

Boerboel Genetic Evaluation

SA Stud Book
February 2026

0 0 ALPHA TWIN LEGACY

24 ROOIHOUT STREET
TERENURE
KEMPTON PARK
1619



Kennel Number: 722583



Estimated Breeding Values (EBVs)

Litter size and conformation traits are influenced by many genes, with every gene making a small contribution to the expression of the trait. These traits are, however, also influenced by physiological and physical environmental factors, for example the age and sex of the animal, the feeding and management the animal received and year x season effects. It is therefore not possible to know what the animal's genetic potential for the trait is by merely using the measurement.

With BLUP (*Best Linear Unbiased Prediction*) methodology an animal's genetic potential is predicted by making use of the genetic parameters (heritabilities and genetic correlations) of the breed, pedigree information, as well as the measurements of the animal as deviation from the average of the animals that were measured with the animal. Adjustments are made for differences in sex, age, classifier, management and year x season effects to ensure that fair comparisons are made amongst the animals. These predictions are called **EBVs (Estimated Breeding Values)** which indicates the animal's genetic potential for the specific trait and predicts the type of progeny that the animal will breed.

Pedigree information determines the genetic level at which the animal enters the genetic evaluation, it links the information of all relatives together and it is used to determine the genetic ranking of the breed. For young animals that were not yet measured, mid-parent EBVs are estimated, which are the average of the EBVs of the sire and dam. These breeding values are still inaccurate and can change a lot when more information (measurements) is included in subsequent genetic evaluations.

Breeding values therefore enables a breeder to compare his/her animals genetically to one another, as well as to all other animals of the breed. This Report gives a summary of the genetic levels of the active males and females of the relevant breeder in comparison to that of the breed for linearly classified traits and litter size. The genetic change that occurred over time can also easily be seen.

Breeding Value Indices (EBVi)

For easy interpretation, EBVs are standardised and expressed relative to the average (100) of the active animals of the breed, using 12 as standard deviation (SD). This means that an EBV of 100 is equal to the active average of the breed, and more or less 50% of the animals will have EBVi's of between 90 and 110, which indicates an average animal. Only 0.5% of the EBVi's will be lower than 64 and 0.5% will be higher than 136. Higher EBVi's indicate better genetic potential for the trait.

Accuracy

EBVs are published with an **accuracy value (%)**, which indicates how much info was available for the estimation of the EBV and with how much trust it can therefore be applied. Factors that influence the accuracy include heritability, completeness and correctness of pedigree information, number of own and measured relatives and the size of the group in which the animal was measured. When an accuracy of 85% and more is reached, the EBV should not change significantly with the inclusion of more information in subsequent genetic evaluations.

Kennel and Breed Averages: The different traits' averages of the breeder's active animals are compared to those of the breed in the Kennel and Breed Average Graphs and Tables. The breeder can therefore easily see for which traits the animals are above or below the average of the breed.

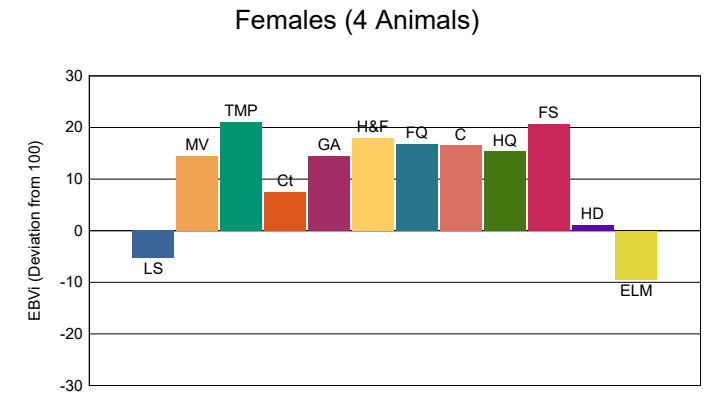
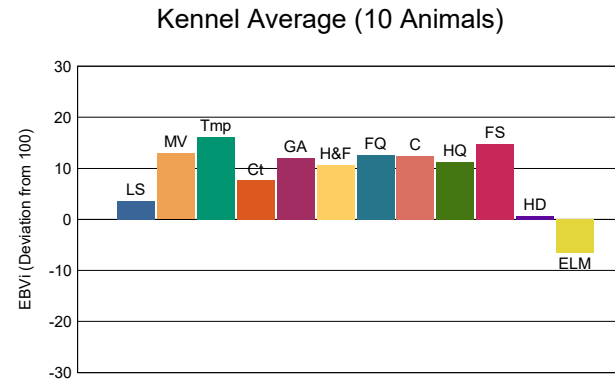
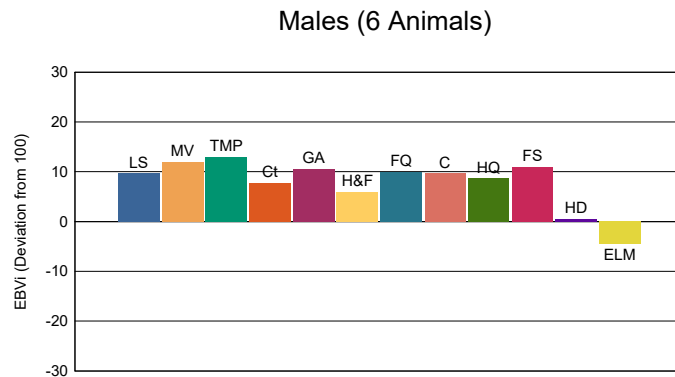
Genetic Trends: The Genetic Trends indicate the genetic change that occurred over time in the animals bred by the breeder compared to that of the breed. These are calculated as the average of the breeding values of all measured animals bred by the breeder, per year of birth.

Inbreeding: Inbreeding is the mating of related animals and is widely viewed as being harmful. The danger of inbreeding lies there in that it can gradually decrease fertility and survivability – a phenomenon known as inbreeding depression. It can cause lower conception rates, more abortions, more stillborn and weak offspring and a higher susceptibility to diseases. Indications in dogs include a low litter size as well as problems relative to fertility, such as invisible heat, behavioural problems when mating and low sperm quality. Overall, reduced litter size most likely reflects inbreeding depression in several traits, both physiological and behavioural, as well as a high frequency of non-viable embryos due to lethal alleles. Generally, the effects of inbreeding can become noticeable at a value of 6.25%, therefore it is generally recommended that individuals should have inbreeding coefficients of less than 6.25%. Breeders should therefore avoid matings causing inbreeding of more than 6.25% in the progeny. The theoretical maximum inbreeding coefficient is 50%. However, it should be noted that not all inbred animals show signs of inbreeding depression.

The data used in this evaluation was obtained from LOGIX from linear classifications that were done by the Breeder Society. All possible attempts have been made to present the information correctly. SA Stud Book does not accept responsibility for the use and interpretation of the information presented on animals in this publication.

Genetic Levels

Kennel Average relative to Breed Average, where Breed Average is indicated as 0



Average Breeding Value Indices (EBVi) where Breed Average = 100

Trait	All Animals	Males	Females
Litter size (LS)	104	110	95
Movement (Mv)	113	112	114
Temperament (Tmp)	116	113	121
Coat (Ct)	108	108	108
General Appearance	112	111	114
Head & Face (H&F)	111	106	118
Front Quarter (FQ)	113	110	117
Centre (C)	112	110	117
Hind Quarter (HQ)	111	109	115
Final Score (FS)	115	111	121
Hip Health (HH)	101	100	101
Elbow Health (ELM)	94	95	91

Inbreeding

Notes

Inbreeding primarily leads to decreased fertility, low survivability of pups and low disease resistance.

Inbreeding coefficients are calculated for all animals of the breed and indicates the probability that two genes of a pair are the same due to a common ancestor in the pedigree of the animal.

The adverse effects of inbreeding can be observed from 6.25% onwards.

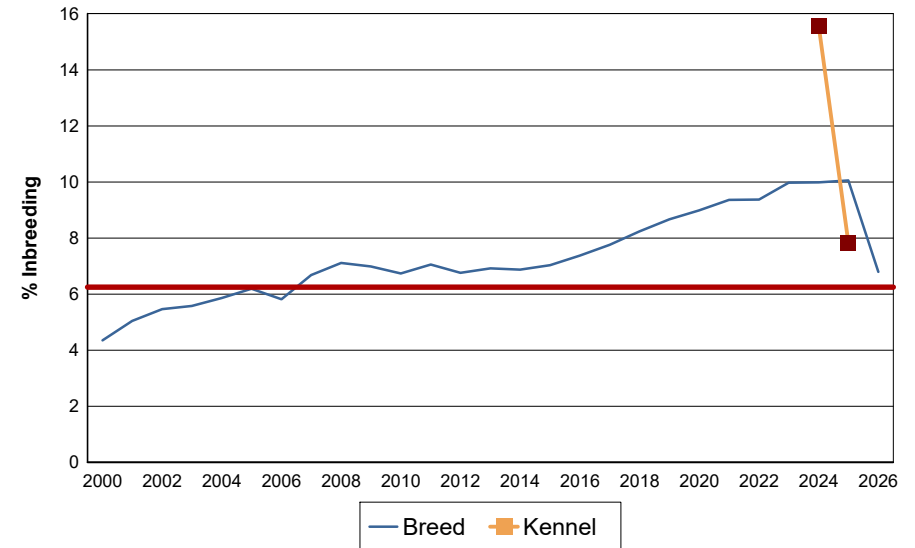
It is therefore highly recommended to record pedigree information as accurately. Inbreeding is dependent on pedigree information. Conventional methods for the calculation of inbreeding coefficients usually assume that unknown parents are unrelated, which is usually far from the truth. Inbreeding coefficients are therefore conservative indicators of the level of inbreeding.

Incomplete or incorrect pedigree information can be reported to SA Stud Book via the Breed Society.

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%

Rate of Inbreeding



Inbreeding Levels

	All Animals		Males		Females		Sires		Dams	
	Kennel	Breed	Kennel	Breed	Kennel	Breed	Kennel	Breed	Kennel	Breed
Number	10	49007	6	25141	4	23857	8	3371	7	6287
Average Inbreeding	9.79	8.49	8.07	8.46	12.38	8.53	7.10	8.01	8.82	8.00
Number inbred	10	48727	6	24990	4	23728	8	24990	7	23728
Number >6.25% Inbr.	10	30600	6	15537	4	15058	3	15537	5	15058

Estimated Breeding Value Indices (EBVi's)

Males

Inbreeding >6.25% is high

< 80

>= 100

>= 120

Animal Information			Inbreed	Health		Fertility	General			Appearance						Progeny :		Appraisal	Health		Progeny with litters
Name	BYr	Sire Dam	%	Hips Acc.	Elbows Acc.	Litter Size Acc.	Move- ment	Tempe- rament	Coat	General Appear.	Head & Face	Front Quarter	Centre	Hind Quarter	Final Score	Progeny	Litters	Progeny Kennels	Hips	Elbows	
KLEIN SANDFONTEIN FERDINAND	2019	KLEIN SANDFONTEIN NUTCRACKER	10.67	108	113	131	107	115	90	122	110	112	114	113	113	24	4	2			
		KLEIN SANDFONTEIN PEPPER		5	5	28	54	30	68	54	67	55	57	59	64			1			
TERRIBLE TWINS MLILO	2023	TERRIBLE TWINS BAMBATHA	6.36	93	99	99	100	95	111	92	96	103	97	93	97						
		VORENTOE BELLA 2		5	5	5	40	5	59	40	58	41	44	47	53						
ALPHA TWIN NDABEZITHA	2025	AFRIKA ZORPA	8.46	101	90	113	114	118	109	115	114	118	112	109	116						
		TERRIBLE TWINS X - GIRLFRIEND		5	5	5	27	5	38	28	37	28	29	31	35						
ALPHA TWIN LESNAR	2025	MAJINGILANE GROOTMAN	7.63	100	91	105	117	117	112		31	109	112	24	28						
		TERRIBLE TWINS X - GIRLFRIEND		5	5	5	19	5	32			20	22								
ALPHA TWIN RAZOR	2025	MAJINGILANE GROOTMAN	7.63	100	91	105	117	117	112		31	109	112	24	28						
		TERRIBLE TWINS X - GIRLFRIEND		5	5	5	19	5	32			20	22								
ALPHA TWIN SHANDU KA NDABA	2025	MAJINGILANE GROOTMAN	7.63	100	91	105	117	117	112		31	109	112	24	28						
		TERRIBLE TWINS X - GIRLFRIEND		5	5	5	19	5	32			20	22								

Estimated Breeding Value Indices (EBVi's)

Females

Inbreeding >6.25% is high

< 80

>= 100

>= 120

Animal Information

Inbreed

Health

Fertility

General

Appearance

Progeny :

Appraisal

Health

Progeny with litters

Name	BYr	Sire Dam	%	Hips Acc.	Elbows Acc.	Litter Size Acc.	Move-ment	Tempe-rament	Coat	General Appear.	Head & Face	Front Quarter	Centre	Hind Quarter	Final Score	Progeny Litters	Progeny Kennels	Hips Elbows	Progeny with litters
TERRIBLE TWINS MKABAYI	2021	TERRIBLE TWINS GHETTO-MAMBA	21.34	102 5	90 5	92 5	127 35	123 5	101 49	105 34	113 49	110 36	114 38	115 40	118 45				
GOMORA ZULULAMI	2021	ELEVATION GHETTO-ROUGH	7.24	101 5		91 28	121 44	119 22	113 54	109 43	125 53	115 44	110 46	114 48	122 51				
KING GRANITE CHIEDZA	2023	ZVIMBEX KGK M1	11.04	102 5	98 5	99 5	102 35	123 5	110 57	129 35	110 56	123 36	131 40	124 43	124 50				
IB QONDI	2025	GOMORA MKHONTO	9.90	100 5	84 5	97 5	108 28	119 5	106 42	116 27	123 41	119 29	112 31	109 33	119 37				

Estimated Breeding Value Indices (EBVi's)

Sires

Inbreeding >6.25% is high

< 80

>= 100

>= 120

Sire Information			Inbreed	Health		Fertility	General			Appearance						Progeny :	Appraisal	Health		Progeny with litters
Name	BYr	Sire Dam	%	Hips Acc.	Elbows Acc.	Litter Size Acc.	Move-ment	Tempe-rament	Coat	General Appear.	Head & Face	Front Quarter	Centre	Hind Quarter	Final Score	Progeny Litters	Progeny Kennels	Hips	Elbows	
KLEIN SANDFONTEIN NUTCRACKER	2017	ZUKANDI BEAU	6.19	124	151	124	116	124	91	136	135	128	131	125	133	119 18	28 25	2 2		24 6
		LOTTER SANA		34	52	55	74	51	85	73	84	75	76	78	82					
ELEVATION GHETTO-ROUGH	2017	ELEVATION DAX	14.22	109	79	89	132	134	111	126	138	125	119	116	133	105 22	40 35	4 4		29 9
		QUREDU MIA		32	51	49	77	55	87	77	86	78	79	81	84					
TERRIBLE TWINS GHETTO-MAMBA	2020	ELEVATION GHETTO-ROUGH	5.72	93	95	80	129	122	103	100	107	105	120	113	116	67 11	18 15			7 3
		CAVIN REGAL ANGOLA		5	9	25	63	38	77	63	77	64	66	68	73					
MAJINGILANE GROOTMAN	2020	SA SUPERIOR GRIZZLY	4.54	100	98	97	106		122	113	107	106	111	106	111	15 2	2 2			1 1
		DEXTRA JULIA		5	5	5	41		58	32	57	42	44	47	52					
AFRIKA ZORPA	2021	AFRIKA GHUNTER	6.00	102	95	113	99	112	114	121	123	124	113	100	117	1 1				
		AFRIKA RALIE 1		5	20	28	45	25	55	45	54	46	47	49	52					
GOMORA MKHONTO	2021	TERRIBLE TWINS MPIYAKHE	7.86	102	94	96	121	121	105	113	126	121	113	110	122	21 3				
		MES SHIBA		5	5	18	45	14	63	45	62	46	49	51	57					
TERRIBLE TWINS BAMBATHA	2021	TERRIBLE TWINS MPIYAKHE	5.94	108	96	106	102	106	101	107	110	108	105	97	106	9 1	2 2			
		CAVIN REGAL TINA		5	5	9	40	11	55	40	54	41	43	45	50					
ZVIMBEX KGK M1	2022	ALESSANDRO BENJIE	6.36	104	101	95	112	125	100	137	123	125	131	127	130	20 4	2 2			
		KING GRANITE KELLY		5	5	9	45	10	64	44	63	46	48	51	58					

Estimated Breeding Value Indices (EBVi's)

Dams

Inbreeding >6.25% is high

< 80

>= 100

>= 120

Animal Information		Inbreed	Health		Fertility	General			Appearance						Progeny :		Appraisal	Health		Progeny with litters
Name	BYr	Sire Dam	%	Hips Acc.	Elbows Acc.	Litter Size Acc.	Move-ment	Tempe-r-ament	Coat	General Appear.	Head & Face	Front Quarter	Centre	Hind Quarter	Final Score	Progeny	Litters	Progeny Kennels	Hips Elbows	
VORENTOE BELLA 2	2017	PINNACLE BBD SEUN	5.69	79	102	93	102	94	108	93	88	99	92	89	90	10	1	5		1
		VORENTOE PIPPIE		5	5		54	26	71	53	70	55	57	60	65			4		1
KLEIN SANDFONTEIN PEPPER	2018	KLEIN SANDFONTEIN HUEY	7.82	93	75	137	95	106	99	112	95	107	103	97	99	12	1	3		3
		KLEIN SANDFONTEIN PIPER		6	22		54	33	65	53	64	54	56	58	61			3		1
MES SHIBA	2019	MES FELIX BOETA	8.92	92	103	94	110	105	115	92	113	106	100	111	111	11	3	1		1
		MES MISHATJIE		5	5		56	33	70	55	69	57	59	61	65			1		1
TERRIBLE TWINS QONDI	2019	ELEVATION GHETTO-ROUGH	16.36	112	84	104	125	124	99	109	119	115	108	116	120	14	2	3		
		JAMBAL BUHLE		5	11		55	30	70	55	69	56	58	60	65			3		
KING GRANITE SHUNGU	2021	KING GRANITE JECHA	4.69	99	96	103	91	113	105	103	94	112	121	118	109	5	2	2		1
		KING GRANITE MZIKI		5	5		49	16	68	48	67	50	53	56	62			2		1
TERRIBLE TWINS X - GIRLFRIEND	2021	ELEVATION GHETTO-ROUGH	10.62	100	84	113	128	124	103	109	104	112	112	119	115	8	3			
		BODINGTON BOERBOEL SARAH CONNOR		5	5		48	24	61	50	60	48	50	52	56					
SA BRIGHT MIMI	2022	AFRIKA GHUNTER	7.65	98	73	98	96	117	108	118	120	116	110	107	116	13				
		SA BRIGHT TYLER		5	5		50	27	63	50	62	51	53	55	59					

