

Boerboel Genetic Evaluation

SA Stud Book
February 2026

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MIDRAND
1685



Kennel Number: 686075



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.

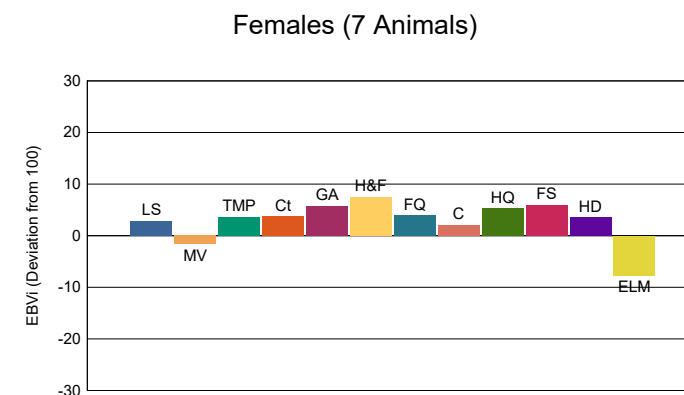
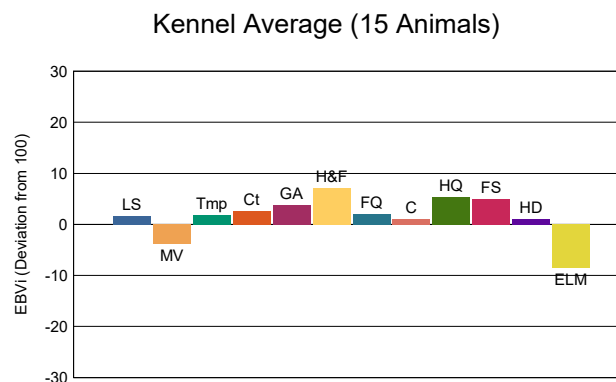
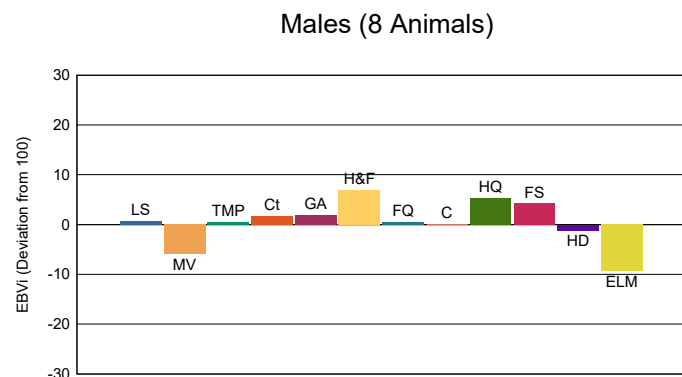
Genetic Trends: The Genetic Trends indicate the genetic change that occurred over time in the animals bred by the breeder compared to that of the breed. These are calculated as the average of the breeding values of all measured animals bred by the breeder, per year of birth.

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)	102	101	103
Movement (Mv)	96	94	98
Temperament (Tmp)	102	101	104
Coat (Ct)	103	102	104
General Appearance	104	102	106
Head & Face (H&F)	107	107	107
Front Quarter (FQ)	102	101	104
Centre (C)	101	100	102
Hind Quarter (HQ)	105	105	105
Final Score (FS)	105	104	106
Hip Health (HH)	101	99	104
Elbow Health (ELM)	91	91	92

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.

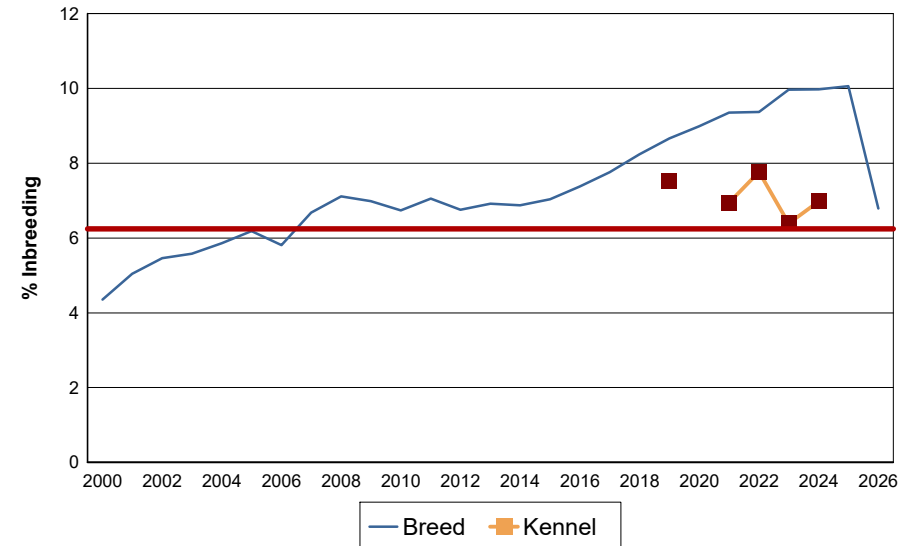
It is therefore highly recommended to record pedigree information as accurately. Inbreeding is dependent on pedigree information. Conventional methods for the calculation of inbreeding coefficients usually assume that unknown parents are unrelated, which is usually far from the truth. Inbreeding coefficients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

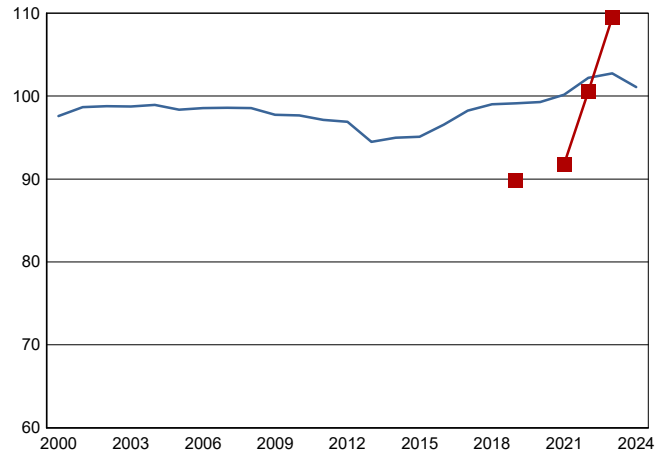


Inbreeding Levels

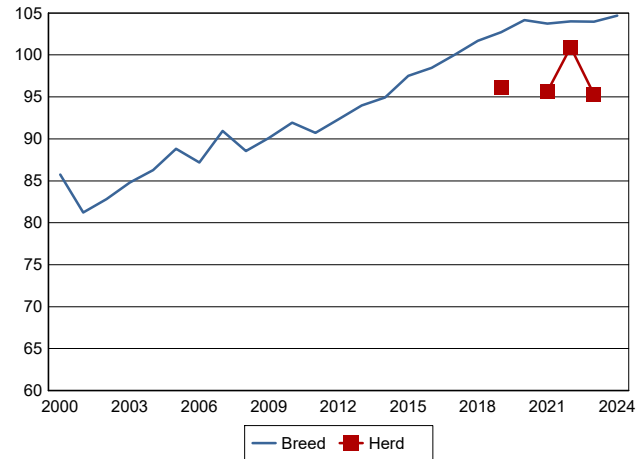
	All Animals		Males		Females		Sires		Dams	
	Kennel	Breed	Kennel	Breed	Kennel	Breed	Kennel	Breed	Kennel	Breed
Number	15	49007	8	25141	7	23857	9	3371	10	6287
Average Inbreeding	6.87	8.49	6.69	8.46	7.07	8.53	8.68	8.01	7.42	8.00
Number inbred	15	48727	8	24990	7	23728	9	24990	10	23728
Number >6.25% Inbr.	9	30600	4	15537	5	15058	5	15537	6	15058

Genetic Trends

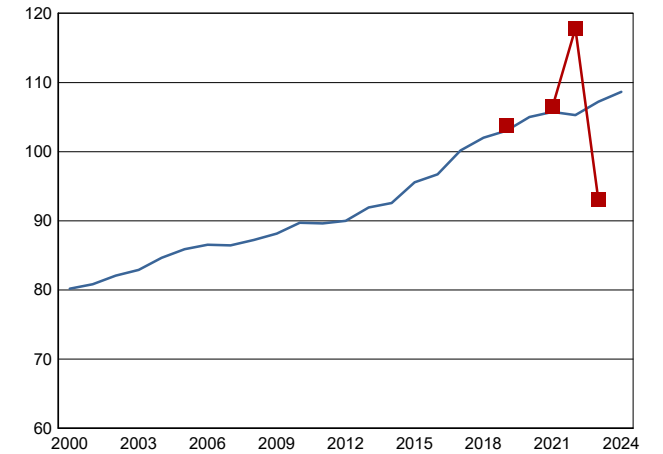
Litter Size



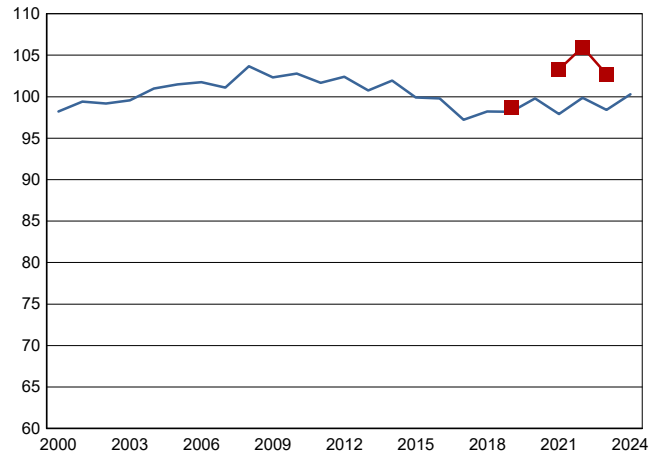
Movement



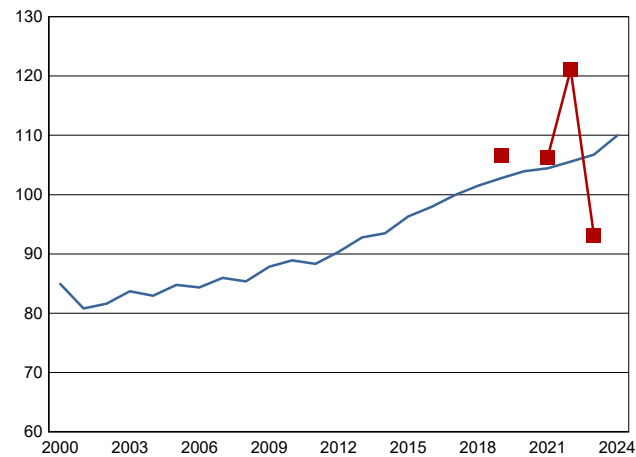
Temperament



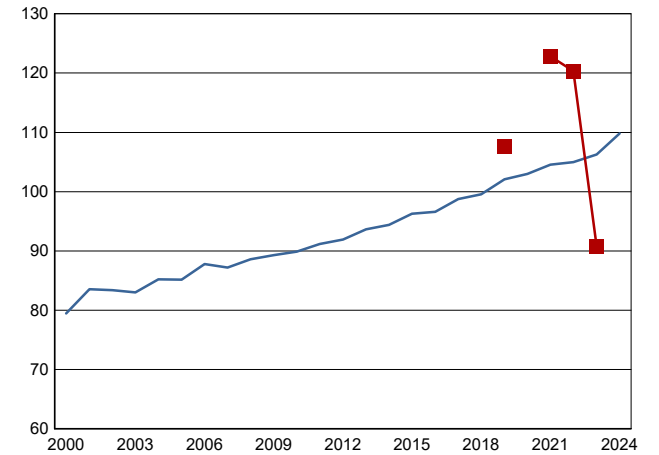
Coat



General Appearance

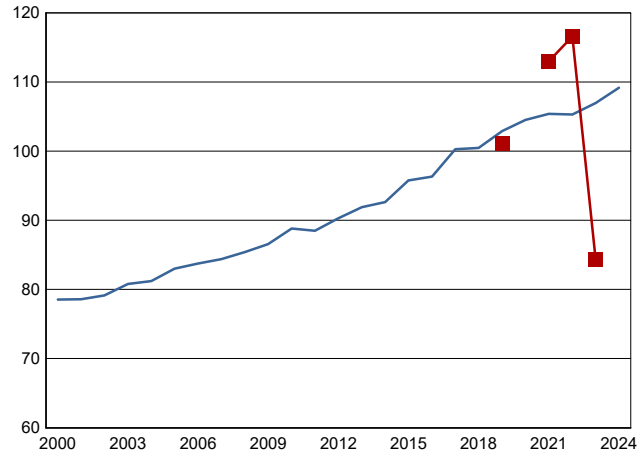


Head & Face

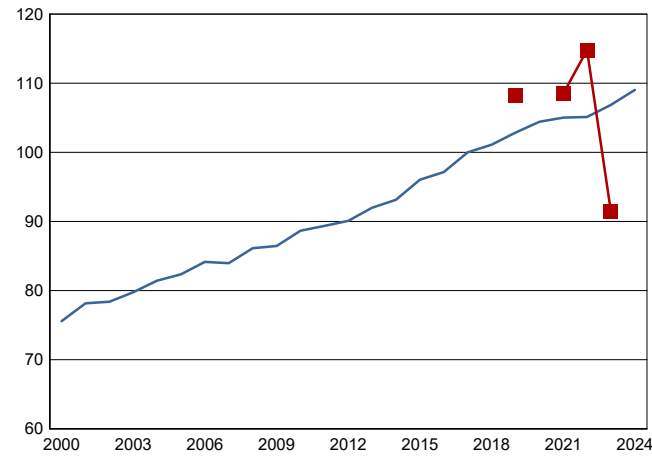


Genetic Trends

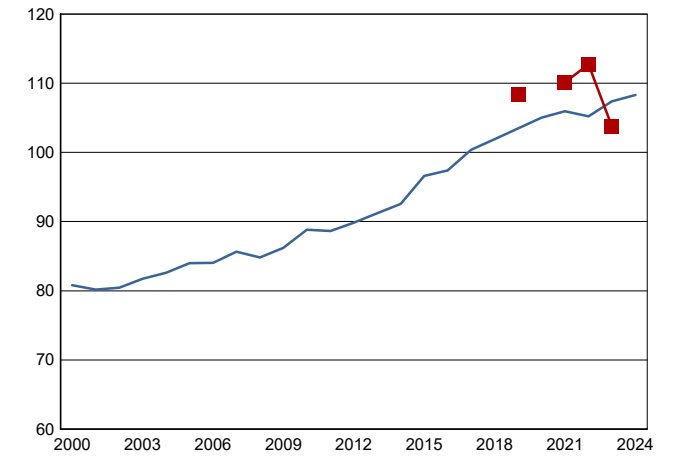
Front Quarter



Centre

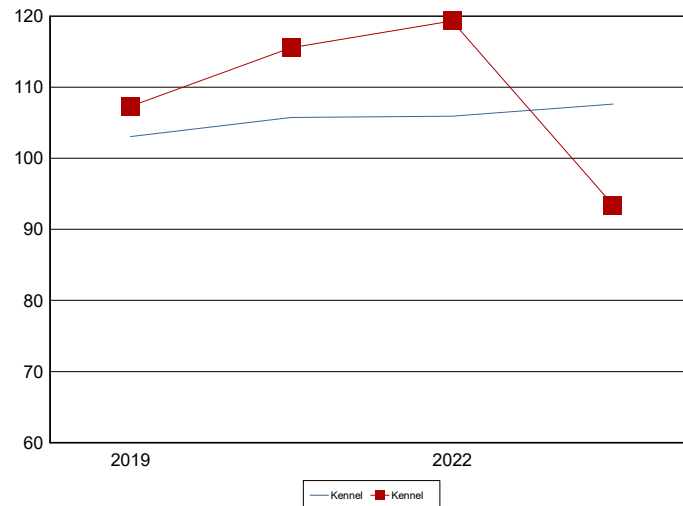


Hind Quarter

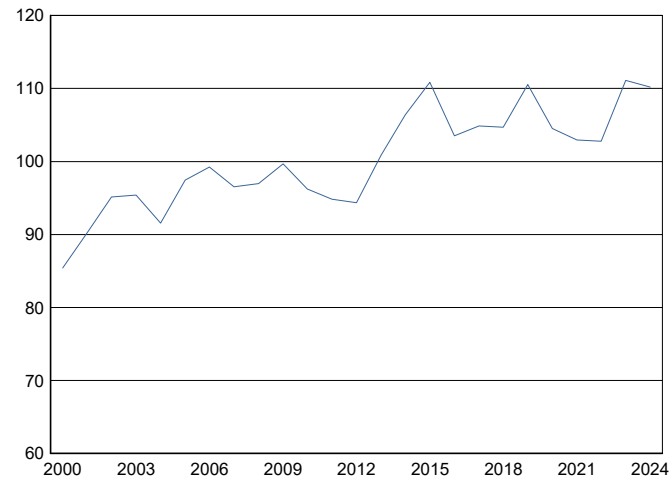


Final Score & Health Traits

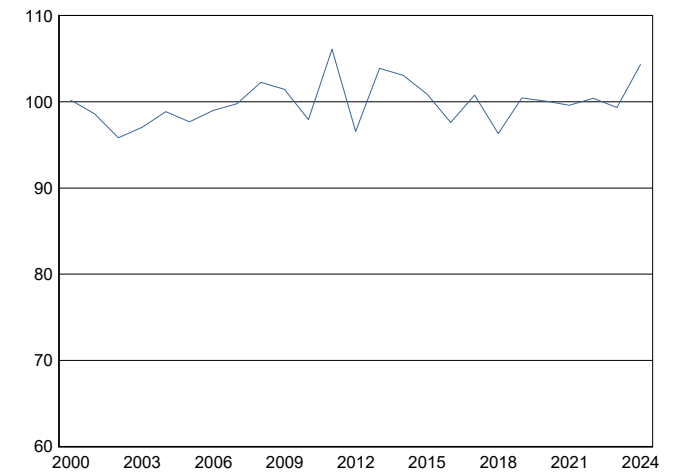
Final Score



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	Litters	Progeny	Hips	Elbows	
BYr	Dam	%	Acc.	Acc.	Acc.	ment	rament		Appear.	Face	Quarter		Quarter	Score			Kennels			
SA BRIGHT ZULU	HERBERG RUGER	5.94	108	91	91	92	101	105	105	120	108	103	106	111	2	1				
	SA BRIGHT TYLER		5	5	8	49	21	66	49	65	50	52	55	60						
SA BRIGHT DIEGO	HERBERG RUGER	5.94	108	91	91	90	106	110	112	130	119	112	112	120	24	4	3			
	SA BRIGHT TYLER		5	5	8	52	24	69	52	68	53	56	58	64						
SA BRIGHT RAZER	KADIMA DASCHU-COOL	5.77	82	87	111	86	86	95	89	80	74	87	101	84						
	SA BRIGHT TYLER		5	5	13	48	20	65	47	64	49	51	54	59						
SA BRIGHT MAKE	KADIMA DASCHU-COOL	5.77	82	87	111	93	92	105	95	88	81	91	103	92						
	SA BRIGHT TYLER		5	5	13	40	14	52	40	52	41	43	45	48						
SA BRIGHT RAZER II	SA BRIGHT DIEGO	6.29	107	93	103	108	107	101	99	113	108	101	110	110						
	SUID KAAP MONICA		5	5	5	31	5	45	30	45	31	34	36	41						
SA BRIGHT DYAN	SA BRIGHT DIEGO	6.98	107	93	98	94	104	102	108	119	111	106	103	111						
	SUBIRI NOVEMBER RAIN		5	5	5	22	5	36	21	35	23	25	28	32						
ARTS MINI COOPER	AMAYIRHA COOPER	9.16	108	95	99	99	107	91	105	109	109	105	104	106						
	KADIMA DALUSHKA		5	5	5	21	5	36	20	36	22	25	27	32						
STUMPEDE RANGER	NTOZIMNANDI JUB JUB	7.69	89	90	102	92	101	105	104	96	95	97	104	99						
	SA BRIGHT AMY		5	5	5	26	5	40	25	39	27	29	31	36						

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	
SA BRIGHT SHAZ		AFRIKA BUNDO 6	7.52	103	81	88	105	107	102	110	104	102	111	111	109						
	2019	SHADROCK MOCCA		5	22	25	51	25	67	51	66	52	54	57	62						
SUID KAAP MONICA		SUID KAAP OMEGA	8.58	106	95	115	125	109	93	86	96	96	89	107	99	19	3	3			2
	2020	SUID KAAP AYAH		5	5	27	51	20	69	50	68	52	54	57	63			3			1
SA BRIGHT JAMMY		AFRIKA RUBEN II	8.97	111	92	119	116	117	100	117	124	116	115	115	121						
	2022	GALACTIC BRUCE		5	5	7	45	14	64	45	62	46	49	51	57						
SUPREMACY ZANE		SA BRIGHT ZULU	6.77	106	93	96	82	100	113	113	118	109	104	102	110						
	2025	BEDOLINE HANNAH		5	5	5	24	5	40	23	39	25	28	30	35						
BRACKEN SINDY		SA BRIGHT DIEGO	4.96	106	98	100	84	96	107	106	107	105	99	99	102						
	2025	CAVIN REGAL NIKITA		5	5	5	32	5	46	32	45	33	35	37	42						
BRACKEN SANDY		SA BRIGHT DIEGO	4.96	106	98	100	84	96	107	106	107	105	99	99	102						
	2025	CAVIN REGAL NIKITA		5	5	5	32	5	46	32	45	33	35	37	42						
STUMPEDE LIZY		NTOZIMNANDI JUB JUB	7.69	89	90	102	92	101	105	104	96	95	97	104	99						
	2025	SA BRIGHT AMY		5	5	5	26	5	40	25	39	27	29	31	36						

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		
SUID KAAP OMEGA		GROENBERG BBD RAMBO	10.11	113	88	71	127	128	81	104	100	105	108	124	112	45 8	8 7			8 1	
	2017	SUID KAAP LEZA		18	28	49	64	45	77	64	76	65	66	68	72						
AFRIKA BUNDO 6		AFRIKA RAMBOMAX	11.97	89	84	103	114	107	96	112	110	107	109	109	111	80 14	23 11	1 1		10 2	
	2018	AFRIKA KONTESSA		39	56	44	72	49	84	72	83	73	75	77	80						
HERBERG RUGER		MAKULU LAANIE ROEPER	4.26	113	101	90	100	102	117	104	132	118	104	112	120	24 2	8 6			7 2	
	2020	DEO-HAN SHADOW		5	5	27	61	35	76	60	75	62	64	67	71						
NTOZIMNANDI JUB JUB		MARVILLOSO NKUNZI	7.07	95	92	93	90	110	105	113	105	109	104	106	106	47 10	10 8			3 1	
	2020	ROKAFELA MABHEBEZA		5	5	22	51	21	69	50	68	52	55	57	63						
AFRIKA RUBEN II		MES RUBENSTEIN	19.64	102	75	130	122	127	104	116	124	120	117	134	130	43 8	4 3			1 1	
	2020	MES MILLAH		25	15	39	59	36	73	59	72	60	62	64	69						
KADIMA DASCHU-COOL		BOSTU DADDY COOL	5.48	62	93	130	98	85	115	86	65	62	76	99	78	49 10	12 10			4 2	
	2021	KADIMA TAURUS		16	31	36	63	40	77	63	76	64	66	68	73						
SA BRIGHT DIEGO		HERBERG RUGER	5.94	108	91	91	90	106	110	112	130	119	112	112	120	24 4	3 2				
	2021	SA BRIGHT TYLER		5	5	8	52	24	69	52	68	53	56	58	64						
SA BRIGHT ZULU		HERBERG RUGER	5.94	108	91	91	92	101	105	105	120	108	103	106	111	2 1					
	2021	SA BRIGHT TYLER		5	5	8	49	21	66	49	65	50	52	55	60						
AMAYIRHA COOPER		SA BRIGHT BUSTER	7.73	110	99	95	97	114	92	107	111	114	114	119	114	13 2	3 3				
	2023	LOMBARD SUPERIOR LIBERTY		5	5	5	43	10	61	43	60	44	47	49	55						

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	
SHADROCK MOCCA	2014	MIDDELPOS BBD IMPI	5.03	117	78	72	89	101	114	107	104	91	102	99	102	13	5	8	1	1	4
		MIGHTY DAKOTA		21	31	47	59	33	74	59	73	60	62	65	69			7			2
GALACTIC BRUCE	2018	ELEVATION TANKWA	5.60	120	109	108	102	105	85	106	103	97	99	91	97	5	2	1			
		GALACTIC BELLASIDIAN		5	5	22	50	23	66	49	65	51	53	55	61			1			
SUID KAAP AYAH	2018	SUID KAAP AFRIKA	9.02	98	102	137	108	92	88	69	87	87	70	82	80	21	2	4			2
		SUID KAAP TOUCH OF CLASS		5	5	27	47	11	63	46	62	48	50	53	58			4			1
CAVIN REGAL NIKITA	2019	MAKARIOS BBD AJACKS	7.28	103	106	109	78	85	105	99	84	91	87	86	84	22	1	1			
		SA EXTREME NIKITA		5	5	33	53	29	68	53	67	54	56	58	63			1			
SUBIRI NOVEMBER RAIN	2019	SUBIRI KONG	6.19	106	96	104	98	102	94	103	108	103	100	94	101	1					
		SUBIRI MIKA		5	5	5	25	5	39	25	38	26	28	30	34						
SA BRIGHT TYLER	2019	AFRIKA BUNDO 6	7.52	103	81	92	87	100	95	103	111	101	106	106	106	36	3	17			8
		SHADROCK MOCCA		5	22	31	59	32	74	58	74	60	62	65	70			12			1
SUID KAAP MONICA	2020	SUID KAAP OMEGA	8.58	106	95	115	125	109	93	86	96	96	89	107	99	19	3	3			2
		SUID KAAP AYAH		5	5	27	51	20	69	50	68	52	54	57	63			3			1
BEDOLINE HANNAH	2023	DTK TOXIC	9.86	103	96	101	72	99	120	120	115	110	105	98	108	2	1				
		MALAZA ZAHARA		5	5	5	36	5	57	35	55	37	40	43	50						
KADIMA DALUSHKA	2023	SUID KAAP BASTION	9.36	105	91		100	100	90	102	108	104	95	90	98	13	2	3			
		MEGAZONE ALEJANDRA		5	5		45	9	62	44	61	46	48	51	57			3			
SA BRIGHT AMY	2023	KADIMA DASCHU-COOL	5.77	82	87	111	93	92	105	95	88	81	91	103	92	10	1				
		SA BRIGHT TYLER		5	5	13	40	14	52	40	52	41	43	45	48						

