

Boerboel Genetic Evaluation

SA Stud Book
February 2026

0 0 MAFIA BOERBOELS

106 PALAMINO STREET
WALKERVILLE
JOHANNESBURG
1876



Kennel Number: 721988



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.

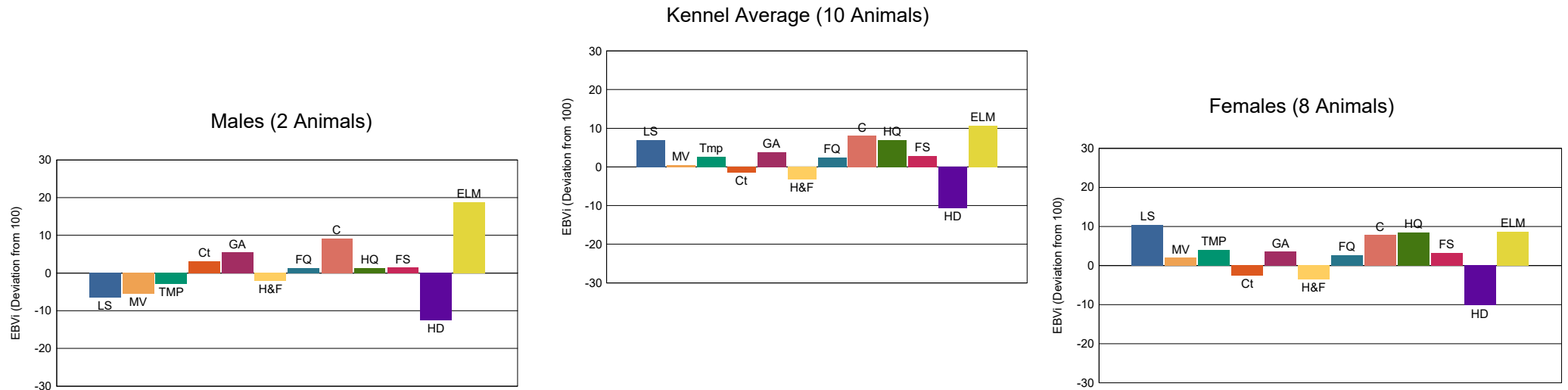
Genetic Trends: The Genetic Trends indicate the genetic change that occurred over time in the animals bred by the breeder compared to that of the breed. These are calculated as the average of the breeding values of all measured animals bred by the breeder, per year of birth.

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)	107	94	110
Movement (Mv)	100	95	102
Temperament (Tmp)	103	97	104
Coat (Ct)	99	103	98
General Appearance	104	105	104
Head & Face (H&F)	97	98	96
Front Quarter (FQ)	102	101	103
Centre (C)	108	109	108
Hind Quarter (HQ)	107	101	108
Final Score (FS)	103	101	103
Hip Health (HH)	89	88	90
Elbow Health (ELM)	111	119	109

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.

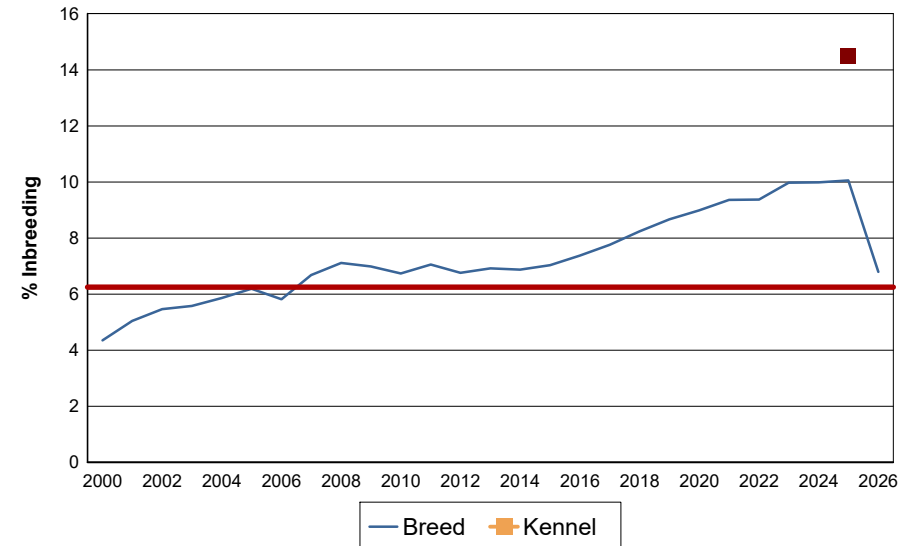
It is therefore highly recommended to record pedigree information as accurately Inbreeding is dependent on pedigree information. Conventional methods for the calculation of inbreeding coefficients usually assume that unknown parents are unrelated, which is usually far from the truth. Inbreeding coefficients 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	2	25141	8	23857	7	3371	8	6287
Average Inbreeding	14.22	8.49	13.44	8.46	14.41	8.53	10.96	8.01	14.38	8.00
Number inbred	10	48727	2	24990	8	23728	7	24990	8	23728
Number >6.25% Inbr.	10	30600	2	15537	8	15058	6	15537	8	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	
LEAVING STONE KAPTEIN		BOSTU MAKAROV	12.39	90	111	87	80	97	90	110	105	104	111	96	101						
	2025	JOSMOT EVE		5	5	5	23	5	40	22	39	24	26	29	35						
MAFIA ROKAFELA TAURUS		BOSTU BRADLEY	14.48	85	127	101	109	98	116			99	108								
	2025	JOSMOT RAYNE		5	5	5	34	5	47		46	34	36	39	43						

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	
BOSTU ROXY	2021	KAMMO BBD SAMWELL	15.63	95	102	120	109	114	65	119	107	101	112	114	108	4	1				
		KAMMO BBD DOTCOM		5	5	30	49	24	62	48	61	50	51	53	57						
JOSMOT RAYNE	2023	ELDORADO BBD FRANK SINATRA	17.62	80	115	99	94	96	118	100	84	97	107	105	98	4	1				
		JOSMOT NASHA		5	5	25	47	16	61	46	60	48	50	52	56						
BODINGTON BOERBOEL PATTY	2024	BODINGTON BOERBOEL THE HULK	6.26	95	94	137	112	112	80	95	88	108	103	118	101						
		BODINGTON BOERBOEL MARY-LOU		5	5	20	39	10	51	38	50	39	41	43	47						
BEAST MASTER BB ROKAFELA MADONNA	2024	JOSMOT JUNIOR	12.10	98	100	108	100	109	86	110	109	106	115	113	111						
		BOSTU ROXY		5	5	5	26	5	41	26	40	27	30	32	36						
BODINGTON BOERBOEL TIANNA	2024	BODINGTON BOERBOEL BODACIOUS	13.17	89	101	125	103	108	94	103	101	108	102	104	103						
		BODINGTON BOERBOEL LEXUS		5	5	5	25	5	43	24	42	26	29	32	37						
LEAVING STONE KATERA	2025	JOSMOT JUNIOR	21.56	94	104	93	81	97	105	100	101	103	108	100	101						
		JOSMOT DOLLAR I		5	5	5	11	5	37	7	36	13	18	23	30						
MAFIA ROKAFELA DESTINY	2025	BOSTU BRADLEY	14.48	85	127	101	109	98	116		91	99	108	107	102						
		JOSMOT RAYNE		5	5	5	34	5	47		46	34	36	39	43						
MAFIA ROKAFELA DIAMOND	2025	BOSTU BRADLEY	14.48	85	127	101	109	98	116		91	99	108	107	102						
		JOSMOT RAYNE		5	5	5	34	5	47		46	34	36	39	43						

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		
BODINGTON BOERBOEL THE HULK		CABARET THOR	6.46	84	91	140	102	100	72	89	92	106	101	117	99	52	9	11		6	
	2017	KLEIN SANDFONTEIN SISKI		5	5	44	63	37	77	62	76	64	66	68	73						8
KAMMO BBD SAMWELL		GROENBERG BBD RAMBO	4.72	100	86	122	124	126	88	119	100	108	118	128	116	89	16	21	2	2	
	2017	AREA BOERBOELS KARLIEN VAN JAARSVELD		33	46	54	71	52	82	71	81	72	73	75	78						19
ELDORADO BBD FRANK SINATRA		CABARET PAVAROTTI	18.64	65	125	98	113	88	107	96	83	89	96	99	91	51	10	28		12	
	2017	CABARET PAMELA ANDERSON		5	5	41	69	43	83	68	82	70	72	74	79						20
BOSTU BRADLEY		BOSTU BOCHELLI	10.11	90	138	102	124	99	114	102	97	101	108	109	106	53	9	8	1	1	
	2021	KAMMO BBD DOLLIE		38	55	33	63	36	77	61	76	63	66	68	73						2
BOSTU MAKAROV		BOSTU DOMINGO	12.55	88	115	84	89	94	91	109	104	99	111	96	100	8	1				
	2022	BOSTU ZALKEIGHDIA		5	5	13	44	9	61	43	60	45	47	50	55						
BODINGTON BOERBOEL BODACIOUS		BODINGTON BOERBOEL MICKEY	7.59	92	98	136	92	105	100	111	117	118	106	99	110	21	3				
	2022	BODINGTON BOERBOEL ROSALIE		5	5	10	50	19	67	49	66	51	53	56	61						
JOSMOT JUNIOR		JOSMOT VANDAM	16.63	101	99	96	90	105	107	102	112	111	118	112	113	21	4				
	2023	TREBLA EMMA		5	5	5	45	5	63	44	62	46	49	52	57						

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	
KAMMO BBD DOTCOM	2017	MES BITE A BULLET	11.03	90	119	118	101	102	84	114	98	91	109	110	102	26	4	6			4
		TARGUS TIMU		23	43	57	60	40	71	59	70	60	62	64	67			6			2
JOSMOT NASHA	2020	TARGUS BOM BOEL	7.35	94	106	92	70	105	87	109	101	110	116	101	102	17	2	7			6
		TREBLA MINNIE		5	5	43	61	37	75	60	74	62	64	66	71			6			1
BODINGTON BOERBOEL MARY-LOU	2020	KAMMO BBD SAMWELL	12.35	105	96	135	121	125	88	102	85	109	105	118	104	18	3	5			3
		MAWEZA DEBIE		5	5	39	57	31	73	57	72	58	60	63	68			4			1
BOSTU ROXY	2021	KAMMO BBD SAMWELL	15.63	95	102	120	109	114	65	119	107	101	112	114	108	4	1				
		KAMMO BBD DOTCOM		5	5	30	49	24	62	48	61	50	51	53	57						
BODINGTON BOERBOEL LEXUS	2022	BODINGTON BOERBOEL MEMPHIS RAINES	7.27	85	104	115	113	111	89	94	84	98	97	109	96	14	2				
		BODINGTON BOERBOEL MARY-LOU		5	5	25	47	18	66	47	64	48	51	54	59						
JOSMOT RAYNE	2023	ELDORADO BBD FRANK SINATRA	17.62	80	115	99	94	96	118	100	84	97	107	105	98	4	1				
		JOSMOT NASHA		5	5	25	47	16	61	46	60	48	50	52	56						
JOSMOT EVE	2023	JOSMOT VANDAM	24.26	93	107	89	72	100	89	111	107	108	111	96	102	4	1				
		JOSMOT TRACY		5	5	5	40	5	62	39	60	42	45	48	55						
JOSMOT DOLLAR I	2023	JOSMOT JACK II	19.52	87	109	89	72	89	103	97	91	95	99	87	89	6					
		JOSMOT ABBY		5	5	5	42	5	62	41	61	43	46	49	55						

