

Boerboel Genetic Evaluation

SA Stud Book
February 2026

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NO 40 ELETA ELEBU
OLUYOLE EXTENSION IBADAN
OYO
NIGERIA



Kennel Number: 674541



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.

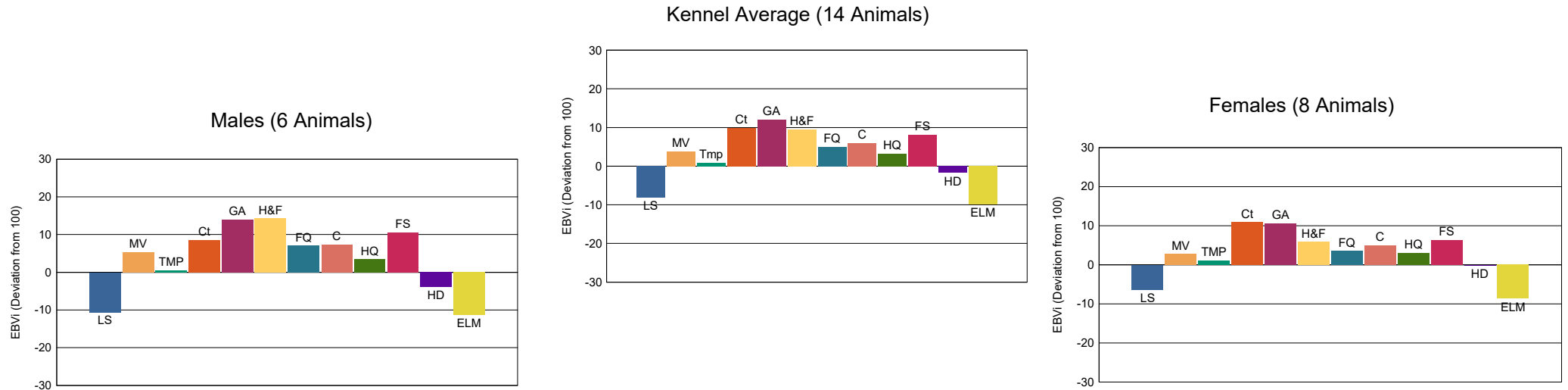
Genetic Trends: The Genetic Trends indicate the genetic change that occurred over time in the animals bred by the breeder compared to that of the breed. These are calculated as the average of the breeding values of all measured animals bred by the breeder, per year of birth.

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)	92	89	94
Movement (Mv)	104	105	103
Temperament (Tmp)	101	101	101
Coat (Ct)	110	109	111
General Appearance	112	114	111
Head & Face (H&F)	109	114	106
Front Quarter (FQ)	105	107	104
Centre (C)	106	107	105
Hind Quarter (HQ)	103	103	103
Final Score (FS)	108	111	106
Hip Health (HH)	98	96	100
Elbow Health (ELM)	90	89	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.

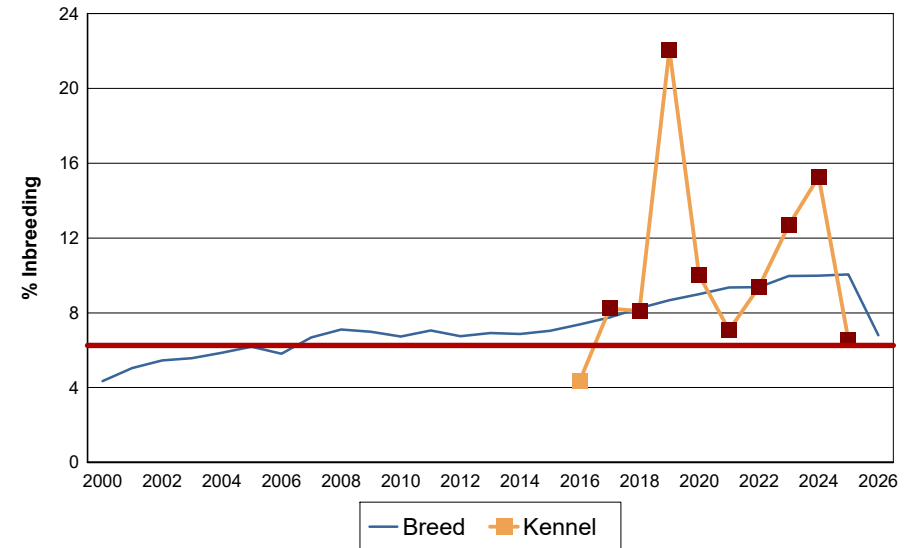
It is therefore highly recommended to record pedigree information as accurately. Inbreeding is dependent on pedigree information. Conventional methods for the calculation of inbreeding coefficients usually assume that unknown parents are unrelated, which is usually far from the truth. Inbreeding coefficients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

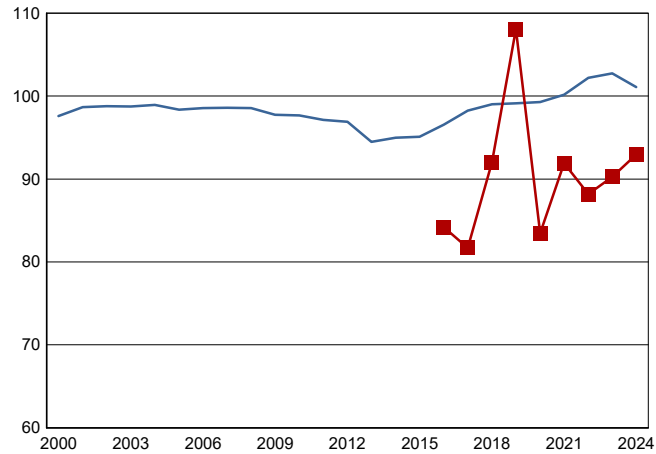


Inbreeding Levels

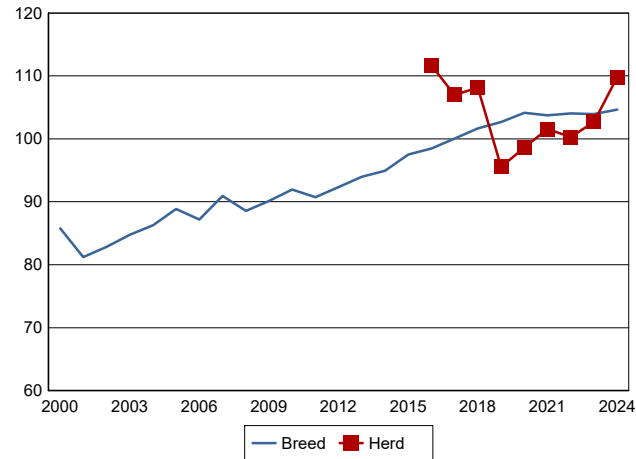
	All Animals		Males		Females		Sires		Dams	
	Kennel	Breed	Kennel	Breed	Kennel	Breed	Kennel	Breed	Kennel	Breed
Number	14	49007	6	25141	8	23857	6	3371	9	6287
Average Inbreeding	11.39	8.49	9.72	8.46	12.64	8.53	7.39	8.01	7.53	8.00
Number inbred	14	48727	6	24990	8	23728	6	24990	9	23728
Number >6.25% Inbr.	10	30600	5	15537	5	15058	1	15537	4	15058

Genetic Trends

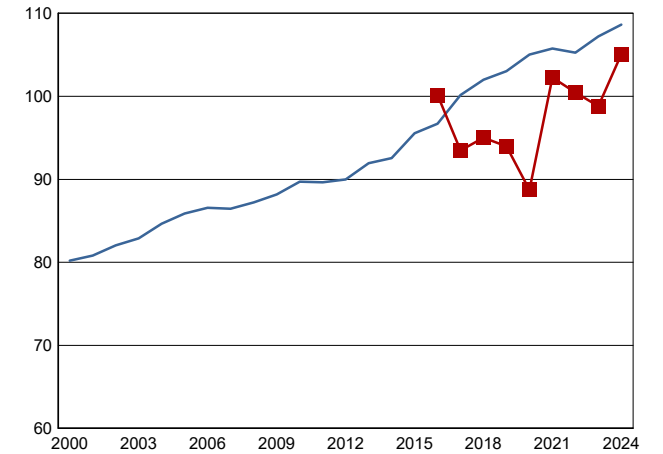
Litter Size



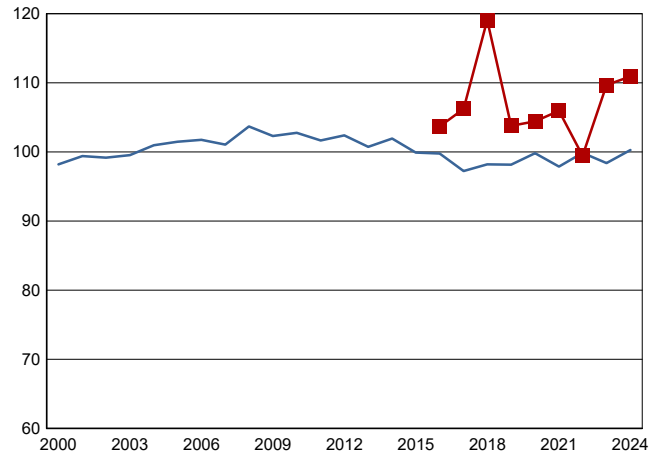
Movement



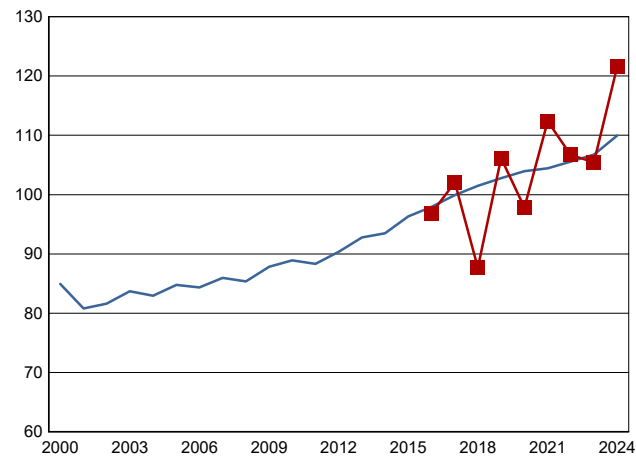
Temperament



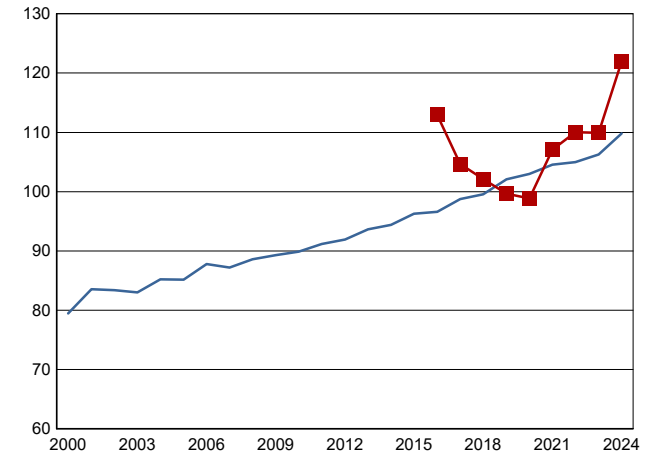
Coat



General Appearance

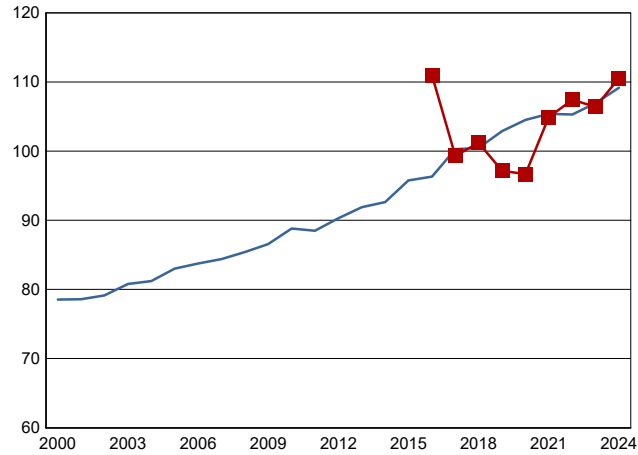


Head & Face

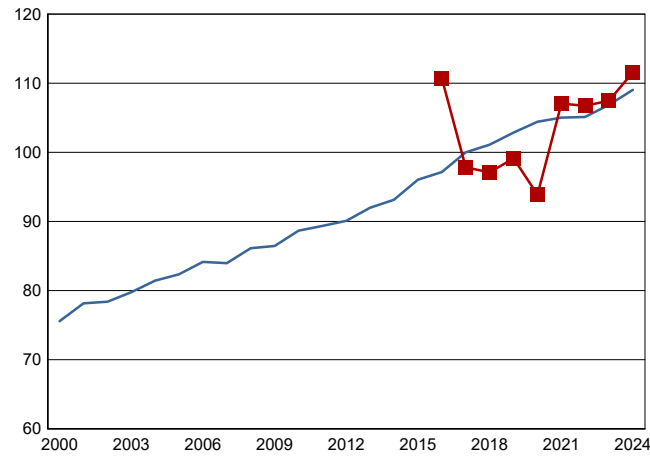


Genetic Trends

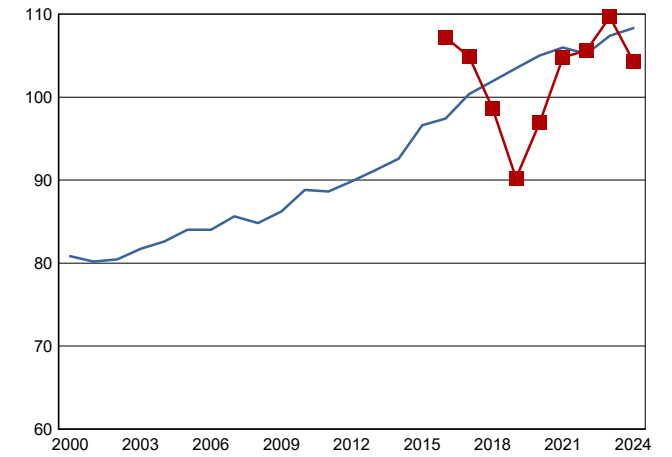
Front Quarter



Centre

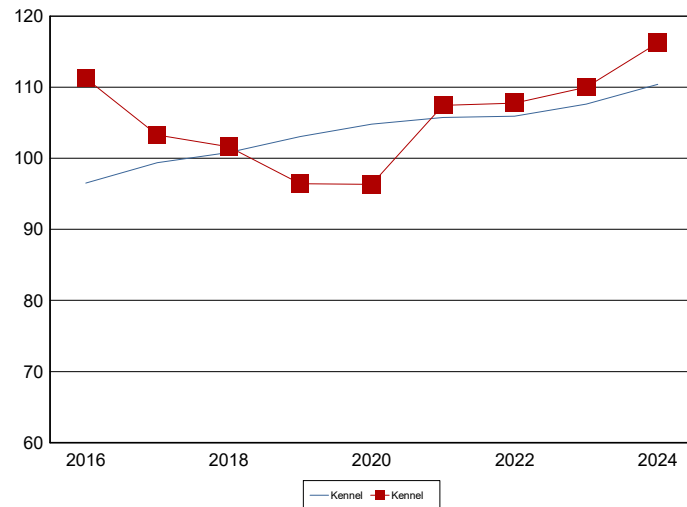


Hind Quarter

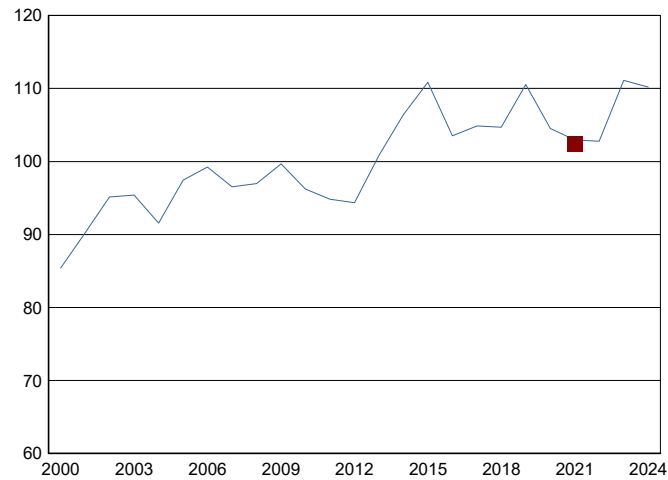


Final Score & Health Traits

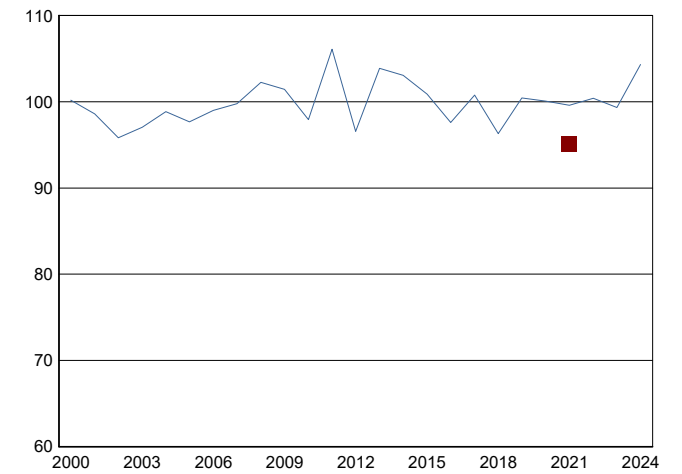
Final Score



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	
SKYVISION JACOB		SKYVISION GEORGIA	9.86	99	92	80	109	93	107	92	107	105	99	107	105						
	2020	GIANTS OF AFRICA CHEYENNE		5	5	26	37	5	51	37	50	38	40	42	46						
SKYVISION GEORGY		SKYVISION GEORGE	4.69	96	89	100	103	100	107	120	118	106	109	97	110	11	4	2			
	2021	ALEXANDER BBD ISABELLA		5	5	16	42	5	57	39	57	43	45	48	53			1			
SKYVISION FLOKI		SKYVISION GEORGIA	6.27	98	84	82	105	105	111	115	105	108	108	110	110						
	2021	MANSA BELVA		5	5	22	39	12	51	40	50	40	42	44	47						
SKYVISION RIO		SKYVISION GEORGY	12.88	93	88	88	106	101	107	118	114	103	110	104	111						
	2024	DURANO VERA		5	5	5	19	5	38	16	37	20	23	27	33						
SKYVISION REX 2		SKYVISION GEORGY	12.88	93	88	88	106	101	107	118	114	103	110	104	111						
	2024	DURANO VERA		5	5	5	19	5	38	16	37	20	23	27	33						
SKYVISION PHOENIX		SKYVISION GEORGY	11.75	97	91	98	102	104	112	121	128	117	108	99	116						
	2024	BIGMICHAEL MAMA		5	5	5	38	5	59	20	58	39	42	46	52						

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	
RHEV BEAST		GIANTS OF AFRICA SKY	5.02	106	101	89	96	92	106	87	83	95	88	98	89	1	1				
	2020	KENNELAJEEB LISA		5	5	9	29	5	43	28	43	30	32	34	39						
SKYVISION BELLE		KLEIN WITWAL BBD UNO	21.30	101	76	97	108	123	110	118	100	116	112	112	112						
	2020	MANSA BELVA		5	5	9	37	5	51	37	51	38	40	43	47						
SKYVISION PRINCESS 1		SKYVISION GEORGE	4.69	96	89	99	93	89	130	110	105	95	94	89	99	1	1				
	2021	ALEXANDER BBD ISABELLA		5	5	20	47	9	66	47	65	48	51	54	60						
SKYVISION VENUS		SKYVISION GEORGE	5.91	102	95	93	97	96	107	113	108	101	111	100	106	3	1	1			
	2021	ALEXANDER BBD OLORIOBA		5	5	20	36	5	50	35	49	36	39	41	45						
SKYVISION ZARA I		GIANTS OF AFRICA OMEGA	6.48	113	105	96	105	109	99	103	109	114	109	119	113	5	1	2			
	2021	SKYVISION CEECEE		5	5	31	46	18	64	45	63	47	49	52	58						
SKYVISION ALBERTA		SKYVISION GEORGY	12.88	93	88	88	117	106	110	122	116	104	115	110	116						
	2024	DURANO VERA		5	5	5	34	5	57	32	56	35	39	42	49						
SKYVISION MIA		SKYVISION GEORGY	12.88	93	88	88	106	101	107	118	114	103	110	104	111						
	2024	DURANO VERA		5	5	5	19	5	38	16	37	20	23	27	33						
SKYVISION HALIFAX		SKYVISION GEORGY	31.97	96	89	100	98	94	118	115	111	100	101	93	105						
	2024	SKYVISION PRINCESS 1		5	5	5	5	5	31	5	29	5	5	5	20						

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	
GIANTS OF AFRICA OMEGA		MIDDELPOS BBD ALPHA	6.07	126	113	101	106	119	55	90	108	116	120	133	115	57	12	12		13
	2015	GIANTS OF AFRICA BABA		11	20	51	65	43	78	64	77	65	67	69	74		10			6
GIANTS OF AFRICA SKY		GIANTS OF AFRICA OMEGA	5.32	113	101	92	104	99	96	83	87	103	96	110	96	87	19	19		16
	2017	GIANTS OF AFRICA ZARA		5	5	38	58	32	74	58	73	59	62	64	69		16			9
SKYVISION GEORGIA		GIANTS OF AFRICA HADES	4.44	97	87	77	107	94	111	106	113	107	110	116	113	89	18	37		22
	2017	LOWEN KLEIN WITWAL SAARTJIE		5	5	44	65	40	79	65	78	66	68	70	75		31			8
KLEIN WITWAL BBD UNO		MES RUBENSTEIN	4.80	101	70	107	114	129	109	111	104	122	116	120	118	46	12	20		15
	2017	SA SUPERIOR PEPSI		5	20	49	72	49	83	72	82	72	74	76	79		17			4
SKYVISION GEORGE		SKYVISION GEORGIA	19.01	100	85	86	102	96	122	115	113	103	105	106	111	62	14	14	1	1
	2019	SKYVISION AREWA		5	5	8	57	14	75	56	74	58	61	64	69		13			1
SKYVISION GEORGY		SKYVISION GEORGE	4.69	96	89	100	103	100	107	120	118	106	109	97	110	11	4	2		
	2021	ALEXANDER BBD ISABELLA		5	5	16	42	5	57	39	57	43	45	48	53		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	
GIANTS OF AFRICA CHEYENNE	2016	GIANTS OF AFRICA REDSKIN	10.32	101	97	83	111	91	104	79	101	103	89	98	97	16	5	5			2
		GIANTS OF AFRICA KIM		5	5	49	52	19	70	51	69	53	55	58	64			4			1
ALEXANDER BBD ISABELLA	2017	CABARET SIMBA 2	17.99	91	94	115	92	92	84	110	102	95	98	82	92	17	3	8			6
		HOREB ISABELLA		5	5	48	58	26	73	57	73	58	61	63	68			8			3
MANSA BELVA	2018	ELEVATION MAGNUS	5.62	100	81	87	103	116	111	124	97	110	107	105	107	18	3	5			4
		SA SUPERIOR PEPSI		5	5	44	56	32	72	56	71	57	59	61	66			3			1
KENNELAJEEB LISA	2018	RODEON BOERBOELE CHUCK	4.67	98	101	87	89	85	116	91	79	86	80	85	82	5	2	1			1
		NORRIS KENNELAJEEB PEE-PEE		5	5	20	35	5	55	34	54	36	39	42	48			1			1
ALEXANDER BBD OLORIOBA	2019	LANDRE MAX	6.93	105	105	92	93	97	91	111	103	99	117	94	101	10	2	2	1	1	3
		BOSTU LIANIE		5	5	41	55	29	71	55	70	56	58	61	65			2			1
BIGMICHAEL MAMA	2019	SKYVISION ZIRUS	6.38	99	93	95	100	95	110	99	100	101	91	99	99	18	5	9			1
		STEGO VERA		5	5	22	49	17	67	46	66	50	52	55	61			8			1
SKYVISION CEECEE	2020	SKYVISION GEORGIA	5.48	101	97	87	107	96	129	103	99	104	98	107	105	3		2			1
		GIANTS OF AFRICA KATE I		5	5	26	38	6	53	38	52	39	41	44	48			2			1
SKYVISION PRINCESS 1	2021	SKYVISION GEORGE	4.69	96	89	99	93	89	130	110	105	95	94	89	99	1	1				
		ALEXANDER BBD ISABELLA		5	5	20	47	9	66	47	65	48	51	54	60						
DURANO VERA	2022	SKYVISION GEORGIA	5.65	90	87	76	109	101	108	115	110	100	111	110	111	9	3	1			
		IWINOSA BO		5	5	23	44	13	62	42	61	45	47	50	56			1			

