

Boerboel Genetic Evaluation

SA Stud Book
February 2026

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CENTURION
PRETORIA
0157



Kennel Number: 704534



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.

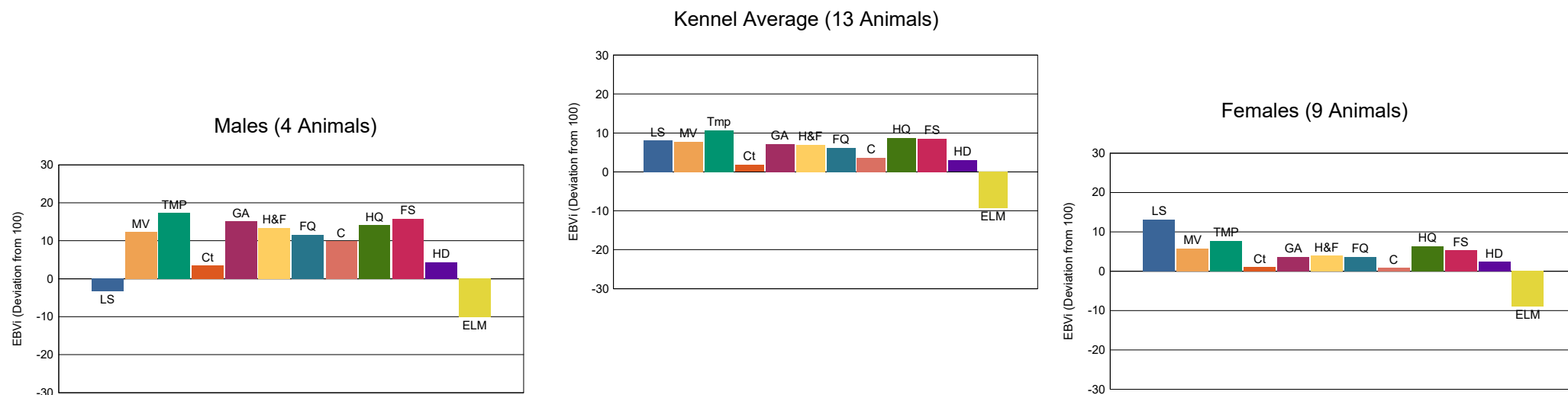
Genetic Trends: The Genetic Trends indicate the genetic change that occurred over time in the animals bred by the breeder compared to that of the breed. These are calculated as the average of the breeding values of all measured animals bred by the breeder, per year of birth.

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)	108	97	113
Movement (Mv)	108	112	106
Temperament (Tmp)	111	117	108
Coat (Ct)	102	103	101
General Appearance	107	115	104
Head & Face (H&F)	107	113	104
Front Quarter (FQ)	106	112	104
Centre (C)	104	110	101
Hind Quarter (HQ)	109	114	106
Final Score (FS)	108	116	105
Hip Health (HH)	103	104	102
Elbow Health (ELM)	91	90	91

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.

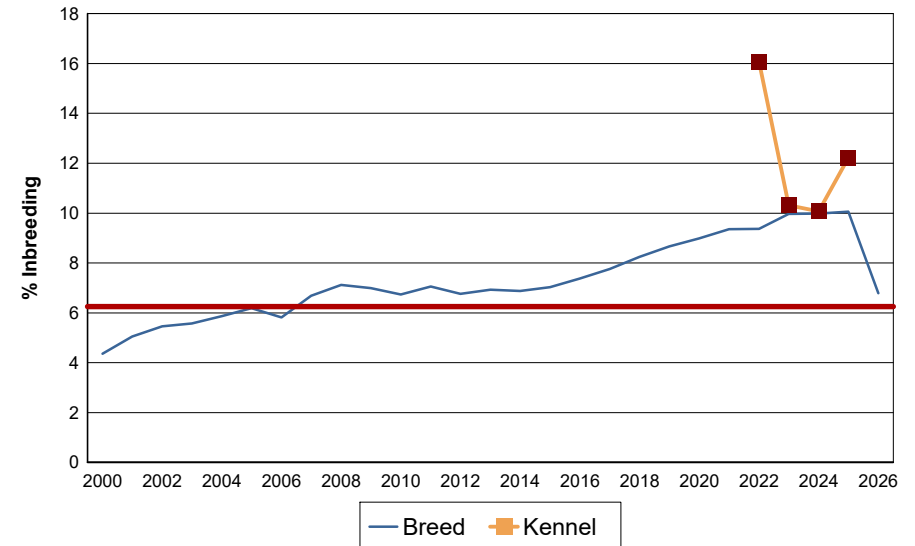
It is therefore highly recommended to record pedigree information as accurately. Inbreeding is dependent on pedigree information. Conventional methods for the calculation of inbreeding coefficients usually assume that unknown parents are unrelated, which is usually far from the truth. Inbreeding coefficients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

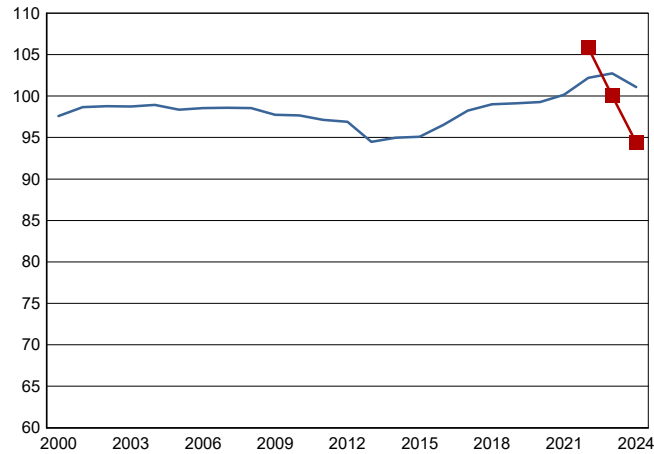


Inbreeding Levels

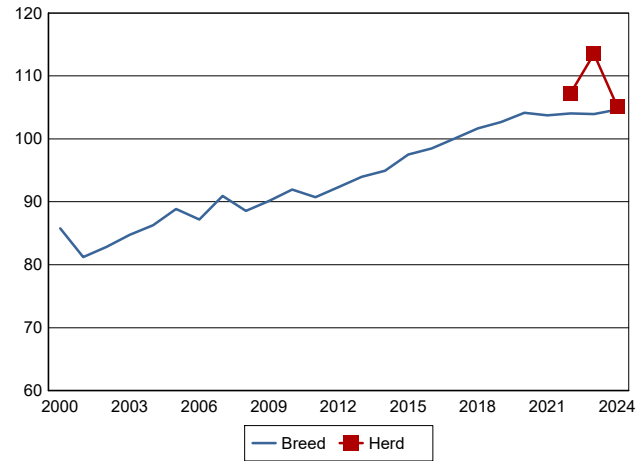
	All Animals		Males		Females		Sires		Dams	
	Kennel	Breed	Kennel	Breed	Kennel	Breed	Kennel	Breed	Kennel	Breed
Number	13	49007	4	25141	9	23857	12	3371	11	6287
Average Inbreeding	11.85	8.49	15.71	8.46	10.13	8.53	10.65	8.01	9.49	8.00
Number inbred	13	48727	4	24990	9	23728	12	24990	11	23728
Number >6.25% Inbr.	11	30600	4	15537	7	15058	10	15537	8	15058

Genetic Trends

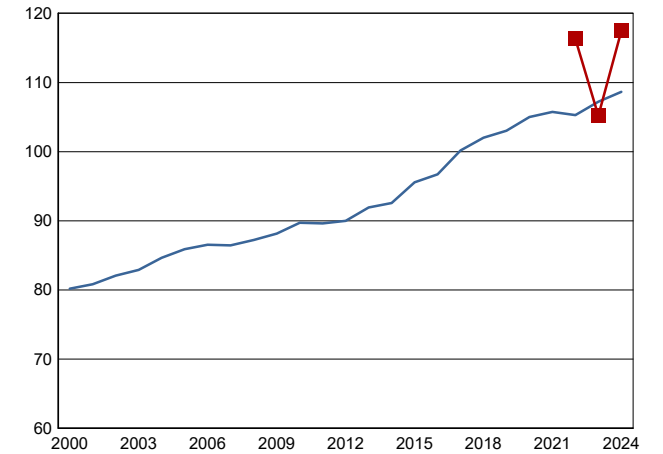
Litter Size



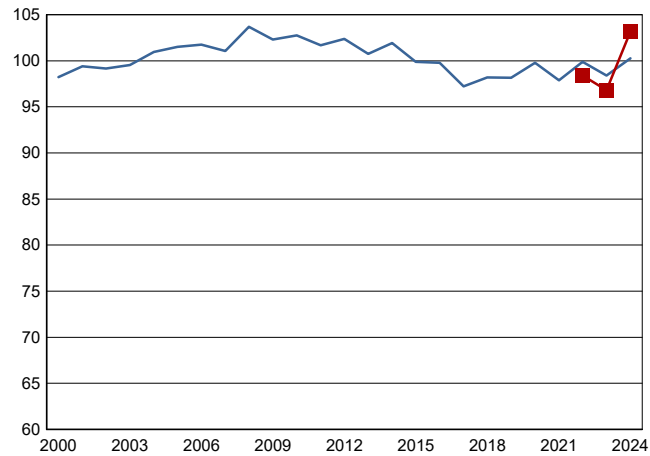
Movement



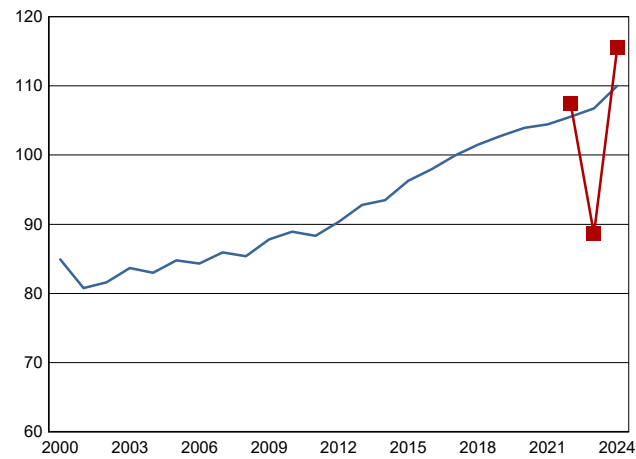
Temperament



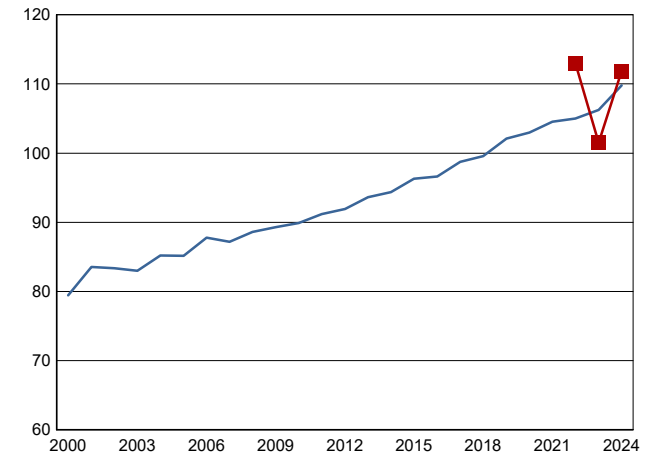
Coat



General Appearance

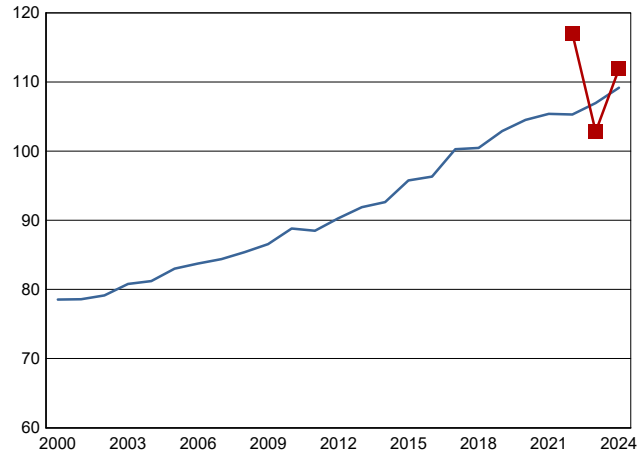


Head & Face

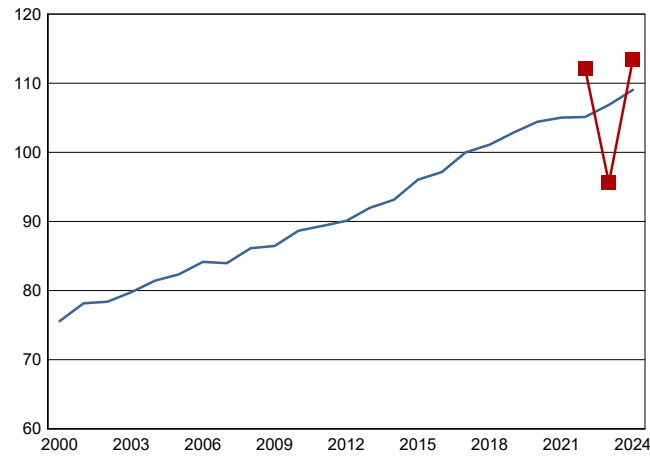


Genetic Trends

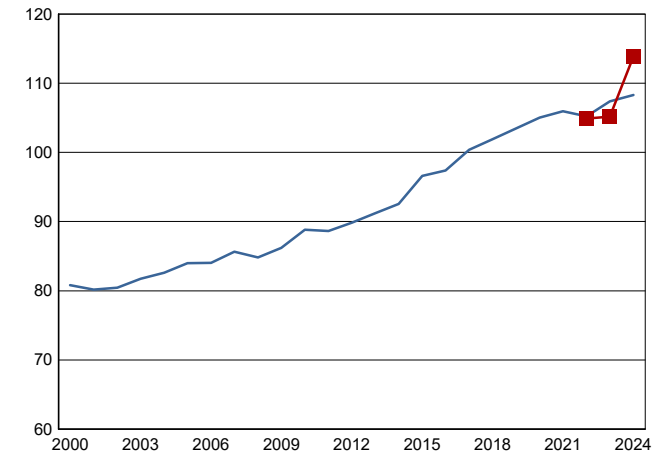
Front Quarter



Centre

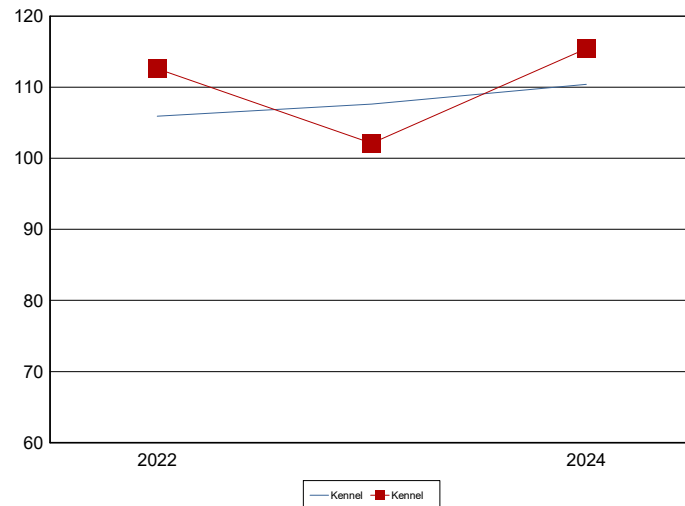


Hind Quarter

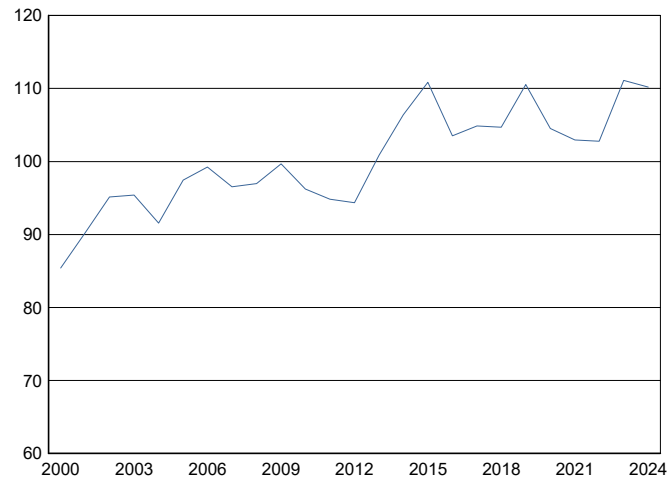


Final Score & Health Traits

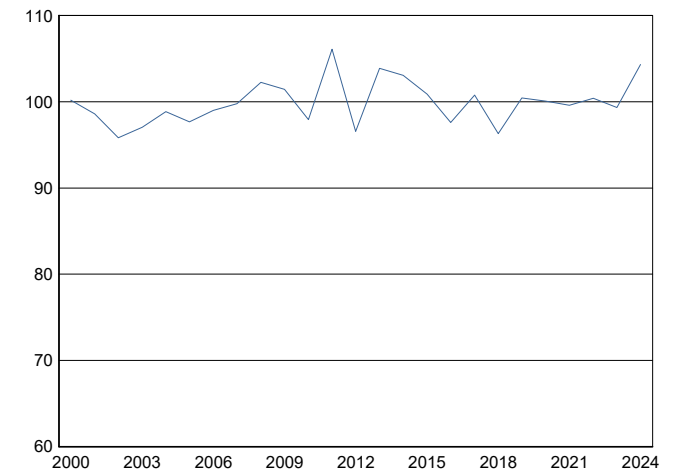
Final Score



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	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	
MOK JAAP		WOEKER BBD JAPIE	10.50	106	89	94	102	120	106	119	115	115	115	116	118	3	1				
	2024	SA BRIGHT ZODWA		5	5	21	50	25	65	49	64	51	53	55	60						
MOK BOYO		TAUNG RAMBO	8.38	100	84	95	114	111	91	112	102	101	105	109	106						
	2024	HARDT BELLA		5	5	5	23	5	40	23	39	24	27	29	35						
HORIZON TROVEL		HORIZON PATAT	30.88	105	99	100	128	126	111	121	119	116	110	121	123						
	2025	MASTERMINDS ROYAL		5	5	5	5	5	35	5	33	5	5	5	24						
MOK ALZU		MOK JAAP	13.10	106	88	98	105	113	106			114	109								
	2025	ROEZITA KATAR		5	5	5	25	5	41		40	26	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	
MARVILLOSO HERA	2018	CABARET ALLYCAT	4.41	92	95	147	92	97	95	102	93	91	97	93	93	20	5	10 9			10 2
		MIDDELPOS BBD STELLA		5	5	51	63	38	77	63	76	64	66	68	72						
NSIZWA DAISY	2021	NSIZWA JOE SLOVO	6.22	96	99	103	109	95	107	73	90	96	93	107	96						
		NSIZWA NKOSAZANA		5	5	18	47	17	65	46	63	48	50	53	58						
TERRIBLE TWINS NQOBIZITHA	2021	ELEVATION GHETTO-ROUGH	11.26	105	87	97	121	121	108	115	120	112	104	108	117	1	1	1 1			
		DEFIANT DUDLU		5	5	21	43	17	55	43	54	44	45	47	51						
ROEZITA KATAR	2022	AFRIKA ROLLO	12.02	106	87	102	108	106	106	97	120	114	102	108	113	3	1				
		LOMBARD SUPERIOR SAVANAH		5	5	5	46	14	64	43	62	47	49	52	57						
NSIZWA ROVER	2023	KAMMO BBD SAMWELL	13.68	96	90	135	112	111	97	115	91	98	105	106	102						
		MARVILLOSO HERA		5	5	30	51	26	66	51	65	52	54	56	61						
WOEKER BBD MIDNIGHT	2024	WOEKER BBD MATEKWA	11.81	115	87	118	110	113	91	109	103	106	94	115	106						
		AFRIKA LARA 5		5	5	7	49	18	66	49	65	50	53	55	61						
TAUNG HANNAH	2024	NTOZIMNANDI JUB JUB	9.08	102	94	104	93	106	108	107	103	109	104	107	106						
		BOSTU AZALEA		5	5	6	32	5	46	31	45	32	34	37	41						
MOK THARI	2025	TERRIBLE TWINS ZOLA 7	9.58	103	93	114	102	108	93	107	98	95	99	101	99						
		MARVILLOSO HERA		5	5	14	34	5	47	33	46	35	37	39	43						
MOK ZURI	2025	MOK JAAP	13.10	106	88	98	105	113	106		118	114	109	112	116						
		ROEZITA KATAR		5	5	5	25	5	41		40	26	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		
CABARET ALLYCAT		CABARET STRAATKAT AGAIN	21.05	89	109	127	78	97	91	99	98	98	95	80	90	27	6	12		11	
	2015	CABARET MERAAL		5	5	41	66	37	80	66	79	67	69	71	76			9		3	
WOEKER BBD JAPIE		MIDDELPOS BBD JOCK 1	13.41	114	104	92	123	117	92	103	107	107	108	111	111	147	26	40	1	1	19
	2016	MIDDELPOS BBD FIELA 3		5	5	55	76	54	86	75	86	77	78	80	83			29		6	
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	15
	2017	AREA BOERBOELS KARLIEN VAN JAARSVELD		33	46	54	71	52	82	71	81	72	73	75	78			19		6	
ELEVATION GHETTO-ROUGH		ELEVATION DAX	14.22	109	79	89	132	134	111	126	138	125	119	116	133	105	22	40	4	4	29
	2017	QUREDU MIA		32	51	49	77	55	87	77	86	78	79	81	84			35		9	
NSIZWA JOE SLOVO		ELEVATION OTTO	5.09	91	101	108	109	108	102	89	95	104	105	116	105	27	4	6			5
	2018	LINJO NANDI		5	17	39	59	35	74	58	73	60	62	64	69			6		2	
NTOZIMNANDI JUB JUB		MARVILLOSO NKUNZI	7.07	95	92	93	90	110	105	113	105	109	104	106	106	47	10	10			3
	2020	ROKAFELA MABHEBEZA		5	5	22	51	21	69	50	68	52	55	57	63			8		1	
AFRIKA ROLLO		AFRIKA GHUNTER	7.67	106	86	112	104	118	107	122	134	137	116	108	126	73	11	6			2
	2020	AMADEO AZURA		5	18	33	62	38	76	62	75	63	65	67	72			3		2	
WOEKER BBD MATEKWA		LOMBARD SUPERIOR HAMMILTON	10.45	110	88	133	104	120	84	116	110	111	97	115	110	91	12	35			9
	2021	WOEKER BBD STELLA		5	5	24	64	36	79	64	79	65	68	70	75			15		5	
TERRIBLE TWINS ZOLA 7		TERRIBLE TWINS ZUNGU	8.79	114	91	81	112	118	91	111	102	99	101	109	105	3	1				
	2021	TERRIBLE TWINS LWANDLE		5	5	6	44	12	61	43	60	45	47	50	55						
TAUNG RAMBO		TRUE NEGRO	6.71	97	98	99	125		100	112	95	98	103	109	104	23	6				
	2022	ROKAFELA CHELSEA		5	5	5	43		63	42	62	44	47	50	56						
HORIZON PATAT		HORIZON KONING GOG	18.11	106	99	103	126	131	108	130	130	125	124	125	133	5	1				
	2024	HORIZON SKY		5	5	5	35	5	60	24	59	36	40	44	52						

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		
MOK JAAP		WOEKER BBD JAPIE	10.50	106	89	94	102	120	106	119	115	115	115	116	118	3	1				
	2024	SA BRIGHT ZODWA		5	5	21	50	25	65	49	64	51	53	55	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-rament	Coat	General Appear.	Head & Face	Front Quarter	Centre	Hind Quarter	Final Score	Progeny	Litters	Progeny Kennels	Hips	Elbows	
MIDDELPOS BBD STELLA	2013	GROENBERG BBD RAMBO	9.66	95	80	119	104	116	81	114	105	105	112	115	109	49	7	22	3	3	15
		AFRIKA THANDIE		39	48	72	76	57	85	75	84	76	78	79	82			19			2
NSIZWA NKOSAZANA	2017	LINJO MOSCOW	6.00	101	97	98	87	77	107	73	96	92	81	85	86	16	3	5			4
		LOWEN KLEIN WITWAL PRINCESS MKABAYI		5	5	46	54	24	72	54	71	55	58	61	66			5			1
MARVILLOSO HERA	2018	CABARET ALLYCAT	4.41	92	95	147	92	97	95	102	93	91	97	93	93	20	5	10			10
		MIDDELPOS BBD STELLA		5	5	51	63	38	77	63	76	64	66	68	72			9			2
DEFIANT DUDLU	2019	ROKAFELA GLADIATOR	9.25	101	95	105	108	107	105	109	106	100	91	99	103	7	1	1			2
		ROKAFELA LINDSAY		5	5	9	50	19	68	49	67	51	53	56	62			1			2
MASTERMINDS ROYAL	2020	LOTTER SUPERMAN	19.73	105	100	96	129	122	114	113	108	107	97	116	114	18	5	7			7
		MASTERMINDS BELLA		5	5	5	48	5	68	46	67	49	52	56	62			6			1
LOMBARD SUPERIOR SAVANAH	2021	KADOS TEXAS	11.65	106	89	93	117	106	105	81	97	99	99	118	105	4	1	1			1
		LOMBARD SUPERIOR ARIZONA		5	5	31	50	25	64	49	63	50	52	55	59			1			1
BOSTU AZALEA	2021	BOSTU ZAVUKA	9.91	109	96	115	96	102	111	101	102	109	104	109	106	8	1				
		MES LULU V		5	21	38	53	29	68	53	67	54	56	58	63						
AFRIKA LARA 5	2021	WOEKER BBD JAPIE	4.95	120	86	102	118	112	89	106	109	107	100	112	109	12	3	6			
		AFRIKA DALITA		5	19	44	61	36	75	60	74	61	63	66	70			3			
SA BRIGHT ZODWA	2022	AFRIKA GHUNTER	7.65	98	73	97	95	118	110	124	117	116	116	114	119	4	1	3			1
		SA BRIGHT TYLER		5	5	25	50	26	62	47	61	50	52	54	58			3			1
ROEZITA KATAR	2022	AFRIKA ROLLO	12.02	106	87	102	108	106	106	97	120	114	102	108	113	3	1				
		LOMBARD SUPERIOR SAVANAH		5	5	5	46	14	64	43	62	47	49	52	57						
HARDT BELLA	2023	BOSTU SIMBA I	9.19	104	70	90	104	110	82	111	110	104	108	108	108	1	1				
		MES KAINGO BAILEY		5	5	18	42	11	58	43	57	43	45	47	52						

