

Boerboel Genetic Evaluation

SA Stud Book
February 2026

MR A.U.Y. USMAN
11 ALHAJA ELESHIN STREET
0
LAGOS
NIGERIA



Kennel Number: 677581



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.

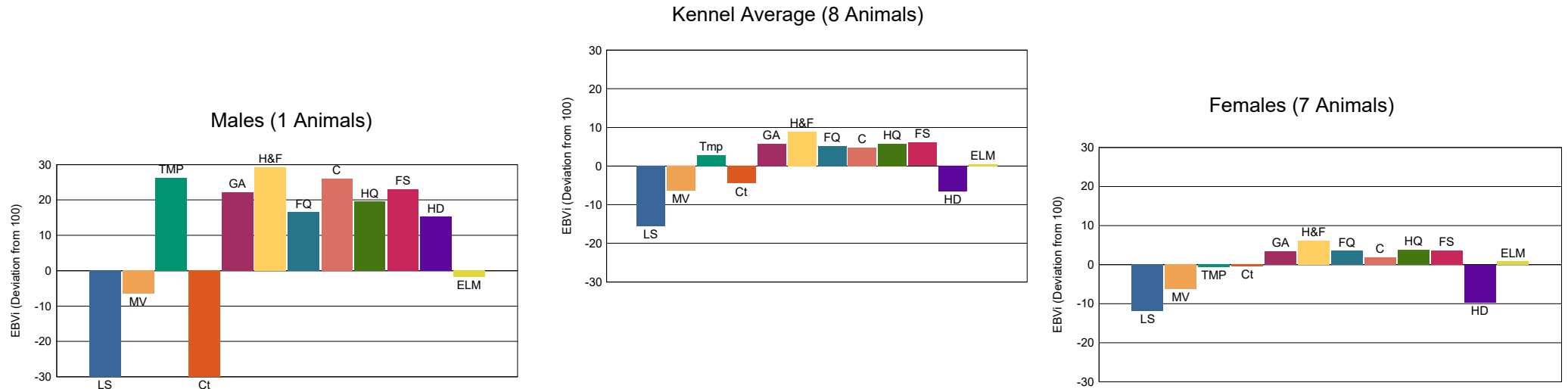
Genetic Trends: The Genetic Trends indicate the genetic change that occurred over time in the animals bred by the breeder compared to that of the breed. These are calculated as the average of the breeding values of all measured animals bred by the breeder, per year of birth.

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)	84	58	88
Movement (Mv)	94	94	94
Temperament (Tmp)	103	126	99
Coat (Ct)	96	68	100
General Appearance	106	122	103
Head & Face (H&F)	109	129	106
Front Quarter (FQ)	105	117	104
Centre (C)	105	126	102
Hind Quarter (HQ)	106	120	104
Final Score (FS)	106	123	104
Hip Health (HH)	93	115	90
Elbow Health (ELM)	101	98	101

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.

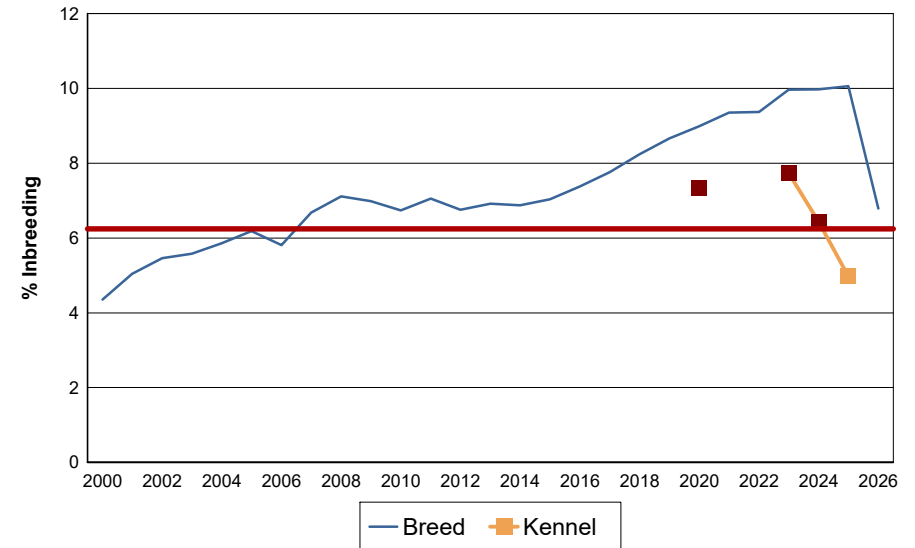
It is therefore highly recommended to record pedigree information as accurately. Inbreeding is dependent on pedigree information. Conventional methods for the calculation of inbreeding coefficients usually assume that unknown parents are unrelated, which is usually far from the truth. Inbreeding coefficients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

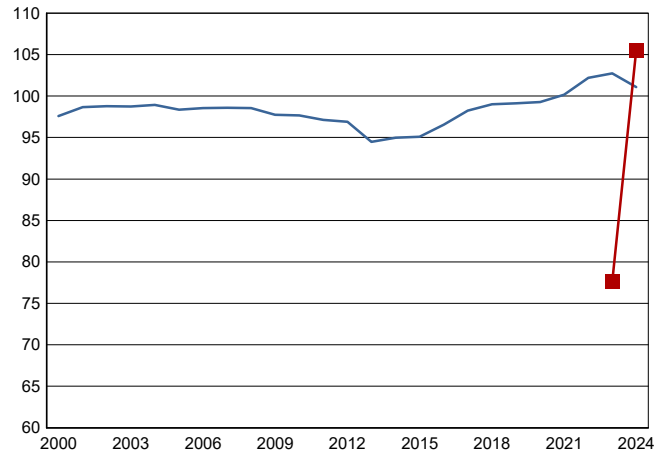


Inbreeding Levels

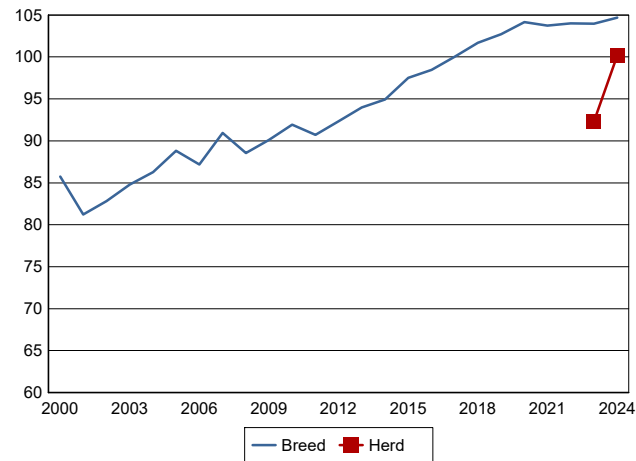
	All Animals		Males		Females		Sires		Dams	
	Kennel	Breed	Kennel	Breed	Kennel	Breed	Kennel	Breed	Kennel	Breed
Number	8	49007	1	25141	7	23857	7	3371	7	6287
Average Inbreeding	8.88	8.49	6.22	8.46	9.26	8.53	8.31	8.01	8.11	8.00
Number inbred	8	48727	1	24990	7	23728	7	24990	7	23728
Number >6.25% Inbr.	3	30600		15537	3	15058	3	15537	3	15058

Genetic Trends

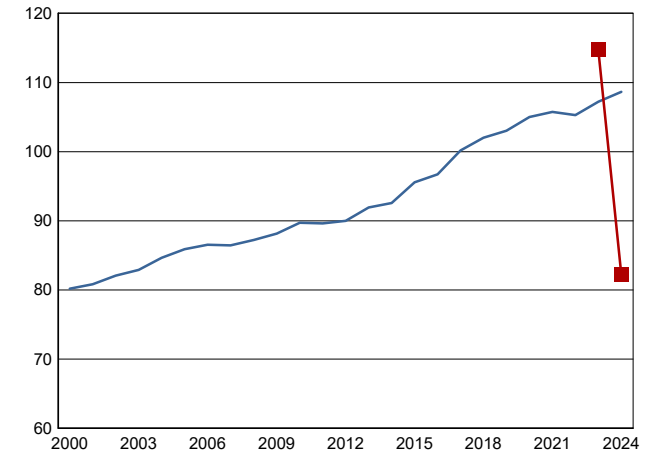
Litter Size



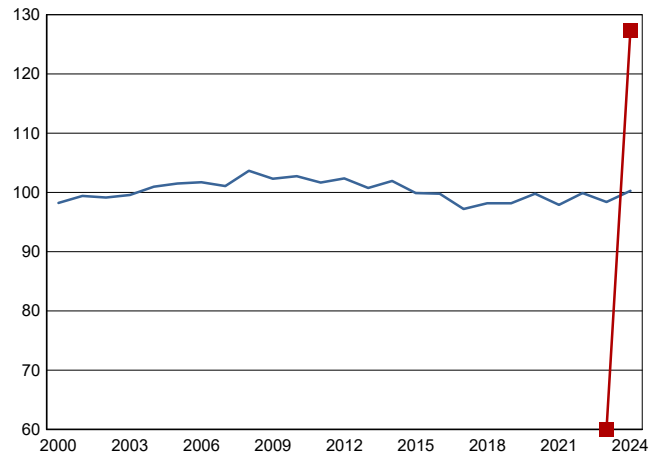
Movement



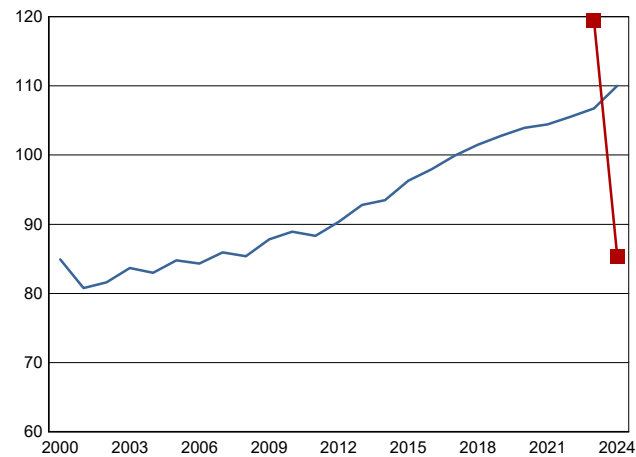
Temperament



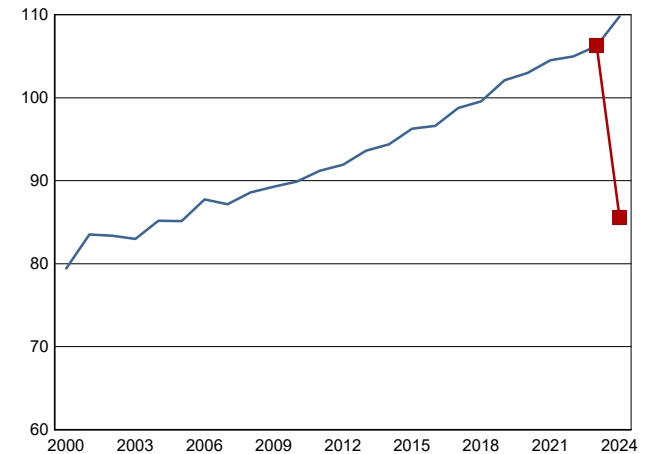
Coat



General Appearance

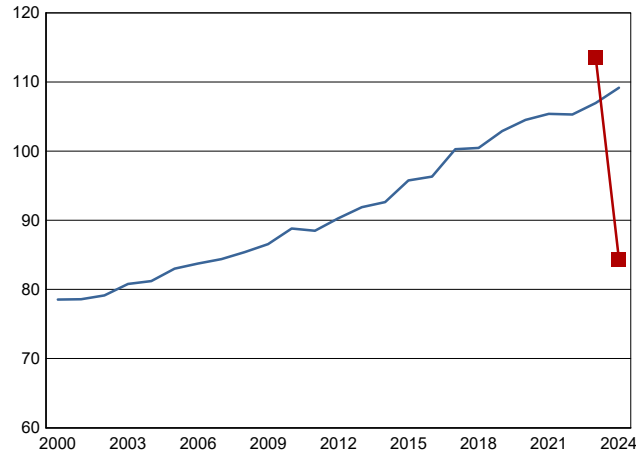


Head & Face

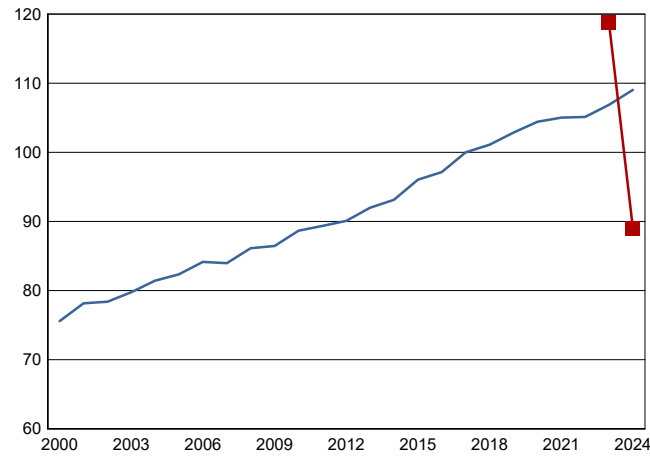


Genetic Trends

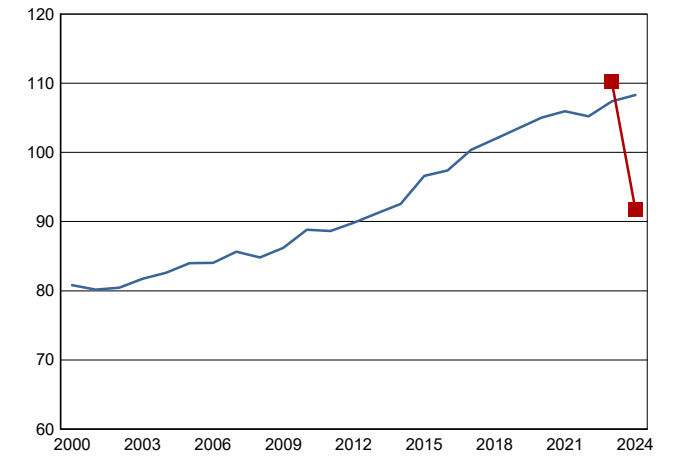
Front Quarter



Centre

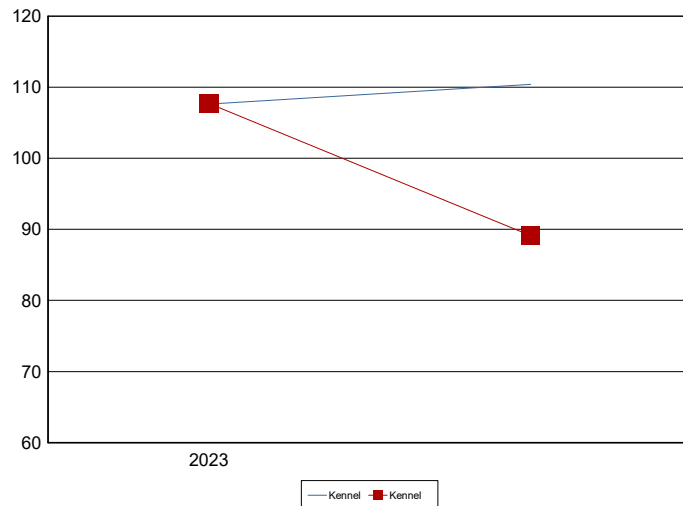


Hind Quarter

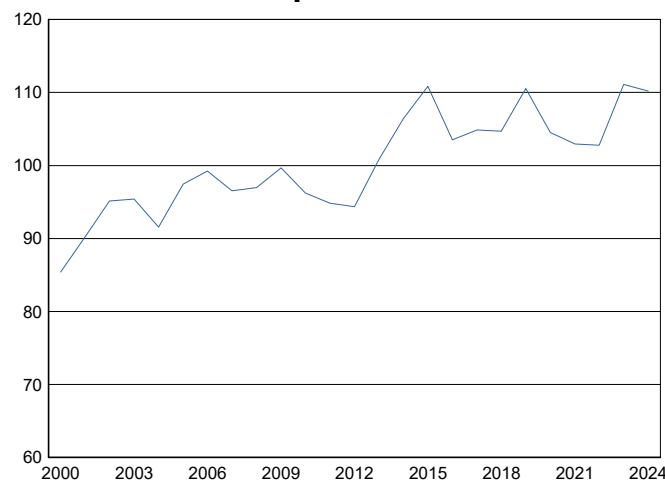


Final Score & Health Traits

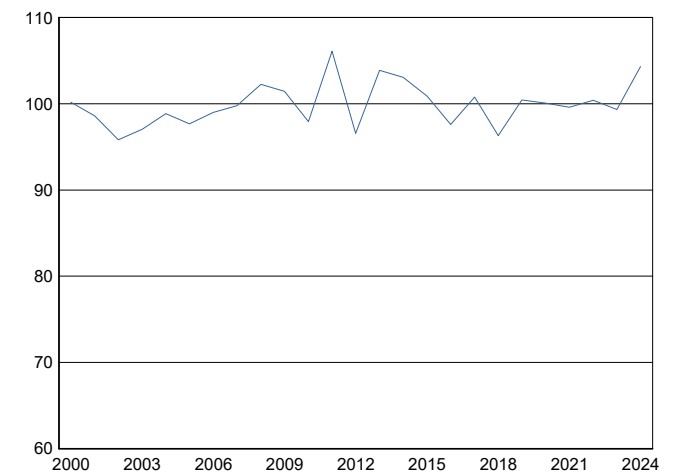
Final Score



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	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	
BOSTU SHOW GUN		BOSTU GUNSTON	6.22	115	98	58	94	126	68	122	129	117	126	120	123	26	6	5			5
	2020	ELEVATION PARIS HILTON		26	40	42	62	39	75	61	74	62	64	66	70			5			1

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	
ELEVATION VICKY	2018	ELEVATION OTTO	19.16	64	109	80	104	122	83	120	118	122	119	113	118	6	2	2 2			1
		ELEVATION ST CLAIRE		29	51	45	50	31	59	49	59	51	52	54	57						1
HERBERG ILA	2019	MAKULU LAANIE ROEPER	5.27	87	102	115	84	90	104	90	96	93	89	91	91	22	3	2 2			2
		KADIMA ZENA		5	5	37	51	24	67	50	66	52	54	57	62						1
ELEVATION LOLLA	2020	ELEVATION DJ	18.92	107	84	67	114	125	99	125	122	123	120	110	122						
		ELEVATION LUCA		5	26	27	43	15	54	43	53	44	45	47	51						
KADIMA TAURA	2020	BREKER FANUS	5.06	80	103	96	81	73	112	87	92	90	82	101	89	7	3	1 1			
		KADIMA TAURUS		5	5	40	55	31	69	55	68	56	58	60	64						
EXCELLENT MAXI SMALLIE	2024	BRIEL THE GHOST	6.43	99	106	106	99	86	119	93	94	91	95	93	94						
		REYDALL BONNIE 3		5	5	7	35	5	48	32	47	36	38	40	44						
EXCELLENT MAXI NALA	2025	BOSTU SHOW GUN	4.98	98	101	77	87	100	90		111	103	104	110	106						
		KADIMA TAURA		5	5	22	36	10	47		46	37	38	40	44						
EXCELLENT MAXI TAURA	2025	BOSTU SHOW GUN	4.98	98	101	77	87	100	90		111	103	104	110	106						
		KADIMA TAURA		5	5	22	36	10	47		46	37	38	40	44						

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	
MAKULU LAANIE ROEPER		MAKULU LAANIE DIMO	5.51	107	102	78	90	91	104	99	112	97	99	97	102	91 14	26 21	1 1		17 3
	2015	BREKER PATRYS		5	5	42	70	44	82	69	82	71	73	75	79					
ELEVATION OTTO		GROENBERG BBD RAMBO	4.48	95	105	77	107	125	95	128	127	121	128	123	128	80 14	38 31	4 4		24 10
	2016	HAZENJACHT BBD FIELLA		46	59	60	78	60	87	78	86	79	80	81	84					
BREKER FANUS		BREKER MENEER	15.68	97	107	76	68	71	92	94	111	102	92	104	98	151 21	41 38			27 7
	2017	BREKER BELLA		5	5	46	75	50	86	75	85	76	78	79	83					
BOSTU GUNSTON		CABARET SON OF A GUN	6.97	87	124	36	88	118	74	117	115	102	127	119	116	17 4	11 10	3 3		8 3
	2017	MES SHAKIRA		42	56	52	70	50	81	69	80	70	72	74	77					
ELEVATION DJ		ELEVATION PEPSI	14.35	123	96	63	123	121	92	130	121	110	118	107	118	70 15	21 20	4 4		14 4
	2018	ELEVATION IVY		37	56	45	67	44	78	66	78	67	69	71	75					
BOSTU SHOW GUN		BOSTU GUNSTON	6.22	115	98	58	94	126	68	122	129	117	126	120	123	26 6	5 5			5 1
	2020	ELEVATION PARIS HILTON		26	40	42	62	39	75	61	74	62	64	66	70					
BRIEL THE GHOST		WIESENHOF MENEER	4.99	91	107	114	103	96	129	107	107	104	108	96	107	93 16	21 13			14 4
	2020	ALESSANDRO BELLA		5	5	26	65	36	80	63	79	66	68	71	76					

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	
ELEVATION ST CLAIRE	2016	GROENBERG BBD RAMBO	5.78	84	102	73	108	117	94	109	110	121	110	103	110	10	2	7	2	2	4
		ELEVATION LISA		46	59	61	68	50	79	67	78	68	70	72	75			7			1
KADIMA ZENA	2016	MAXIPAL TROMPIE	4.15	68	101	148	90	90	101	82	79	87	80	85	80	42	3	10			6
		LINJO SPARKLE		5	5	44	57	29	73	56	72	57	60	62	68			9			1
ELEVATION LUCA	2017	ELEVATION COOPER	19.16	91	72	72	106	129	106	120	124	136	122	112	125	15	5	7	2	2	6
		ELEVATION ST CLAIRE		39	58	62	65	42	78	65	78	66	68	70	74			4			3
KADIMA TAURUS	2018	MAXIPAL TROMPIE	4.32	63	99	141	95	74	124	81	62	72	70	90	73	52	5	12			5
		KADIMA MA-DUECE		17	34	51	62	35	77	61	76	63	65	68	72			11			1
ELEVATION PARIS HILTON	2019	ELEVATION DAX	11.55	146	70	102	109	121	102	123	127	122	125	127	129	41	7	20	4	4	12
		BELBUSK KARMAH		47	63	65	72	50	84	72	83	73	75	77	80			12			1
KADIMA TAURA	2020	BREKER FANUS	5.06	80	103	96	81	73	112	87	92	90	82	101	89	7	3	1			
		KADIMA TAURUS		5	5	40	55	31	69	55	68	56	58	60	64			1			
REYDALL BONNIE 3	2022	BOUWER KOEVOET	6.77	108	104	97	96	77	110	80	81	78	82	90	82	9	1	3			
		HEINEMAN ROXY		5	5	31	41	11	56	37	55	42	44	46	51			3			

