

Boerboel Genetic Evaluation

SA Stud Book
February 2026

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BEACON BAY
EAST LONDON
5241



Kennel Number: 712879



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.

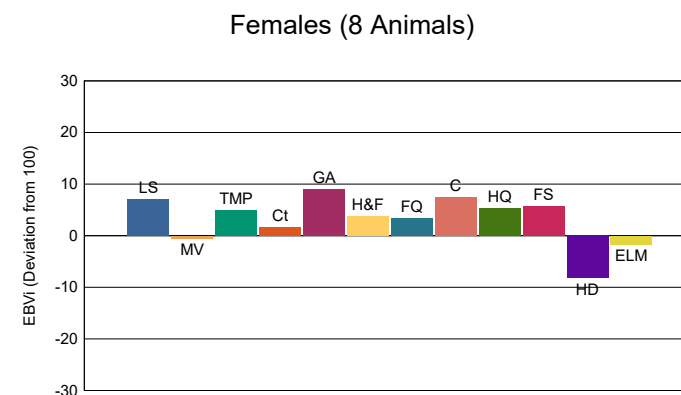
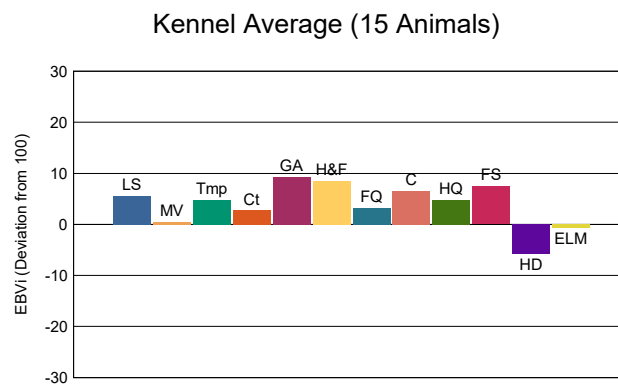
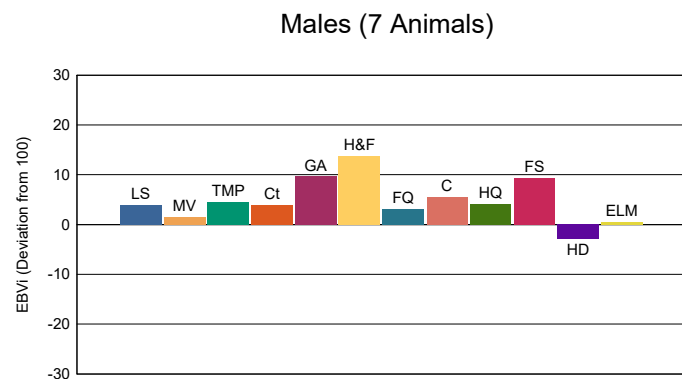
Genetic Trends: The Genetic Trends indicate the genetic change that occurred over time in the animals bred by the breeder compared to that of the breed. These are calculated as the average of the breeding values of all measured animals bred by the breeder, per year of birth.

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	104	107
Movement (Mv)	100	102	99
Temperament (Tmp)	105	105	105
Coat (Ct)	103	104	102
General Appearance	109	110	109
Head & Face (H&F)	108	114	104
Front Quarter (FQ)	103	103	103
Centre (C)	107	106	107
Hind Quarter (HQ)	105	104	105
Final Score (FS)	107	109	106
Hip Health (HH)	94	97	92
Elbow Health (ELM)	99	101	98

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.

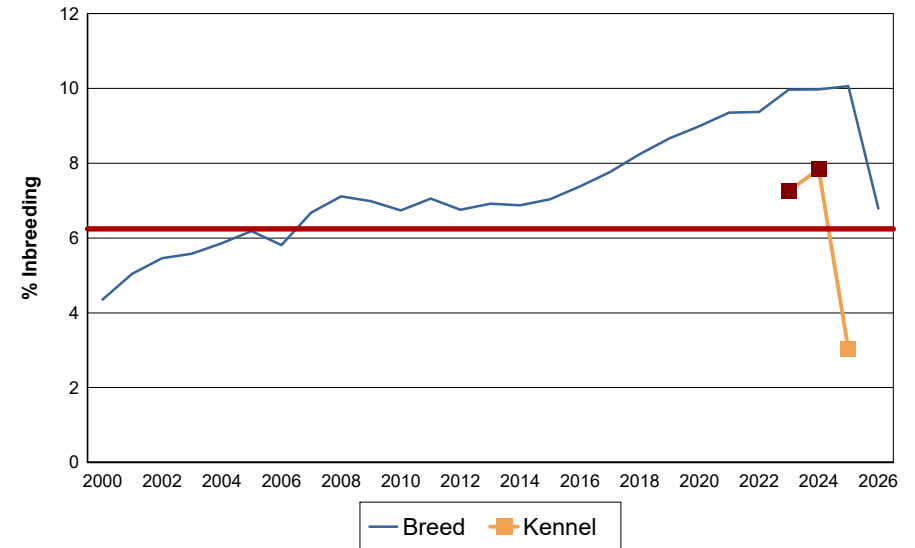
It is therefore highly recommended to record pedigree information as accurately. Inbreeding is dependent on pedigree information. Conventional methods for the calculation of inbreeding coefficients usually assume that unknown parents are unrelated, which is usually far from the truth. Inbreeding coefficients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

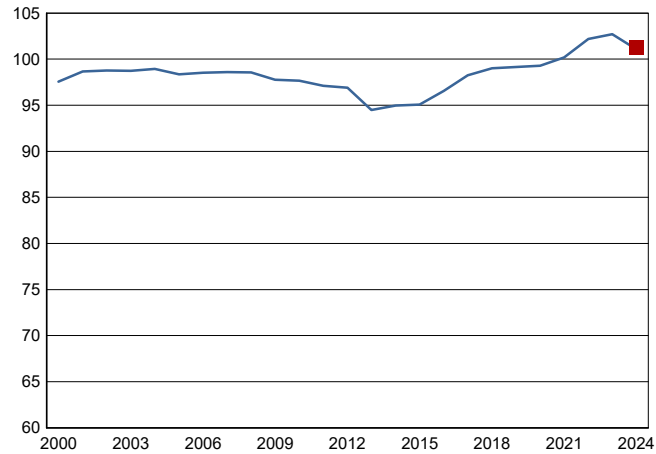


Inbreeding Levels

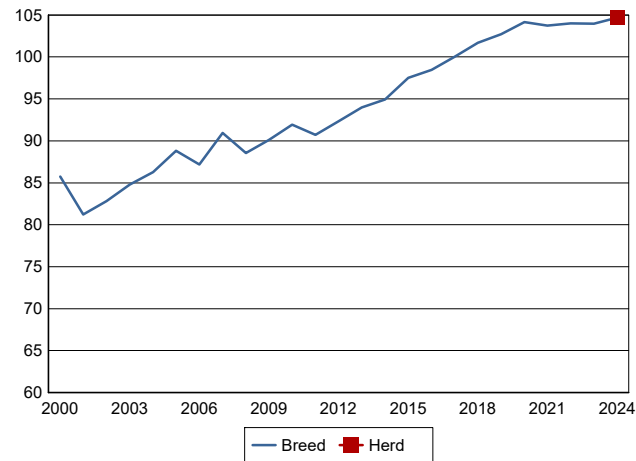
	All Animals		Males		Females		Sires		Dams	
	Kennel	Breed	Kennel	Breed	Kennel	Breed	Kennel	Breed	Kennel	Breed
Number	15	49007	7	25141	8	23857	11	3371	13	6287
Average Inbreeding	8.72	8.49	9.44	8.46	8.09	8.53	7.99	8.01	8.38	8.00
Number inbred	15	48727	7	24990	8	23728	11	24990	12	23728
Number >6.25% Inbr.	11	30600	6	15537	5	15058	7	15537	9	15058

Genetic Trends

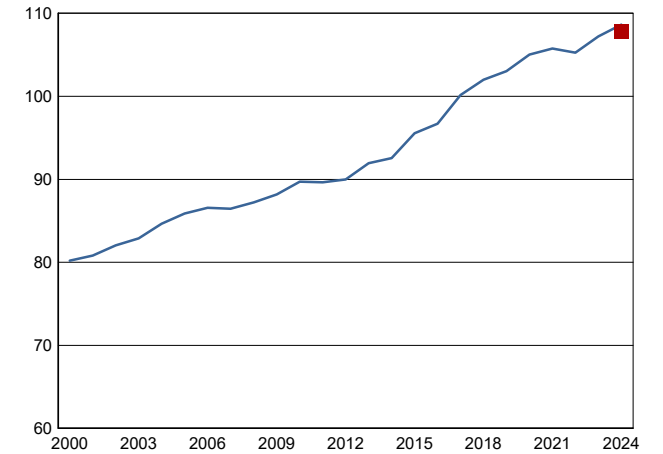
Litter Size



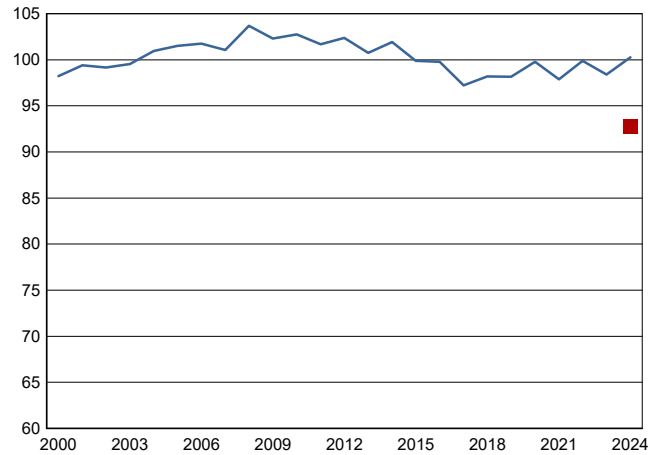
Movement



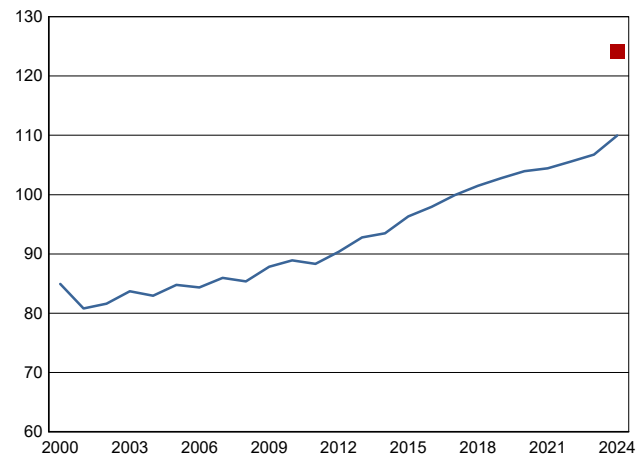
Temperament



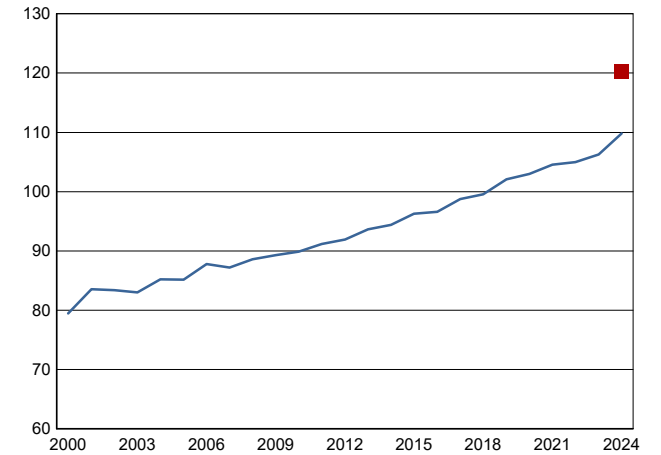
Coat



General Appearance

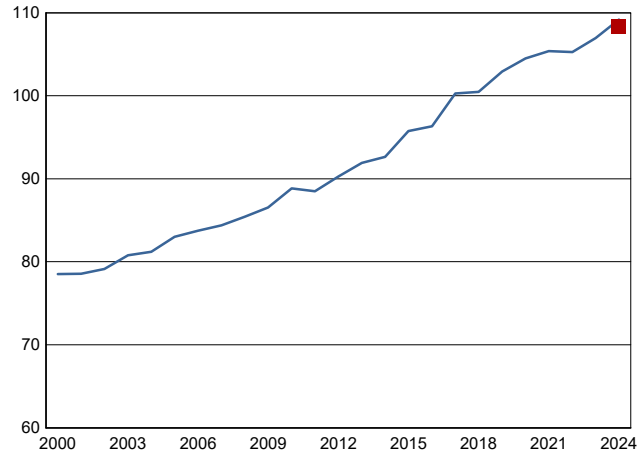


Head & Face

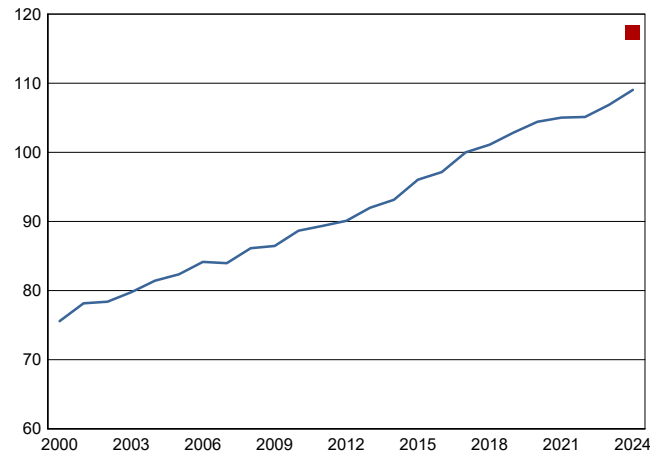


Genetic Trends

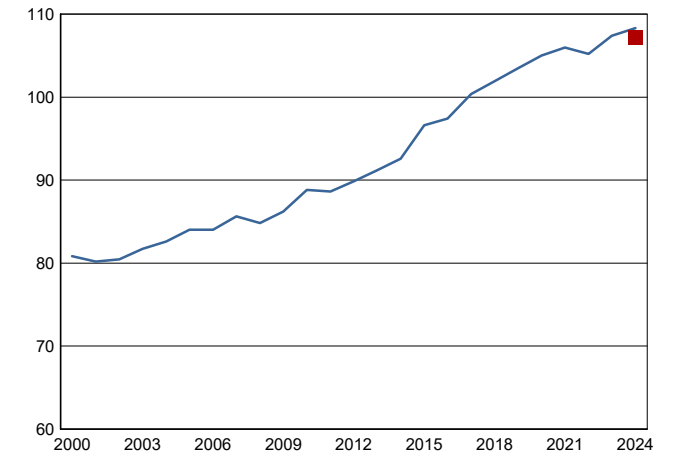
Front Quarter



Centre



Hind Quarter

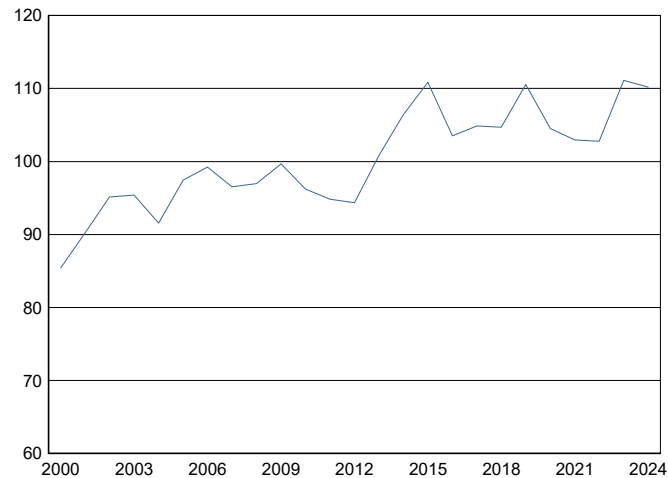


Final Score & Health Traits

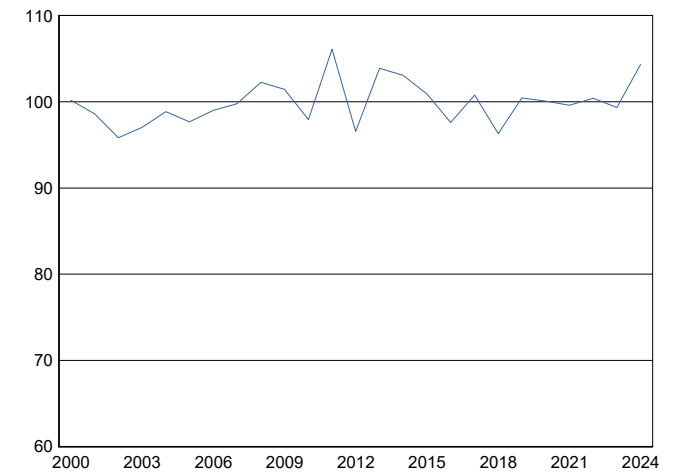
Final Score



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	
BOSTU SOX		BOSTU DUZA	22.24	90	86	125	87	110	107	125	115	93	108	109	111						
	2022	BOSTU DELAYNE		5	20	5	49	9	67	48	66	50	53	55	61						
WOEKER BBD CHALLA		AFRIKA BOETA-BEN	10.52	92	107	109	112	113	108	114	110	105	93	100	107						
	2022	WOEKER BBD STELLA		5	5	13	49	20	66	49	65	50	53	55	60	8	1				
GATEKEEPER POSEIDON		BRIEL THE GHOST	6.26	93	98		97	99	106	120	123	104	112	97	112			1			
	2023	GATEKEEPER BELLA		5	5		49	19	66	47	65	50	53	55	61	3	1	1			
BASTIAN NKOSI		KADIMA TROMPIE	3.14	90	101	106	87	98	109	70	108	109	99	106	104						
	2023	BASTIAN MADISON		5	15	11	46	22	62	45	61	46	49	51	56	5	1				
MALAKAI IRON ARCHER		FONT BOERBOELS SILVER ARROW	9.43	95	104	103	109	106	103	128	123	105	115	108	117						
	2024	FONT BOERBOELS PRINCESS SABA		5	5	5	45	7	64	44	63	47	49	52	58						
MALAKAI CALICO JACK		SWARTKOP BOERBOEL CAPTAIN BLACKBEARD	7.40	104	98	99	117	104	104	97	103	101	99	102	103						
	2024	MASTERMINDS DAIZY		5	5	5	26	5	41	24	41	27	29	32	37						
SWARTKOP BOERBOEL MOHAN		QUREDU BOETIE	7.12	116	109	82	102	102	91	114	114	106	114	107	111						
	2025	MIDDELPOS BBD TILLA		5	5	5	31	5	45	27	45	32	34	36	41						

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	
FONT BOERBOELS PRINCESS SABA	2022	BRIEL THE GHOST	7.10	90	102	110	89	97	102	121	113	103	117	100	108	11	2	3		1	
		FONT BOERBOELS QUEEN SHEBA		5	5	29	53	24	70	52	69	54	57	59	65			2		1	
BASTIAN LADY AGATHA	2023	KADIMA TROMPIE	3.14	90	101	106	84	97	113	81	106	104	91	97	99	9	1				
		BASTIAN MADISON		5	15	11	46	22	62	45	61	46	49	51	56						
KRATOS LADY JANE	2023	KADIMA TROMPIE	4.31	87	101	102	83	91	97	79	87	90	89	104	90						
		KRATOS GOLDIE		5	5	5	47	16	65	47	64	48	51	53	59						
MALAKAI SILVER BOW	2024	FONT BOERBOELS SILVER ARROW	9.43	95	104	103	104	108	86	128	126	112	122	104	118						
		FONT BOERBOELS PRINCESS SABA		5	5	5	46	8	65	44	63	47	50	52	58						
MALAKAI FALLON	2024	GATEKEEPER POSEIDON	7.18	89	103	108	93	102	94	126	116	102	118	103	111						
		FONT BOERBOELS DAKOTA		5	5	5	42	5	62	28	60	43	46	49	55						
BOSTU POPPY	2024	MES BARONNE	14.08	99	89	123	114	111	106	99	73	107	101	115	98						
		BOSTU ADELINE		5	5	24	52	24	68	51	67	53	55	58	62						
LALAS SABRINA	2025	REYDALL BOBBY	13.25	95	79	98	123	127	112	126	109	108	118	118	120						
		REYDALL ULTRA		5	5	5	23	5	41	22	40	24	27	30	36						
FONT BOERBOELS TORI LOSEFO	2025	WOEKER BBD CHALLA	6.22	90	108	108	105	108	103	112	101	102	104	102	104						
		FONT BOERBOELS GEDA		5	5	5	29	5	44	29	43	30	32	35	39						

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 BARONNE		MES MASCOT	10.16	99	100	103	102	99	104	90	92	106	96	105	98	88	15	20			4
	2019	MES MACKLE		5	5	38	69	44	82	68	81	70	72	74	78						3
BRIEL THE GHOST		WIESENHOF MENEER	4.99	91	107	114	103	96	129	107	107	104	108	96	107	93	16	21			14
	2020	ALESSANDRO BELLA		5	5	26	65	36	80	63	79	66	68	71	76						4
KADIMA TROMPIE		BREKER FANUS	5.06	82	104	114	71	84	80	92	90	94	86	102	87	32	6	11			5
	2021	KADIMA TRUVELO		5	5	27	62	37	76	61	75	63	65	67	72						2
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						1
BOSTU DUZA		BOSTU DADDY COOL	8.31	85	86	122	94	116	101	126	109	90	104	109	109	32	3	6			1
	2021	AFRIKA ZUZKA		39	57	36	62	39	76	62	75	63	65	67	71						1
QUREDU BOETIE		ELEVATION ROY	11.94	132	113	86	108	112	89	121	119	113	121	111	117	18	4	1			
	2022	ELEVATION MIAMI		5	24	21	49	23	66	47	65	50	52	55	60						
FONT BOERBOELS SILVER ARROW		FONT BOERBOELS SILVER BULLET	5.31	100	105	95	119	113	95	124	129	109	114	112	121	34	6	12			4
	2022	FONT BOERBOELS LANA		5	5	24	59	31	76	57	75	60	62	65	70						2
WOEKER BBD CHALLA		AFRIKA BOETA-BEN	10.52	92	107	109	112	113	108	114	110	105	93	100	107	8	1				
	2022	WOEKER BBD STELLA		5	5	13	49	20	66	49	65	50	53	55	60						
GATEKEEPER POSEIDON		BRIEL THE GHOST	6.26	93	98		97	99	106	120	123	104	112	97	112	3	1	1			
	2023	GATEKEEPER BELLA		5	5		49	19	66	47	65	50	53	55	61						
REYDALL BOBBY		REYDALL RASPUTIN	7.29	91	89	107	117	116	108	114	99	90	108	115	109	6	1				
	2023	REYDALL KIARA		5	5	13	44	11	63	43	62	45	48	51	56						
SWARTKOP BOERBOEL CAPTAIN BLACKBEARD		MAJALI MAX 2	4.49	98	102	109	110	87	111	80	89	86	85	91	89	37	6	1			
	2023	BOELA LULU		5	5	13	48	19	66	45	65	49	51	54	60						

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	
GATEKEEPER BELLA	2019	KAMMO BBD VEKTOR	17.82	94	89	95	98	97	94	120	120	90	108	102	109	8	2	4			4
		BRAAMBOS SARAFINA		5	5	29	58	30	73	57	72	59	61	63	68						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						1
BASTIAN MADISON	2020	0	0.00	97	99	99	99	99	150	58	119	109	101	102	113	10	2	5			2
		LEGRA GRACE		30	53	23	43	19	61	42	60	44	46	49	55						1
FONT BOERBOELS QUEEN SHEBA	2020	BUSBY ADAM	4.94	89	97	113	81	105	68	130	117	101	125	108	111	20	3	12			9
		FONT BOERBOELS ROSSI		5	5	40	58	30	75	57	74	59	61	64	69						1
BOSTU DELAYNE	2020	BOSTU DADDY COOL	8.89	95	86	129	93	109	107	125	112	98	116	113	114	18	2	5			1
		MES LULU V		34	53	47	63	41	76	62	75	64	65	68	72						1
MASTERMINDS DAIZY	2020	JAMBAL SEKEKAMA	11.56	111	94	89	123	121	98	114	116	117	112	113	118	13	1	1			
		MASTERMINDS PRETTY GIRL		5	5	15	43	11	59	42	58	43	46	48	53						
BOSTU ADELINE	2021	ELEVATION COOPER	9.07	100	78	142	113	116	99	98	90	107	100	114	103	30	3	10	1	1	3
		BOSTU ASHANTI		27	42	56	66	42	79	65	78	67	69	71	75						1
KRATOS GOLDIE	2021	JACOB OLAF	10.67	92	99	90	99	95	107	67	91	88	81	86	86	23	4	7			3
		JACOB RITA		5	5	5	42	5	63	42	62	43	46	50	57						1
REYDALL ULTRA	2021	AFRIKA GHUNTER	5.27	99	68	89	129	139	116	138	119	126	129	121	131	8	2				
		MIDDELPOS BBD IVANKA		5	5	31	52	28	66	51	65	53	55	57	61						
MIDDELPOS BBD TILLA	2021	BREKER CASPER	8.33	100	106	78	97	93	93	106	110	99	106	102	104	11	3	1			
		MIDDELPOS BBD FYE		5	5	24	50	22	68	47	66	51	53	56	62						
FONT BOERBOELS PRINCESS SABA	2022	BRIEL THE GHOST	7.10	90	102	110	89	97	102	121	113	103	117	100	108	11	2	3			1
		FONT BOERBOELS QUEEN SHEBA		5	5	29	53	24	70	52	69	54	57	59	65						1
FONT BOERBOELS DAKOTA	2022	LAIKA BENTLY	5.40	85	107	111	94	108	103	129	109	104	123	112	114	8	2	1			
		FONT BOERBOELS QUEEN SHEBA		5	5	13	49	19	66	47	65	50	52	55	60						

Estimated Breeding Value Indices (EBVi's)

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< 80

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>= 120

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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	
FONT BOERBOELS GEDA		BRIEL THE GHOST	8.28	87	108	106	98	103	98	110	92	99	114	105	101	19	2	1			
	2023	FONT BOERBOELS ROSSI		5	5	26	51	23	67	49	66	51	54	56	61			1			

