

Boerboel Genetic Evaluation

SA Stud Book
February 2026

0 0 LOL KENNELS

062 OFF STATE LODGE ROAD
STATE LODGE
LUSAKA
ZAMBIA



Kennel Number: 699557



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.

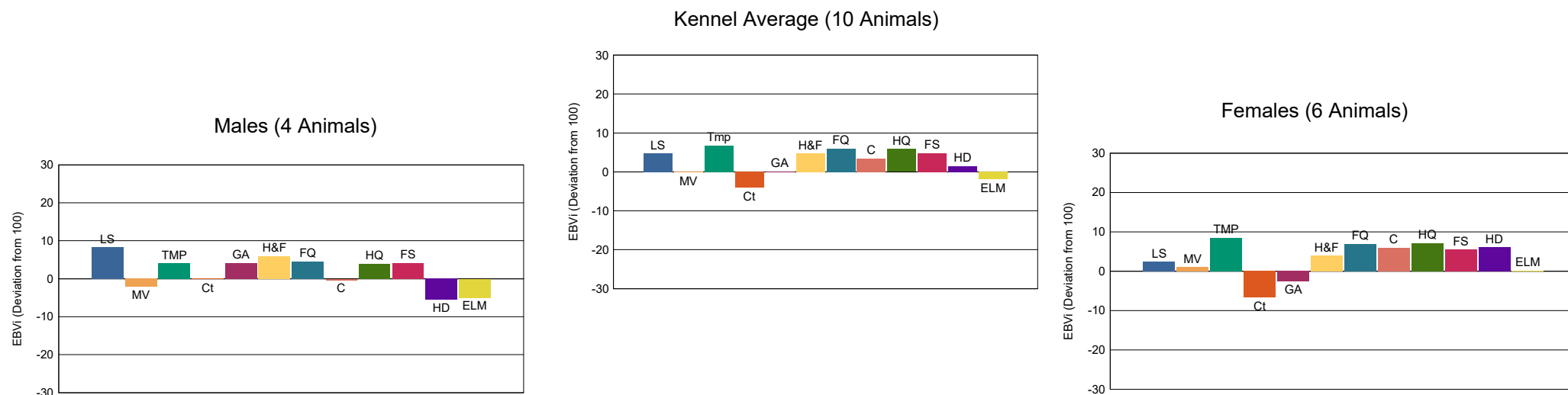
Genetic Trends: The Genetic Trends indicate the genetic change that occurred over time in the animals bred by the breeder compared to that of the breed. These are calculated as the average of the breeding values of all measured animals bred by the breeder, per year of birth.

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)	105	108	102
Movement (Mv)	100	98	101
Temperament (Tmp)	107	104	109
Coat (Ct)	96	100	93
General Appearance	100	104	98
Head & Face (H&F)	105	106	104
Front Quarter (FQ)	106	104	107
Centre (C)	103	100	106
Hind Quarter (HQ)	106	104	107
Final Score (FS)	105	104	105
Hip Health (HH)	101	95	106
Elbow Health (ELM)	98	95	100

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.

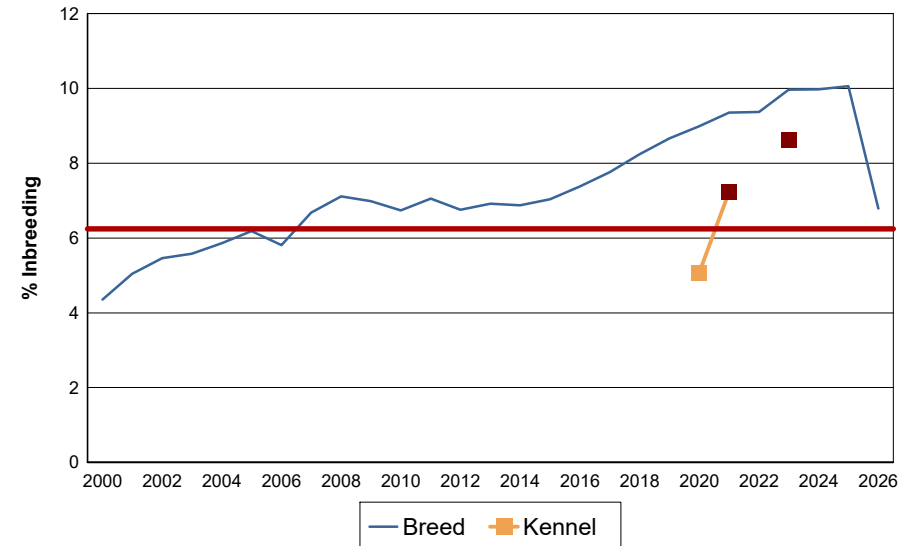
It is therefore highly recommended to record pedigree information as accurately. Inbreeding is dependent on pedigree information. Conventional methods for the calculation of inbreeding coefficients usually assume that unknown parents are unrelated, which is usually far from the truth. Inbreeding coefficients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

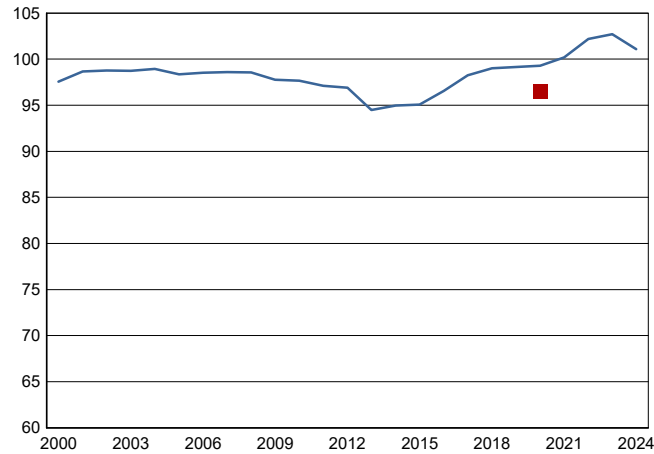


Inbreeding Levels

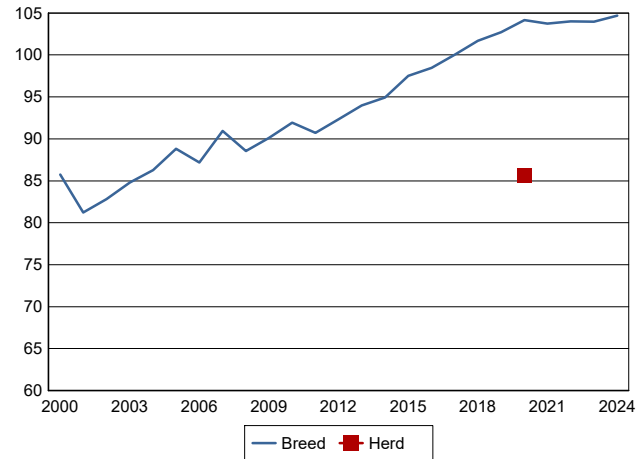
	All Animals		Males		Females		Sires		Dams	
	Kennel	Breed	Kennel	Breed	Kennel	Breed	Kennel	Breed	Kennel	Breed
Number	10	49007	4	25141	6	23857	8	3371	8	6287
Average Inbreeding	10.28	8.49	12.76	8.46	8.63	8.53	8.97	8.01	8.31	8.00
Number inbred	10	48727	4	24990	6	23728	8	24990	8	23728
Number >6.25% Inbr.	9	30600	4	15537	5	15058	8	15537	5	15058

Genetic Trends

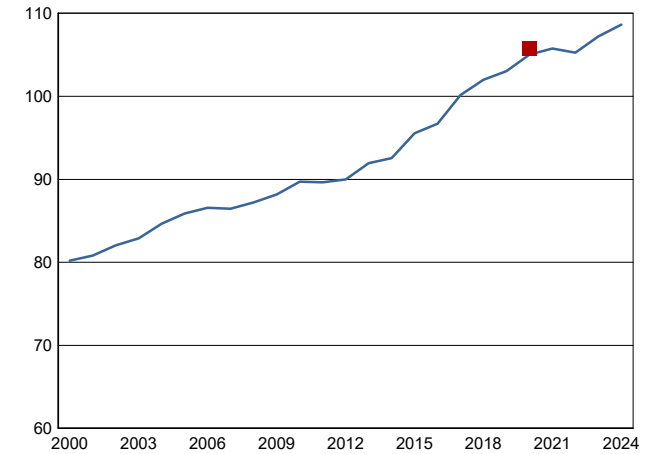
Litter Size



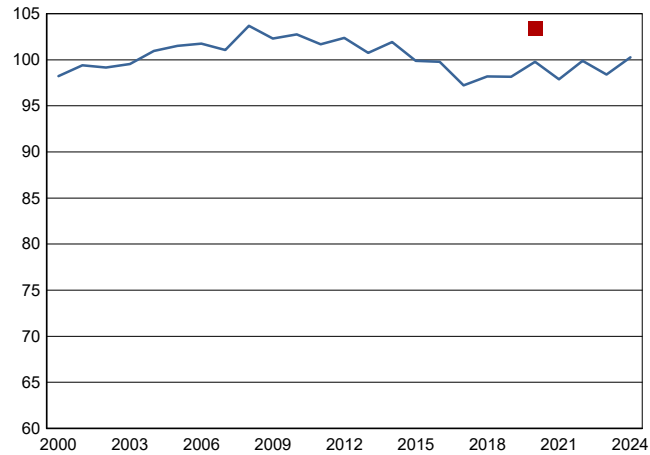
Movement



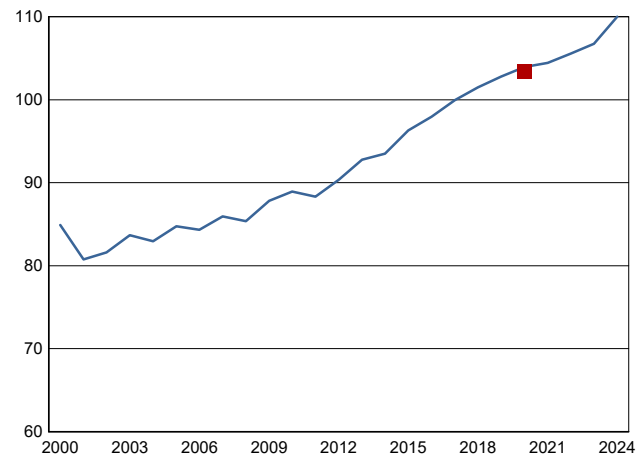
Temperament



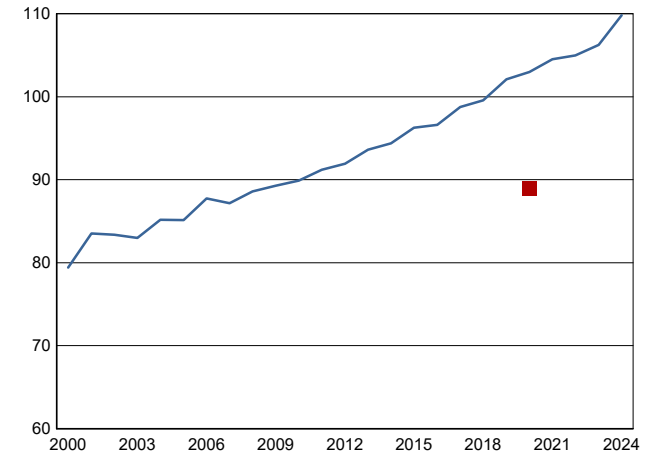
Coat



General Appearance

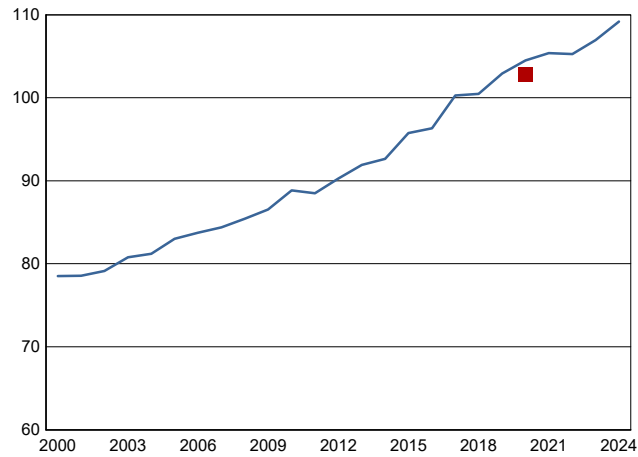


Head & Face

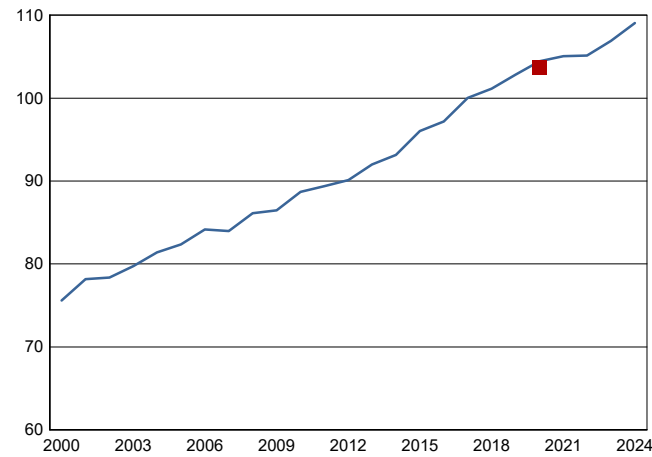


Genetic Trends

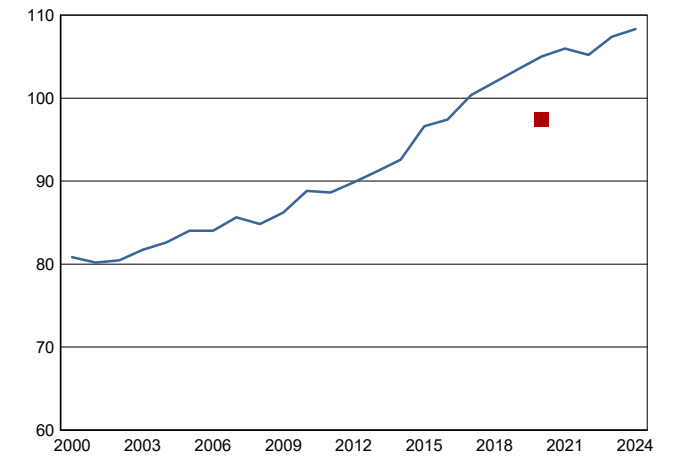
Front Quarter



Centre

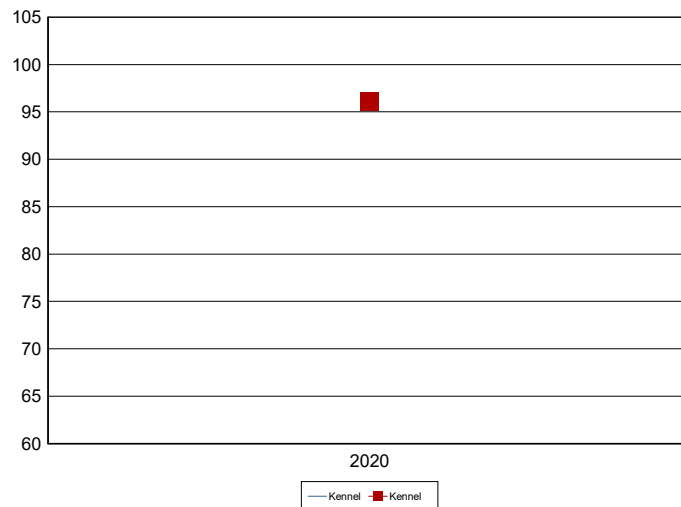


Hind Quarter

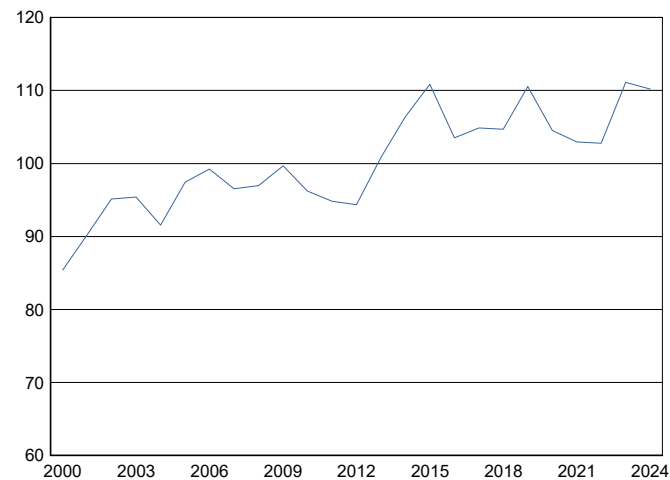


Final Score & Health Traits

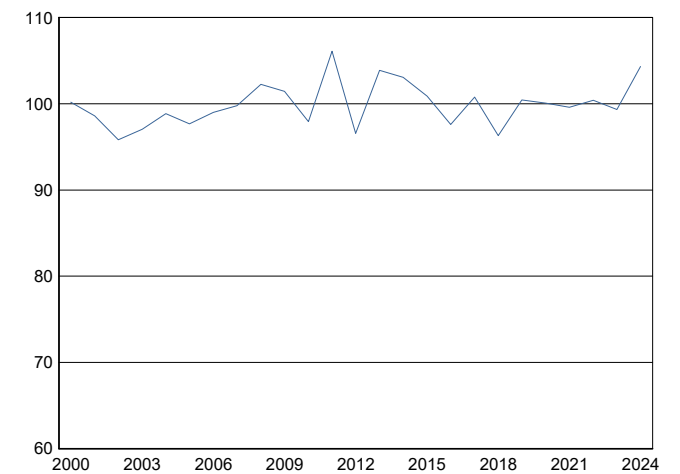
Final Score



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	
MATLIN YOYO MILAN		ELEVATION DIMSUM	10.88	103	90	98	106	114	77	96	123	117	104	109	113	3	1				
	2021	ANTWAIN WONDER		5	5	16	46	19	64	46	63	47	50	52	58						
BOSTU KLEIN BUKS (LIL KEED)		BOSTU DADDY COOL	13.98	74	95	137	105	96	112	104	86	74	90	115	96						
	2022	BOSTU ASHANTI		13	32	34	57	35	69	56	68	58	59	61	65						
LOL MORPHEUS		MATLIN YOYO MILAN	8.62	103	99	97	97	109	89	97	108	109	104	104	105						
	2023	LOL MALAIKA		5	5	5	20	5	34	19	33	21	23	25	30						
MES BLAZE		MES ESKOBAR	17.55	98	95	101	84	99	122	119	106	117	101	88	103						
	2024	MES MIEKI		5	5	13	45	11	62	35	61	46	48	51	56						

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	
LOL MALAIKA		CDH SEBASTIAAN	5.06	103	109	97	89	104	102	98	93	102	104	100	98	3	1				
	2020	SA EXTREME PUMA		5	5	12	30	5	42	30	42	31	33	35	39						
ROZEK MAXINE		MES MORPHEUS	10.13	111	105	126	104	102	113	90	118	110	109	118	116						
	2020	MES VANILLA		5	5	26	40	19	50	39	49	40	42	44	47						
PRIDE OF AFRICA MOTSHIDI		LA BOELA FORISTER	10.81	112	85	95	116	111	90	96	99	103	110	108	105						
	2021	VOLSPOED FINESSE		5	5	16	47	18	64	46	63	48	50	53	58						
KAMOZA MOANA		BLADVA SKYWALKER	8.51	104	104	102	103	117	77	107	97	108	105	109	103						
	2021	PRIDE OF AFRICA FREYA		5	5	5	41	7	58	40	57	42	44	47	52						
LOL MATSUMI		MATLIN YOYO MILAN	8.62	103	99	97	97	109	89	97	108	109	104	104	105						
	2023	LOL MALAIKA		5	5	5	20	5	34	19	33	21	23	25	30						
LOL MIMI		MATLIN YOYO MILAN	8.62	103	99	97	97	109	89	97	108	109	104	104	105						
	2023	LOL MALAIKA		5	5	5	20	5	34	19	33	21	23	25	30						

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		
LA BOELA FORISTER		MIDDELPOS BBD MAXIMUS I	8.11	123	98	95	106	97	100	100	88	91	103	109	98	21 4	10 8	1 1	5 2		
	2016	MIDDELPOS BBD KEENA		13	25	42	63	42	76	63	75	64	66	68	72						
MES MORPHEUS		MES MAC GYVER	7.10	106	107	110	117	113	100	95	128	115	120	117	123	23 6	3 3				
	2017	MES SERABI		5	23	40	60	39	72	59	72	60	62	64	68						
ELEVATION DIMSUM		ELEVATION DAX	6.54	102	93	84	114	120	78	111	128	122	109	106	117	44 10	11 9		9 4		
	2018	MES KATRYN		22	36	42	64	43	77	64	76	65	67	69	73						
BLADVA SKYWALKER		MES BUKA	7.49	102	113	88	94	112	82	112	101	109	104	101	102	15 4	6 6		1 1		
	2018	STEPHANO PENNY PINCHER		5	5	27	55	31	71	55	70	56	58	61	66						
BOSTU DADDY COOL		MES BITE A BULLET	7.38	61	87	117	95	117	99	139	112	91	119	114	115	197 28	69 32	16 16	43 6		
	2018	MES SHAKIRA		52	66	60	83	64	91	82	90	83	85	86	88						
CDH SEBASTIAAN		CDH SNIPER	14.14	115	113	84	102	124	103	106	104	125	122	121	117	25 6	6 6		3 3		
	2019	MIDDELPOS BBD MIKI		5	5	39	59	35	73	59	73	60	62	64	69						
MES ESKOBAR		MES MASCOT	10.16	99	100	97	89	102	111	105	106	116	104	102	106	6 1	2 2				
	2019	MES MACKLE		5	5	35	51	31	62	49	61	52	53	55	58						
MATLIN YOYO MILAN		ELEVATION DIMSUM	10.88	103	90	98	106	114	77	96	123	117	104	109	113	3 1					
	2021	ANTWAIN WONDER		5	5	16	46	19	64	46	63	47	50	52	58						

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	
SA EXTREME PUMA	2014	BOUWER DARTANIA	9.02	91	105	109	75	83	100	90	83	79	85	79	79	6	2	1			1
		BOUWER SHELA		5	5	16	32	5	46	31	45	33	35	37	42						
MES VANILLA	2017	MES ARNOLD 1	11.46	116	102	142	91	91	126	86	108	105	98	118	109	26	3	9			4
		MES MAXI		5	25	57	66	48	77	66	76	67	68	70	73						
ANTWAIN WONDER	2018	MES JAMBO	6.19	104	87	112	111	106	95	91	98	105	96	109	102	11	2	2			1
		GIANTS OF AFRICA ZION QUEEN		5	5	34	48	25	64	47	63	49	51	53	58						
MES MIEKI	2018	MES ARNOLD 1	10.26	97	90	104	105	115	109	122	107	122	115	112	115	10	2	8			4
		MES MIKA		5	18	51	64	41	78	63	77	65	67	69	73						
VOLSPOED FINESSE	2018	ELEVATION FINN	6.88	101	72	95	105	113	87	101	101	105	102	93	100	7	1	2			
		REGAL SUSSA		5	5	33	54	27	70	53	69	55	57	60	65						
BOSTU ASHANTI	2019	CABARET PAVAROTTI	12.13	87	102	158	115	95	108	80	72	86	77	106	85	33	3	20	1	2	7
		MES ALUSHKA		43	59	59	71	47	83	70	82	72	74	76	79						
PRIDE OF AFRICA FREYA	2019	LA BOELA COLT	5.51	105	94	116	102	110	88	107	96	101	102	109	102	9	4	2			
		AFRIKA CALISI		5	14	28	48	23	66	48	64	49	51	54	60						
LOL MALAIKA	2020	CDH SEBASTIAAN	5.06	103	109	97	89	104	102	98	93	102	104	100	98	3	1				
		SA EXTREME PUMA		5	5	12	30	5	42	30	42	31	33	35	39						

