

Boerboel Genetic Evaluation

SA Stud Book
February 2026

MNR. B. STANDER

30 ROBERTSONLAAN
MONT LORRAINE
PRETORIA
0186



Kennel Number: 672378



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.

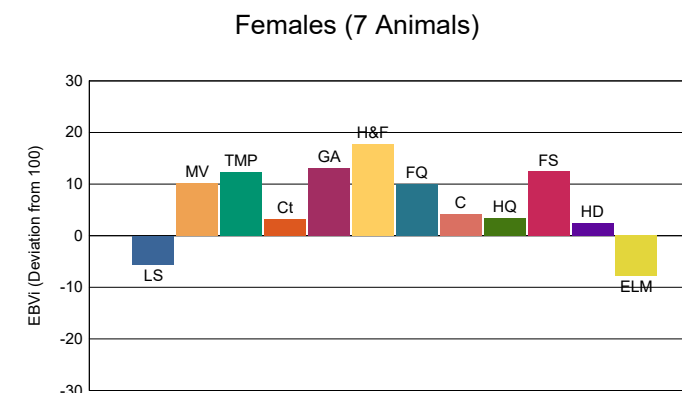
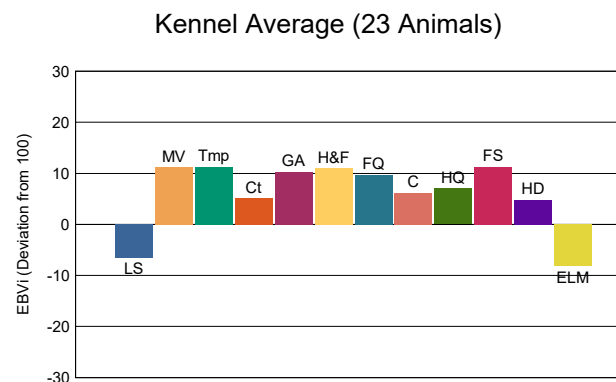
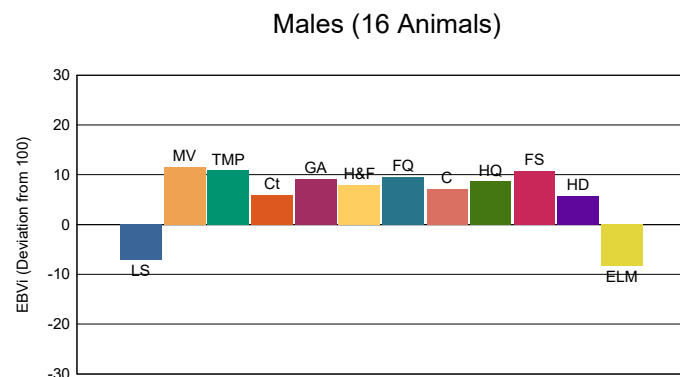
Genetic Trends: The Genetic Trends indicate the genetic change that occurred over time in the animals bred by the breeder compared to that of the breed. These are calculated as the average of the breeding values of all measured animals bred by the breeder, per year of birth.

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	94
Movement (Mv)	111	112	110
Temperament (Tmp)	111	111	112
Coat (Ct)	105	106	103
General Appearance	110	109	113
Head & Face (H&F)	111	108	118
Front Quarter (FQ)	110	110	110
Centre (C)	106	107	104
Hind Quarter (HQ)	107	109	103
Final Score (FS)	111	111	112
Hip Health (HH)	105	106	103
Elbow Health (ELM)	92	92	92

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.

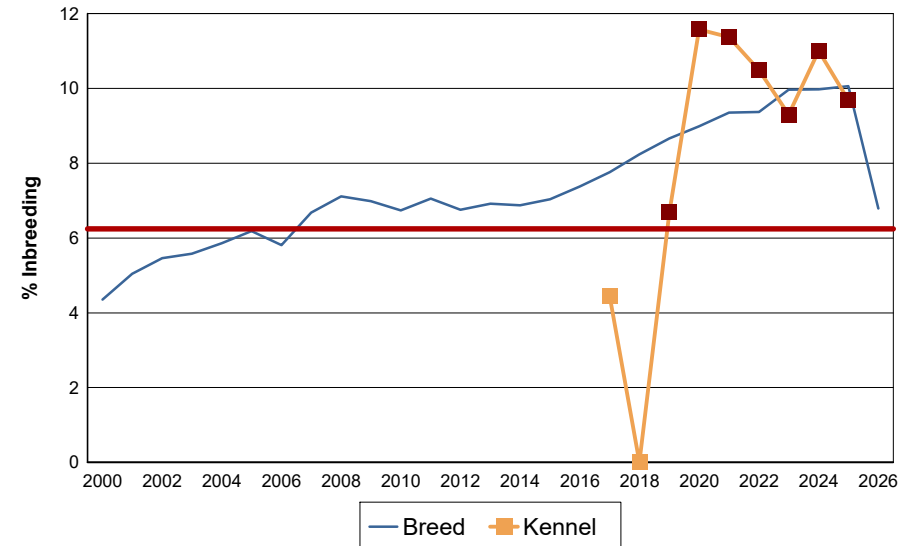
It is therefore highly recommended to record pedigree information as accurately. Inbreeding is dependent on pedigree information. Conventional methods for the calculation of inbreeding coefficients usually assume that unknown parents are unrelated, which is usually far from the truth. Inbreeding coefficients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

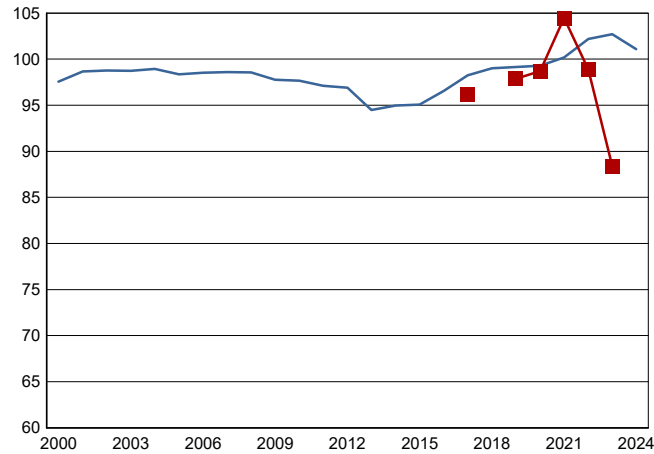


Inbreeding Levels

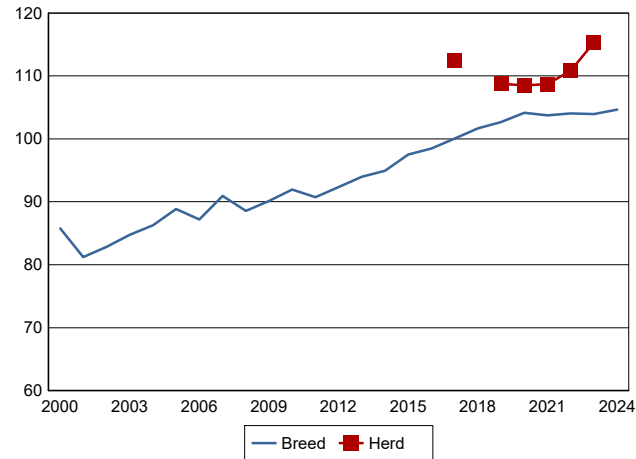
	All Animals		Males		Females		Sires		Dams	
	Kennel	Breed	Kennel	Breed	Kennel	Breed	Kennel	Breed	Kennel	Breed
Number	23	49007	16	25141	7	23857	14	3371	14	6287
Average Inbreeding	10.22	8.49	9.92	8.46	10.90	8.53	10.39	8.01	10.23	8.00
Number inbred	23	48727	16	24990	7	23728	14	24990	14	23728
Number >6.25% Inbr.	21	30600	14	15537	7	15058	11	15537	11	15058

Genetic Trends

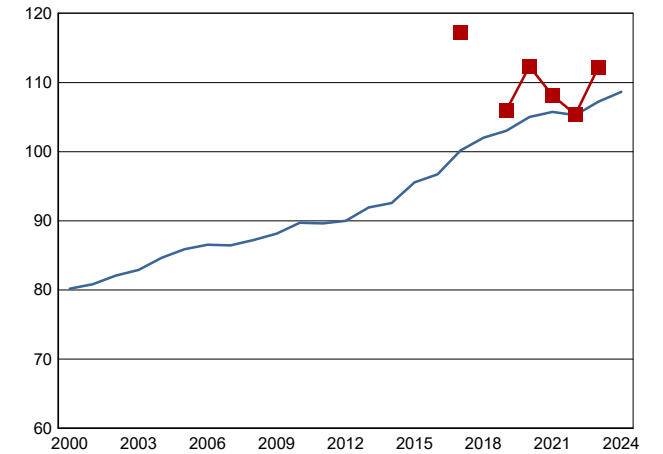
Litter Size



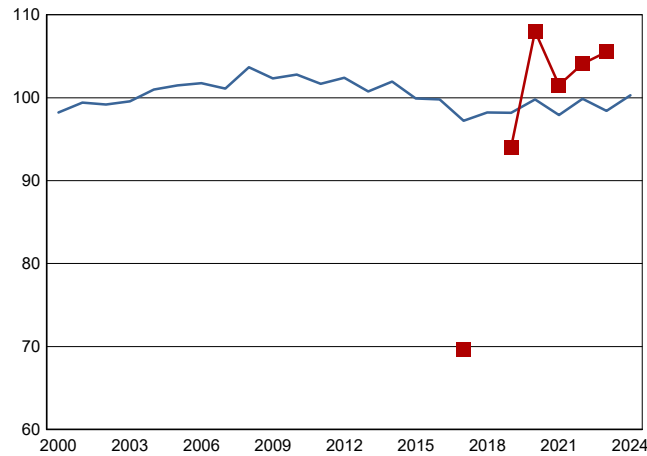
Movement



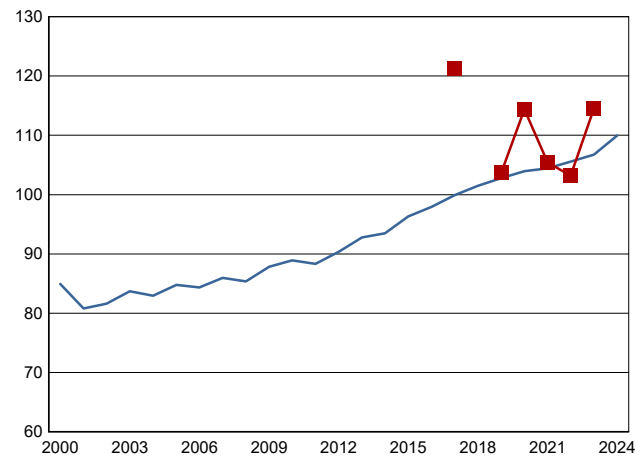
Temperament



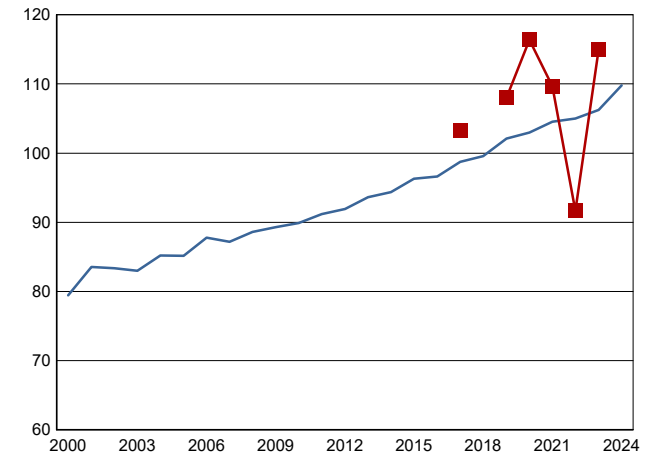
Coat



General Appearance

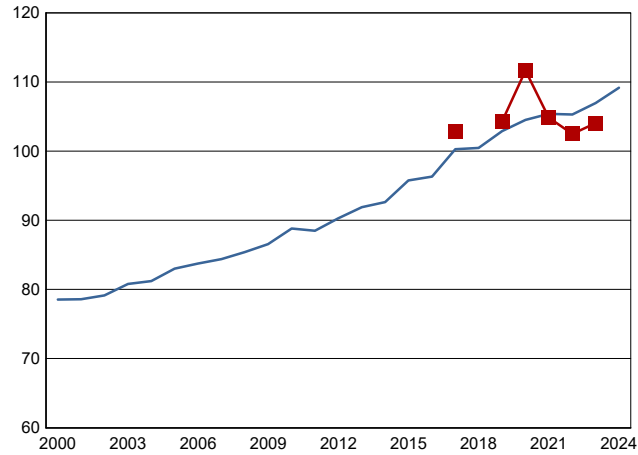


Head & Face

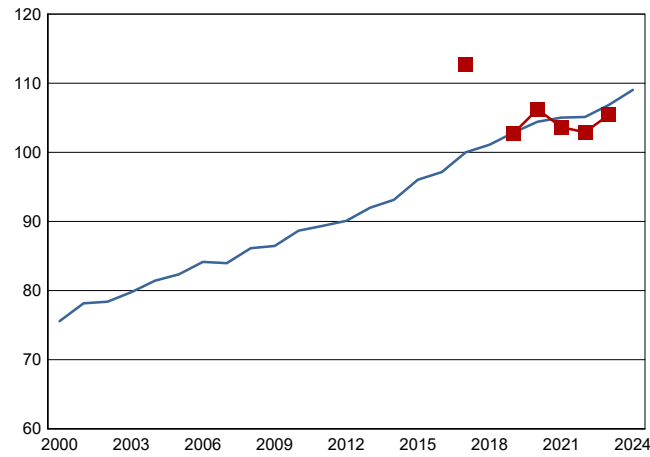


Genetic Trends

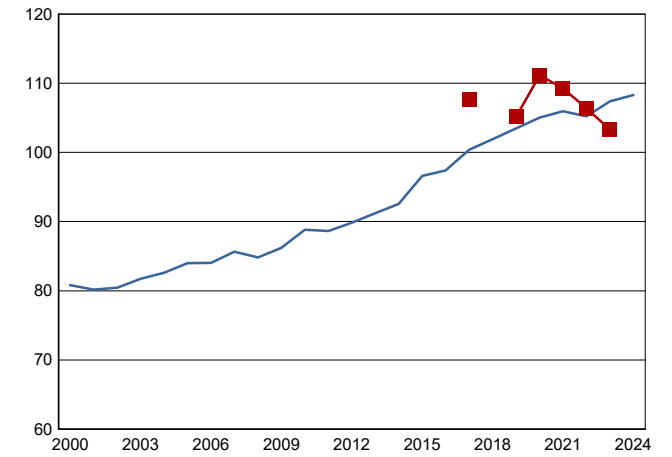
Front Quarter



Centre

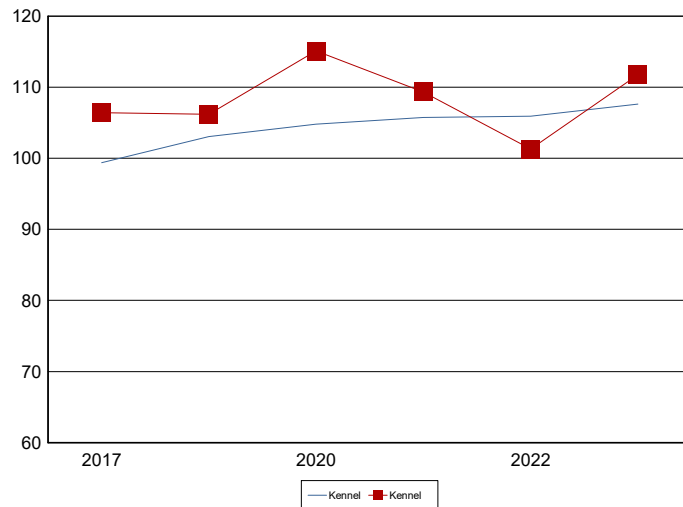


Hind Quarter

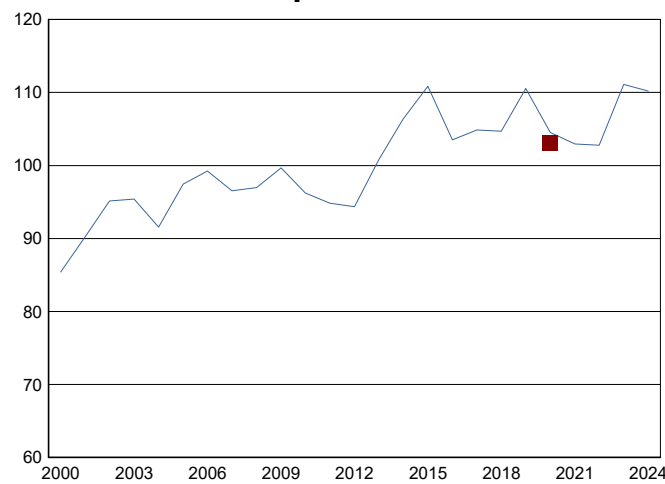


Final Score & Health Traits

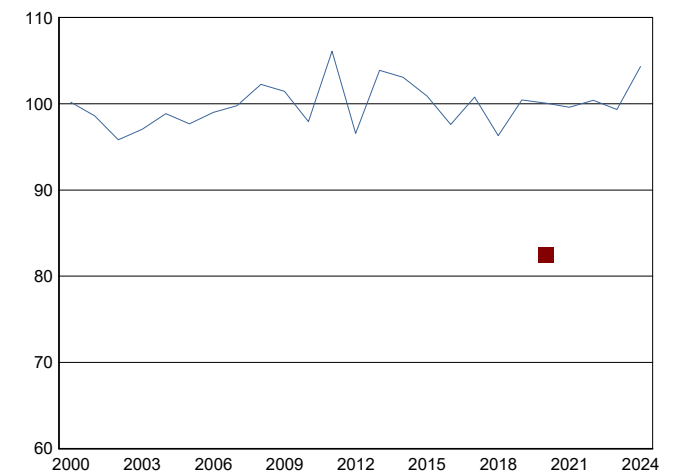
Final Score



Hip Health



Elbow Health



Estimated Breeding Value Indices (EBVi's)

Males

Inbreeding >6.25% is high

< 80

>= 100

>= 120

Animal Information		Inbred	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			
ELEVATION BEN 3	SWELLENDAM KAROLUS	8.73	113	77	79	116	103	110	96	102	100	101	105	105	80	18	21			8
	2016 ELEVATION MELISSA		28	48	35	68	40	82	67	82	69	71	74	78			18			3
MES MASSY	MES MASCOT	13.12	97	105	95	108	116	91	109	105	118	126	114	114						
	2018 MES SERABI		5	20	39	58	38	71	57	70	59	60	62	66						
BBS BIJORN	ELEVATION DAX	12.35	103	83	84	114	115	114	110	121	118	104	113	119	3	2				
	2020 MES LEILA		5	21	39	56	35	69	55	68	56	58	60	64						
ELEVATION JASPER I	ELEVATION DJ	15.29	120	95	74	122	113	107	115	110	103	113	115	115	20	3	1			1
	2021 WOEKER BBD ATLANTAH		5	5	19	50	22	67	49	66	51	53	56	61			1			1
SA SURVIVAL SCORPIO	MES HILUX	10.38	114	105	108	94	103	109	106	121	115	99	104	112						
	2021 SUID KAAP FLICKA		5	5	12	49	17	66	48	65	50	52	55	60						
BBS APOLLO	BBS HOBBS	6.67	104	95	93	110	118	107	119	116	116	109	105	115	3	1				
	2022 REGAL BRAVE		5	5	15	47	18	65	46	64	48	50	53	59						
BBS SUPERIOR	SA SUPERIOR BLOKKIES	5.14	87	104	109	114	86	96	66	28	72	89	110	68						
	2022 KADIMA VOGUE		5	5	5	47	16	66	47	64	48	51	54	59						
BBS MIKE	ELEVATION JASPER I	12.18	114	90	78	119	109	108	103	108	104	108	113	112						
	2022 BBS SKY		5	5	5	31	5	45	30	44	31	34	36	40						
BBS BONGI	ELEVATION BEN 3	4.99	98	90	96	105	90	106	87	85	93	92	105	93						
	2023 KADIMA VOGUE		5	6	18	40	14	52	40	51	41	43	45	48						

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
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	with litters
BBS SCAR		BBS APOLLO	10.74	106	86	92	114	118	105	120	113	114	110	107	114				
	2024	BBS KIKI		5	5	5	27	5	43	26	42	28	30	33	37				
BBS FRIK		ICONIC BRUNO	9.72	106	92	98	111	122	101	118	119	114	118	118	121				
	2024	BBS VITANI		5	5	5	28	5	44	28	43	29	32	34	39				
BBS RAGNAR		AFRIKA ROLLO	8.64	106	94	102	106	115	112	120	129	122	108	104	120				
	2025	SA SURVIVAL ZENOBIA		5	5	5	35	5	48	34	47	35	37	40	44				
BBS BOESMAN		AFRIKA ROLLO	8.64	106	94	102	106	115	112	120	129	122	108	104	120				
	2025	SA SURVIVAL ZENOBIA		5	5	5	35	5	48	34	47	35	37	40	44				
BBS CDP RILEY		BBS MELKIES	10.74	106	86	92	116	117	106	120	114	114	109	107	115				
	2025	BBS VITANI		5	5	5	26	5	42	26	41	27	30	32	37				
BBS RILLO		BBS MELKIES	10.74	106	86	92	116	117	106	120	114	114	109	107	115				
	2025	BBS VITANI		5	5	5	26	5	42	26	41	27	30	32	37				
BBS FRANK		BBS MELKIES	10.74	106	86	92	116	117	106	120	114	114	109	107	115				
	2025	BBS VITANI		5	5	5	26	5	42	26	41	27	30	32	37				

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	
BBS KARA		MES HILUX	8.13	96	102	96	98	95	70	94	107	93	94	97	96	3	2	1			1
	2019	MES KIARA		5	5	37	54	31	69	53	68	55	57	59	64			1			1
BBS LEA		ELEVATION DAX	12.35	103	83	79	114	113	110	109	119	114	105	113	117	8	1				
	2021	MES LEILA		5	21	42	49	32	57	49	57	49	51	52	55						
ELEVATION HANNAH		ELEVATION VAATJIE	16.08	95	79	91	117	117	101	111	115	114	105	103	112	8	1	4	1	1	1
	2021	ELEVATION MIAMI		5	22	35	53	29	68	53	67	54	56	59	63			4			
SA SURVIVAL ZENOBIA		BBS HOBS	10.18	106	101	93	108	113	117	118	124	107	101	99	114	9	3	1			1
	2021	AFRIKA ORPA		5	5	11	49	19	67	48	66	50	53	55	61			1			1
SA SURVIVAL FIONA		BBS HOBS	10.18	106	101	108	113	116	107	121	118	107	107	102	114	5	2	1			1
	2021	AFRIKA ORPA		5	5	9	49	19	67	48	66	50	53	56	61			1			1
BBS KARLIE		AFRIKA ROLLO	8.64	106	94	102	106	115	112	120	129	122	108	104	120						
	2025	SA SURVIVAL ZENOBIA		5	5	5	35	5	48	34	47	35	37	40	44						
BBS MIETANIE		BBS MELKIES	10.74	106	86	92	116	117	106	120	114	114	109	107	115						
	2025	BBS VITANI		5	5	5	26	5	42	26	41	27	30	32	37						

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		
SWELLENDAM KAROLUS		ELEVATION KAROOLS	10.84	120	40	75	128	119	120	105	108	105	103	119	116	35 6	16 16	4 4	10 4		
	2014	MIDDELPOS BBD ROXI 1		20	39	40	63	37	77	62	76	63	65	68	72						
MES MASCOT		MIDDELPOS BBD ALPHA	5.70	102	114	101	97	113	99	107	103	123	116	112	111	46 6	22 11	4 4	19 4		
	2015	MES MARILYN		33	43	63	77	59	85	77	85	78	79	80	83						
ELEVATION DAX		GROENBERG BBD RAMBO	4.48	103	71	100	117	125	107	128	132	122	115	116	128	131 24	65 53	14 14	51 9		
	2015	HAZENJACHT BBD FIELLA		53	66	69	84	68	90	83	90	84	85	86	88						
ELEVATION BEN 3		SWELLENDAM KAROLUS	8.73	113	77	79	116	103	110	96	102	100	101	105	105	80 18	21 18		8 3		
	2016	ELEVATION MELISSA		28	48	35	68	40	82	67	82	69	71	74	78						
ELEVATION VAATJIE		GROENBERG BBD RAMBO	5.78	65	86	88	108	115	92	105	117	117	96	92	106	43 6	14 14	1 1	9 2		
	2017	ELEVATION LISA		43	57	53	69	50	80	68	79	69	71	73	76						
SA SUPERIOR BLOKKIES		SA SUPERIOR VOO DOO	16.85	93	103	104	116	106	115	94	74	94	109	106	96	6 2	3 3				
	2017	SA SUPERIOR TOLBOS		5	5	5	52	18	70	52	69	53	56	59	64						
MES HILUX		MES ARNOLD 1	11.46	110	101	111	103	101	119	102	118	109	96	111	113	60 11	25 17		18 2		
	2017	MES MAXI		16	34	50	73	53	83	72	83	73	75	77	80						
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						
BBS HOBS		MES HILUX	14.47	108	91	102	119	120	115	123	131	121	116	118	128	17 4	6 3		6 2		
	2020	ELEVATION KATINKA		5	5	28	60	34	75	59	74	60	63	65	70						
AFRIKA ROLLO		AFRIKA GHUNTER	7.67	106	86	112	104	118	107	122	134	137	116	108	126	73 11	6 3		2 2		
	2020	AMADEO AZURA		5	18	33	62	38	76	62	75	63	65	67	72						
ELEVATION JASPER I		ELEVATION DJ	15.29	120	95	74	122	113	107	115	110	103	113	115	115	20 3	1 1		1 1		
	2021	WOEKER BBD ATLANTAH		5	5	19	50	22	67	49	66	51	53	56	61						
ICONIC BRUNO		MARVILLOSO JOHN RAMBO	13.48	108	88	101	102	123	94	113	117	108	123	130	123	12 3	4 3		2 1		
	2021	NSIZWA AZANIA		5	5	15	50	20	68	49	67	51	53	56	62						

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	Sire BYr 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	
BBS APOLLO	BBS HOBS	6.67	104	95	93	110	118	107	119	116	116	109	105	115	3 1				
	2022 REGAL BRAVE		5	5	15	47	18	65	46	64	48	50	53	59					
BBS MELKIES	ELEVATION BEN 3	9.76	108	77	91	112	113	103	117	107	107	107	109	110	4 1				
	2022 BBS REBECCA		5	5	5	49	19	67	49	65	50	53	55	61					

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 MELISSA	2014	MIDDELPOS BBD IMPI	9.03	107	89	71	94	96	96	100	107	96	99	91	98	12	3	6	1	1	4
		MIDDELPOS BBD BIANCA		41	52	57	60	37	73	59	73	61	63	65	69			6			1
MES SERABI	2015	GROENBERG BBD RAMBO	4.98	91	97	88	115	121	92	117	116	118	136	121	124	22	2	11	1	1	10
		MES MILEY		33	41	61	71	53	82	71	81	72	73	75	78			11			1
REGAL BRAVE	2016	MIDDELPOS BBD DUKE I	5.26	101	99	85	103	116	88	109	101	111	101	91	100	11	4	4			4
		VOEL GERUS ELZAAN		5	5	43	53	30	66	53	65	54	56	58	62			2			1
MES KIARA	2017	MES ASKAM	7.12	82	102	92	92	90	66	95	96	93	97	83	87	7	1	5			5
		MES MISTY		5	12	49	62	42	75	62	74	63	65	67	71			5			1
ELEVATION MIAMI	2017	ELEVATION DAX	14.22	125	73	79	130	126	99	121	117	114	124	121	124	20	3	9	2	2	7
		QUREDU MIA		33	52	52	65	44	78	64	77	66	68	70	74			9			3
WOEKER BBD ATLANTAH	2018	MIDDELPOS BBD JOCK 1	18.09	116	94	85	124	108	118	106	101	99	111	124	114	9	2	3			2
		DAVIDSE WOEKER MIEKA		5	5	39	51	29	62	50	61	51	53	55	58			3			2
AFRIKA ORPA	2018	ELEVATION TANKWA	6.27	104	111	99	92	103	106	112	111	92	92	83	98	13	1	3			4
		BOSTU AFRIKA OCTAVIA		5	13	33	56	30	72	55	71	57	59	61	66			2			1
MES LEILA	2018	MES ARNOLD 1	10.39	104	95	69	111	101	113	90	106	106	95	110	107	13	4	5	1	1	4
		MES LALLI		5	21	56	62	41	75	61	74	63	64	67	71			4			1
SUID KAAP FLICKA	2018	MIDDELPOS BBD OSCAR 1	28.97	118	109	104	88	95	108	94	107	106	92	94	99	5	2	2			
		SUID KAAP MATILDA		5	5	5	46	5	66	46	65	47	50	54	60			2			
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
KADIMA VOGUE	2021	BREKER FANUS	5.06	82	104	114	94	76	102	77	69	86	83	104	81	9	2	3			
		KADIMA TRUVELO		5	5	36	58	34	72	58	71	59	61	63	67			3			
SA SURVIVAL ZENOBIA	2021	BBS HOBBS	10.18	106	101	93	108	113	117	118	124	107	101	99	114	9	3	1			1
		AFRIKA ORPA		5	5	11	49	19	67	48	66	50	53	55	61			1			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	
BBS VITANI		BBS HOBS	6.67	104	95	94	119	121	109	123	121	120	112	106	119	9	2				
	2022	REGAL BRAVE		5	5	20	47	18	65	46	64	48	50	53	59						
BBS KIKI		ELEVATION BEN 3	9.76	108	77	91	118	117	103	121	109	113	111	109	114	8	2				
	2022	BBS REBECCA		5	5	5	49	18	65	48	64	50	52	55	60						

