

Boerboel Genetic Evaluation

SA Stud Book
February 2026

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STAMPRIET

22004



Kennel Number: 698909



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.

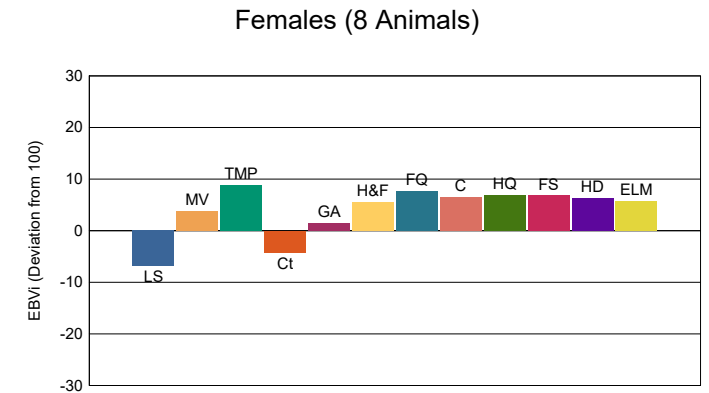
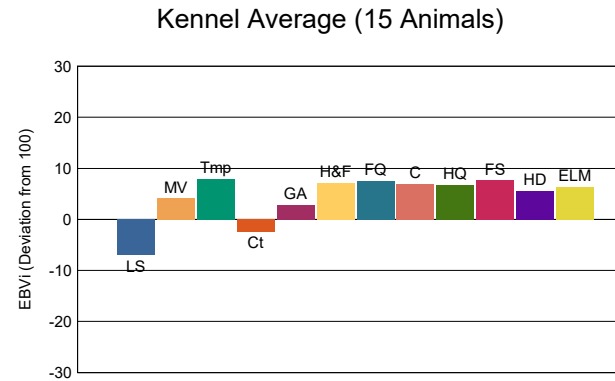
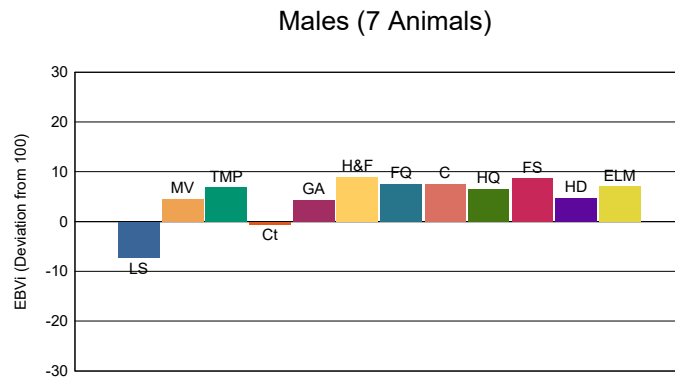
Genetic Trends: The Genetic Trends indicate the genetic change that occurred over time in the animals bred by the breeder compared to that of the breed. These are calculated as the average of the breeding values of all measured animals bred by the breeder, per year of birth.

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)	93	93	93
Movement (Mv)	104	104	104
Temperament (Tmp)	108	107	109
Coat (Ct)	98	99	96
General Appearance	103	104	101
Head & Face (H&F)	107	109	106
Front Quarter (FQ)	108	107	108
Centre (C)	107	108	107
Hind Quarter (HQ)	107	107	107
Final Score (FS)	108	109	107
Hip Health (HH)	106	105	106
Elbow Health (ELM)	106	107	106

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.

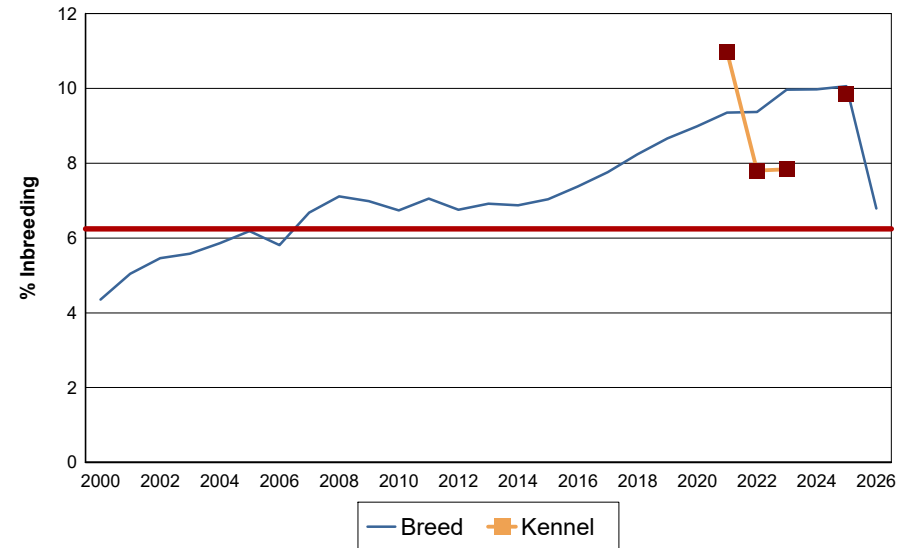
It is therefore highly recommended to record pedigree information as accurately. Inbreeding is dependent on pedigree information. Conventional methods for the calculation of inbreeding coefficients usually assume that unknown parents are unrelated, which is usually far from the truth. Inbreeding coefficients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

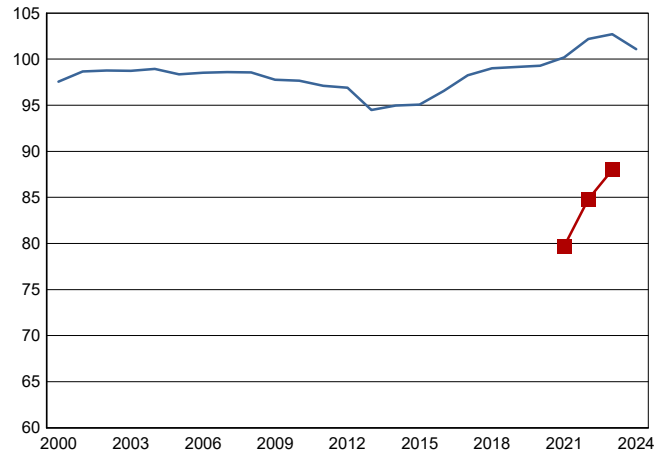


Inbreeding Levels

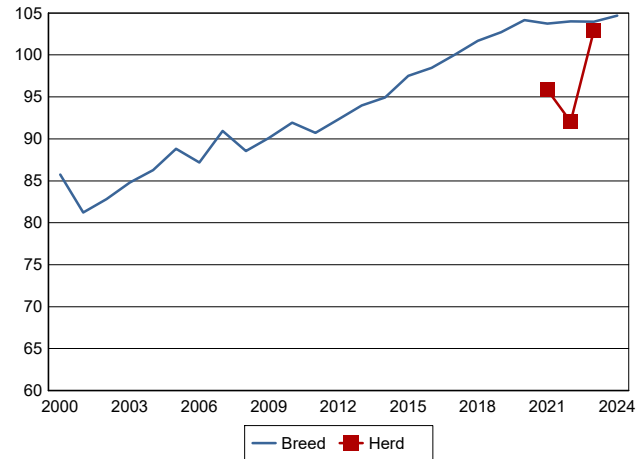
	All Animals		Males		Females		Sires		Dams	
	Kennel	Breed	Kennel	Breed	Kennel	Breed	Kennel	Breed	Kennel	Breed
Number	15	49007	7	25141	8	23857	7	3371	8	6287
Average Inbreeding	9.23	8.49	8.40	8.46	9.95	8.53	8.73	8.01	10.15	8.00
Number inbred	15	48727	7	24990	8	23728	7	24990	8	23728
Number >6.25% Inbr.	14	30600	6	15537	8	15058	5	15537	6	15058

Genetic Trends

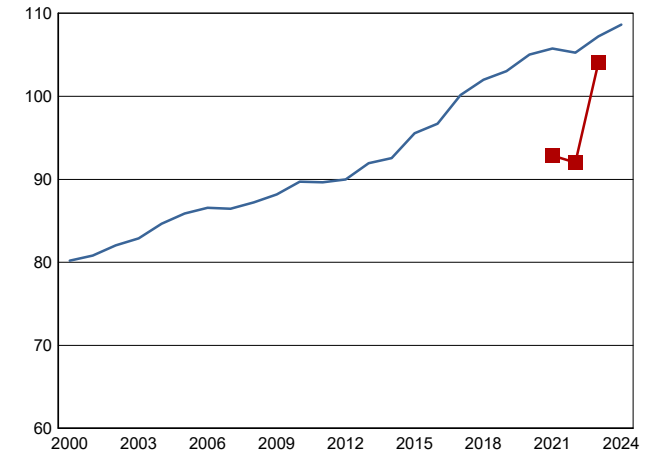
Litter Size



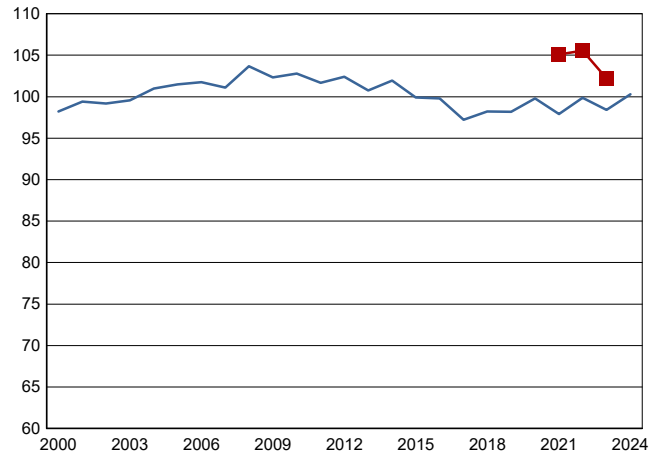
Movement



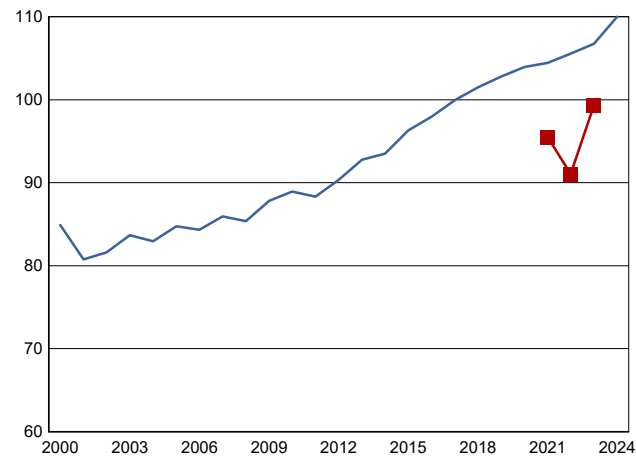
Temperament



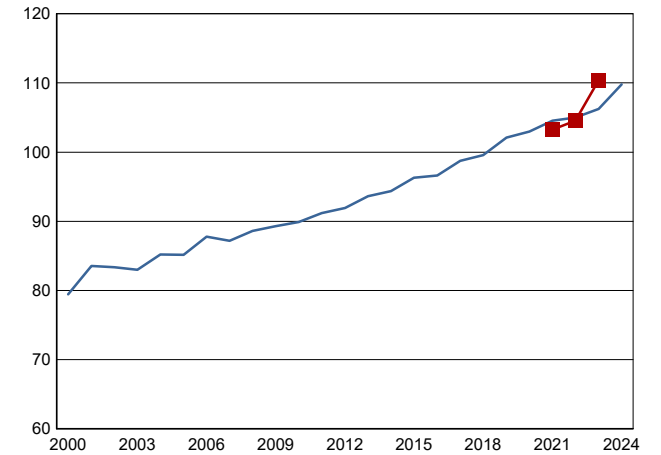
Coat



General Appearance

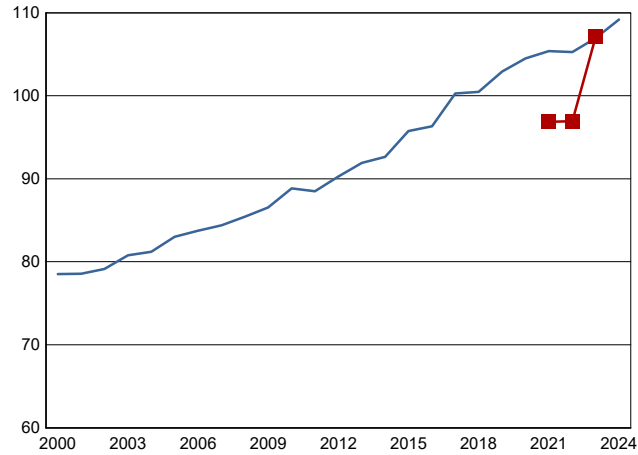


Head & Face

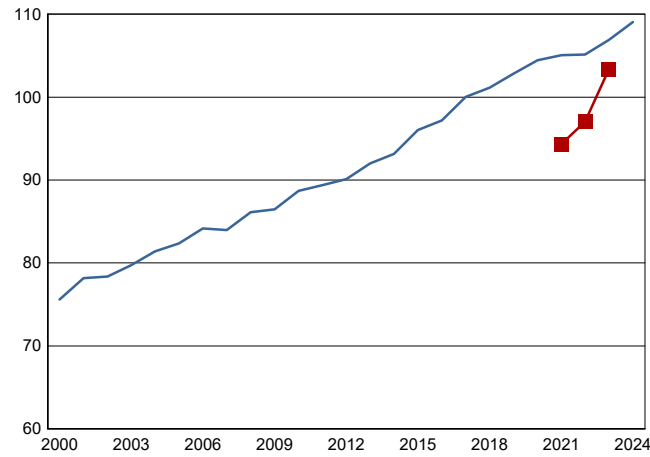


Genetic Trends

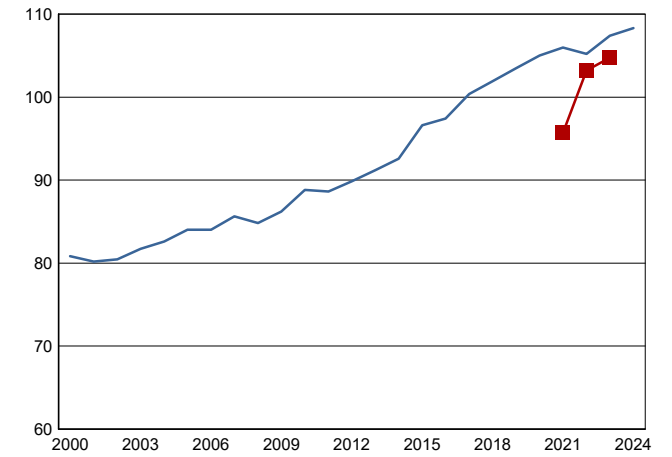
Front Quarter



Centre

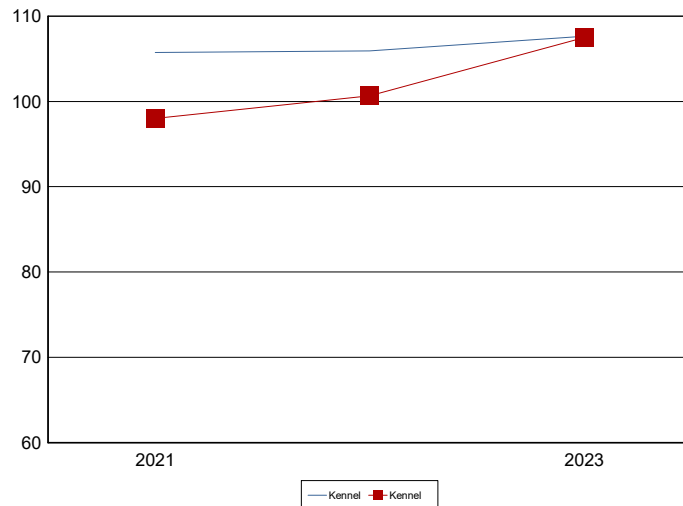


Hind Quarter

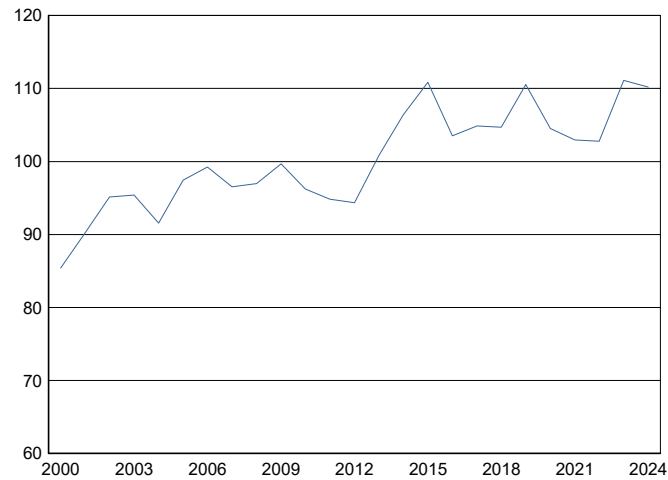


Final Score & Health Traits

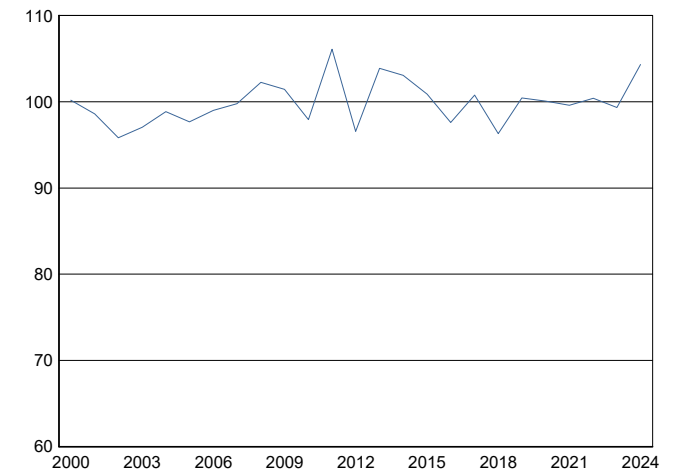
Final Score



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	%	Hips	Elbows	Litter Size	Move-	Tempe-	Coat	General	Head &	Front	Centre	Hind	Final	Progeny	Litters	Progeny	Hips	Elbows	
BYr	Dam		Acc.	Acc.	Acc.	ment	rament		Appear.	Face	Quarter		Quarter	Score			Kennels			
MIGHTY PHOENIX	KLEIN SANDFONTEIN BRADY	6.17	114	104	98	100	101	104	100	112	106	103	103	107	18		4			
	2020 MIGHTY ZARA I		5	5	16	44	15	61	44	60	45	48	50	56						
KALAHARI PRIDE BLANCO	MIGHTY PHOENIX	7.80	104	98	85	87	90	108	89	105	97	97	103	100						
	2022 BJL RUAH		5	5	5	36	5	57	35	55	37	40	43	50						
ELEVATION HACHIKO	ELEVATION HERBY	11.50	102	132	102	116	115	84	119	104	104	120	114	112	14	1				
	2023 ELEVATION CAPPUCINO		5	19	16	47	17	64	47	63	48	50	53	58						
KALAHARI PRIDE DRICUS	KALAHARI PRIDE REMBRANDT	7.86	103	100	90	107	114	104	108	120	119	112	110	117						
	2023 LOMBARD SUPERIOR RUBY		5	5	5	33	5	53	32	52	34	37	40	46						
KALAHARI PRIDE MANIE PACO	KALAHARI PRIDE REMBRANDT	7.86	103	100	90	109	109	104	102	104	109	105	105	107						
	2023 LOMBARD SUPERIOR RUBY		5	5	5	33	5	53	32	52	34	37	40	46						
KALAHARI PRIDE ZAVIER	KALAHARI PRIDE REMBRANDT	7.86	103	100	90	104	109	103	103	109	111	105	105	109						
	2023 LOMBARD SUPERIOR RUBY		5	5	5	23	5	37	22	37	24	26	28	33						
KALAHARI PRIDE VINCENT	ELEVATION HACHIKO	9.79	103	116	96	108	111	89	111	109	108	111	105	109						
	2025 KALAHARI PRIDE MICAH		5	5	5	17	5	34	17	33	18	21	24	29						

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 Progeny	Litters Litters	Progeny Kennels	Hips Elbows	Progeny with litters
BJL RUAH	2019	NAMIBWAGTER KRATOS	13.06	94	92	72	93	88	102	86	96	89	93	104	95	15	1	6		1
		BJL ZENDRA		5	5	5	32	5	54	31	52	33	36	40	47					
LOMBARD SUPERIOR RUBY	2021	KADOS TEXAS	10.13	113	107	100	110	123	103	108	112	123	115	113	117	9		4		1
		JAMBAL DONNA		5	5	29	53	28	67	53	66	54	56	58	62					
LOMBARD SUPERIOR AMBER	2021	KADOS TEXAS	10.13	113	107	100	103	113	90	96	99	108	107	109	104	7				
		JAMBAL DONNA		5	5	29	53	28	67	52	66	54	56	58	62					
KALAHARI PRIDE GABBY	2023	KALAHARI PRIDE REMBRANDT	7.86	103	100	90	106	109	104	102	110	109	106	110	111					
		LOMBARD SUPERIOR RUBY		5	5	5	33	5	53	32	52	34	37	40	46					
KALAHARI PRIDE MICAH	2023	KALAHARI PRIDE REMBRANDT	7.86	103	100	90	100	106	94	104	113	111	102	97	106	12	1			
		LOMBARD SUPERIOR RUBY		5	5	5	33	5	53	32	52	34	37	40	46					
KALAHARI PRIDE HADASSAH	2025	ELEVATION HACHIKO	11.43	108	120	101	109	114	87	107	101	106	114	111	108					
		LOMBARD SUPERIOR AMBER		5	5	5	28	5	41	27	40	29	31	33	37					
KALAHARI PRIDE GRACE	2025	MIGHTY PHOENIX	9.34	114	106	99	101	107	97	98	105	107	105	106	106					
		LOMBARD SUPERIOR AMBER		5	5	5	27	5	41	27	40	28	30	32	37					
KALAHARI PRIDE DARLIA	2025	ELEVATION HACHIKO	9.79	103	116	96	108	111	89	111	109	108	111	105	109					
		KALAHARI PRIDE MICAH		5	5	5	17	5	34	17	33	18	21	24	29					

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	Progeny with litters		
NAMIBWAGTER KRATOS		MAKULU LAANIE WARRIOR	6.88	106	99	81	92	86	96	95	96	89	92	99	93	13 4	7 4		4		
	2016	ASTOUNDING TANDRA		5	5	13	46	11	63	45	62	47	49	52	57					1	
KLEIN SANDFONTEIN BRADY		KLEIN SANDFONTEIN HUEY	11.93	106	89	104	100	110	87	101	92	109	106	112	102	9 1	1 1				
	2018	MES LORELEI		5	26	39	56	35	71	56	70	57	59	61	66					1	
KADOS TEXAS		TARGUS BOM BOEL	8.44	101	105	109	100	100	94	78	80	91	94	110	92	90 11	22 18		15 5		
	2020	MES LULU V		5	5	46	70	47	82	70	82	71	73	75	79					1	
MIGHTY PHOENIX		KLEIN SANDFONTEIN BRADY	6.17	114	104	98	100	101	104	100	112	106	103	103	107	18	4 4				
	2020	MIGHTY ZARA I		5	5	16	44	15	61	44	60	45	48	50	56					1	
KALAHARI PRIDE REMBRANDT		NAMIBWAGTER BRAVE	10.98	94	93	80	98	94	102	98	107	98	96	97	100	9	4 1		1 1		
	2021	BJL RUAH		5	5	5	21	5	44	20	42	23	26	30	37					1	
ELEVATION HERBY		LINGA LONGA HARLEY 3	5.21	130	138	91	120	119	93	116	119	118	129	120	123	26 7	11 7		6 1		
	2021	ELEVATION MOYA		32	49	33	59	34	74	58	73	60	62	64	69					1	
ELEVATION HACHIKO		ELEVATION HERBY	11.50	102	132	102	116	115	84	119	104	104	120	114	112	14 1					
	2023	ELEVATION CAPPUCINO		5	19	16	47	17	64	47	63	48	50	53	58					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-rament	Coat	General Appear.	Head & Face	Front Quarter	Centre	Hind Quarter	Final Score	Progeny	Litters	Progeny Kennels	Hips	Elbows	
BJL ZENDRA	2016	AFRIKA AB	5.60	83	84	83	99	96	104	89	91	92	97	108	97	12	2	4			2
		VOEL GERUS ROXI I		5	16	29	36	5	52	35	51	37	39	42	47			3			1
MIGHTY ZARA I	2018	MIGHTY MABULA	6.15	122	120	91	100	90	105	99	111	93	94	92	100	10	2	1			
		MIGHTY ZULA		5	5	30	51	22	69	51	67	52	55	57	63			1			
BJL RUAH	2019	NAMIBWAGTER KRATOS	13.06	94	92	72	93	88	102	86	96	89	93	104	95	15	1	6			1
		BJL ZENDRA		5	5	5	32	5	54	31	52	33	36	40	47			6			1
JAMBAL DONNA	2019	MIDDELPOS BBD GAMKA	14.72	125	109	90	108	131	103	124	129	136	124	111	127	32	3	10			8
		JAMBAL TOGO		5	5	49	65	40	78	64	77	65	67	70	74			9			2
ELEVATION CAPPUCINO	2020	ELEVATION OTTO	13.57	75	126	114	117	121	78	127	110	107	126	116	116	5	1	2			2
		ELEVATION MICA		30	50	41	57	33	71	56	70	57	59	62	66			2			1
LOMBARD SUPERIOR AMBER	2021	KADOS TEXAS	10.13	113	107	100	103	113	90	96	99	108	107	109	104	7					
		JAMBAL DONNA		5	5	29	53	28	67	52	66	54	56	58	62						
LOMBARD SUPERIOR RUBY	2021	KADOS TEXAS	10.13	113	107	100	110	123	103	108	112	123	115	113	117	9		4			1
		JAMBAL DONNA		5	5	29	53	28	67	53	66	54	56	58	62			1			1
KALAHARI PRIDE MICAH	2023	KALAHARI PRIDE REMBRANDT	7.86	103	100	90	100	106	94	104	113	111	102	97	106	12	1				
		LOMBARD SUPERIOR RUBY		5	5	5	33	5	53	32	52	34	37	40	46						

