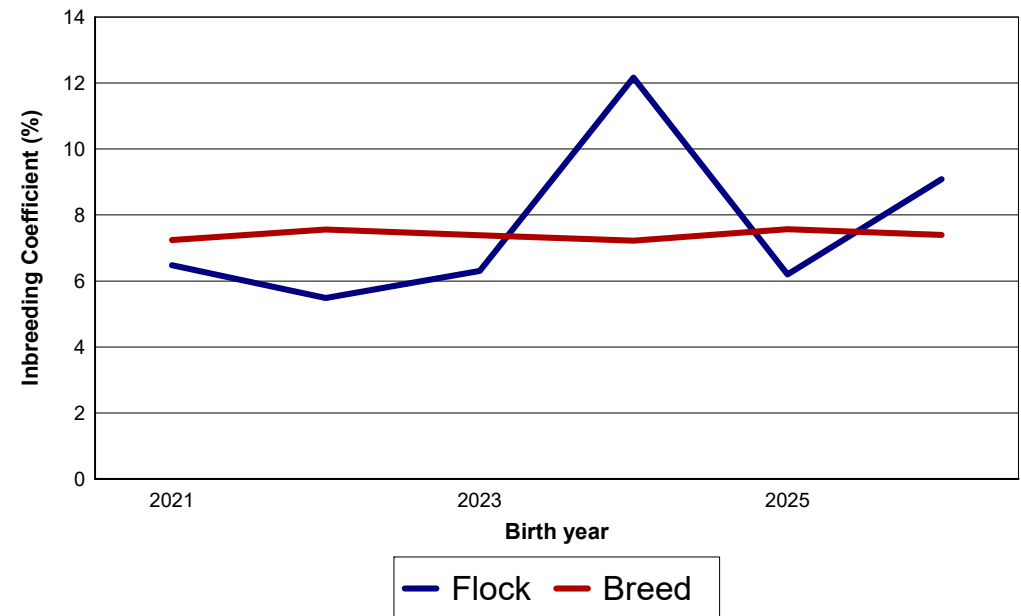
Progeny with Parents :	25%
Full Brother x Full Sister :	25%
Half Brother x Half Sister :	12.5%
One Common Grandparent :	6.25%
One Common Great-Grandparent :	3.125%

Level and Rate of Inbreeding

Year of Birth	Level* (%)	Rate (% / year)
2021 - 2026	9.09	0.52
Recommended:	< 6.25	< 0.1 - 0.2

*Of the last year of birth

Average Inbreeding per Year of Birth



Pedigree Information

	Number	%
Known Sires	16	100
Known Dams	16	100

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

Genetic Windows

Genetic Linkage

(Based on the youngest measured generation)

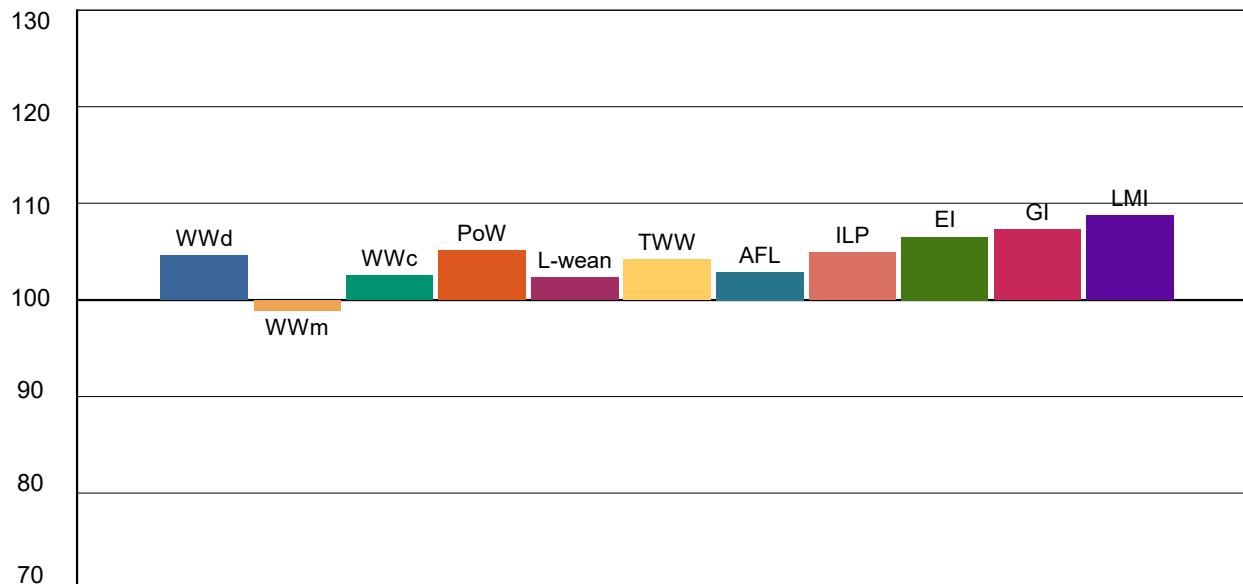
Level	Nr of Link Rams
Geen / None	0

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

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

All animals in flock

Number: 16



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

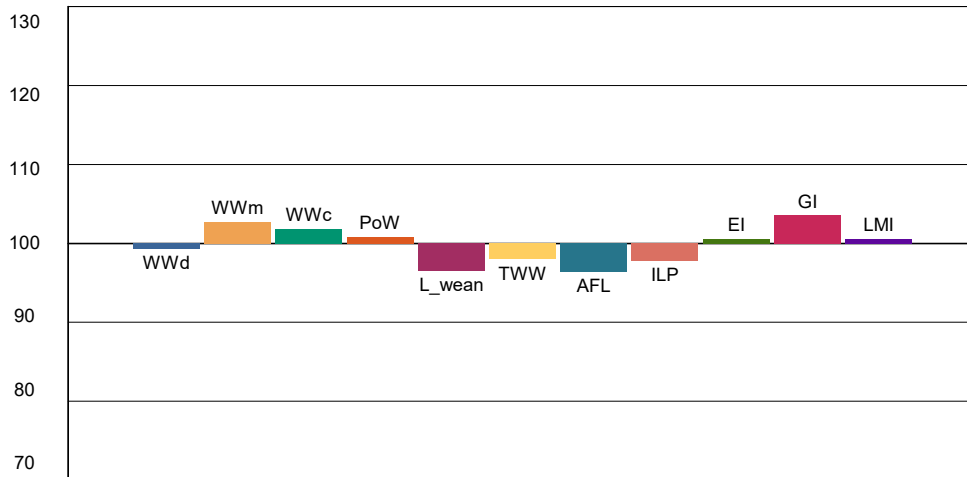
The genetic windows allow a quick overview of the genetic status of the flock compared to the breed. The values presented here are the average EBV indices of all the active animals of the flock, of the dams and the sires of the active animals of the flock, as well as of the ewes and rams that are younger than 2 years old. An index of 100 is equal to the average of the active population. Due to the higher selection intensity on rams (selection is more strict since a much smaller percentage of young animals are retained in the flock), the expectation is for the average index of the sires to be higher than that of the dams.

Remember that the EBV index for AFL and ILP are presented in such a way that an index above 100 indicates animals that have a lower EBV for these traits.

Genetic Windows

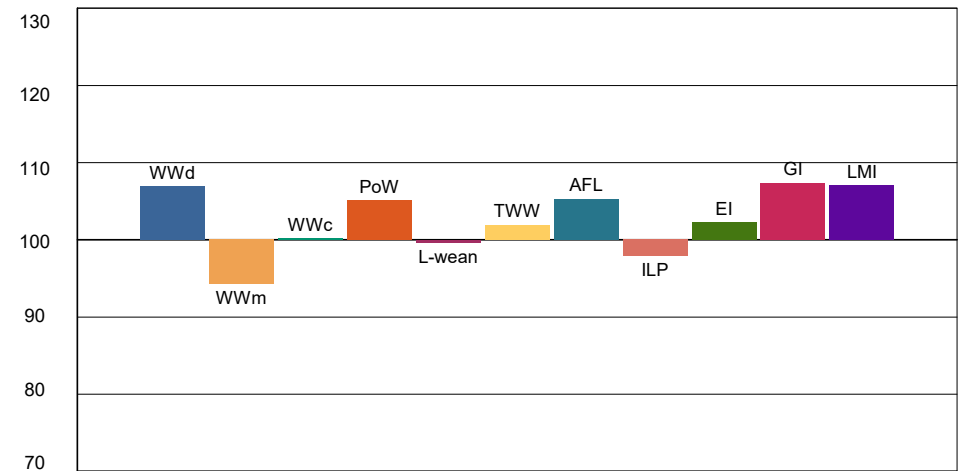
Dams

Number: 13



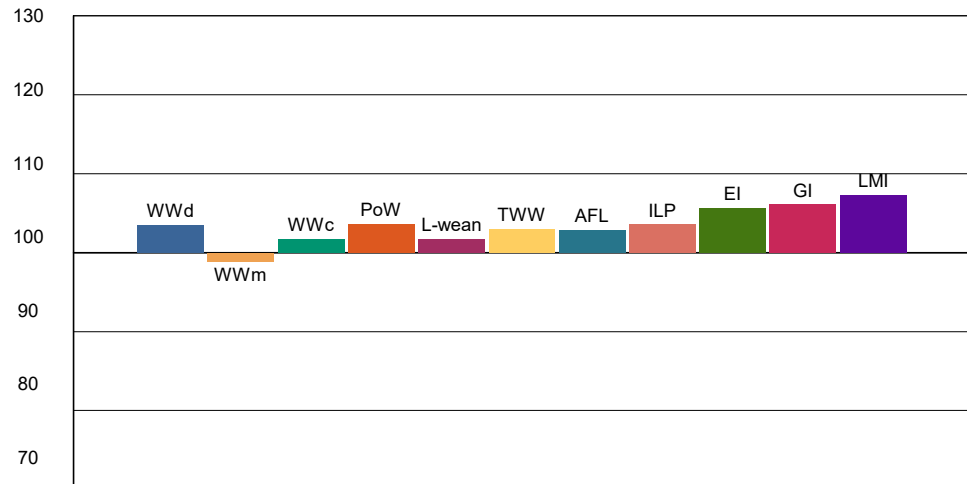
Sires

Number: 9



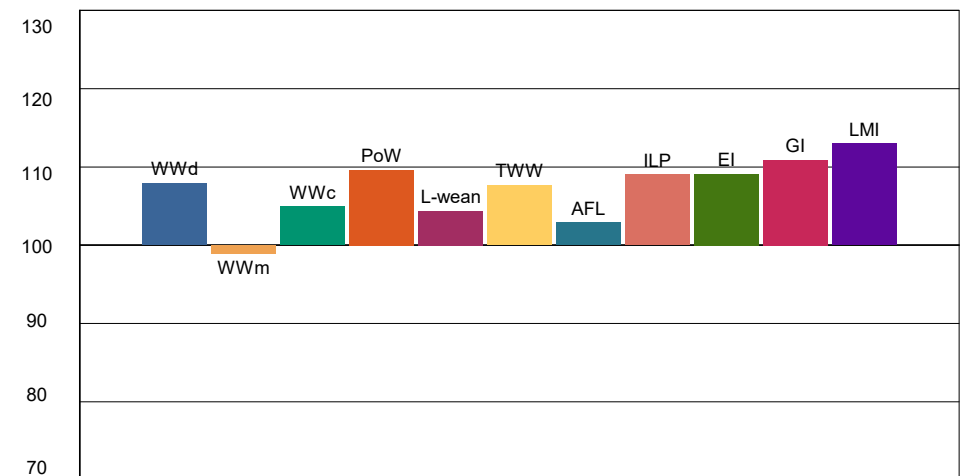
Young Ewes

Number: 12



Young Rams

Number: 4



Genetic Trends

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

Genetic Trends

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

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

Genetic Trends of Breed

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

Genetic Trends of Flock

Birth year	Weaning Weight				Post-Wean		Lambs Weaned		TWW		AFL		ILP		EI	LMI
	Number	Dir	Mat	Comb	Number	EBV	Number	EBV	Number	EBV	Number	EBV	Number	EBV		

Breeding Value & Selection Index Percentiles

The percentiles indicate the ranking of the animals' EBVs and Selection Indices within the active population.

For example, if an animal's EBV for a specific trait falls between the maximum and 99% percentile of the trait, it means that this animal ranks in the top 1% of the active population, or this animal's genetic merit for the trait is better than 99% of that of the active population.

Should the EBV for a specific trait falls between the 5% and 10% percentile, it means that the animal ranks in the bottom 10% of the active population for the specific trait, or the animal's genetic merit is worse than 90% of the active population.

Note that the percentiles for Age at First Lambing and Inter-lambing Period EBVs work on the reverse scale.

All Active Animals

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

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

Breeding Value & Selection Index Percentiles

All Active Rams

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

All Active Ewes

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

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

Rams



Genotyped

Inbreeding in red is high

EBV - Estimated Breeding Value

Indices >=124
Above breed average
Indices <= 76

Acc: Accuracy of the breeding value
EBVs with an accuracy below 5% are not printed

Index: Expresses the EBV around 100 where 100 is set as the average EBV of active animals

Animal Information				Selection Indices			EBV - Weights								EBV - Fertility										
Animal ID Regnr		Parents Sire Dam		% In- breeding	Logix Merit Index	Growth Index	Ewe Index	Wean Weight				Post-Wean				Number Weaned		TWW		AFL		ILP		Dam	
								Dir	Mat		Comb	Post-Wean													
							EBV Acc	EBV Index	EBV Index	EBV Acc	EBV Index	EBV Acc	EBV Index	EBV Acc	EBV Index	EBV Acc	EBV Index	EBV Acc	EBV Index	EPI	Times Lambd				
Active Breed Average:					100	100	100	1.56	-0.01	0.77	1.06	0.68	1.96	0.51	0.14										
JB 24 0018 106725658		JB 23 0079 JB 21 0163		11.42	110	115	105	2.99 0.28 1.77 3.48				-0.30 3.08 -1.93 5.40				98		4							
								58 109	44 104	110	34 111	34 97	47 105	33 105	27 86										
YD 26 0004 113611818		DZ 21 0297 PHR 23 0181		5.62	113	109	111	2.50 -0.16 1.09 2.78				2.80 4.03 1.43 -7.87				101		2							
								62 106	55 99	104 51 108	43 107 55 109	44 98 32 122													
YD 26 0006 113612113		DZ 21 0297 PHR 23 0148		5.54	106	102	103	2.07 -0.75 0.29 2.12				1.50 2.23 1.29 -6.89				98		2							
								62 103	54 93	96 51 105	43 103 55 101	44 99 32 119													
YD 26 0013 114300361		HE 24 0073 HE 24 0078		17.72	123	118	118	3.63 -0.09 1.73 4.17				3.90 5.88 -4.27 -3.42				2									
								46 113	42 100	110 43 114	36 111 42 116	34 110 29 110													
Ram Flock Average: Number of rams in the flock: 4					113	111	109	2.80	-0.18	1.22	3.14	1.98	3.80	-0.87	-3.19										

Ewes



Inbreeding in red is high

EBV - Estimated Breeding Value

Indices >=124
Above breed average
Indices <= 76

Acc: Accuracy of the breeding value
EBVs with an accuracy below 5% are not printed

Index: Expresses the EBV around 100 where 100 is set as the average EBV of active animals

Animal Information			Selection Indices			EBV - Weights				EBV - Fertility								
Animal ID Regnr	Parents Sire Dam		% In- breeding	Logix Merit Index	Growth Index	Ewe Index	Wean Weight		Post-Wean		Number Weaned	TWW		AFL		ILP		EPI Lambled
							Dir EBV Acc Index	Mat EBV Acc Index	Comb EBV Index	EBV Acc Index		EBV Acc Index	EBV Acc Index	EBV Acc Index	EBV Acc Index	Phenotype		
Active Breed Average:				100	100	100	1.56	-0.01	0.77	1.06	0.68	1.96	0.51	0.14				
JB 21 0163 92903103	JH 18 0144 JB 18 0086	6.48	121	115	129	1.83 69	1.58 67	2.49 118	2.59 46	3.50 50	5.51 64	-15.53 48	9.23 40	98	4			
						102	119		107				109	115	133	75		
MK 22 0010 94865250	DR 19 0067 SL 20 0116	5.49	97	98	99	1.00 58	-0.17 57	0.32 96	-0.50 33	-1.30 41	0.04 54	-2.66 38	1.10 28	94	2			
						96	99	96	93	94	92	107	97					
RW 23 0148 97126262	NB 19 0462 RW 21 0223	4.46	110	100	116	1.12 61	0.01 53	0.57 98	0.25 50	3.60 46	3.29 54	-5.83 45	-4.18 33	122	2			
						97	101		96	110	106	113	112					
JB 23 0150 97952352	JB 20 0072 JB 20 0064	10.53	79	86	78	0.71 62	-1.74 56	-1.39 79	0.31 47	-1.60 45	-1.99 56	9.37 44	10.47 38	2				
						94	81		97	93	84	82	72					
PHR 23 0181 97955173	JB 21 0174 PHR 22 0051	5.14	98	105	97	1.38 63	0.51 59	1.20 105	1.45 43	-1.20 38	1.17 56	9.46 41	-1.96 30	101	2			
						99	107		102	94	97	82	106					
HE 24 0078 99417933	DZ 21 0297 DZ 21 0463	18.28	124	117	121	3.21 64	0.29 59	1.89 112	3.54 59	3.90 49	5.84 59	-4.36 48	-8.11 39	2				
						111	104		112	111	116	110	122					
HE 24 0173 100216399	DZ 19 0389 T 20 0045	6.80	99	108	93	2.22 65	0.03 62	1.14 104	-0.19 59	-3.80 53	-0.04 61	1.09 50	-0.88 43	98	1			
						104	101		94	85	92	99	103					
YD 26 0002 113647853	DZ 21 0297 HE 24 0173	17.30	113	110	109	2.79 62	-0.38 56	1.02 103	1.81 55	1.50 47	3.31 56	-2.75 46	-7.33 36	0				
						108	97		104	103	106	107	120					
YD 26 0003 113611826	DZ 21 0297 PHR 23 0181	5.62	113	109	111	2.52 62	-0.16 55	1.10 104	2.79 51	2.80 43	4.04 55	1.43 44	-7.87 32	0				
						106	99		108	107	109	98	122					
YD 26 0005 113612121	DZ 21 0297 PHR 23 0148	5.54	110	108	103	2.95 62	-0.91 54	0.57 98	3.10 51	1.50 43	2.94 55	1.29 44	-6.89 32	0				
						109	91		109	103	104	99	119					
YD 26 0012 114300379	HE 24 0073 HE 24 0078	17.72	123	118	118	3.63 46	-0.09 42	1.73 110	4.17 43	3.90 36	5.88 42	-4.27 34	-3.42 29	0				
						113	100		114	111	116	110	110					
YD 26 0014 114300353	HE 24 0073 JB 23 0150	7.69	101	102	96	2.38 45	-1.10 41	0.09 94	2.56 39	1.10 34	1.94 41	2.59 33	5.87 29	0				
						105	89		107	102	100	96	85					
Ewe flock average: Total ewes in flock: 12				107	106	106	2.14	-0.18	0.89	1.82	1.16	2.66	-0.85	-1.16				

Sires Used in Flock



Genotyped

*Inbreeding in red is high

EBV - Estimated Breeding Value

Indices >=124
Above breed average
Indices <= 76

Acc: Accuracy of the breeding value
EBVs with an accuracy below 5% are not printed

Index: Expresses the EBV around 100 where 100 is set as the average EBV of active animals

Animal Information		Parents & Progeny					Selection Indices			EBV - Weights				EBV - Fertility					
Animal ID Regnr	% In-breeding	Sire ID Dam ID	1st Generation		2nd Generation		Logix Merit Index	Growth Index	Ewe Index	Weaning Weight		Comb EBV Index	Post-Wean EBV Acc Index	Number Weaned EBV Acc Index	TWW EBV Acc Index	AFL EBV Acc Index	ILP EBV Acc Index	Dam EPI Times Lambe	
			Prog Weaned	Nr Flocks	Prog Weaned	Nr Flocks				Dir EBV Acc Index	Mat EBV Acc Index								
		Active Breed Average:					100	100	100	1.56	-0.01	0.77	1.06	0.68	1.96	0.51	0.14		
JH 18 0144 81545188	3.82	JB 15 0119 JH 14 0098	101	5	19	2	115	110	115	2.39 91	0.13 105	1.33 106	2.09 62	0.50 67	2.82 100	-21.04 63	3.66 136	108 4	
DR 19 0067 83572487	6.35	VR 17 0184 PHR 16 0542	12	1	4	1	100	104	98	1.86 71	-0.13 102	0.80 101	0.69 43	-2.20 47	0.41 62	-4.67 94	3.81 30	179 8	
DZ 19 0389 86371069	5.90	JB 16 0084 DZ 15 0162	599	11	114	4	119	115	111	3.71 98	-0.60 94	1.26 105	3.40 94	2.60 86	4.68 106	-5.46 111	-0.76 112	124 6	
NB 19 0462 83162628	3.86	T 16 0050 NB 16 0035	327	6	76	5	119	102	124	1.81 96	-0.45 101	0.45 97	-0.68 86	5.30 77	4.53 115	-15.43 76	-4.76 133	122 5	
JB 20 0072 90236274	7.52	JB 18 0064 JB 18 0078	184	3	53	3	87	98	77	2.50 95	-1.91 106	-0.66 86	1.46 81	-2.90 70	-1.15 87	5.23 88	12.83 57	90 4	
JB 21 0174 92903269	18.86	JB 20 0099 JB 19 0005	141	4	33	1	80	97	76	0.86 92	-0.19 95	0.24 95	0.31 71	-5.00 58	-2.33 80	19.15 62	3.71 64	98 3	
DZ 21 0297 92195312	4.44	DZ 19 0389 DZ 20 0084	572	8	104	5	127	111	124	3.36 98	-0.78 112	0.90 102	3.80 92	6.80 77	6.66 119	-6.59 78	-13.77 115	116 7	
JB 23 0079 97942460	4.49	D 20 0126 JB 18 0082	30	3			95	111	81	3.40 79	-0.89 112	0.81 101	3.54 51	-4.20 44	-0.01 62	11.66 44	1.57 77	111 7	
HE 24 0073 99418956	6.26	DZ 19 0389 HE 21 0010					122	118	115	4.04 65	-0.46 96	1.56 108	4.80 61	3.90 52	5.92 111	-4.19 49	1.28 110	129 4	
		Sire Flock Average:					107	107	102	2.66	-0.59	0.74	2.16	0.53	2.39	-2.37	0.84		
			Number of sires used in the flock: 9																

Ram Selection List: LMI

Animals sorted on LMI

Inbreeding in red is high

EBV - Estimated Breeding Value

Indices >=124
Above breed average
Indices <= 76

Acc: Accuracy of the breeding value
EBVs with an accuracy below 5% are not printed

Index: Expresses the EBV around 100 where 100 is set as the average EBV of active animals

Animal Information		Parents & Progeny				Selection Indices			EBV - Weights				EBV - Fertility					
Animal ID Regnr	% In- bding	Sire ID Dam ID	1st Generation		2nd Generation		Logix Merit Index	Growth Index	Ewe Index	Weaning Weight		Comb	Post-Wean	Number Weaned	TWW	AFL	ILP	Dam
			Prog Weaned	Nr Flocks	Prog Weaned	Nr Flocks				Dir EBV Acc index	Mat EBV Acc Index							
		Active Breed Average:				100	100	100	1.56	-0.01	0.77	1.06	0.68	1.96	0.51	0.14		
1	YD 26 0013 114300361	HE 24 0073 HE 24 0078					123	118	118	3.63 46	-0.09 113	1.73 42	4.17 100	3.90 36	5.88 42	-4.27 116	-3.42 29	2
2	YD 26 0004 113611818	DZ 21 0297 PHR 23 0181					113	109	111	2.50 62	-0.16 106	1.09 55	2.78 99	2.80 43	4.03 107	1.43 55	-7.87 32	101 2
3	JB 24 0018 106725658	JB 23 0079 JB 21 0163					110	115	105	2.99 58	0.28 109	1.77 44	3.48 104	-0.30 34	3.08 97	-1.93 47	5.40 27	98 4
4	YD 26 0006 113612113	DZ 21 0297 PHR 23 0148					106	102	103	2.07 62	-0.75 103	0.29 54	2.12 93	1.50 43	2.23 55	1.29 44	-6.89 32	98 2

Ewe Selection List: LMI

Animals sorted on LMI

Inbreeding in red is high

EBV - Estimated Breeding Value

Indices >=124
Above breed average
Indices <= 76

Acc: Accuracy of the breeding value
EBVs with an accuracy below 5% are not printed

Index: Expresses the EBV around 100 where 100 is set as the average EBV of active animals

Animal Information		Parents		Selection Indices			EBV - Weights				EBV - Fertility				
Animal ID Regnr	% In-breeding	Sire ID Dam ID	Logix Merit Index	Growth Index	Ewe Index		Dir EBV Acc	Weaning Weight Mat EBV Index	Comb EBV Index	Post-Wean EBV Acc	Number Weaned EBV Acc	TWW EBV Acc	AFL EBV Acc	ILP EBV Acc	EPI Phenotype
Active Breed Average:			100	100	100		1.56	-0.01	0.77	1.06	0.68	1.96	0.51	0.14	
1 HE 24 0078 99417933	18.28	DZ 21 0297 DZ 21 0463	124	117	121		3.21 64	0.29 59	1.89 112	3.54 59	3.90 49	5.84 59	-4.36 48	-8.11 39	122
2 YD 26 0012 114300379	17.72	HE 24 0073 HE 24 0078	123	118	118		3.63 46	-0.09 42	1.73 110	4.17 43	3.90 36	5.88 42	-4.27 34	-3.42 29	110
3 JB 21 0163 92903103	6.48	JH 18 0144 JB 18 0086	121	115	129		1.83 69	1.58 67	2.49 118	2.59 46	3.50 50	5.51 64	-15.53 48	9.23 40	75
4 YD 26 0003 113611826	5.62	DZ 21 0297 PHR 23 0181	113	109	111		2.52 62	-0.16 55	1.10 104	2.79 51	2.80 43	4.04 55	1.43 44	-7.87 32	122
5 YD 26 0002 113647853	17.30	DZ 21 0297 HE 24 0173	113	110	109		2.79 62	-0.38 56	1.02 103	1.81 55	1.50 47	3.31 56	-2.75 46	-7.33 36	120
6 RW 23 0148 97126262	4.46	NB 19 0462 RW 21 0223	110	100	116		1.12 61	0.01 53	0.57 98	0.25 50	3.60 46	3.29 54	-5.83 45	-4.18 33	112
7 YD 26 0005 113612121	5.54	DZ 21 0297 PHR 23 0148	110	108	103		2.95 62	-0.91 54	0.57 98	3.10 51	1.50 43	2.94 55	1.29 44	-6.89 32	119
8 YD 26 0014 114300353	7.69	HE 24 0073 JB 23 0150	101	102	96		2.38 45	-1.10 41	0.09 94	2.56 39	1.10 34	1.94 41	2.59 33	5.87 29	85
9 HE 24 0173 100216399	6.80	DZ 19 0389 T 20 0045	99	108	93		2.22 65	0.03 62	1.14 104	-0.19 59	-3.80 53	-0.04 61	1.09 50	-0.88 43	103
10 PHR 23 0181 97955173	5.14	JB 21 0174 PHR 22 0051	98	105	97		1.38 63	0.51 59	1.20 105	1.45 43	-1.20 38	1.17 56	9.46 41	-1.96 30	106
11 MK 22 0010 94865250	5.49	DR 19 0067 SL 20 0116	97	98	99		1.00 58	-0.17 57	0.32 96	-0.50 33	-1.30 41	0.04 54	-2.66 38	1.10 28	97
12 JB 23 0150 97952352	10.53	JB 20 0072 JB 20 0064	79	86	78		0.71 62	-1.74 56	-1.39 79	0.31 47	-1.60 45	-1.99 56	9.37 44	10.47 38	72

Ewe Selection List: Reproduction Index

Animals sorted on LMI

Inbreeding in red is high

EBV - Estimated Breeding Value

Indices >=124
Above breed average
Indices <= 76

Acc: Accuracy of the breeding value
EBVs with an accuracy below 5% are not printed

Index: Expresses the EBV around 100 where 100 is set as the average EBV of active animals

Animal Information				Parents		Selection Indices			EBV - Weights						EBV - Fertility										
Animal ID Regnr				% In- breeding	Sire ID Dam ID		Logix Merit Index	Growth Index	Ewe Index	Weaning Weight		Comb	Post-Wean		Number Weaned		TWW		AFL		ILP		EPI	Times Lambcd	
										Dir	Mat		EBV	EBV	EBV	EBV	Acc	Index	Acc	Index	Acc	Index			Acc
Active Breed Average:							100	100	100	1.56		-0.01		0.77		1.06		0.68		1.96		0.51		0.14	
1	JB	21	0163	6.48	JH	18	0144	121	115	129	1.83	1.58	2.49	2.59	3.50	5.51	-15.53	9.23	98	4					
	92903103				JB	18	0086				69	102	67	119	118	46	107	50			109	64	115	48	133
2	HE	24	0078	18.28	DZ	21	0297	124	117	121	3.21	0.29	1.89	3.54	3.90	5.84	-4.36	-8.11		2					
	99417933				DZ	21	0463				64	111	59	104	112	59	112	49			111	59	116	48	110
3	YD	26	0012	17.72	HE	24	0073	123	118	118	3.63	-0.09	1.73	4.17	3.90	5.88	-4.27	-3.42		0					
	114300379				HE	24	0078				46	113	42	100	110	43	114	36			111	42	116	34	110
4	RW	23	0148	4.46	NB	19	0462	110	100	116	1.12	0.01	0.57	0.25	3.60	3.29	-5.83	-4.18	122	2					
	97126262				RW	21	0223				61	97	53	101	98	50	96	46			110	54	106	45	113
5	YD	26	0003	5.62	DZ	21	0297	113	109	111	2.52	-0.16	1.10	2.79	2.80	4.04	1.43	-7.87		0					
	113611826				PHR	23	0181				62	106	55	99	104	51	108	43			107	55	109	44	98
6	YD	26	0002	17.30	DZ	21	0297	113	110	109	2.79	-0.38	1.02	1.81	1.50	3.31	-2.75	-7.33		0					
	113647853				HE	24	0173				62	108	56	97	103	55	104	47			103	56	106	46	107
7	YD	26	0005	5.54	DZ	21	0297	110	108	103	2.95	-0.91	0.57	3.10	1.50	2.94	1.29	-6.89		0					
	113612121				PHR	23	0148				62	109	54	91	98	51	109	43			103	55	104	44	99
8	MK	22	0010	5.49	DR	19	0067	97	98	99	1.00	-0.17	0.32	-0.50	-1.30	0.04	-2.66	1.10	94	2					
	94865250				SL	20	0116				58	96	57	99	96	33	93	41			94	54	92	38	107
9	PHR	23	0181	5.14	JB	21	0174	98	105	97	1.38	0.51	1.20	1.45	-1.20	1.17	9.46	-1.96	101	2					
	97955173				PHR	22	0051				63	99	59	107	105	43	102	38			94	56	97	41	82
10	YD	26	0014	7.69	HE	24	0073	101	102	96	2.38	-1.10	0.09	2.56	1.10	1.94	2.59	5.87		0					
	114300353				JB	23	0150				45	105	41	89	94	39	107	34			102	41	100	33	96
11	HE	24	0173	6.80	DZ	19	0389	99	108	93	2.22	0.03	1.14	-0.19	-3.80	-0.04	1.09	-0.88	98	1					
	100216399				T	20	0045				65	104	62	101	104	59	94	53			85	61	92	50	99
12	JB	23	0150	10.53	JB	20	0072	79	86	78	0.71	-1.74	-1.39	0.31	-1.60	-1.99	9.37	10.47		2					
	97952352				JB	20	0064				62	94	56	81	79	47	97	45			93	56	84	44	82