

Boerboel Genetic Evaluation

SA Stud Book
February 2026

0 0 AMADWALA BOERBOELS

PO BOX 22

0

ESTON

3740



Kennel Number: 677588



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.

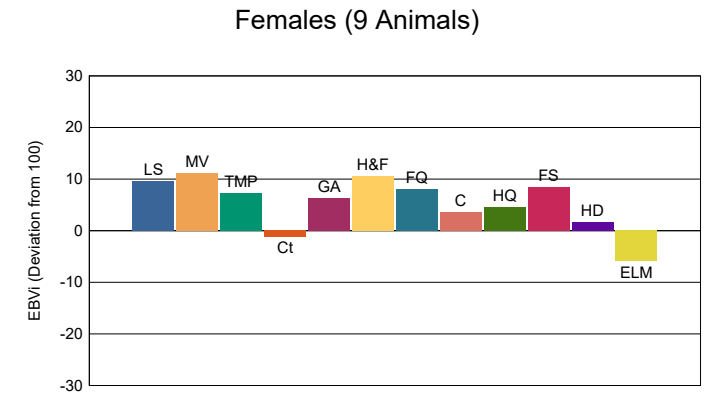
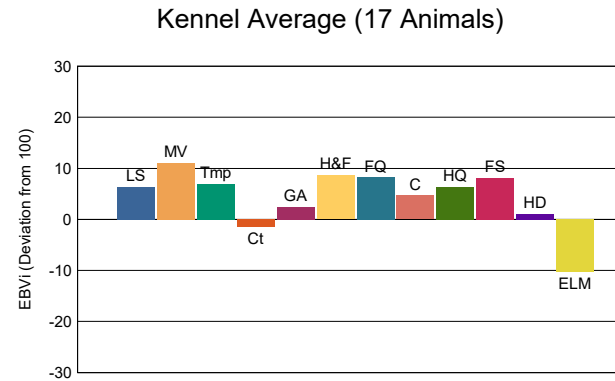
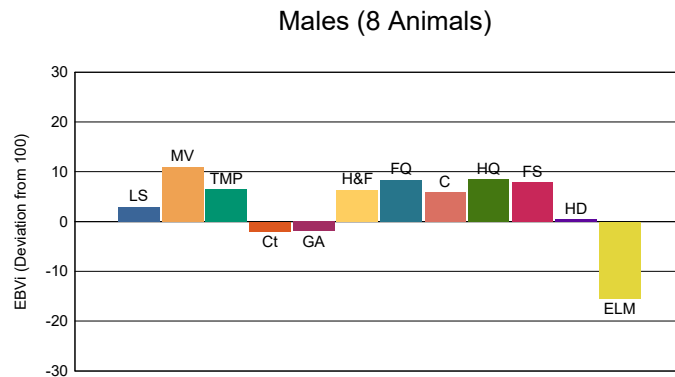
Genetic Trends: The Genetic Trends indicate the genetic change that occurred over time in the animals bred by the breeder compared to that of the breed. These are calculated as the average of the breeding values of all measured animals bred by the breeder, per year of birth.

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)	106	103	110
Movement (Mv)	111	111	111
Temperament (Tmp)	107	106	107
Coat (Ct)	98	98	99
General Appearance	102	98	106
Head & Face (H&F)	109	106	111
Front Quarter (FQ)	108	108	108
Centre (C)	105	106	104
Hind Quarter (HQ)	106	108	105
Final Score (FS)	108	108	109
Hip Health (HH)	101	100	102
Elbow Health (ELM)	90	85	94

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.

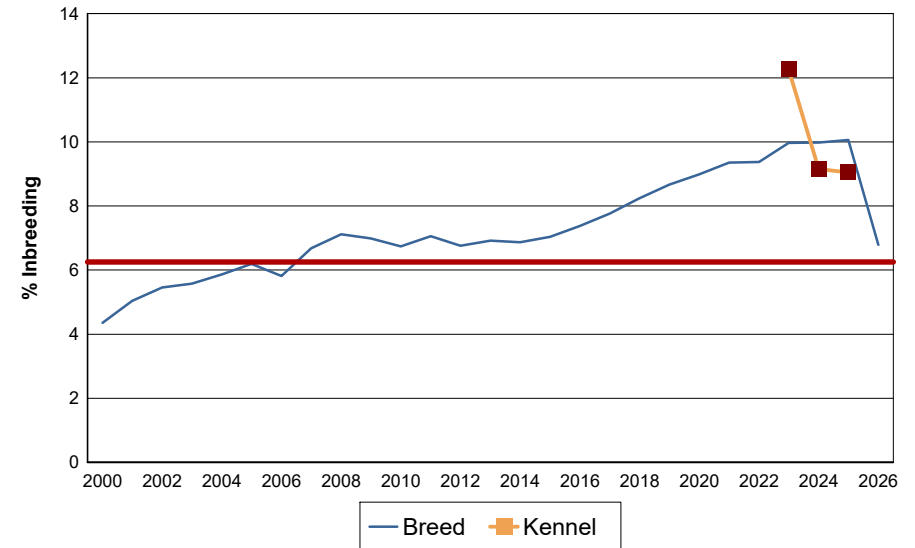
It is therefore highly recommended to record pedigree information as accurately. Inbreeding is dependent on pedigree information. Conventional methods for the calculation of inbreeding coefficients usually assume that unknown parents are unrelated, which is usually far from the truth. Inbreeding coefficients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

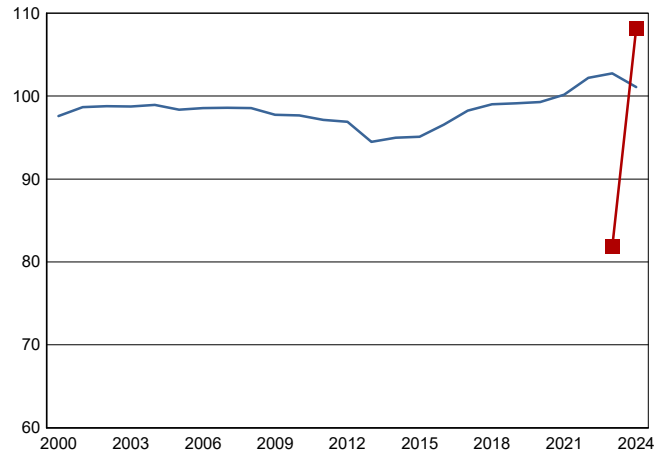


Inbreeding Levels

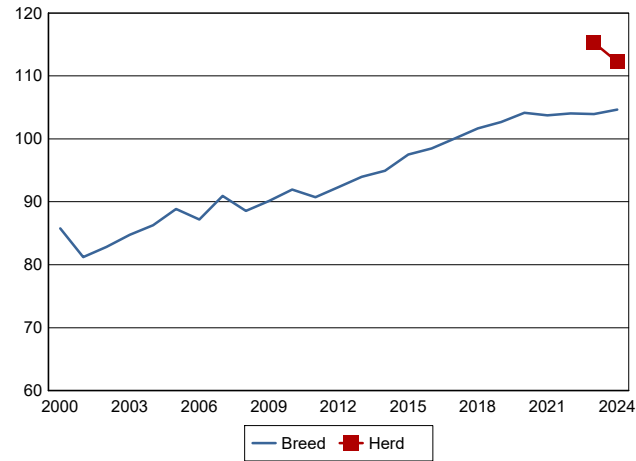
	All Animals		Males		Females		Sires		Dams	
	Kennel	Breed	Kennel	Breed	Kennel	Breed	Kennel	Breed	Kennel	Breed
Number	17	49007	8	25141	9	23857	10	3371	10	6287
Average Inbreeding	10.52	8.49	9.75	8.46	11.21	8.53	10.17	8.01	10.51	8.00
Number inbred	17	48727	8	24990	9	23728	10	24990	10	23728
Number >6.25% Inbr.	16	30600	8	15537	8	15058	7	15537	8	15058

Genetic Trends

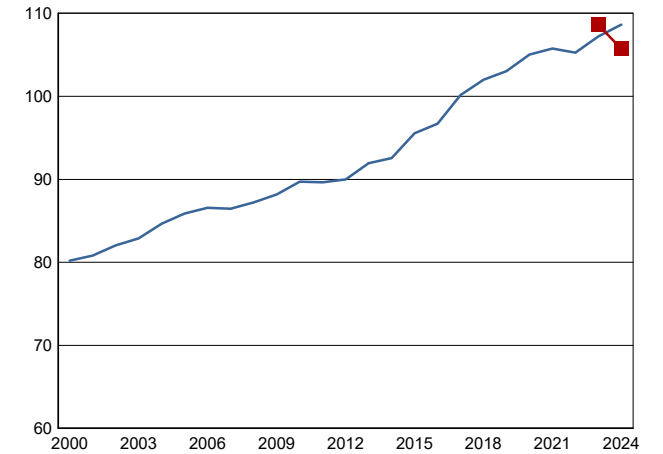
Litter Size



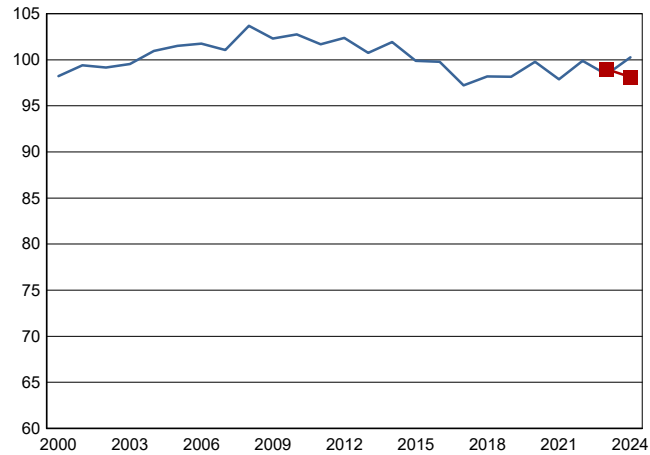
Movement



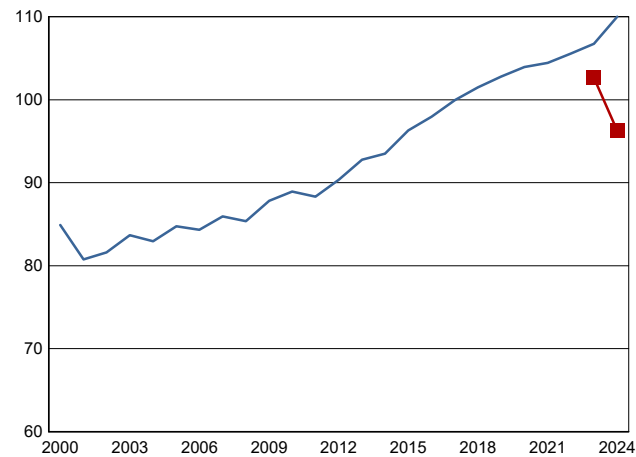
Temperament



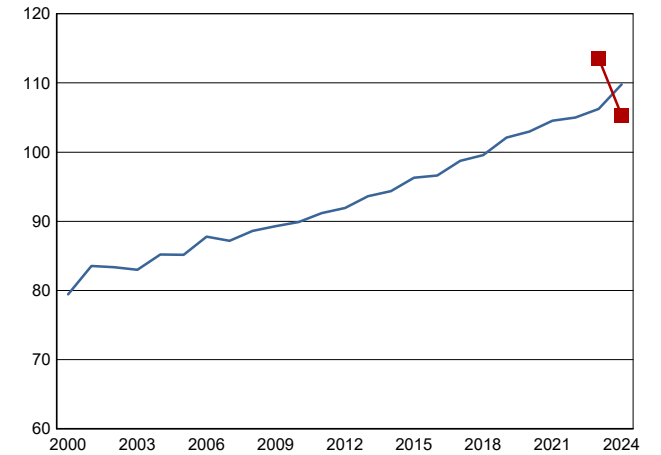
Coat



General Appearance

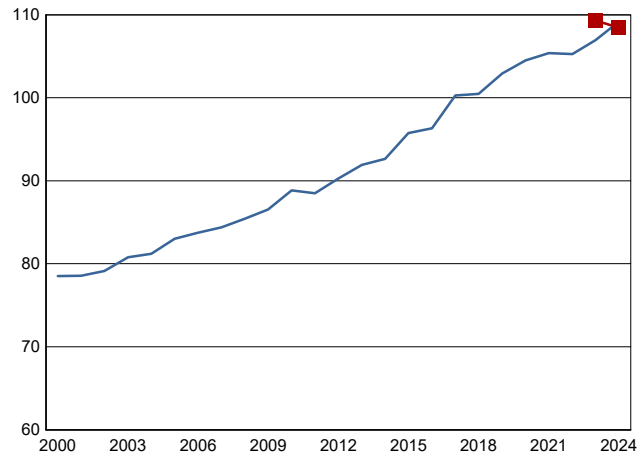


Head & Face

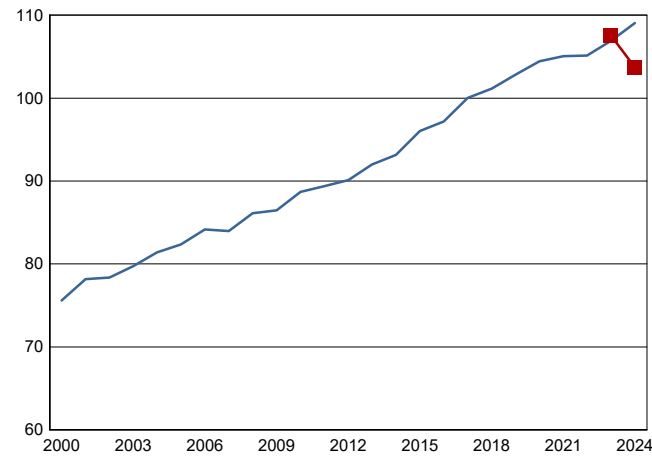


Genetic Trends

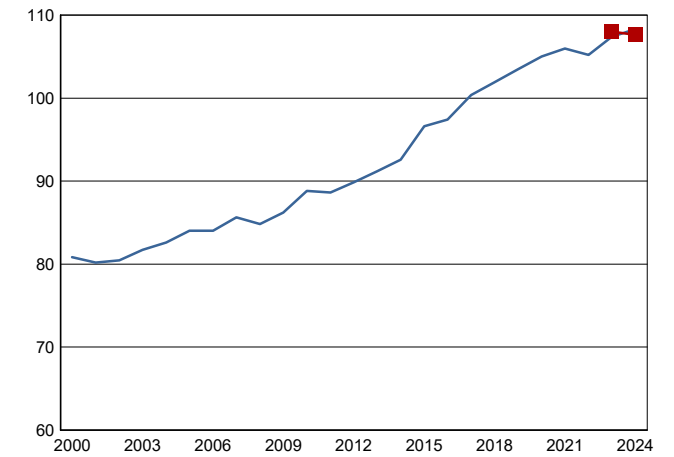
Front Quarter



Centre

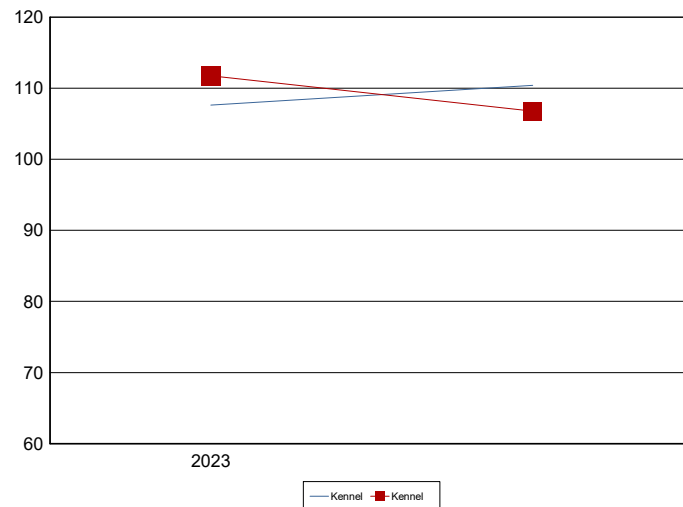


Hind Quarter

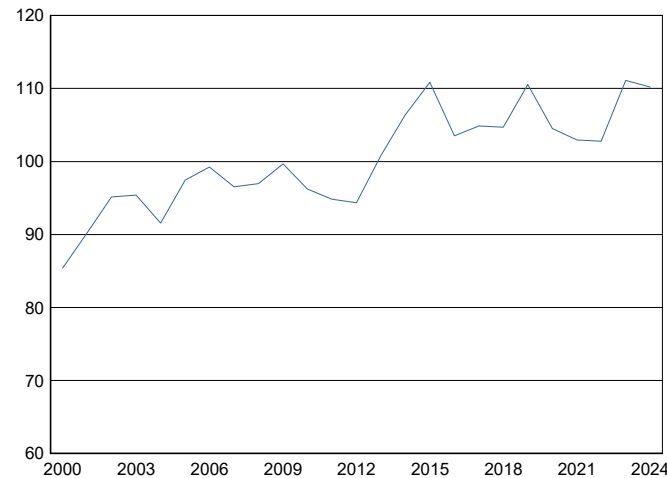


Final Score & Health Traits

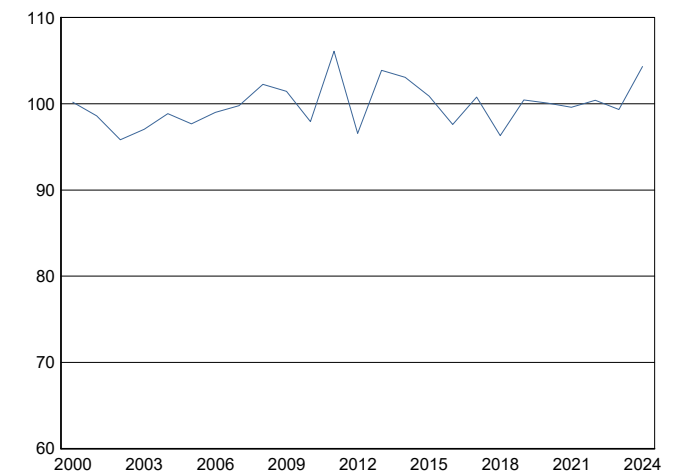
Final Score



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		
BOUWER CHEESEBOY		TARGUS RANGER	8.18	92	106	125	103	108	96	94	86	107	106	110	100						
	2021	BODINGTON BOERBOEL ELECTRA		5	5	22	48	20	65	47	64	49	51	54	59						
AMADWALA LOVERBOY JR.		ELEVATION LOVERBOY	11.24	97	69	82	117	112	100	107	118	113	111	109	115						
	2023	BBS VERONIKA		5	5	5	31	5	46	31	45	32	35	37	42						
AMADWALA DEE JAY JR.		ELEVATION LOVERBOY	11.24	97	69	82	117	112	100	107	118	113	111	109	115						
	2023	BBS VERONIKA		5	5	5	31	5	46	31	45	32	35	37	42						
AMADWALA TYSON		LOMBARD SUPERIOR SALVADOR	8.01	104	99	118	111	101	90	75	75	95	103	109	92						
	2024	BOUWER SLAY QUEEN		5	5	5	42	5	61	29	60	43	46	49	55						
AMADWALA BUBHESI		KADIMA CARVELLO	10.87	101	74	102	107	105	102	101	111	111	103	108	110	18	1				
	2024	ELEVATION AMALIA		5	5	17	45	13	62	43	61	45	48	51	56						
AMADWALA SHAKA		KADIMA CARVELLO	10.87	101	74	102	117	106	99	98	123	115	105	108	115	7	1				
	2024	ELEVATION AMALIA		5	5	17	45	13	62	43	61	45	48	51	56						
AMADWALA NDABEZITHA		AMADWALA BUBHESI	8.31	111	104	114	108	104	97	110	110	106	106	106	108						
	2025	MIGHTY NANDI V		5	5	5	24	5	40	23	39	25	27	30	35						
AMADWALA SGIDI		AMADWALA BUBHESI	9.25	101	84	99	110	103	102	94	109	107	102	109	108						
	2025	BBS VERONIKA		5	5	5	23	5	40	22	39	24	27	29	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	Litters	Progeny Kennels	Hips	Elbows	
ELEVATION AMALIA	2021	ELEVATION VAATJIE	18.85	93	66	108	106	112	97	100	116	116	94	91	105	5	2	3			2
		ELEVATION RAMEJA		5	25	43	52	28	67	51	66	53	55	57	62			1			1
BBS VERONIKA	2021	BBS BAKKIES	12.37	102	94	97	113	100	102	87	108	103	102	110	107	7	2	2			1
		BBS SKY		5	5	17	44	5	64	43	62	45	48	51	57			2			1
MIGHTY NANDI V	2022	MIGHTY TAU	5.13	121	134	127	109	103	91	119	108	102	109	103	106	17	1				
		KLEIN SANDFONTEIN OLIVIA		5	5	32	47	18	64	46	63	48	50	53	58						
BOUWER SLAY QUEEN	2022	BOUWER JOHNNY COOL	15.29	89	95	133	117		100	88	85	98	101	104	96	6	1	2			
		BOUWER CRYSTAL		5	5	13	47		65	45	64	48	51	54	60			2			
WOEKER BBD MANTSO	2022	AFRIKA BOETA-BEN	10.52	92	107	109	113	117	103	119	114	109	101	109	113	6	1				
		WOEKER BBD STELLA		5	5	13	47	18	63	47	62	48	51	53	58						
AMADWALA AMADWALA 4	2023	ELEVATION LOVERBOY	11.24	97	69	82	117	112	100	107	118	113	111	109	115						
		BBS VERONIKA		5	5	5	31	5	46	31	45	32	35	37	42						
AMADWALA NKOSAZANA	2024	KADIMA CARVELLO	10.87	101	74	102	111	112	104	118	127	119	105	106	118						
		ELEVATION AMALIA		5	5	17	45	13	62	43	61	45	48	51	56						
AMADWALA MANTWA	2025	AMADWALA BUBHESI	8.31	111	104	114	108	104	97	110	110	106	106	106	108						
		MIGHTY NANDI V		5	5	5	24	5	40	23	39	25	27	30	35						
AMADWALA CHEESEGIRL	2025	AMADWALA BUBHESI	8.31	111	104	114	108	104	97	110	110	106	106	106	108						
		MIGHTY NANDI V		5	5	5	24	5	40	23	39	25	27	30	35						

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	
ELEVATION VAATJIE		GROENBERG BBD RAMBO	5.78	65	86	88	108	115	92	105	117	117	96	92	106	43	6	14	1	1	9
	2017	ELEVATION LISA		43	57	53	69	50	80	68	79	69	71	73	76						
BBS BAKKIES		MES HILUX	8.13	96	102	104	100	96	93	95	107	101	97	99	101	8	1	1			1
	2019	MES KIARA		5	5	29	48	27	59	47	58	48	50	52	55						
MIGHTY TAU		MIGHTY MABULA	5.91	127	134	108	96	93	96	104	97	99	94	91	94	66	10	19	1	1	9
	2019	MIGHTY THARI		5	5	32	63	36	78	62	77	64	66	69	73						
TARGUS RANGER		TARGUS BOM BOEL	19.47	80	110	96	100	108	106	103	89	106	110	104	101	5	2	1			
	2019	TOKARA KENDALL		5	5	35	57	32	71	56	70	58	60	62	66						
ELEVATION LOVERBOY		ELEVATION DJ	18.92	92	43	67	120	125	98	126	129	124	121	108	124	26	6	9			2
	2020	ELEVATION LUCA		24	49	28	57	28	73	56	72	58	60	63	68						
AFRIKA BOETA-BEN		AFRIKA BUNDO 6	13.51	75	112	97	114	113	106	116	108	105	103	105	109	51	10	20	1	1	10
	2021	AFRIKA MILLA V		5	28	34	62	36	76	62	75	63	65	67	72						
KADIMA CARVELLO		BOSTU QUINN	6.03	109	81	95	115	109	98	123	122	115	119	124	123	66	13	12			5
	2021	KADIMA FRANCHINI SPAZ		5	17	33	61	35	76	60	75	62	64	67	71						
BOUWER JOHNNY COOL		BOSTU DADDY COOL	6.30	79	92	119	119	105	106	100	111	99	105	111	111	51	5	14			4
	2021	BODINGTON BOERBOEL GUCCI		5	23	39	63	40	75	61	74	63	65	67	71						
LOMBARD SUPERIOR SALVADOR		MIGHTY TAU	6.77	119	103	103	114	106	94	91	95	106	106	110	103	33	6	8			3
	2021	LOMBARD SUPERIOR ARIZONA		5	5	22	56	28	72	54	71	57	59	62	67						
AMADWALA BUBHESI		KADIMA CARVELLO	10.87	101	74	102	107	105	102	101	111	111	103	108	110	18	1				
	2024	ELEVATION AMALIA		5	5	17	45	13	62	43	61	45	48	51	56						

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	
ELEVATION RAMEJA	2018	GROENBERG BBD RAMBO	5.27	120	47	95	107	110	99	99	106	106	97	97	103	18	4	6			2
		ELEVATION MADUSA		43	55	60	60	46	70	60	69	61	62	63	66			6			1
BODINGTON BOERBOEL ELECTRA	2019	MES FELIX BOETA	9.61	104	101	154	121	110	86	80	88	110	102	114	101	23	3	7			3
		MAWEZA DEBIE		5	5	48	63	39	76	62	76	64	66	68	72			7			1
KLEIN SANDFONTEIN OLIVIA	2019	KLEIN SANDFONTEIN NUTCRACKER	11.06	114		112	110	108	100	118	109	104	116	118	114	17	3	2			1
		KLEIN SANDFONTEIN SUZIE Q		5		47	55	29	71	55	70	56	58	61	65			2			1
WOEKER BBD STELLA	2019	WOEKER BBD ZULU 12	11.63	109	103	121	109	113	107	110	109	107	95	108	108	12	2	7			5
		WOEKER BBD PIPPIE		5	5	36	60	33	75	59	74	60	63	65	70			3			1
BBS SKY	2019	ELEVATION BEN 3	7.20	108	86	83	117	104	110	92	106	104	102	111	109	18	2	1			1
		MES LEILA		5	8	32	53	26	69	52	68	54	56	58	63			1			1
ELEVATION AMALIA	2021	ELEVATION VAATJIE	18.85	93	66	108	106	112	97	100	116	116	94	91	105	5	2	3			2
		ELEVATION RAMEJA		5	25	43	52	28	67	51	66	53	55	57	62			1			1
BOUWER CRYSTAL	2021	BOUWER PANTHER	8.69	99	99	131	123	104	89	72	85	105	103	110	98	9	1	2			1
		BODINGTON BOERBOEL ELECTRA		5	5	30	54	24	70	53	69	54	57	59	65			2			1
BBS VERONIKA	2021	BBS BAKKIES	12.37	102	94	97	113	100	102	87	108	103	102	110	107	7	2	2			1
		BBS SKY		5	5	17	44	5	64	43	62	45	48	51	57			2			1
MIGHTY NANDI V	2022	MIGHTY TAU	5.13	121	134	127	109	103	91	119	108	102	109	103	106	17	1				
		KLEIN SANDFONTEIN OLIVIA		5	5	32	47	18	64	46	63	48	50	53	58						
BOUWER SLAY QUEEN	2022	BOUWER JOHNNY COOL	15.29	89	95	133	117		100	88	85	98	101	104	96	6	1	2			
		BOUWER CRYSTAL		5	5	13	47		65	45	64	48	51	54	60			2			

