

Boerboel Genetic Evaluation

SA Stud Book

February 2026

MR Q SALIES

35 LOUISE CRESCENT
WELTEVREDEN VALLEY, COLORADO PARK
MITCHELLS PLAIN
7785



Kennel Number: 718728



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.

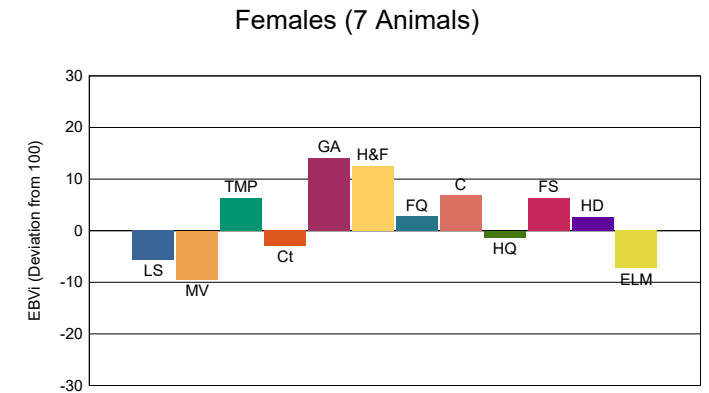
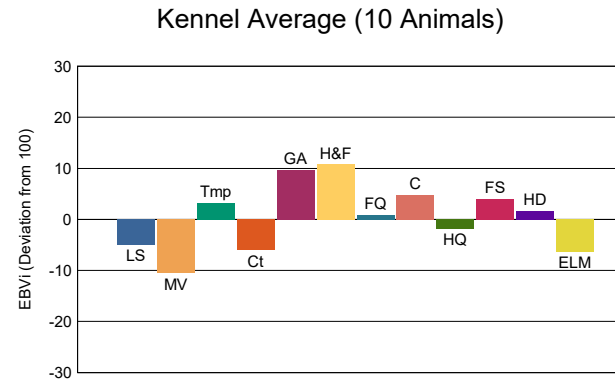
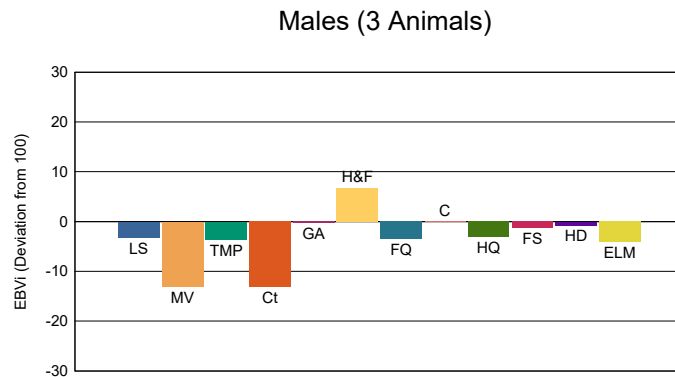
Genetic Trends: The Genetic Trends indicate the genetic change that occurred over time in the animals bred by the breeder compared to that of the breed. These are calculated as the average of the breeding values of all measured animals bred by the breeder, per year of birth.

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)	95	97	94
Movement (Mv)	89	87	91
Temperament (Tmp)	103	96	106
Coat (Ct)	94	87	97
General Appearance	110	100	114
Head & Face (H&F)	111	107	113
Front Quarter (FQ)	101	96	103
Centre (C)	105	100	107
Hind Quarter (HQ)	98	97	99
Final Score (FS)	104	99	106
Hip Health (HH)	102	99	103
Elbow Health (ELM)	94	96	93

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.

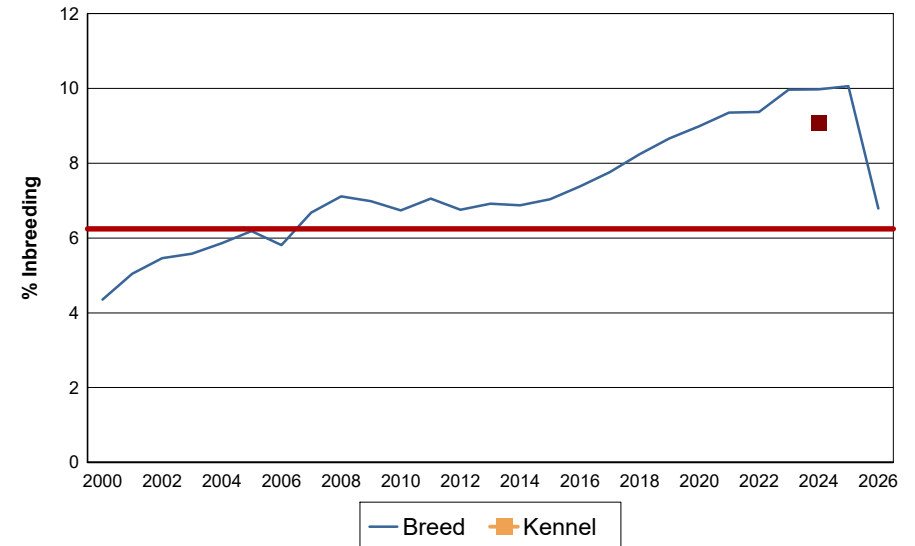
It is therefore highly recommended to record pedigree information as accurately. Inbreeding is dependent on pedigree information. Conventional methods for the calculation of inbreeding coefficients usually assume that unknown parents are unrelated, which is usually far from the truth. Inbreeding coefficients 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	3	25141	7	23857	6	3371	9	6287
Average Inbreeding	8.54	8.49	11.21	8.46	7.39	8.53	6.44	8.01	8.53	8.00
Number inbred	10	48727	3	24990	7	23728	6	24990	9	23728
Number >6.25% Inbr.	6	30600	2	15537	4	15058	1	15537	7	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	
PIONEER WOLVER		EKVONSALIES DYNAMIC	5.96	98	97	95	82	87	84	89	98	90	93	93	90	10					
	2023	PIONEER ROSE		5	5	5	42	6	61	42	60	43	46	49	55						
PIONEER BLACK JACK		PIONEER MAGIC	7.63	103	95	100	103	113	97	119	117	110	111	103	112						
	2024	RAINAISANCE PENNY		5	5	5	20	5	36	19	35	21	23	26	31						
RAINAISANCE QUINTON		PIONEER WOLVER	20.06	97	96	95	76	89	79	91	105	90	97	95	94						
	2024	BEHATI ROSIE		5	5	5	5	5	37	5	36	5	13	20	29						

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
DES VALLEY CLEO	2021	ZKR BROCK	8.35	111	91	94	86	111	100	128	115	105	108	90	107	6	1	5			1
		DES VALLEY DAENERYS		5	5	5	39	5	56	38	55	40	43	45	50			5			1
EKVONSALIES CHAMPAGNE	2022	EKVONSALIES DYNAMIC	6.09	98	94	89	96	103	88	100	109	99	109	108	106	6	1				
		RAINAISANCE SHADOW 3		5	5	5	39	5	58	39	57	40	43	46	52						
MILLERS WOLVERINE	2023	EKVONSALIES DYNAMIC	6.05	99	92	92	79	94	94	105	104	91	95	90	94						
		MILLERS SHASHA LEE		5	5	5	41	5	60	41	59	42	45	48	54						
EKVONSALIES BLACK ROSE	2023	ZKR CARLING	5.94	102	91	96	91	106	100	114	100	98	104	92	99						
		DES VALLEY CLEO		5	5	5	42	5	61	41	60	43	45	48	54						
EKVONSALIES MANDY	2024	PIONEER MAGIC	9.07	100	94	94	95	111	96	120	125	111	113	104	116						
		EKVONSALIES CHAMPAGNE		5	5	5	21	5	39	20	38	22	25	28	33						
EKVONSALIES PADDY	2024	PIONEER MAGIC	9.07	100	94	94	95	111	96	120	125	111	113	104	116						
		EKVONSALIES CHAMPAGNE		5	5	5	21	5	39	20	38	22	25	28	33						
ROMAN GRACE AFRICA	2025	PAMPOENKRAAL HERE COMES THE BOOM	7.17	110	94	102	92	107	105		110	105	106	102	107						
		EKVONSALIES COCO		5	5	5	24	5	37		36	25	27	29	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			
ZKR BROCK		PENINSULA PLAYBOY	5.90	102	82	94	96	109	113	133	113	97	110	100	110	89	9	17		12	
	2018	MIDDELPOS BBD SERABIE		5	5	16	60	30	76	58	75	61	63	66	71		12			7	
EKVONSALIES DYNAMIC		DUMAS BIG DEAL	4.80	98	97	90	70	91	63	87	104	95	100	99	94	49	9	13		4	
	2019	GATEKEEPER SASHA		5	5	5	59	31	75	58	74	60	62	65	70		9			3	
ZKR CARLING		CBR BLACK MAGIC	6.16	92	91	98	92	94	109	93	83	80	94	98	89	25	6	8		2	
	2021	GATEKEEPER NADIA JAFTER		5	5	10	48	20	64	48	63	49	51	54	59		7			2	
PIONEER WOLVER		EKVONSALIES DYNAMIC	5.96	98	97	95	82	87	84	89	98	90	93	93	90	10					
	2023	PIONEER ROSE		5	5	5	42	6	61	42	60	43	46	49	55						
PAMPOENKRAAL HERE COMES THE BOOM		MIDDELPOS BBD BRUCE ALMIGHTY	9.95	118	96	108	95	112	106	113	121	117	111	111	117	13	3				
	2023	KLEIN SANDFONTEIN LISA MARI		5	9	23	52	26	67	52	66	53	55	58	62						
PIONEER MAGIC		GUNSMOKE PRINCE	5.87	102	93	99	94	120	105	139	142	122	118	100	126	26	3				
	2023	MALAKAS HONEY		5	5	5	45	12	63	44	62	46	48	51	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-rament	Coat	General Appear.	Head & Face	Front Quarter	Centre	Hind Quarter	Final Score	Progeny	Litters	Progeny Kennels	Hips	Elbows	
DES VALLEY DAENERYS		PADIACHY MAXIMUS	8.38	120	101	94	89	111	79	113	112	106	103	88	101	10	1				1
	2019	LAIKA NOVA		5	5	5	36	5	53	36	52	37	40	42	48						1
RAINAISANCE SHADOW 3		ZKR BROCK	8.16	97	91	88	109	109	113	114	103	97	108	108	108	1	1	1			1
	2020	RAINAISANCE KHALEESI		5	5	22	39	5	54	38	53	40	42	44	49			1			1
PIONEER ROSE		LOWEN KAROOLAND SAM	6.42	98	96	101	100	89	100	87	92	91	89	89	89	13	1	2			
	2020	WALSH PEPPER		5	5	10	46	14	65	46	64	47	50	53	59			2			
MILLERS SHASHA LEE		ZKR BROCK	8.46	100	87	95	94	98	126	116	98	87	86	84	94	7	2	1			
	2021	RAINAISANCE RENA		5	5	5	46	12	64	45	63	47	50	53	58			1			
DES VALLEY CLEO		ZKR BROCK	8.35	111	91	94	86	111	100	128	115	105	108	90	107	6	1	5			1
	2021	DES VALLEY DAENERYS		5	5	5	39	5	56	38	55	40	43	45	50			5			1
RAINAISANCE PENNY		WOEKER BBD BIELIE	8.07	103	97	101	112	107	89	100	92	97	104	105	99	12	1				
	2021	RAINAISANCE ERIN		5	5	7	32	5	47	31	46	33	35	37	42						
EKVONSALIES CHAMPAGNE		EKVONSALIES DYNAMIC	6.09	98	94	89	96	103	88	100	109	99	109	108	106	6	1				
	2022	RAINAISANCE SHADOW 3		5	5	5	39	5	58	39	57	40	43	46	52						
BEHATI ROSIE		EKVONSALIES DYNAMIC	16.93	96	95	95	69	91	75	94	111	91	101	97	97	10					
	2023	GUNSMOKE KATIE TAYLOR		5	5	5	45	5	66	44	64	46	49	52	59						
EKVONSALIES COCO		ZKR CARLING	5.94	102	91	96	89	103	104	110	99	93	101	94	98	5	1				
	2023	DES VALLEY CLEO		5	5	5	30	5	45	29	44	31	33	35	40						

