

Boerboel Genetic Evaluation

SA Stud Book
February 2026

MR J.C. GUMBI

PLOT 8 RAINHAM
DZIVARASEKWA
HARARE
ZIMBABWE



Kennel Number: 714108



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.

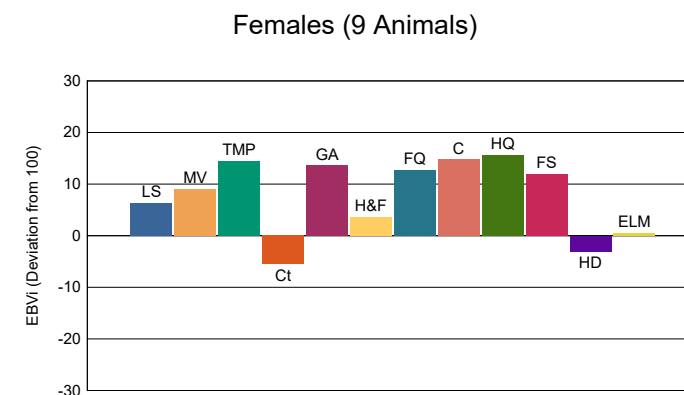
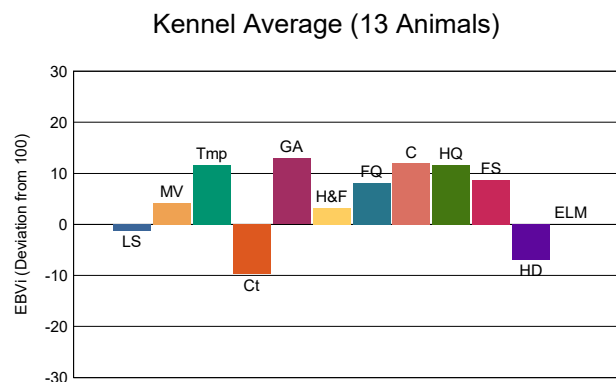
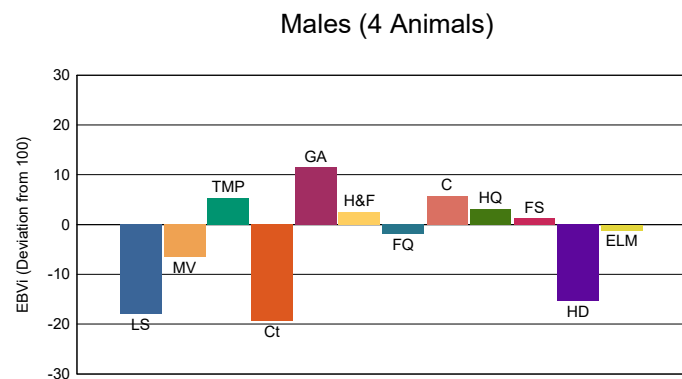
Genetic Trends: The Genetic Trends indicate the genetic change that occurred over time in the animals bred by the breeder compared to that of the breed. These are calculated as the average of the breeding values of all measured animals bred by the breeder, per year of birth.

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)	99	82	106
Movement (Mv)	104	93	109
Temperament (Tmp)	112	105	114
Coat (Ct)	90	81	95
General Appearance	113	111	114
Head & Face (H&F)	103	102	104
Front Quarter (FQ)	108	98	113
Centre (C)	112	106	115
Hind Quarter (HQ)	112	103	116
Final Score (FS)	109	101	112
Hip Health (HH)	93	85	97
Elbow Health (ELM)	100	99	101

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.

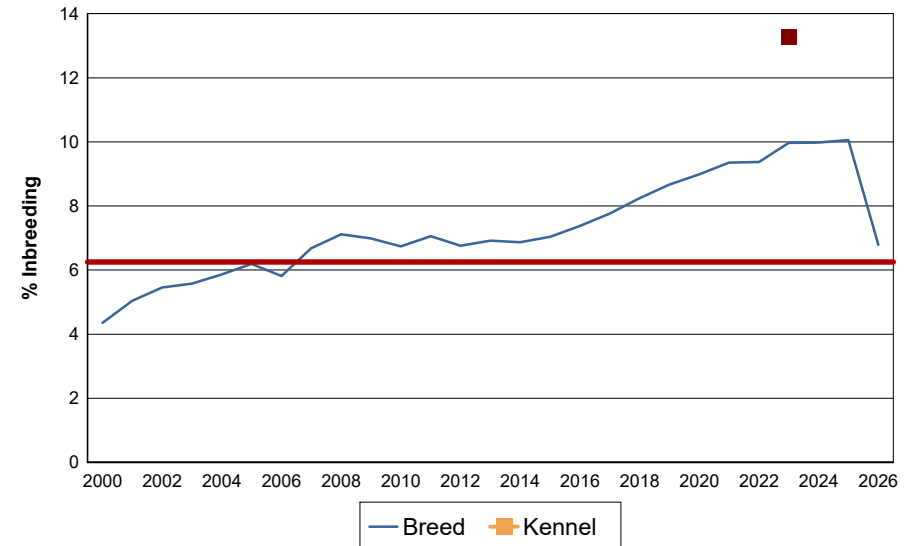
It is therefore highly recommended to record pedigree information as accurately. Inbreeding is dependent on pedigree information. Conventional methods for the calculation of inbreeding coefficients usually assume that unknown parents are unrelated, which is usually far from the truth. Inbreeding coefficients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

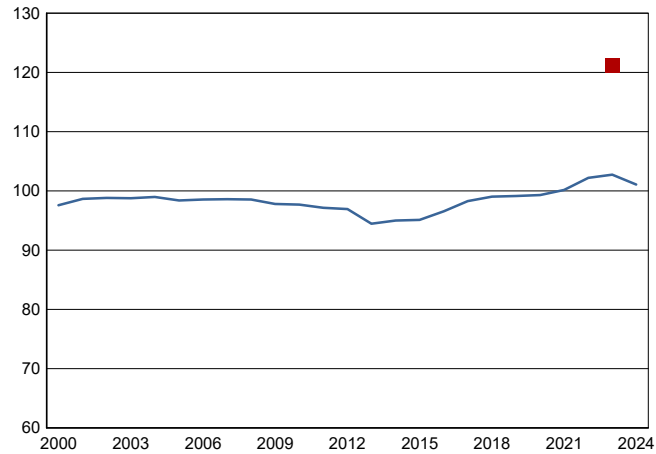


Inbreeding Levels

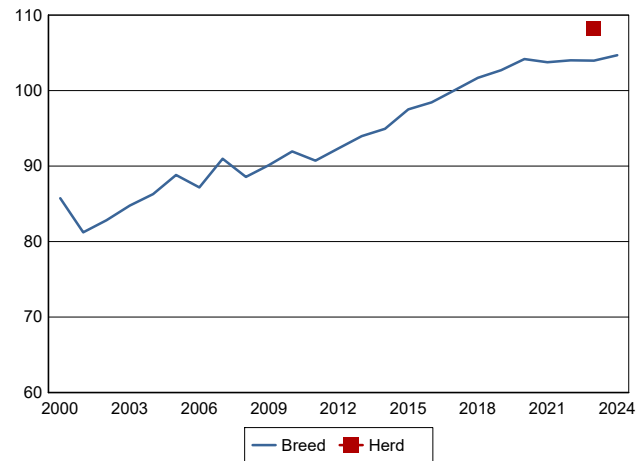
	All Animals		Males		Females		Sires		Dams	
	Kennel	Breed	Kennel	Breed	Kennel	Breed	Kennel	Breed	Kennel	Breed
Number	13	49007	4	25141	9	23857	9	3371	10	6287
Average Inbreeding	9.83	8.49	10.64	8.46	9.47	8.53	10.44	8.01	8.77	8.00
Number inbred	13	48727	4	24990	9	23728	9	24990	10	23728
Number >6.25% Inbr.	13	30600	4	15537	9	15058	9	15537	7	15058

Genetic Trends

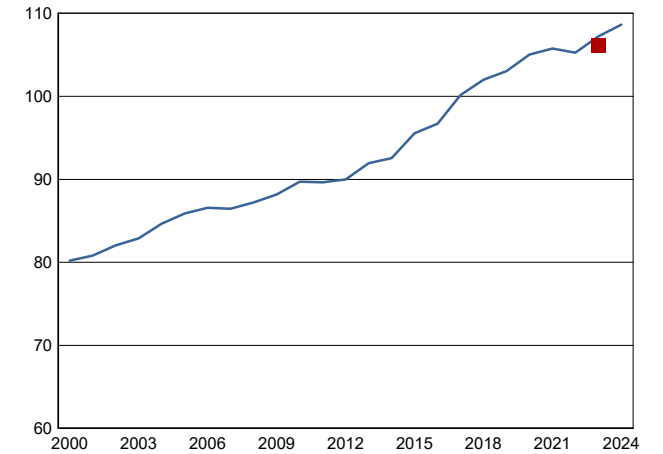
Litter Size



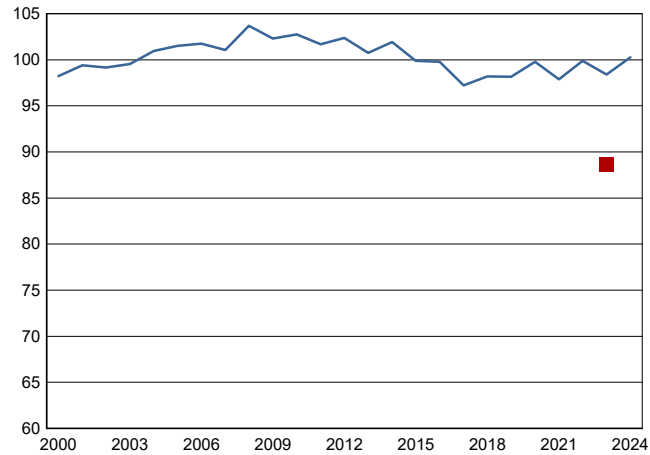
Movement



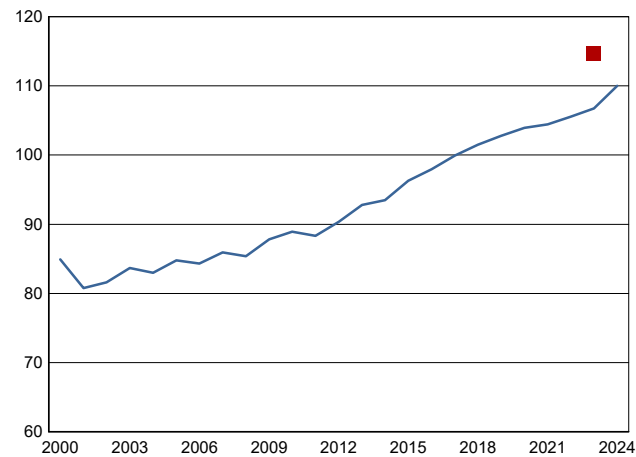
Temperament



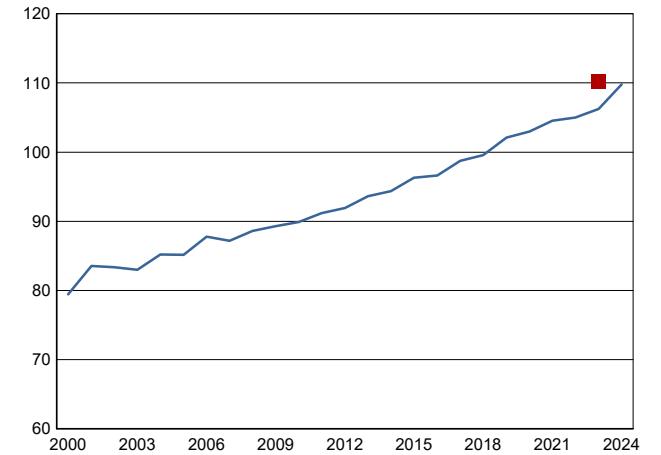
Coat



General Appearance

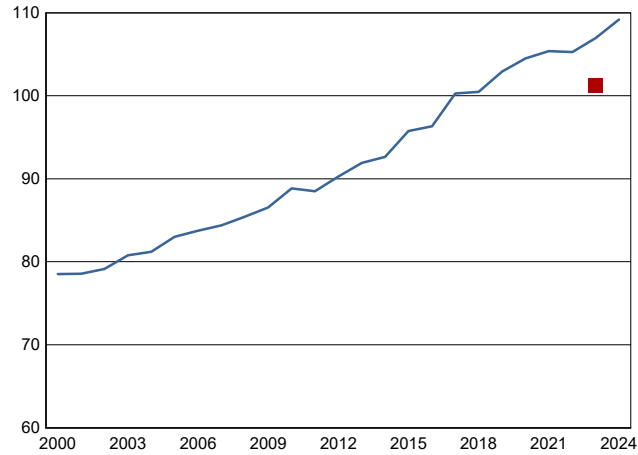


Head & Face

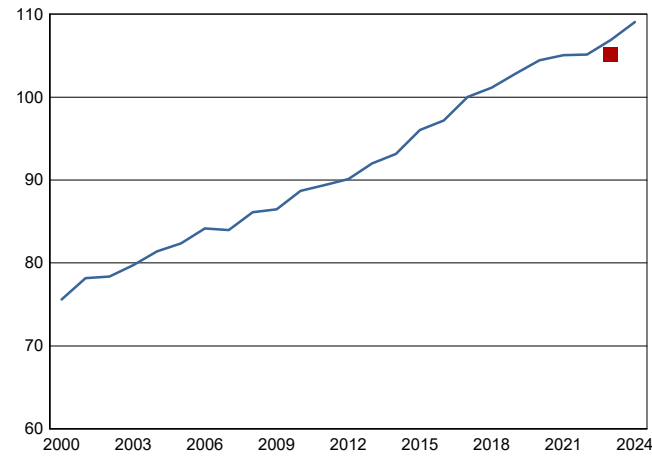


Genetic Trends

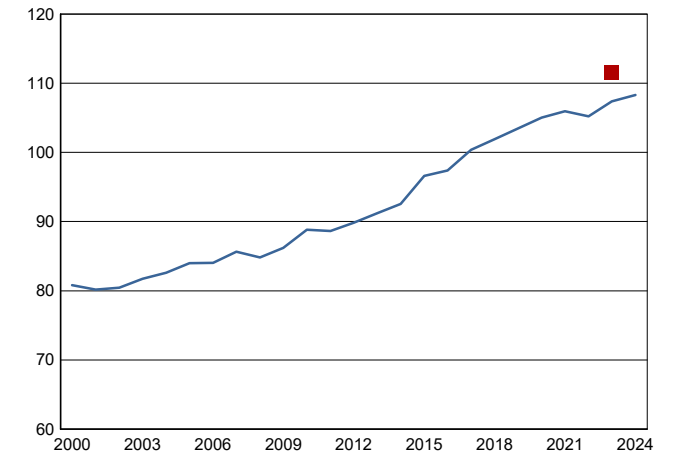
Front Quarter



Centre

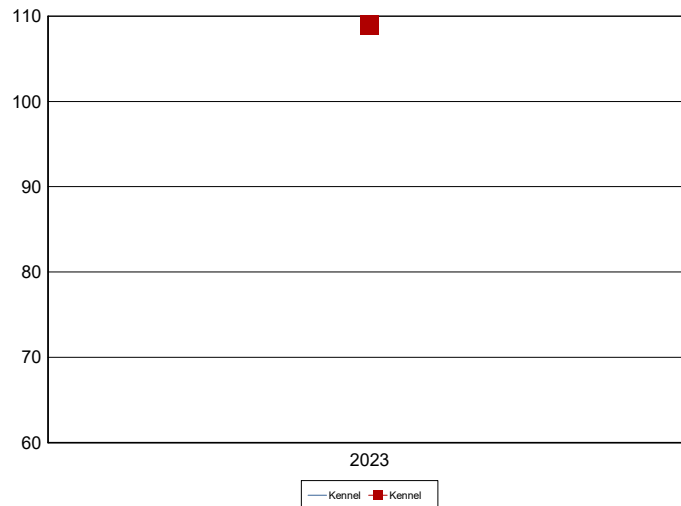


Hind Quarter

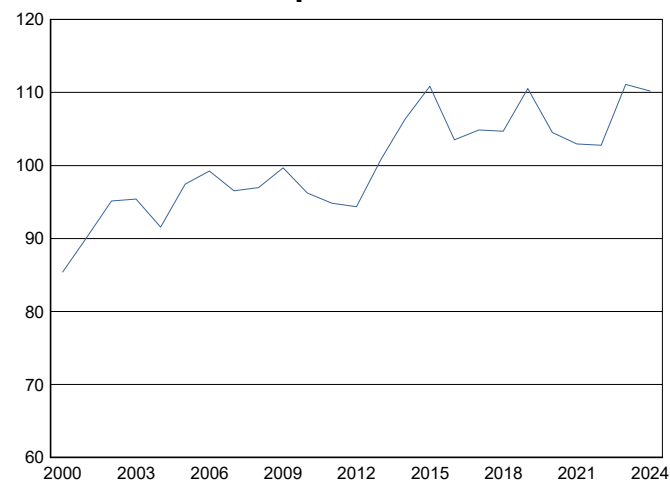


Final Score & Health Traits

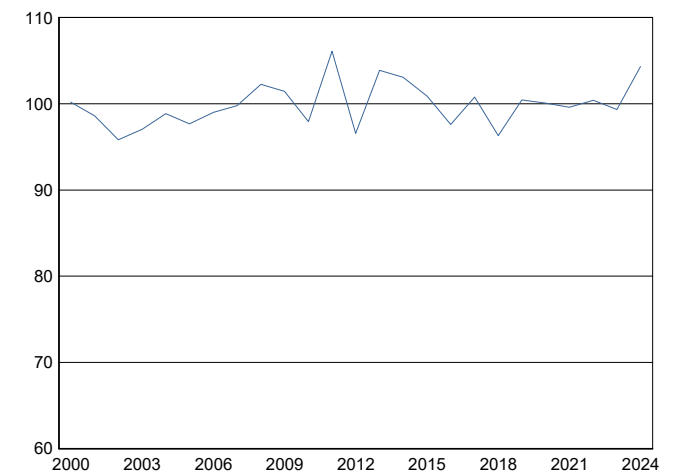
Final Score



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	
JOSMOT BIGBOY		CABARET BORIS (PASELLA)	11.73	76	102	83	75	100	72	118	104	96	103	92	96	24	7	7			1
	2019	TARGUS NOVA		5	5	26	56	30	71	55	70	57	59	61	66			7			1
BOSTU ZECHO		BOSTU ZAZU	17.00	78	92	53	95	105	72	107	109	91	106	105	103						
	2021	BOSTU XHENA		5	5	30	52	23	67	51	66	53	55	57	62						
BODINGTON BOERBOEL GERALT		BODINGTON BOERBOEL BLACK SAM	7.50	93	98	119	106	111	92	107	100	109	111	119	109	5	2				
	2022	BODINGTON BOERBOEL ALICE 8		5	5	7	47	15	65	46	64	48	51	53	59						
BANTU CHAIRMAN		JOSMOT BIGBOY	6.33	92	104	74	98	104	87	114	97	96	103	97	98						
	2023	KING GRANITE HAVOCKESS		5	5	14	42	6	61	41	60	43	45	48	54						

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
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
BOSTU RAZONAH	2021	BOSTU ZAVUKA	9.62	108	99	83	107	114	102	114	110	110	112	113	114				
		BOSTU RONA		12	34	30	50	25	66	50	65	51	53	56	60				
BODINGTON BOERBOEL MARCIA	2022	BODINGTON BOERBOEL MICKEY	7.59	92	98	136	106	104	103	101	105	110	97	102	104				
		BODINGTON BOERBOEL ROSALIE		5	5	10	49	19	66	48	65	50	53	55	61				
BODINGTON BOERBOEL TRISS	2022	BODINGTON BOERBOEL BLACK SAM	7.50	93	98	119	106	111	85	106	98	107	108	117	106				
		BODINGTON BOERBOEL ALICE 8		5	5	7	38	5	52	37	51	39	41	43	47				
BODINGTON BOERBOEL TESSA	2022	BODINGTON BOERBOEL THE ROCK	7.46	84	104	114	94	112	97	106	101	111	115	110	108				
		BODINGTON BOERBOEL MARY-LOU		5	5	12	48	19	65	47	64	49	51	54	59				
BODINGTON BOERBOEL TOPAZ	2022	BODINGTON BOERBOEL THE ROCK	7.46	84	104	114	86	105	67	98	83	97	100	102	90				
		BODINGTON BOERBOEL MARY-LOU		5	5	12	48	19	65	47	64	49	51	54	59				
KING GRANITE MOILA	2024	ZVIMBEX KGK M2	12.87	104	101	95	117	124	99	132	111	123	130	124	124				
		KING GRANITE SASHA		5	5	5	14	5	39	12	37	16	20	25	32				
KING GRANITE MONTANA	2024	ZVIMBEX KGK M2	11.18	104	98	91	125	123	103	134	114	121	126	122	125				
		KING GRANITE KNOCKOUT		5	5	5	22	5	42	21	41	23	26	30	36				
KING GRANITE MIA	2024	ZVIMBEX KGK M2	12.87	104	101	95	117	124	99	132	111	123	130	124	124				
		KING GRANITE SASHA		5	5	5	14	5	39	12	37	16	20	25	32				
DHL KENNELS BEAUTY	2025	BODINGTON BOERBOEL GERALT	8.66	101	104	108	125	113	98	99	101	111	116	126	115				
		CDH WAKANDA		5	5	5	26	5	43	25	42	27	30	33	38				

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		
CABARET BORIS (PASELLA)		CABARET SON OF A GUN	16.92	90	100	76	70	100	66	103	105	97	94	90	92	28 2	13 12		10 2		
	2014	CABARET KATHU		5	5	43	66	42	78	65	78	66	68	70	74						
BOSTU ZAZU		MES ASKAM	7.38	76	91	37	101	116	83	121	121	105	112	110	114	175 29	52 36	10 11	29 5		
	2016	MES SHAKIRA		47	62	64	80	61	89	80	89	81	82	84	87						
JOSMOT BIGBOY		CABARET BORIS (PASELLA)	11.73	76	102	83	75	100	72	118	104	96	103	92	96	24 7	7 7		1 1		
	2019	TARGUS NOVA		5	5	26	56	30	71	55	70	57	59	61	66						
BOSTU ZAVUKA		BOSTU ZAZU	16.52	99	96	82	118	113	101	105	117	114	109	116	117	45 7	15 9	4 4	5 3		
	2020	MES ALUSHKA		41	60	44	68	42	81	67	80	68	70	72	77						
BODINGTON BOERBOEL MICKEY		KAMMO BBD SAMWELL	7.36		89	122	100	109	78	111	113	110	102	103	106	70 10	17 13	2 2	4 1		
	2020	BODINGTON BOERBOEL SAVANNA			30	29	63	37	79	62	78	64	67	69	74						
BODINGTON BOERBOEL BLACK SAM		KAMMO BBD SAMWELL	6.30	92	89	116	109	117	61	113	99	102	117	123	108	14 2	6 5		3 1		
	2020	BODINGTON BOERBOEL BLACK ROSE		11	31	33	57	32	73	56	72	58	60	62	67						
BODINGTON BOERBOEL THE ROCK		TARGUS RAM	13.93	62	111	93	73	95	97	105	102	101	111	96	99	47 9	10 6		2 1		
	2020	BODINGTON BOERBOEL PHOEBE		5	5	29	63	37	78	62	77	64	66	69	73						
ZVIMBEX KGK M2		ALESSANDRO BENJIE	6.36	104	101	95	121	128	98	141	123	129	139	131	134	19 4	3 1				
	2022	KING GRANITE KELLY		5	5	9	46	12	66	46	65	47	50	53	59						
BODINGTON BOERBOEL GERALT		BODINGTON BOERBOEL BLACK SAM	7.50	93	98	119	106	111	92	107	100	109	111	119	109	5 2					
	2022	BODINGTON BOERBOEL ALICE 8		5	5	7	47	15	65	46	64	48	51	53	59						

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	
TARGUS NOVA	2017	SPITSVUUR BBD TOKARA DRIFTER	8.34	62	103	94	82	98	70	126	107	99	120	100	103	14	1	8		8
		AREA BOERBOELS ROSE		5	5	47	61	40	72	60	71	61	63	65	68			7		1
BOSTU XHENA	2018	GRASLAND GBT MARKUS	3.52	80	93	68	92	93	77	87	95	75	96	100	91	10	2	4		2
		BOSTU HONEY		5	5	48	55	28	72	54	71	56	58	61	66			3		1
BOSTU RONA	2019	GROENBERG BBD RAMBO	4.17	117	101	85	94	119	79	122	109	111	117	107	110	27	5	8	2 2	2
		TARGUS LUNDI		43	58	63	59	42	71	59	71	60	62	64	67			4		1
KING GRANITE HAVOCKESS	2020	IVANOK KING	4.45	107	107	65	117	109	96	116	97	104	112	110	107	8	3	3		2
		GIANTS OF AFRICA HAVOCKESS		5	5	39	44	13	62	43	60	45	47	50	55			3		1
BODINGTON BOERBOEL MARY-LOU	2020	KAMMO BBD SAMWELL	12.35	105	96	135	121	125	88	102	85	109	105	118	104	18	3	5		3
		MAWEZA DEBIE		5	5	39	57	31	73	57	72	58	60	63	68			4		1
BODINGTON BOERBOEL ROSALIE	2020	SPITSVUUR BBD NOXTERRA SAHIB	8.50	95	106	150	96	99	122	100	100	113	102	103	105	27	2	9	2 2	3
		BODINGTON BOERBOEL CHARDONNAY		5	5	39	57	26	74	56	73	58	61	63	69			8		1
BODINGTON BOERBOEL ALICE 8	2020	SPITSVUUR BBD NOXTERRA SAHIB	8.50	95	106	122	103	105	109	100	97	112	98	112	105	11	2	6		2
		BODINGTON BOERBOEL CHARDONNAY		5	5	36	56	24	74	55	72	57	60	62	68			3		1
KING GRANITE KNOCKOUT	2023	KING GRANITE SANITIZER	7.07	104	95	87	128	118	107	128	105	113	114	114	115	12	2	2		
		KING GRANITE MUCHANETA		5	5	27	43	7	63	42	62	44	47	50	56			1		
KING GRANITE SASHA	2023	KING GRANITE SANITIZER	12.57	103	101	96	113	121	99	123	98	117	121	116	113	11	2	1		
		KING GRANITE SHUNGU		5	5	13	36	5	60	36	58	38	41	45	52			1		
CDH WAKANDA	2023	CDH WILLIE	18.23	108	110	98	143	114	105	90	102	112	121	133	120	2	1			
		LIZANDO LIZZY		5	5	5	45	5	63	43	62	46	48	51	57					

