

Boerboel Genetic Evaluation

SA Stud Book
February 2026

MNR. L. FEBRUARY

197 KLEINBOS LAAN

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SOMERSET -WEST

7140



Kennel Number: 611234



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.

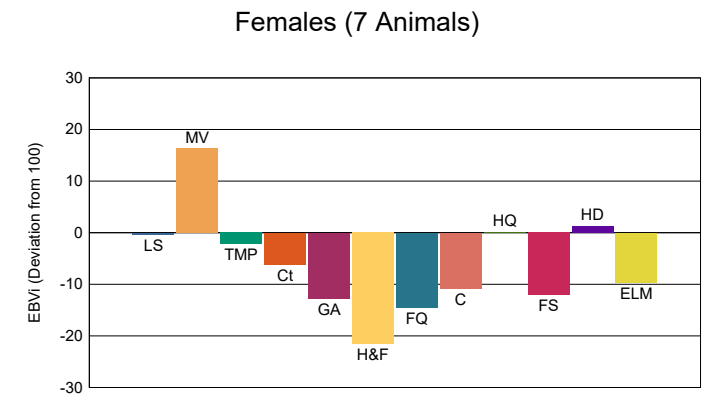
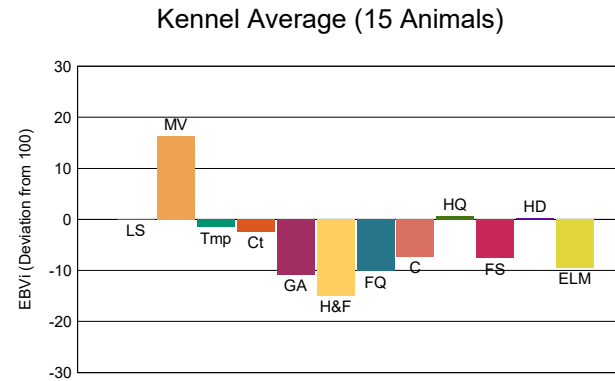
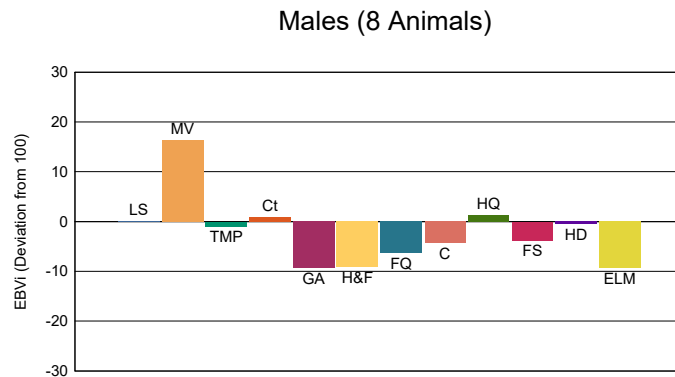
Genetic Trends: The Genetic Trends indicate the genetic change that occurred over time in the animals bred by the breeder compared to that of the breed. These are calculated as the average of the breeding values of all measured animals bred by the breeder, per year of birth.

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)	100	100	100
Movement (Mv)	116	116	116
Temperament (Tmp)	98	99	98
Coat (Ct)	98	101	94
General Appearance	89	91	87
Head & Face (H&F)	85	91	78
Front Quarter (FQ)	90	94	86
Centre (C)	93	96	89
Hind Quarter (HQ)	101	101	100
Final Score (FS)	92	96	88
Hip Health (HH)	100	100	101
Elbow Health (ELM)	91	91	90

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.

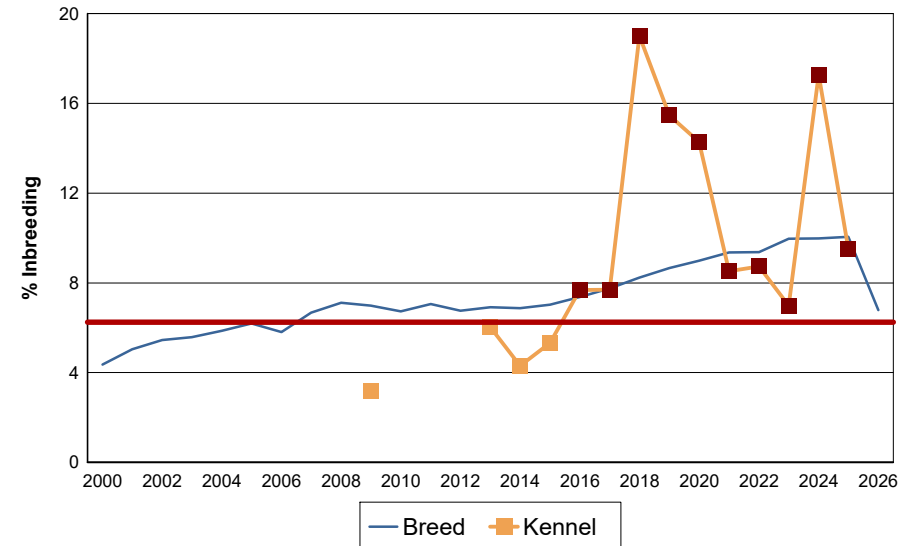
It is therefore highly recommended to record pedigree information as accurately. Inbreeding is dependent on pedigree information. Conventional methods for the calculation of inbreeding coefficients usually assume that unknown parents are unrelated, which is usually far from the truth. Inbreeding coefficients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

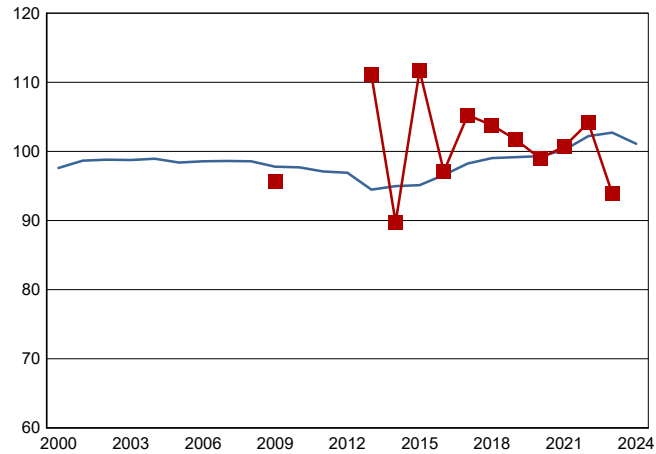


Inbreeding Levels

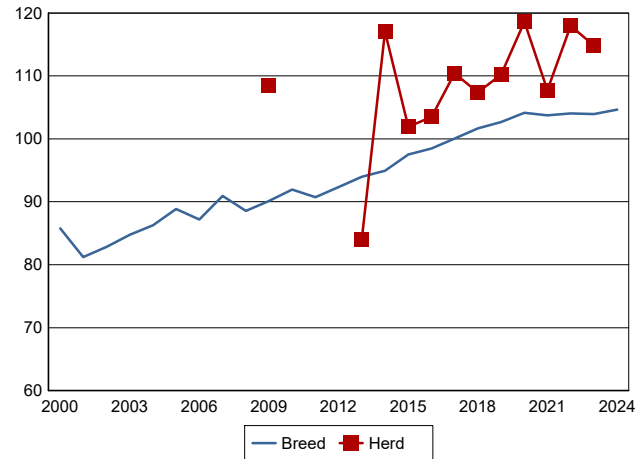
	All Animals		Males		Females		Sires		Dams	
	Kennel	Breed	Kennel	Breed	Kennel	Breed	Kennel	Breed	Kennel	Breed
Number	15	49007	8	25141	7	23857	6	3371	8	6287
Average Inbreeding	11.98	8.49	11.99	8.46	11.97	8.53	8.63	8.01	8.80	8.00
Number inbred	15	48727	8	24990	7	23728	6	24990	8	23728
Number >6.25% Inbr.	13	30600	8	15537	5	15058	3	15537	6	15058

Genetic Trends

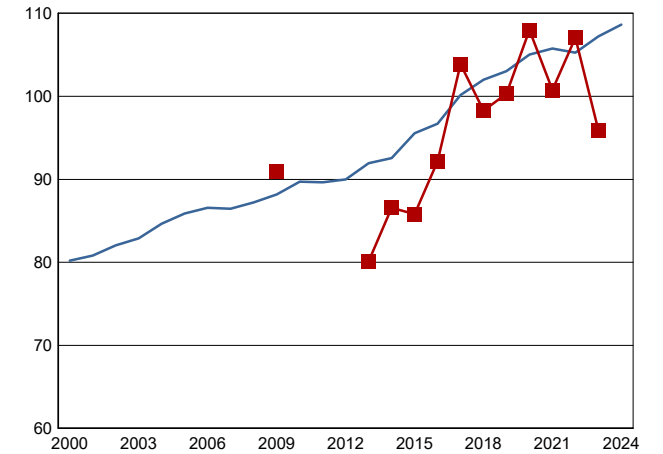
Litter Size



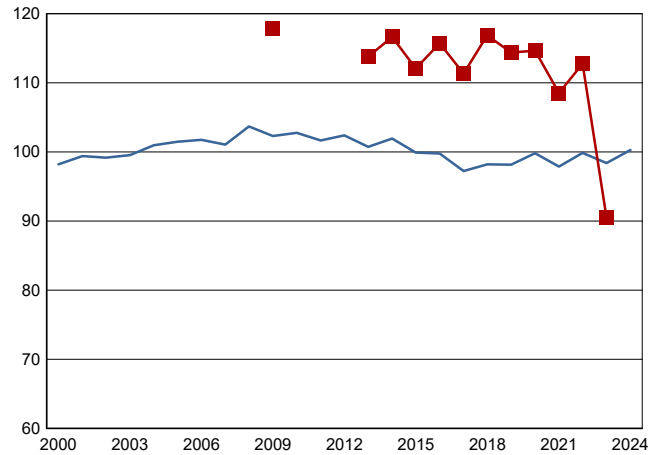
Movement



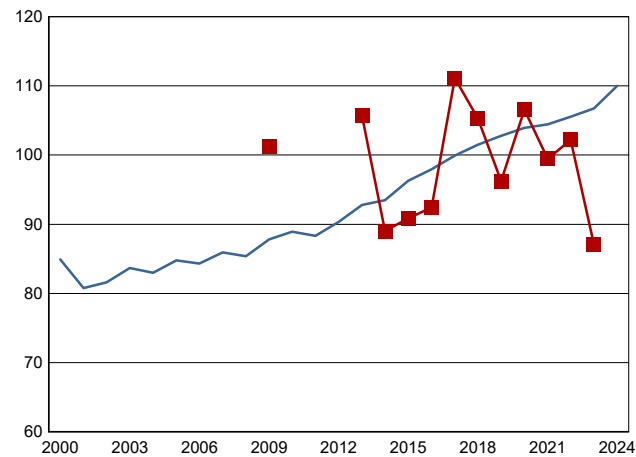
Temperament



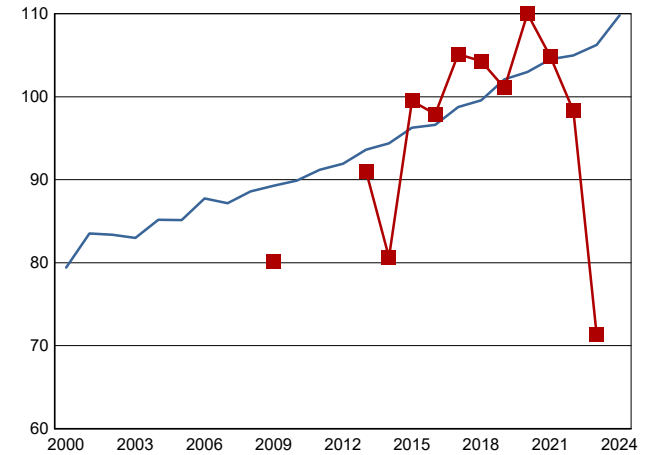
Coat



General Appearance

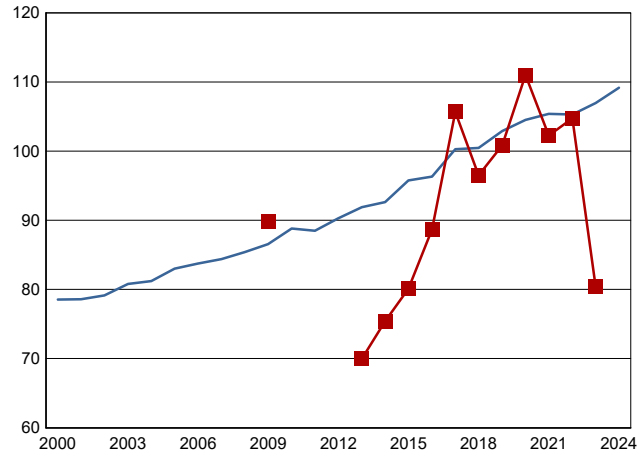


Head & Face

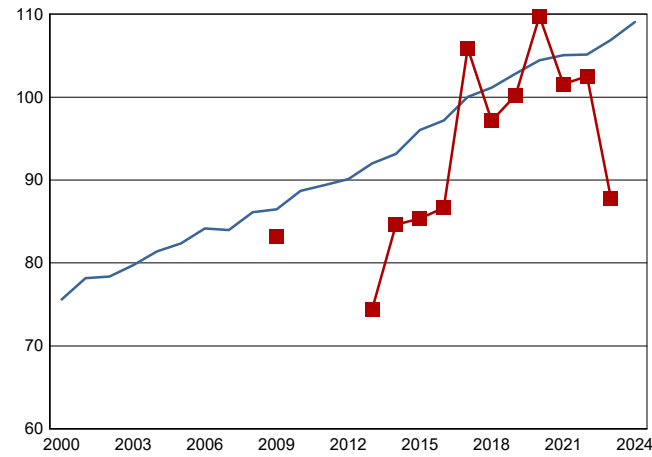


Genetic Trends

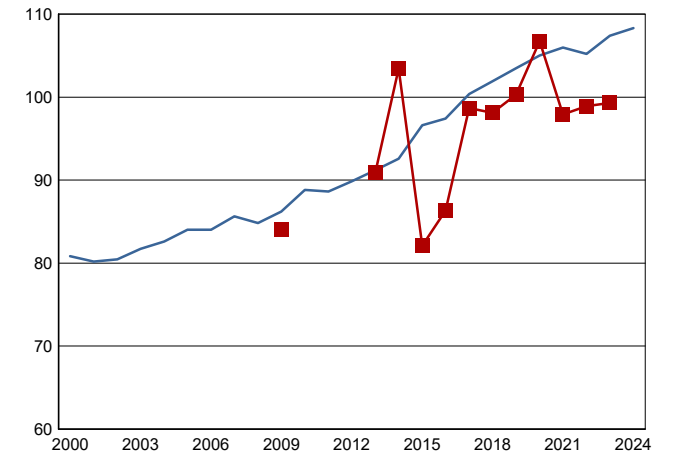
Front Quarter



Centre

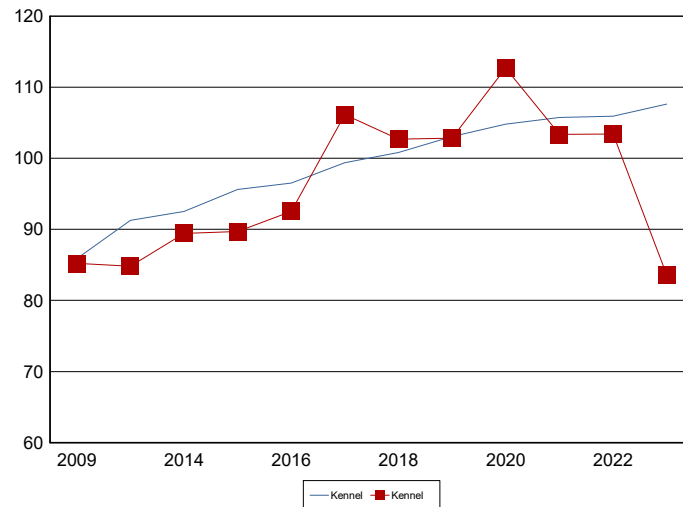


Hind Quarter

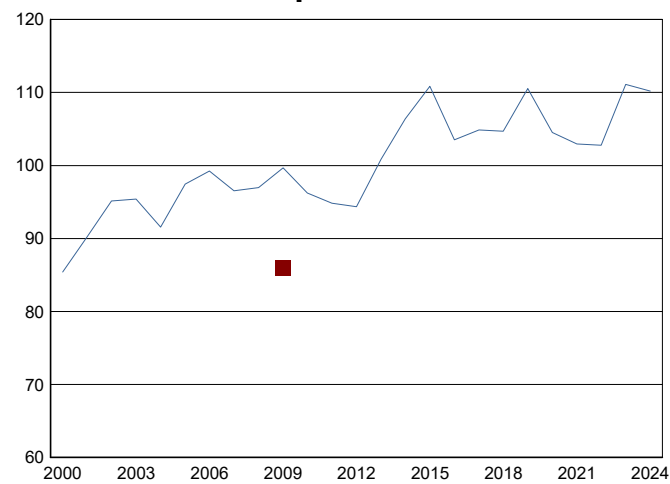


Final Score & Health Traits

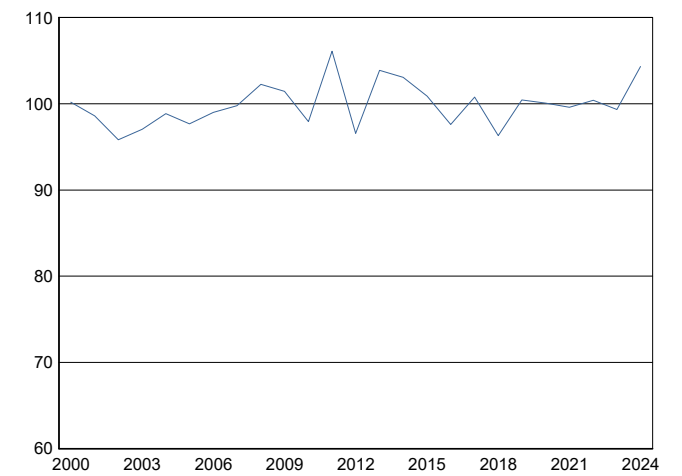
Final Score



Hip Health



Elbow Health



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	Sire			Hips	Elbows	Litter Size	Move-	Tempe-	Coat	General	Head &	Front	Centre	Hind	Final	Progeny				
	BYr	Dam	%	Acc.	Acc.	Acc.	ment	rament		Appear.	Face	Quarter		Quarter	Score	Litters	Kennels	Hips	Elbows	
BLUE PRINT EL-CLASSICO		BLUE PRINT SCREAM	7.28	94	85	104	113	101	106	97	111	108	106	93	106	7				
2021	AUGUSTYN GOSSIP			5	5	5	41	5	61	40	60	42	44	48	54					
BLUE PRINT KING DUKE		BLUE PRINT SCREAM	6.34	104	92	99	118	99	112	95	88	90	94	107	98					
2022	BLUE PRINT POWER OF GRACE			5	5	5	26	5	42	25	41	27	29	32	37					
REMBRANDT BBD BLUE-PRINT		BLUE PRINT SCREAM	10.60	89	97	104	105	99	111	102	103	99	101	103	104					
2023	REMBRANDT BBD ZEYNEP			5	5	5	19	5	37	18	36	21	24	27	32					
BLUE PRINT NUKE 3.0		BLUE PRINT SCREAM	32.55	101	91	101	116	97	125	99	99	93	94	104	102					
2024	BLUE PRINT QUEEN BLUEY 6.0			5	5	5	5	5	28	5	26	5	5	5	12					
BLUE PRINT WINSTON		BLUE PRINT EL-CLASSICO	10.49	101	89	99	122	99	89	81	81	90	93	100	90					
2024	BLUE PRINT LILY			5	5	5	14	5	37	12	36	15	19	23	30					
BLUE PRINT GOLIATH		BLUE PRINT EL-CLASSICO	10.49	101	89	99	122	99	89	81	81	90	93	100	90					
2024	BLUE PRINT LILY			5	5	5	14	5	37	12	36	15	19	23	30					
BLUE PRINT VIKING AKA SIMBA		BLUE PRINT EL-CLASSICO	10.49	101	89	99	122	99	89	81	81	90	93	100	90					
2024	BLUE PRINT LILY			5	5	5	14	5	37	12	36	15	19	23	30					
BLUE PRINT KINGSTON		BLUE PRINT MUFASA	7.66	105	93	98	114	100	88			90	93							
2025	BLUE PRINT LILY			5	5	5	10	5	30		29	12	15	19	24					

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	
BLUE PRINT TESSA 3	2018	BOSVLEI NEMO	17.50	97	89	103	110	102	111	107	104	95	97	99	102	5		1			2
		BLUE PRINT VOGUE		5	5	5	47	5	66	46	65	48	51	54	60			1			1
BLUE PRINT QUEEN LAYLA	2019	BLUE PRINT SCREAM	15.76	89	88	108	105	95	116	104	104	93	98	99	102	2	1	1			
		REMBRANDT BBD CAIA		5	5	5	43	5	65	42	63	44	47	51	57			1			
LOUWS BLACK WIDOW	2022	BLUE PRINT HELL FIRE	20.23	100	85	104	116	109	113	103	102	104	102	103	106						
		BLUE PRINT TESSA 3		5	5	5	12	5	41	9	40	15	21	26	34						
BLUE PRINT IVY	2023	BLUE PRINT SAMSON	6.06	108	94	93	118	83	68	62	23	55	64	88	50						
		BLUE PRINT POWER OF GRACE		5	5	5	40	5	60	39	59	41	43	46	53						
BLUE PRINT LILY	2023	BLUE PRINT SAMSON	6.06	108	94	93	130	96	72	66	52	73	79	107	74	10	1				
		BLUE PRINT POWER OF GRACE		5	5	5	40	5	61	39	59	41	44	47	53						
BLUE PRINT STORM I	2024	BLUE PRINT EL-CLASSICO	10.49	101	89	99	122	99	89	81	81	90	93	100	90						
		BLUE PRINT LILY		5	5	5	14	5	37	12	36	15	19	23	30						
BLUE PRINT CHARIS	2025	BLUE PRINT MUFASA	7.66	105	93	98	114	100	88		83	90	93	104	91						
		BLUE PRINT LILY		5	5	5	10	5	30		29	12	15	19	24						

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		
BOSVLEI NEMO		MIDDELPOS BBD DIE SKIM BOSVLEI	12.01	89	86	115	111	105	116	122	106	102	104	114	111	68	10	28	1	1	15
	2011	KLEIN SANDFONTEIN MAGALLA		5	5	25	71	44	83	70	82	72	73	76	79						
BLUE PRINT SAMSON		WALSH KUNG FU PANDA	4.17	106	93	91	114	87	94	70	61	73	77	86	72	4	3				2
	2016	GOEDHALS NALA		5	5	5	39	9	54	39	53	40	42	45	49						
BLUE PRINT SCREAM		BOSVLEI NEMO	17.50	97	89	103	112	95	132	100	107	96	96	101	106	23	5	4			2
	2018	BLUE PRINT VOGUE		5	5	5	49	5	69	48	68	50	53	56	62						
BLUE PRINT HELL FIRE		KLEIN WITWAL BBD SHOT CALLER	5.30	104	81	106	123	117	116	99	100	112	106	107	109	20	6	7			
	2019	BLUE PRINT VOGUE		5	5	15	54	26	71	53	70	55	57	60	65						
BLUE PRINT MUFASA		PADIACHY LOMU	5.51	101	92	103	98	105	104	113	113	107	107	101	109	3	1				
	2021	BLUE PRINT SOFAR		5	5	5	22	5	34	22	33	23	25	27	31						
BLUE PRINT EL-CLASSICO		BLUE PRINT SCREAM	7.28	94	85	104	113	101	106	97	111	108	106	93	106	7					
	2021	AUGUSTYN GOSSIP		5	5	5	41	5	61	40	60	42	44	48	54						

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		Sire		Hips	Elbows	Litter Size	Move-	Tempe-r	Coat	General	Head &	Front	Centre	Hind	Final	Progeny	Litters	Progeny	Hips	Elbows	
	BYr	Dam	%	Acc.	Acc.	Acc.	ment	ament		Appear.	Face	Quarter		Quarter	Score			Kennels			
BLUE PRINT VOGUE		WALSH KUNG FU PANDA	4.17	106	93	91	108	92	121	83	94	89	86	85	91	10	3	5		3	
	2016	GOEDHALS NALA		5	5	21	52	23	69	51	68	53	55	58	63			2	1		
AUGUSTYN GOSSIP		ELEVATION AROS	6.41	91	81	105	111	111	98	115	108	117	115	86	106	11	3	6		1	
	2016	AUGUSTYN BIKIWAAI		5	5	47	46	20	61	46	60	47	49	51	56			4	1		
REMBRANDT BBD CAIA		PENINSULA PLAYBOY	9.34	81	88	112	104	110	99	117	114	107	108	103	110	6	1	1		1	
	2018	MARANATA BBD MIKA		5	5	5	52	20	69	51	68	53	55	58	63			1	1		
BLUE PRINT TESSA 3		BOSVLEI NEMO	17.50	97	89	103	110	102	111	107	104	95	97	99	102	5		1		2	
	2018	BLUE PRINT VOGUE		5	5	5	47	5	66	46	65	48	51	54	60			1	1		
REMBRANDT BBD ZEYNEP		REMBRANDT BBD KOKKERROT	11.49	81	104	105	98	103	89	104	100	101	106	106	102	2	1				
	2020	MARANATA BBD TYRA		5	5	5	26	5	42	25	41	27	29	32	37						
BLUE PRINT POWER OF GRACE		ATKINS VUDOO	9.06	111	95	95	124	103	92	89	70	84	91	113	90	11		4		3	
	2020	KLOPDISSELBOOM LAALI		5	5	12	44	17	59	43	58	44	46	49	54			1	1		
BLUE PRINT QUEEN BLUEY 6.0		BLUE PRINT SCREAM	6.34	104	92	99	121	99	118	98	91	90	92	106	99	8	2				
	2022	BLUE PRINT POWER OF GRACE		5	5	5	39	5	60	38	59	40	43	46	53						
BLUE PRINT LILY		BLUE PRINT SAMSON	6.06	108	94	93	130	96	72	66	52	73	79	107	74	10	1				
	2023	BLUE PRINT POWER OF GRACE		5	5	5	40	5	61	39	59	41	44	47	53						

