

Boerboel Genetic Evaluation

SA Stud Book
February 2026

MR A.W. AJIBIKE

1 AJIBIKE CLOSE
APATA GANGA
IBADAN
OYO STATE



Kennel Number: 673530



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.

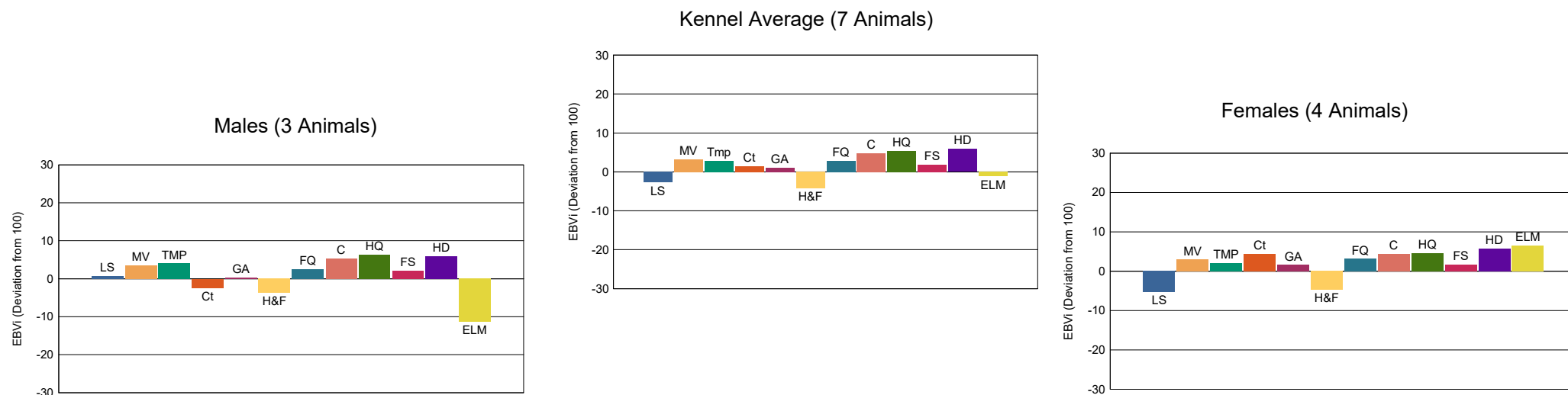
Genetic Trends: The Genetic Trends indicate the genetic change that occurred over time in the animals bred by the breeder compared to that of the breed. These are calculated as the average of the breeding values of all measured animals bred by the breeder, per year of birth.

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)	97	101	95
Movement (Mv)	103	104	103
Temperament (Tmp)	103	104	102
Coat (Ct)	102	98	104
General Appearance	101	100	102
Head & Face (H&F)	96	96	95
Front Quarter (FQ)	103	103	103
Centre (C)	105	105	104
Hind Quarter (HQ)	105	106	105
Final Score (FS)	102	102	102
Hip Health (HH)	106	106	106
Elbow Health (ELM)	99	89	107

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.

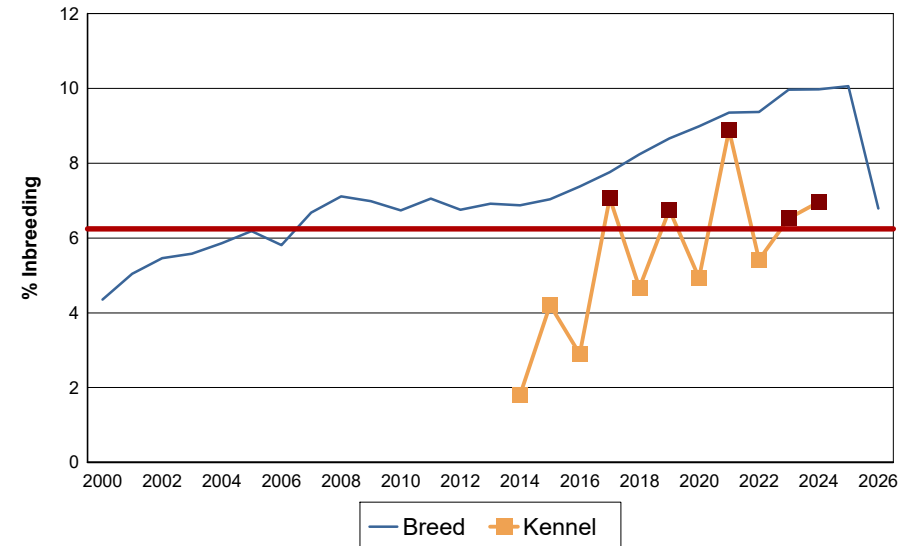
It is therefore highly recommended to record pedigree information as accurately. Inbreeding is dependent on pedigree information. Conventional methods for the calculation of inbreeding coefficients usually assume that unknown parents are unrelated, which is usually far from the truth. Inbreeding coefficients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

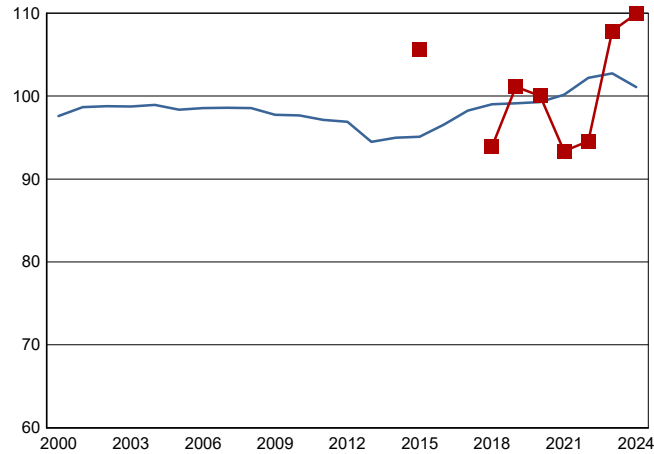


Inbreeding Levels

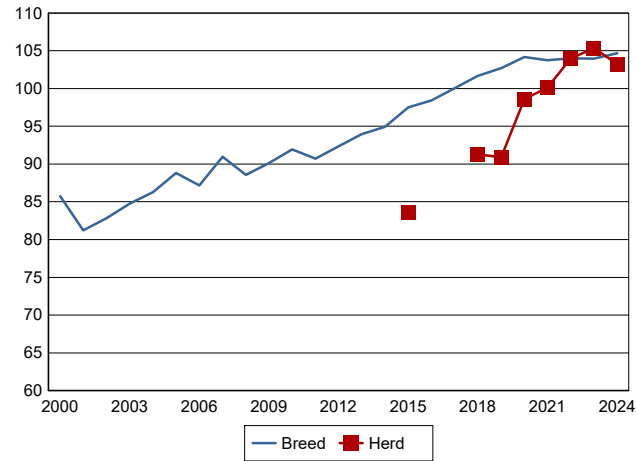
	All Animals		Males		Females		Sires		Dams	
	Kennel	Breed	Kennel	Breed	Kennel	Breed	Kennel	Breed	Kennel	Breed
Number	7	49007	3	25141	4	23857	5	3371	6	6287
Average Inbreeding	6.04	8.49	7.49	8.46	4.95	8.53	8.66	8.01	5.14	8.00
Number inbred	7	48727	3	24990	4	23728	5	24990	6	23728
Number >6.25% Inbr.	1	30600	1	15537		15058	3	15537	1	15058

Genetic Trends

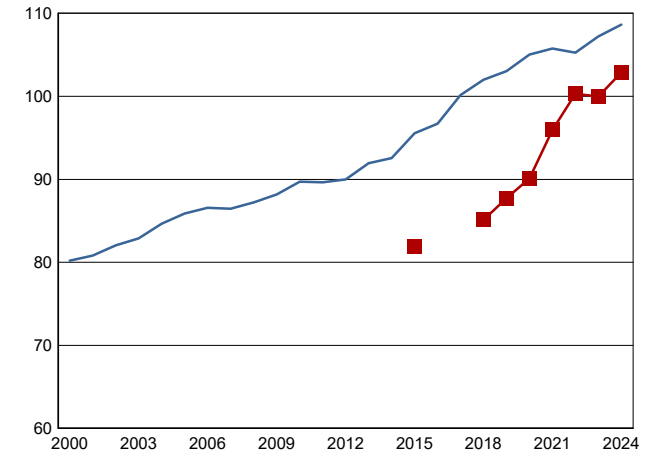
Litter Size



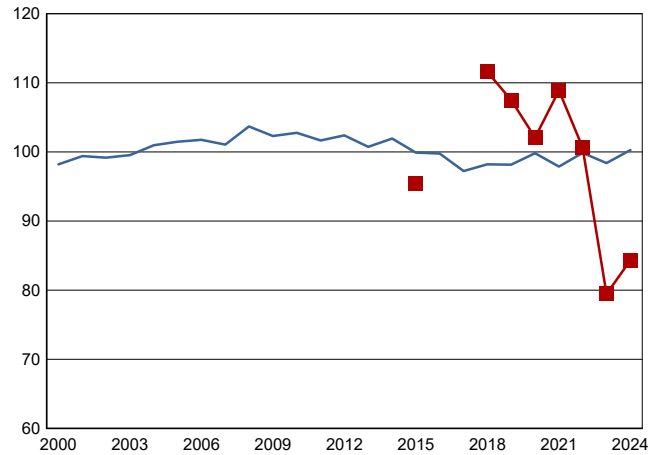
Movement



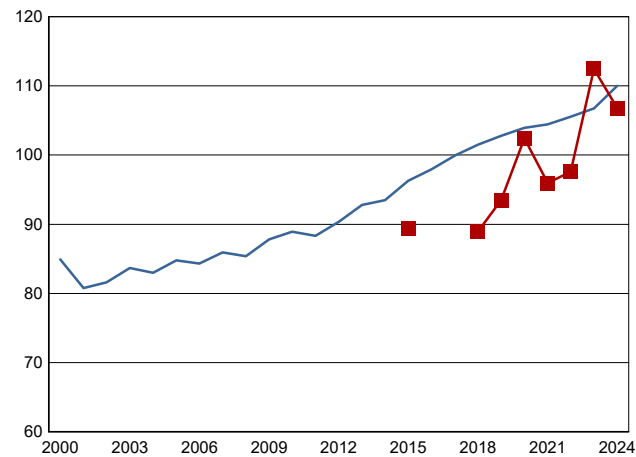
Temperament



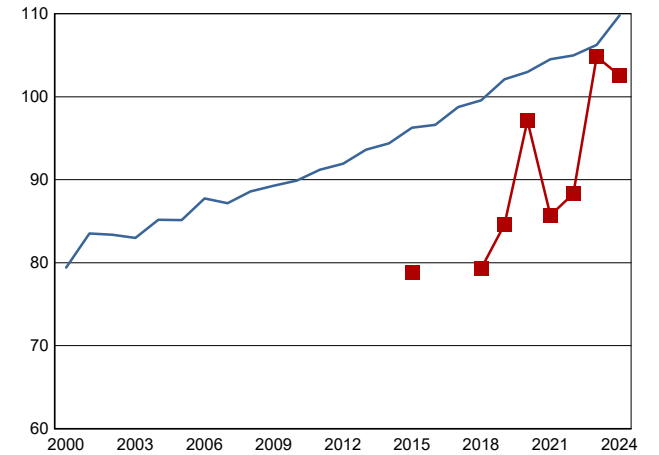
Coat



General Appearance

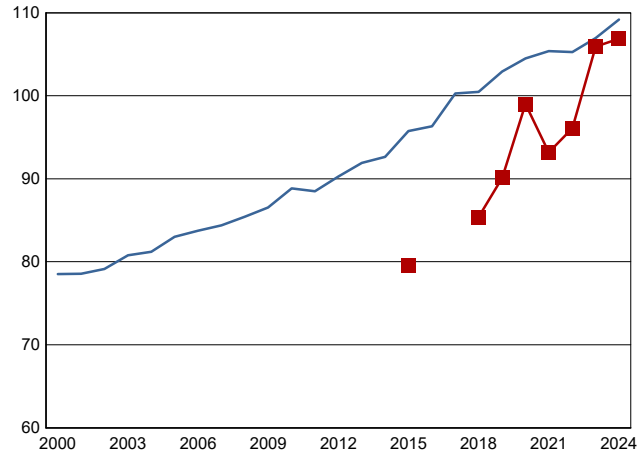


Head & Face

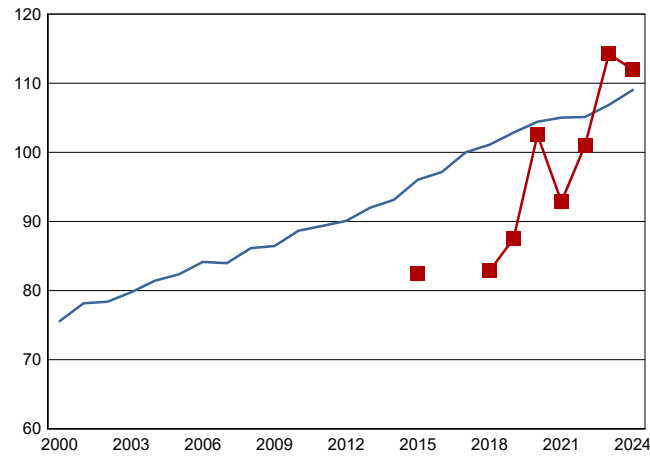


Genetic Trends

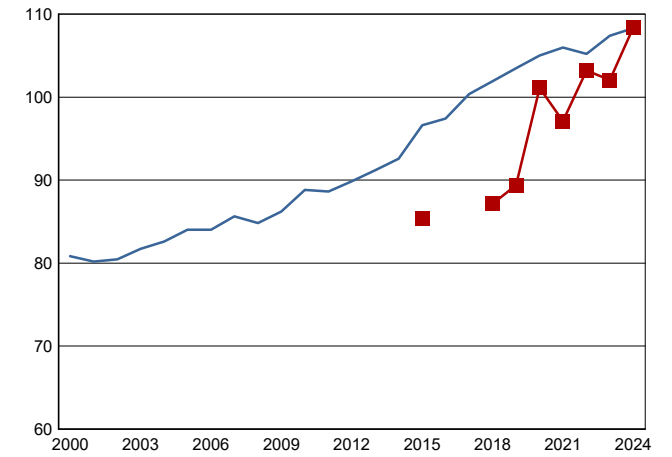
Front Quarter



Centre

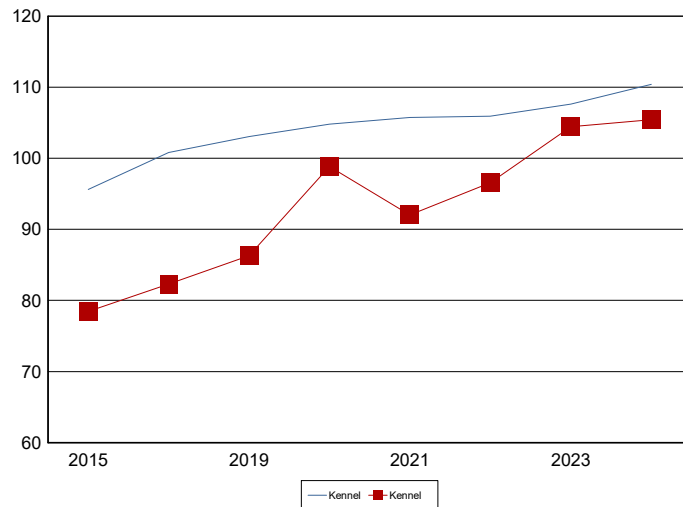


Hind Quarter

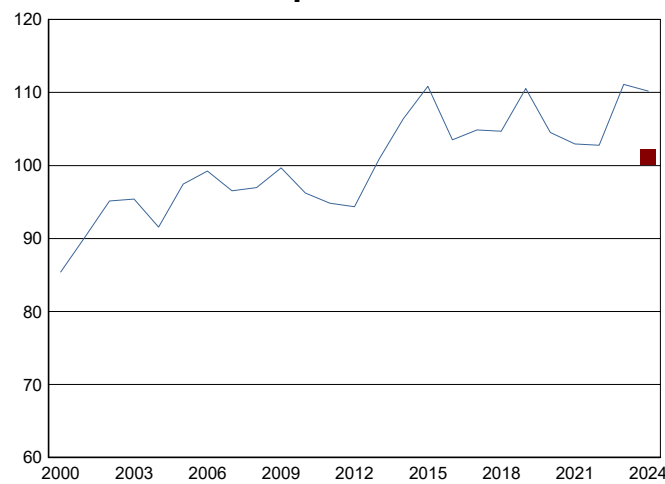


Final Score & Health Traits

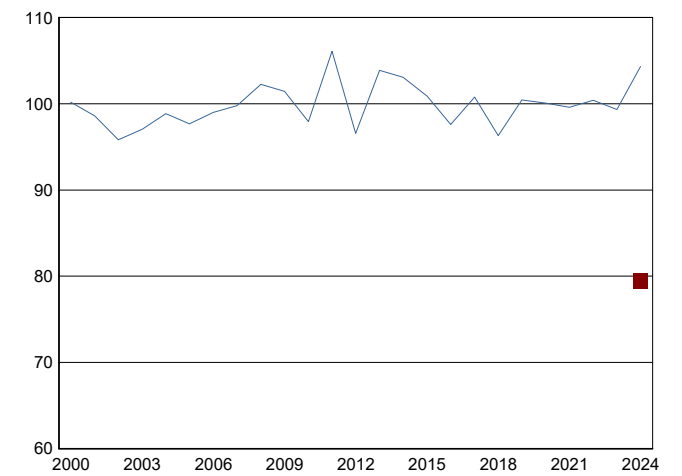
Final Score



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	
LOMBARD SUPERIOR RETIEF	MES RUBENSTEIN		11.16	110	67	113	107	114	92	107	111	113	116	116	114	80	18	13	1	1	4
	2019 LOMBARD SUPERIOR ALASKA			25	41	39	63	42	76	60	75	64	66	68	72			12			2
AB KENNEL CREED	KENNELAJEEB CONAN		5.83	96	96	95	99	94	97	91	86	92	95	98	91						
	2021 AJIBADE ZOEY			5	5	5	15	5	30	13	29	16	19	21	26						
KENNELAJEEB KALA	MIDDELPOS BBD MANUEL		5.48	112	104	94	106	105	104	103	92	102	104	105	101						
	2022 KENNELAJEEB SINDI (RUBY)			5	5	5	24	5	38	24	37	25	27	30	34						

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
KENNELAJEEB DIXIE	2021	BOSTU ALPHA KENNELAJEEB PEE-PEE	4.69	99 5	105 5	93 31	95 29	102 5	90 42	100 28	97 41	104 29	106 31	105 34	100 38	9	3			
ANIA CASPIAN ELSIE	2021	BREKER EIKO VOLSPPOED ASHANTI	4.91	107 5	113 5	105 36	104 35	95 8	114 47	98 35	99 46	99 36	100 37	106 39	102 43	6	2	2 2		
KENNELAJEEB LETTY	2021	MIDDELPOS BBD MANUEL KENNELAJEEB VALDA	4.72	106 5	105 5	86 23	108 36	112 5	109 56	112 35	97 55	111 37	110 40	105 43	106 49	1	1			
KENNELAJEEB GIRLIE O	2022	MIDDELPOS BBD MANUEL KENNELAJEEB SINDI (RUBY)	5.48	112 5	104 5	94 5	105 37	100 5	105 56	97 36	89 54	98 38	103 40	103 43	98 49					

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	
MES RUBENSTEIN		GROENBERG BBD RAMBO	4.08	111	59	133	122	134	109	99	101	114	104	128	116	314	52	101	21	83
	2016	MES LIZE		58	67	73	86	71	92	86	92	87	88	89	90		83		20	11
BOSTU ALPHA		MES BUKA	13.12	111	112	89	107	123	79	110	117	128	128	124	122	29	6	9		6
	2017	MES NAHLA I		5	21	39	56	34	69	55	68	57	59	61	65		9			3
KENNELAJEEB CONAN		ELEVATION HUDSON	7.07	88	96	100	98	88	109	91	83	83	92	94	88	23	3	4		1
	2017	KENNELAJEEB PEE-PEE		5	5	19	38	10	52	37	51	39	41	43	47		4			1
BREKER EIKO		DELATRO X'WINSLO	5.11	104	107	83	106	98	106	108	111	100	111	116	112	74	12	12		5
	2019	BREKER BELLA		5	5	33	55	32	68	55	67	56	58	60	64		12			3
MIDDELPOS BBD MANUEL		ELEVATION ALPHONSE	13.94	126	107	87	117	125	101	120	106	120	123	121	119	41	7	10		4
	2019	GIANTS OF AFRICA BABY		5	5	28	55	30	71	54	70	56	58	61	66		8			3

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	Sire	%	Hips	Elbows	Litter Size	Move-	Tempe-	Coat	General	Head &	Front	Hind	Final	Progeny	Litters	Progeny	Kennels	Hips	Elbows	litters
BYr	Dam		Acc.	Acc.	Acc.	ment	ament		Appear.	Face	Quarter	Centre	Quarter	Score						
KENNELAJEEB PEE-PEE	ALEXANDER BBD SURPRISE	4.21	87	98	107	83	81	102	90	76	81	83	85	78	21	5	5			10
	AJARTODAR PEJU-LATI		5	5	18	38	5	57	36	56	39	41	44	50			4			1
LOMBARD SUPERIOR ALASKA	AFRIKA RAMBOMAX	5.52	112	86	99	115	97	87	109	115	106	117	103	110	24	2	11	1	1	10
	AFRIKA TARA 1		17	31	41	62	39	76	61	75	63	65	67	72			11			2
KENNELAJEEB SINDI (RUBY)	RODEON BOERBOELE CHUCK NORRIS	4.67	98	101	101	94	85	108	86	79	85	85	89	83	17	3	3			
	KENNELAJEEB PEE-PEE		5	5	22	26	5	42	25	41	26	29	32	37			3			
VOLSPOED ASHANTI	AFRIKA BUCKSTEEN	4.67	109	118	126	101	92	121	88	87	98	90	96	93	26	5	4			2
	ROBUST CARLA		5	5	53	57	34	71	56	70	57	59	62	66			4			2
KENNELAJEEB VALDA	NGDK BOB	6.76	85	103	101	91	88	108	94	85	90	88	89	86	11	3	2			1
	KENNELAJEEB PEE-PEE		5	5	21	35	5	55	34	54	36	39	42	48			1			1
AJIBADE ZOEY	GIANTS OF AFRICA SKY	5.02	104	95	91	100	99	85	90	90	101	98	103	94	8	1				
	ANIA CASPIAN RUKKY		5	5	16	30	5	44	27	43	31	33	35	40						

