

Boerboel Genetic Evaluation

SA Stud Book

February 2026

0 0 O.O. OGUNDARE
BLC 47 FEDERAL HOUSING
AUTHORITY SALOLO PHASE 1
LAGOS
NIGERIA



Kennel Number: 698355



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.

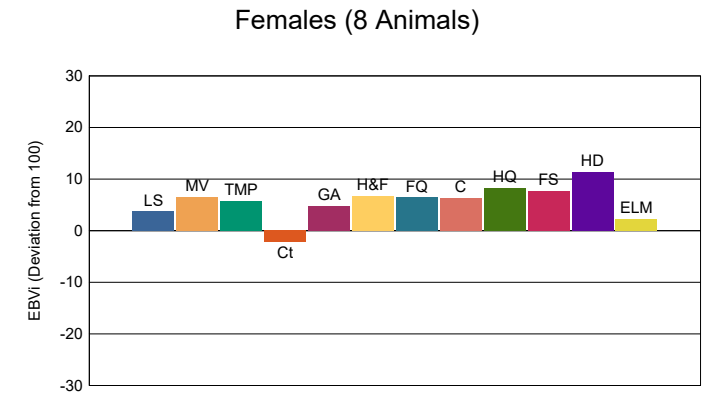
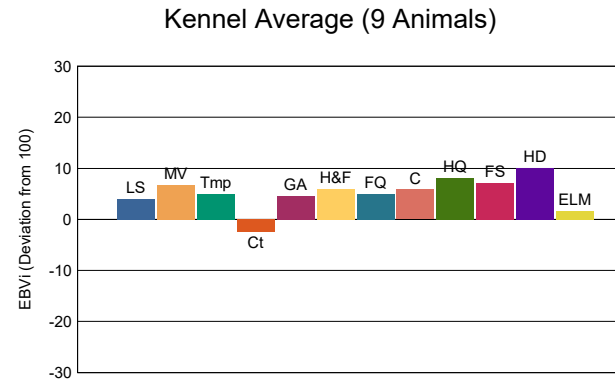
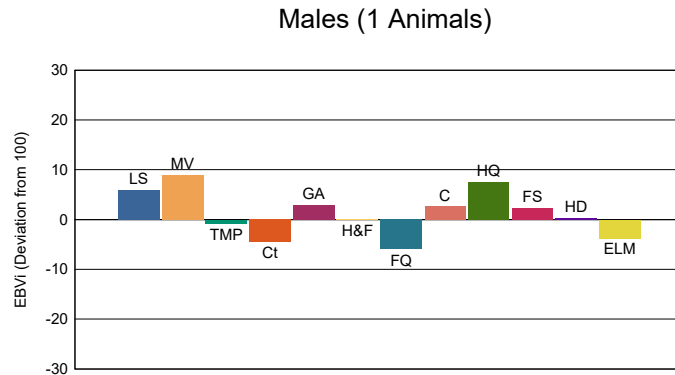
Genetic Trends: The Genetic Trends indicate the genetic change that occurred over time in the animals bred by the breeder compared to that of the breed. These are calculated as the average of the breeding values of all measured animals bred by the breeder, per year of birth.

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)	104	106	104
Movement (Mv)	107	109	107
Temperament (Tmp)	105	99	106
Coat (Ct)	98	96	98
General Appearance	105	103	105
Head & Face (H&F)	106	100	107
Front Quarter (FQ)	105	94	106
Centre (C)	106	103	106
Hind Quarter (HQ)	108	108	108
Final Score (FS)	107	102	108
Hip Health (HH)	110	100	111
Elbow Health (ELM)	102	96	102

Inbreeding

Notes

Inbreeding primarily leads to decreased fertility, low survivability of pups and low disease resistance.

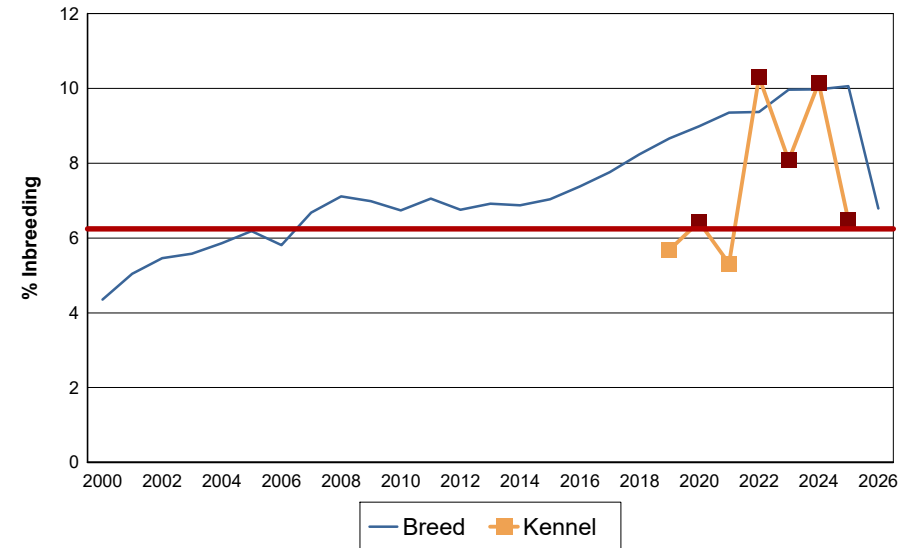
Inbreeding coefficients are calculated for all animals of the breed and indicates the probability that two genes of a pair are the same due to a common ancestor in the pedigree of the animal.

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.

Rate of Inbreeding



Inbreeding Levels for Specific Matings

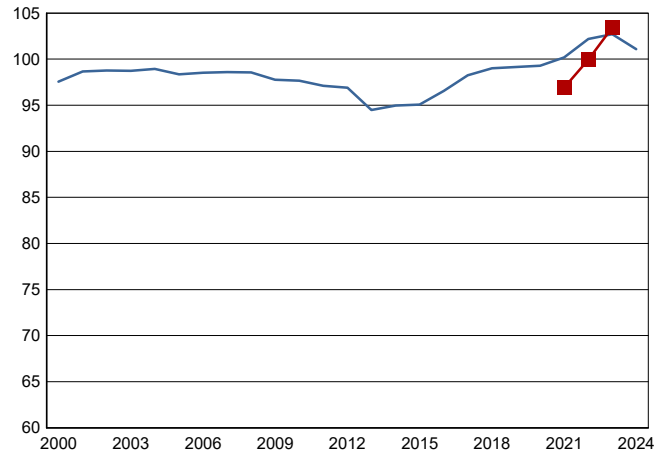
Progeny with Parents :	25%
Full Brother x Full Sister :	25%
Half Brother x Half Sister :	12.5%
One Common Grandparent :	6.25%
One Common Great-Grandparent :	3.125%

Inbreeding Levels

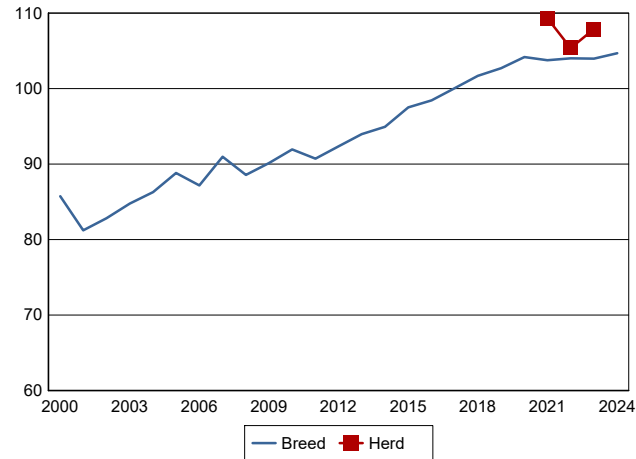
	All Animals		Males		Females		Sires		Dams	
	Kennel	Breed	Kennel	Breed	Kennel	Breed	Kennel	Breed	Kennel	Breed
Number	9	49007	1	25141	8	23857	9	3371	8	6287
Average Inbreeding	8.28	8.49	5.48	8.46	8.63	8.53	8.75	8.01	8.66	8.00
Number inbred	9	48727	1	24990	8	23728	9	24990	8	23728
Number >6.25% Inbr.	6	30600		15537	6	15058	6	15537	3	15058

Genetic Trends

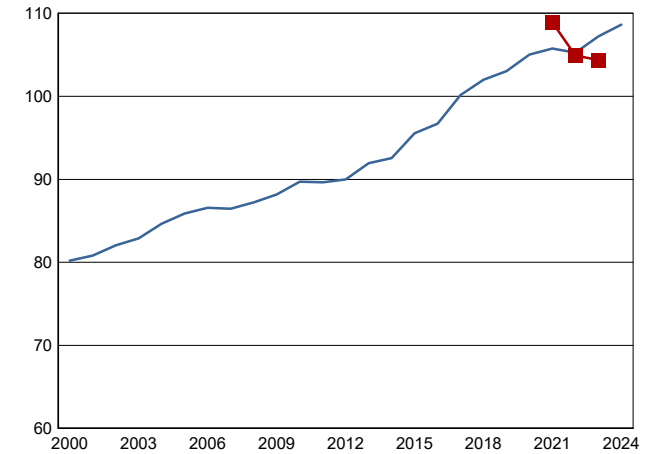
Litter Size



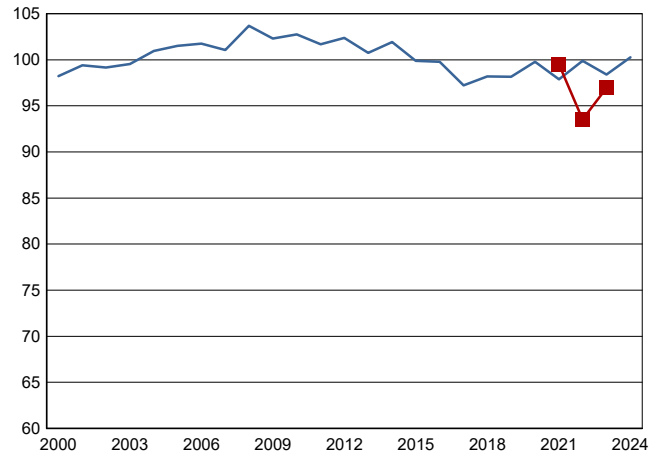
Movement



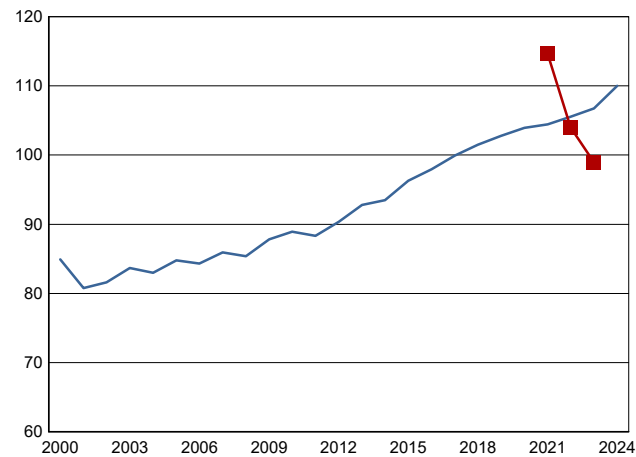
Temperament



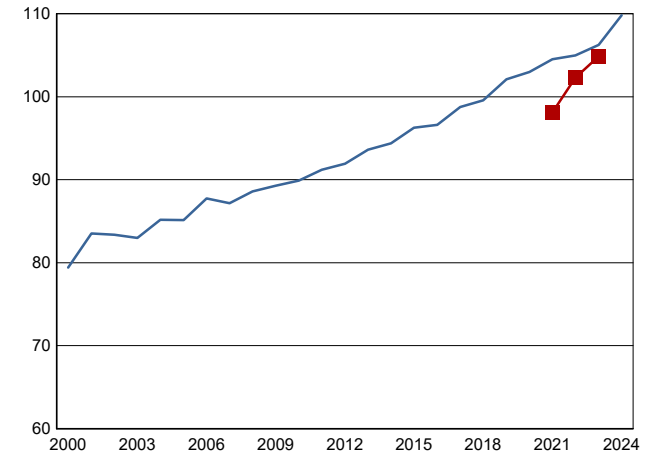
Coat



General Appearance

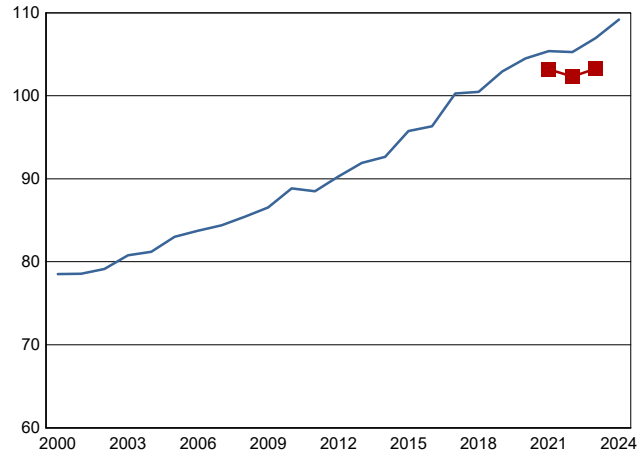


Head & Face

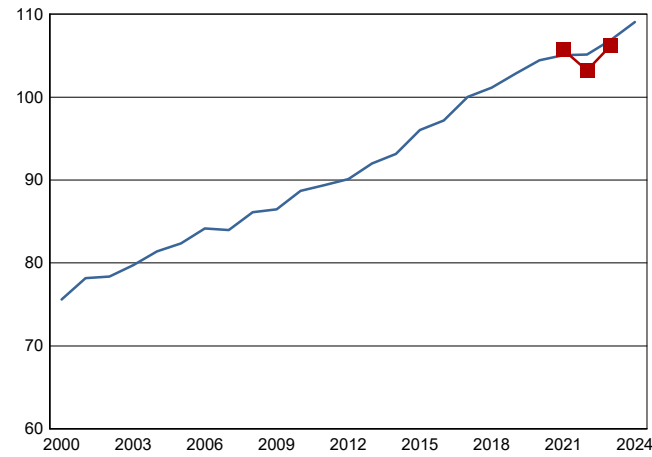


Genetic Trends

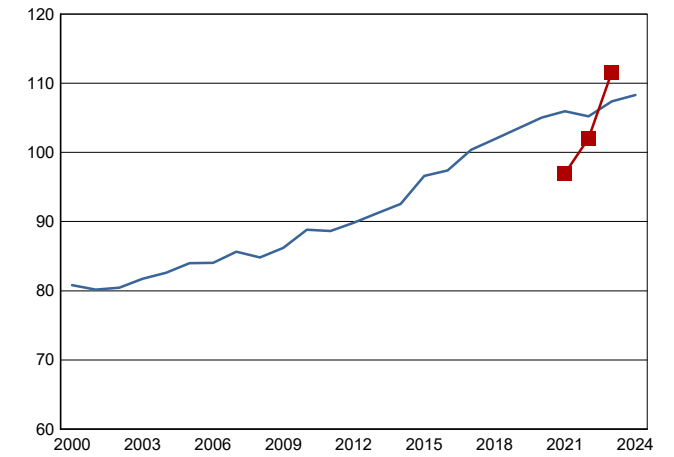
Front Quarter



Centre

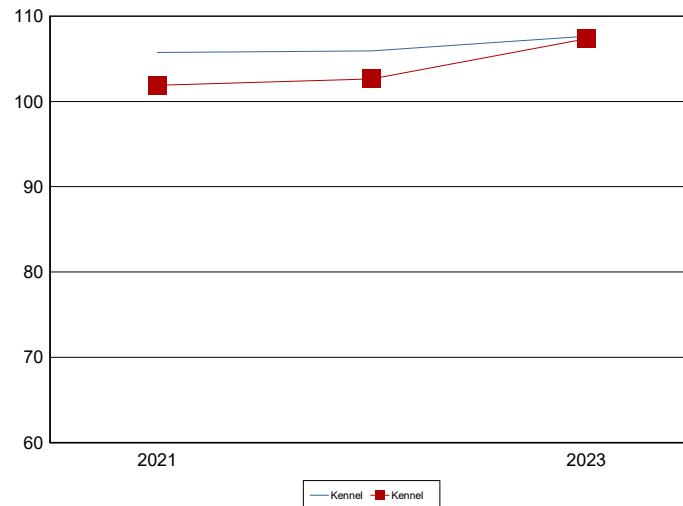


Hind Quarter

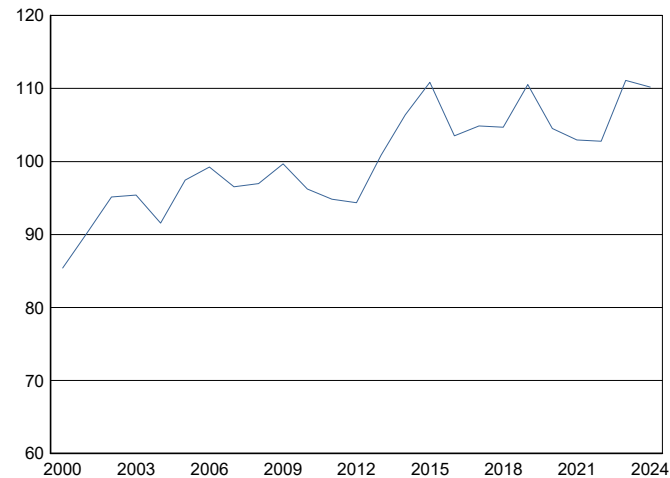


Final Score & Health Traits

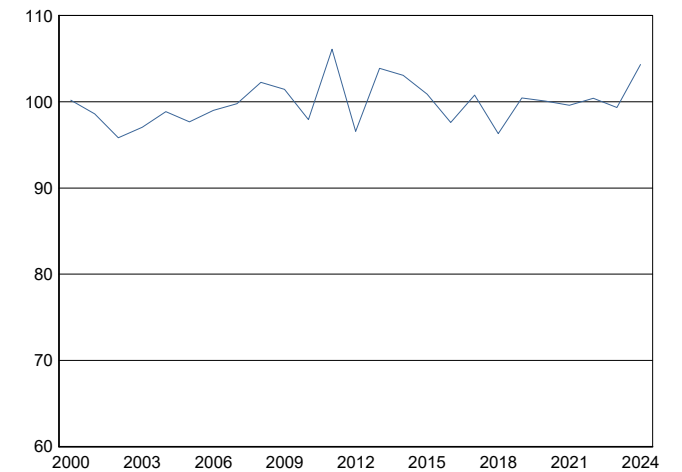
Final Score



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	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	
OMOHBULLER AJOKE HAVOC	KILIAN TAU		5.48	100	96	106	109	99	96	103	100	94	103	108	102						
	2023	LANDRE FERGIE		5	5	15	33	5	46	32	45	33	35	37	41						

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	
AFRIKA KD		AFRIKA RAMBOMAX	8.76	125	115	122	94	98	110	115	120	113	105	104	112	22	3	1			
	2019	AFRIKA BUKIE		25	39	48	55	33	69	55	68	56	58	60	64			1			
MES BERNICE		MES MAC GYVER	4.70	102	111	115	111	113	84	99	110	102	105	116	110	13	3	4			2
	2019	CABARET MANDIE		5	5	47	56	31	70	56	69	57	59	61	65			4			2
DAFFYS BRANDY		ELEVATION MAGNUS	12.33	108	89	94	107	115	94	118	101	105	106	107	106	9	3	5			
	2020	TOPBRED SAPPHIRE		5	5	35	39	18	51	38	50	40	41	43	47			5			
OMOHBULLER BEATRICE		BENETTON BOLT	5.85	109	93	97	109	109	100	115	98	103	106	97	102						
	2021	DAFFYS BRANDY		5	5	5	37	5	58	37	56	38	41	44	50						
OMOHBULLER AJOKE-AJOKE		AFRIKA BOETMAN	9.15	117	101	106	112	100	101	94	108	104	101	102	105						
	2022	LANDRE FERGIE		5	5	5	39	5	58	38	57	40	43	46	52						
OMOHBULLER SALOMY		BEESYMAN REDSTONE	7.33	109	99	96	101	97	99	84	103	103	107	112	105	1	1				
	2023	DAFFYS DIXIE		5	5	20	36	5	55	35	54	37	39	42	48						
ELEVATION HILDA		ELEVATION BROCK I	13.07	120	121	94	113	113	95	117	111	116	121	115	116						
	2023	ELEVATION ORCA		5	5	18	46	14	64	46	63	47	50	52	58						
OMOHBULLER ENERGY VIRUS		MES GUNNER	7.88	101	90	105	106	101	102		103	107	101	114	107						
	2024	FORTRESS HELENA		5	5	5	26	5	37		37	27	28	30	34						

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
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	with litters
MES MAC GYVER		AFRIKA MALABU	5.66	120	118	132	122	112	84	88	125	106	98	120	116	144	22	48	6	40
	2014	ZUBERI-ZURI DIDI		35	52	63	80	59	89	80	89	81	82	84	87		41	6	6	7
ELEVATION MAGNUS		GROENBERG BBD RAMBO	4.48	108	82	85	96	119	98	127	118	116	112	111	116	27	11	6		7
	2015	HAZENJACHT BBD FIELLA		33	42	55	67	52	76	66	76	67	68	70	73		6			6
AFRIKA RAMBOMAX		GROENBERG BBD RAMBO	5.19	124	88	112	107	114	91	122	123	113	119	102	117	134	16	24	11	25
	2016	AFRIKA GRETEL		56	68	65	76	57	85	75	84	76	78	79	82		23		11	5
BENETTON BOLT		GIANTS OF AFRICA MUFASA I	7.24	110	97	100	109	99	101	98	92	100	102	91	95	10	1	2		1
	2016	DEO-HAN BENETTON AMBER SKYE		5	5	7	29	5	46	29	45	30	33	35	41		2			1
KILIAN TAU		MES BITE A BULLET	7.09	82	83	111	105	98	95	108	103	93	102	101	101	9	2	5		2
	2018	KLEIN SANDFONTEIN GRACI		5	17	41	56	36	70	56	69	57	59	61	65		3			2
MES GUNNER		MES FELIX BOETA	14.37	103	98	126	107	96	95	83	102	104	93	116	103	15	7	4		1
	2020	MES CHLOE		5	5	33	54	32	66	54	65	55	57	58	62		4			1
AFRIKA BOETMAN		AFRIKA HUNTER I	14.52	115	93	112	99	103	85	104	128	116	104	91	109	20	9	9		3
	2020	AFRIKA GEMMA I		5	5	20	50	17	68	49	67	51	54	56	62		8			3
BEESYMAN REDSTONE		SKYVISION GEORGIA	7.03	111	95	99	106	103	106	92	117	116	112	116	116	18	4	5		2
	2021	TOKARA LULU		5	5	24	49	20	64	48	64	49	52	54	59		4			1
ELEVATION BROCK I		ELEVATION OTTO	13.20	128	128	82	96	114	90	127	136	127	129	108	125	26	5	4		2
	2021	ELEVATION NINA II		5	27	32	55	31	70	55	69	56	58	60	65		4			1

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	
CABARET MANDIE	2016	CABARET LABAMBA I	21.91	84	103	90	95	103	82	102	87	88	101	102	93	6	1	5			5
		CABARET MERCEDES		5	5	36	56	26	72	56	71	57	59	62	67			5			1
AFRIKA BUKIE	2017	MES BUKA	5.47	126	142	120	94	95	110	106	112	113	104	113	111	40	3	13	3	3	6
		AFRIKA RUBELS		46	61	57	66	41	79	65	78	66	68	71	75			10			1
TOPBRED SAPPHIRE	2018	MIDDELPOS BBD APOLLO 1	5.70	109	96	109	117	111	96	101	89	97	101	110	100	20	4	3			4
		AJOKE SAVUUTI		5	5	37	42	22	54	41	53	42	44	46	50			3			1
LANDRE FERGIE	2019	MIGHTY MUFASA V	5.37	119	109	101	113	101	96	98	97	95	104	114	104	8	2	5			2
		LANDRE MON-ANGEL		5	5	28	49	20	67	48	66	50	53	56	61			4			1
DAFFYS BRANDY	2020	ELEVATION MAGNUS	12.33	108	89	94	107	115	94	118	101	105	106	107	106	9	3	5			
		TOPBRED SAPPHIRE		5	5	35	39	18	51	38	50	40	41	43	47			5			
DAFFYS DIXIE	2021	BREKER EIKO	5.42	107	102	103	108	102	99	99	98	97	105	112	104	10	2	1			1
		TOPBRED SAPPHIRE		5	5	30	32	5	46	32	45	33	35	37	41			1			1
ELEVATION ORCA	2021	BOSTU BOCHELLI	6.85	112	115	106	130	113	109	105	97	115	115	119	113	25	4	5			3
		ELEVATION ZELDA		15	33	53	56	31	70	55	69	57	59	61	65			5			1
FORTRESS HELENA	2022	SKYVISION GEORGIA	6.21	99	81	84	105	106	109	110	104	109	109	113	110	1	1				
		SKYVISION SKYLER		5	5	11	34	5	46	56	45	35	37	39	42						

