

Boerboel Genetic Evaluation

SA Stud Book
February 2026

ADV. P.D. JACOBS
31B ZONDERWATER STOFPAD
0
CULLINAN
1000



Kennel Number: 727768



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.

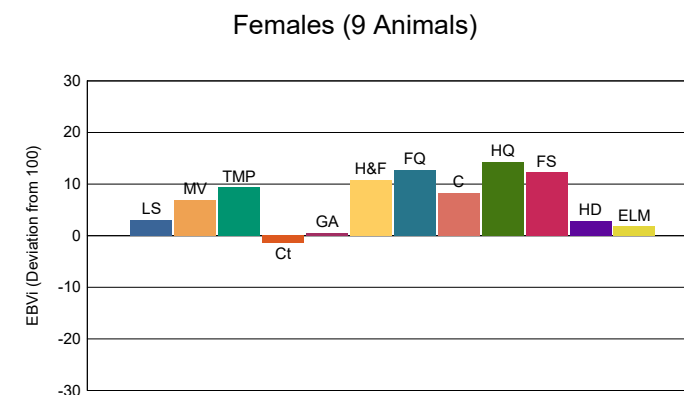
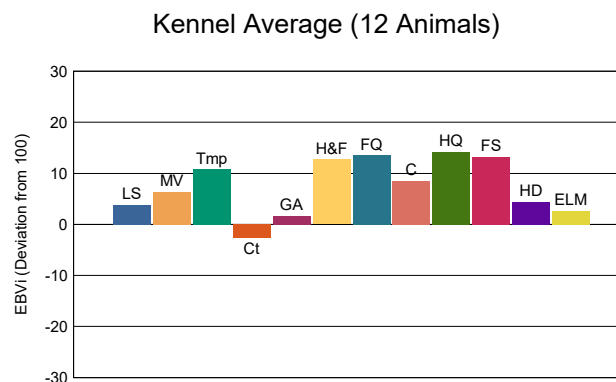
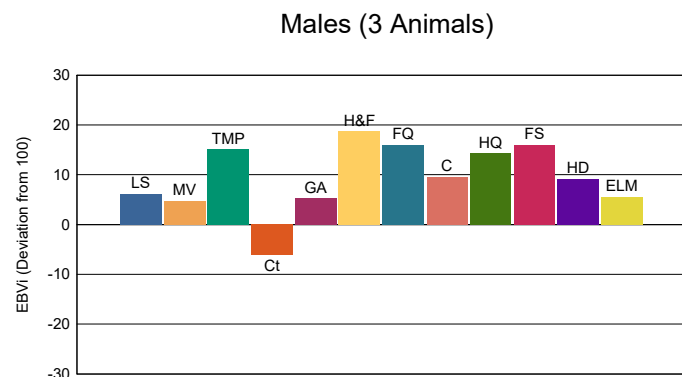
Genetic Trends: The Genetic Trends indicate the genetic change that occurred over time in the animals bred by the breeder compared to that of the breed. These are calculated as the average of the breeding values of all measured animals bred by the breeder, per year of birth.

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	106	103
Movement (Mv)	106	105	107
Temperament (Tmp)	111	115	109
Coat (Ct)	97	94	99
General Appearance	102	105	100
Head & Face (H&F)	113	119	111
Front Quarter (FQ)	114	116	113
Centre (C)	109	110	108
Hind Quarter (HQ)	114	114	114
Final Score (FS)	113	116	112
Hip Health (HH)	104	109	103
Elbow Health (ELM)	103	106	102

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.

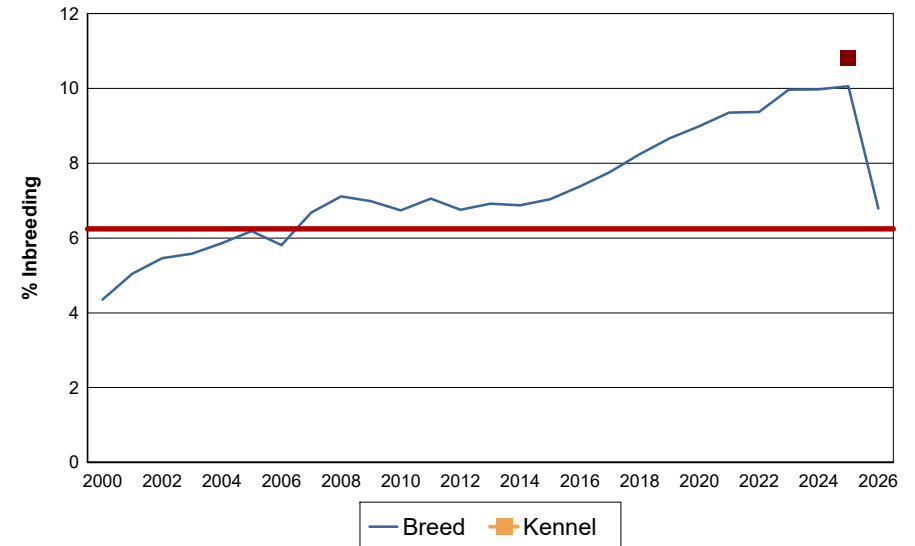
It is therefore highly recommended to record pedigree information as accurately. Inbreeding is dependent on pedigree information. Conventional methods for the calculation of inbreeding coefficients usually assume that unknown parents are unrelated, which is usually far from the truth. Inbreeding coefficients 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	12	49007	3	25141	9	23857	9	3371	9	6287
Average Inbreeding	12.25	8.49	11.46	8.46	12.51	8.53	7.24	8.01	15.23	8.00
Number inbred	12	48727	3	24990	9	23728	9	24990	9	23728
Number >6.25% Inbr.	11	30600	2	15537	9	15058	4	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	Litters	Progeny Kennels	Hips	Elbows	
MES RANGER		MES MAC GYVER	5.98	124	111	124	120	114	93	93	106	106	100	121	110						
	2023	MES DESTINY		5	19	36	55	35	67	56	66	55	57	59	63						
STOFPAD 901011000123219		MES ZUKO	14.20	102	103	97	97	116	95			121	115								
	2025	MES ALICENT		5	5	5	21	5	38		37	22	25	28	33						
STOFPAD 901011000123200		MES ZUKO	14.20	102	103	97	97	116	95			121	115								
	2025	MES ALICENT		5	5	5	21	5	38		37	22	25	28	33						

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	
KAINGO MES FIBA	2021	MES BARONNE	17.22	95	97	106	106	95	94	87	91	102	95	103	95	6	2	1			
		MES JOSEPHINE		5	5	22	48	15	64	46	63	49	51	54	58						
MES ROSALEE	2021	RIEKS MES DUKE	10.54	101	101	87	117	105	97	90	112	103	96	110	108						
		MES ROXETTE		5	5	24	36	9	47	36	46	37	38	40	43						
MES ALICENT	2021	MES PETER PAN	12.48	98	99	93	101	114	83	105	113	116	118	120	115	4	1				
		MES LINDIE I		5	5	33	43	20	54	43	53	43	45	47	50						
AFRIKA MIA 10	2023	AFRIKA SAKABULA	11.26	118	96	105	94	102	101	94	107	109	100	115	108	5	1				
		AFRIKA MAYA X		5	5	32	51	25	65	49	64	52	54	56	60						
CDH SASSY	2025	CDH VERSTAPPEN	12.99	98	111	116	119	115	123	110	107	118	115	116	118						
		CDH SUKI		5	5	5	34	5	48	33	47	35	37	40	44						
HERBERG ROSIE	2025	HERBERG BUSTER	8.89	104	101	111	116	118	100	108	111	116	113	116	116						
		HERBERG KATRYN		5	5	5	24	5	41	25	40	25	28	31	36						
MES ROXY 2 II	2025	MES TAVOR	10.80	108	105	116	116	104	100	88	107	109	108	125	113						
		MES IZARA		5	5	5	30	5	45	29	44	31	33	36	40						
STOFPAD 901011000123234	2025	MES ZUKO	14.20	102	103	97	97	116	95		125	121	115	111	119						
		MES ALICENT		5	5	5	21	5	38		37	22	25	28	33						
STOFPAD 901011000123244	2025	MES ZUKO	14.20	102	103	97	97	116	95		125	121	115	111	119						
		MES ALICENT		5	5	5	21	5	38		37	22	25	28	33						

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	
MES MAC GYVER		AFRIKA MALABU	5.66	120	118	132	122	112	84	88	125	106	98	120	116	144	22	48	6	6	40
	2014	ZUBERI-ZURI DIDI		35	52	63	80	59	89	80	89	81	82	84	87			41			7
RIEKS MES DUKE		MES MAC GYVER	5.39	98	108	90	117	108	80	85	116	101	98	110	108	8	1	3			3
	2018	BOSTU ZOELY		5	15	38	52	32	63	51	62	52	54	56	59			3			1
MES PETER PAN		ELEVATION OTTO	9.26	94	103	94	103	118	103	115	120	120	123	123	124	44	7	12			8
	2019	MES FIELA SUSSA		5	19	38	64	41	77	64	77	65	67	69	73			9			2
MES BARONNE		MES MASCOT	10.16	99	100	103	102	99	104	90	92	106	96	105	98	88	15	20			4
	2019	MES MACKLE		5	5	38	69	44	82	68	81	70	72	74	78			10			3
MES TAVOR		MES MAC GYVER	5.76	116	115	109	125	110	94	85	112	115	113	125	117	35	7	4			1
	2020	MES TAYLA		5	19	38	59	37	74	59	73	60	62	64	69			3			1
AFRIKA SAKABULA		MES RUBENSTEIN	6.23	125	89	103	102	101	98	81	100	102	85	113	100	62	8	30	4	4	6
	2021	AFRIKA SAKABEKKIE		43	57	46	71	49	82	70	82	71	73	75	79			9			1
CDH VERSTAPPEN		MINTAKAROO CDH HENNIE	10.35	95	110	110	121	118	129	121	111	118	124	122	124	84	13	12			
	2022	CDH NONNA		5	5	16	59	30	76	58	75	60	63	65	71			9			
HERBERG BUSTER		HERBERG HENNIE	6.81	97	100	101	102	114	103	116	123	115	111	106	117	16	2				
	2022	BOSTU CODY		5	5	13	47	18	64	45	63	47	50	53	58						
MES ZUKO		MES TUNGSTEN	5.52	106	106	102	93	117	106	118	138	126	112	102	122	8	2				
	2023	HEYLEN BOERBOELE AZURA		5	5	5	48	17	66	47	65	49	51	54	60						

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	
MES LINDIE I	2015	MIDDELPOS BBD ALPHA	6.05	102	95	89	99	111	64	94	105	112	112	117	107	10	3	8			8
		MES LULU I		18	28	62	67	46	79	67	79	68	69	71	75			8			1
MES ROXETTE	2018	MES ARNOLD 1	10.39	104	95	84	116	103	114	96	107	104	94	110	108	9	4	6	1	1	3
		MES LALLI		5	21	57	63	42	76	62	75	64	66	68	72			6			1
MES DESTINY	2019	GROENBERG BBD RAMBO	17.77	127	104	116	107	113	99	110	95	107	108	120	108	13	1	7			3
		MES MAXI		18	32	54	67	50	78	66	77	67	69	71	74			5			1
MES JOSEPHINE	2019	MES FELIX BOETA	12.71	92	94	106	110	97	94	93	94	104	95	103	97	11	3	4			1
		MES MIKA		5	5	48	52	29	65	52	64	53	55	57	61			4			1
AFRIKA MAYA X	2021	AFRIKA BOOMER	13.15	111	103	113	94	104	98	93	107	116	110	118	111	9	2	8			1
		MES MISHA II		5	18	41	61	35	76	60	75	62	64	67	71			3			1
MES ALICENT	2021	MES PETER PAN	12.48	98	99	93	101	114	83	105	113	116	118	120	115	4	1				
		MES LINDIE I		5	5	33	43	20	54	43	53	43	45	47	50						
MES IZARA	2022	MES TIMTIM	27.37	100	95	123	108	99	106	91	101	104	104	126	109	9	2				
		MES FELMA		5	5	19	44	5	64	43	63	45	48	51	58						
HERBERG KATRYN	2023	CDH BOERSEUN	19.83	110	101	121	130	122	97	100	98	117	115	127	115	13	1				
		CDH KATRYN		5	5	5	43	5	62	44	61	44	47	50	56						
CDH SUKI	2023	CDH BULLET	17.36	101	113	122	117	111	118	100	104	119	106	111	112	7	1				
		ARTIFACTS STELLA		5	5	36	54	25	69	54	68	55	57	60	64						

