

Boerboel Genetic Evaluation

SA Stud Book
February 2026

MR D.T. QUAYE

PO BOX DM8
MAKOLA ACCRA
EAST LEGON
ACCR GHANA



Kennel Number: 696852



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.

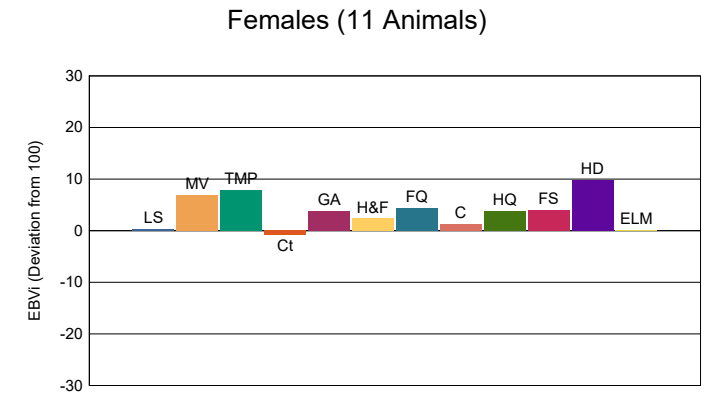
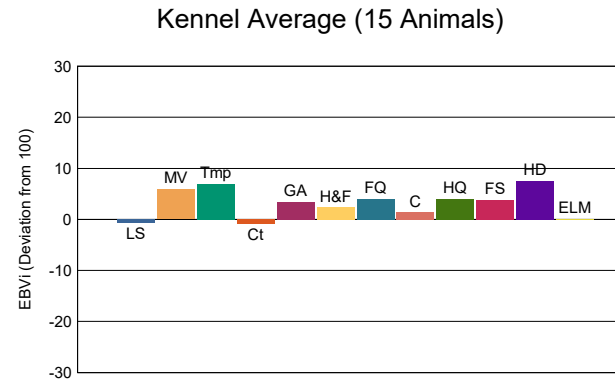
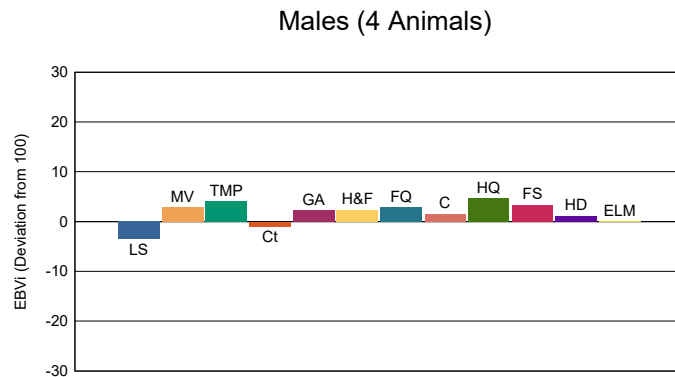
Genetic Trends: The Genetic Trends indicate the genetic change that occurred over time in the animals bred by the breeder compared to that of the breed. These are calculated as the average of the breeding values of all measured animals bred by the breeder, per year of birth.

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

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.

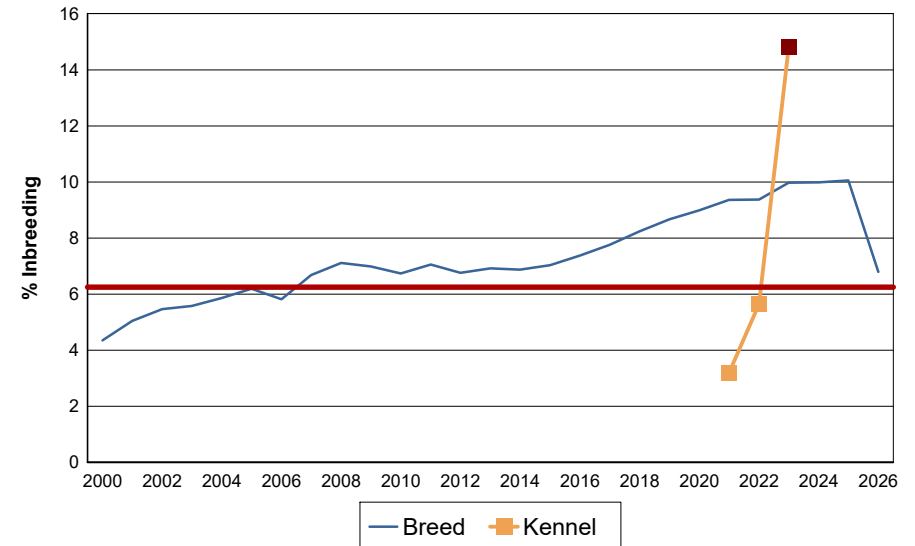
It is therefore highly recommended to record pedigree information as accurately. Inbreeding is dependent on pedigree information. Conventional methods for the calculation of inbreeding coefficients usually assume that unknown parents are unrelated, which is usually far from the truth. Inbreeding coefficients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

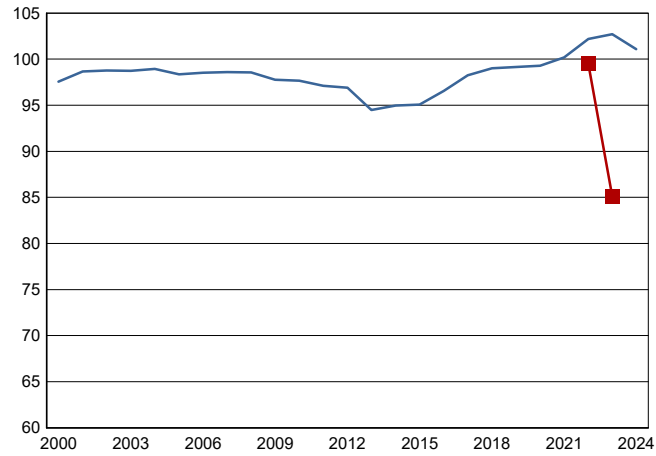


Inbreeding Levels

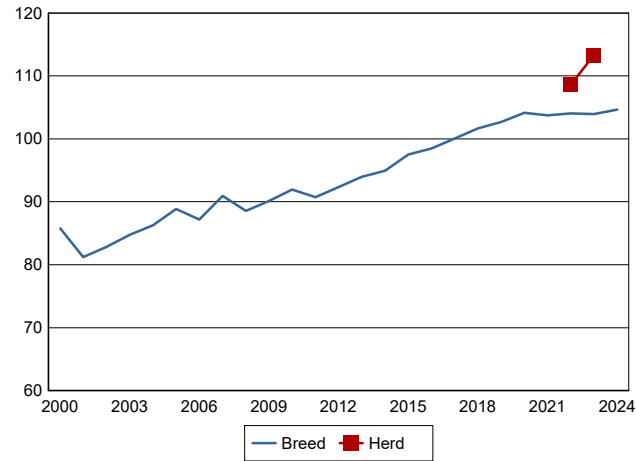
	All Animals		Males		Females		Sires		Dams	
	Kennel	Breed	Kennel	Breed	Kennel	Breed	Kennel	Breed	Kennel	Breed
Number	15	49007	4	25141	11	23857	14	3371	14	6287
Average Inbreeding	8.48	8.49	9.57	8.46	8.08	8.53	8.13	8.01	9.48	8.00
Number inbred	15	48727	4	24990	11	23728	14	24990	14	23728
Number >6.25% Inbr.	8	30600	2	15537	6	15058	8	15537	10	15058

Genetic Trends

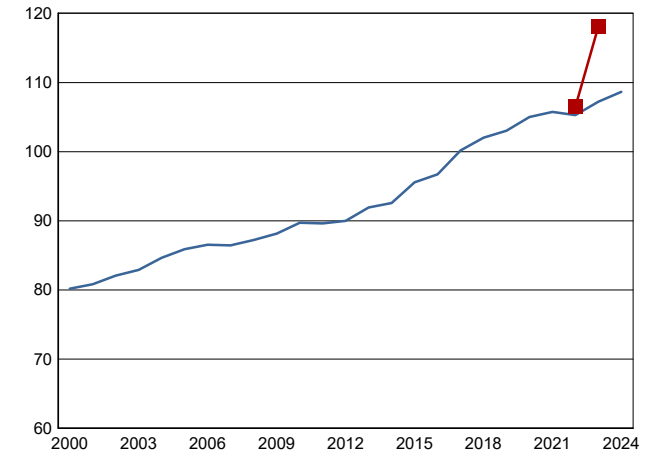
Litter Size



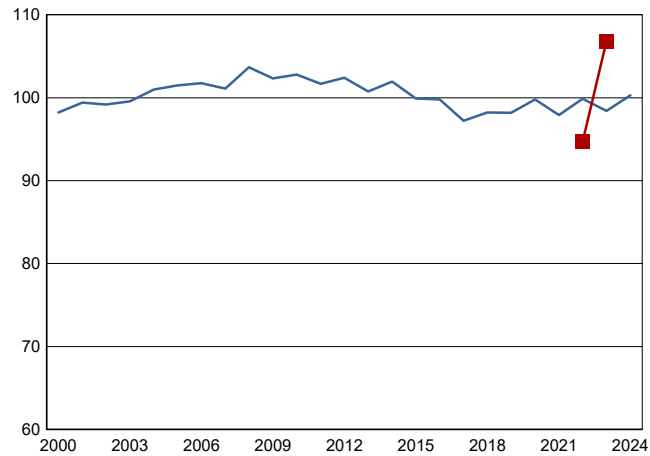
Movement



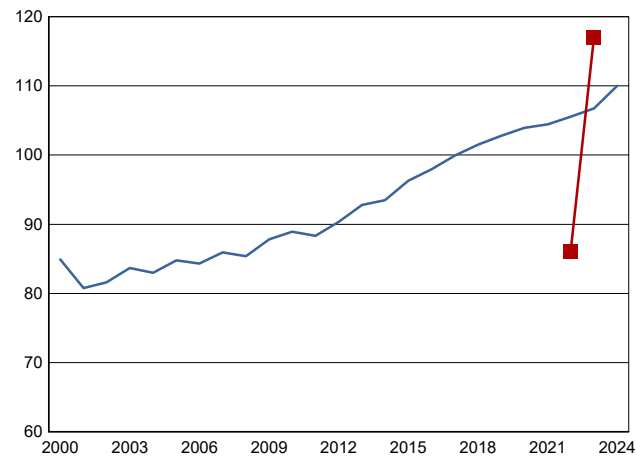
Temperament



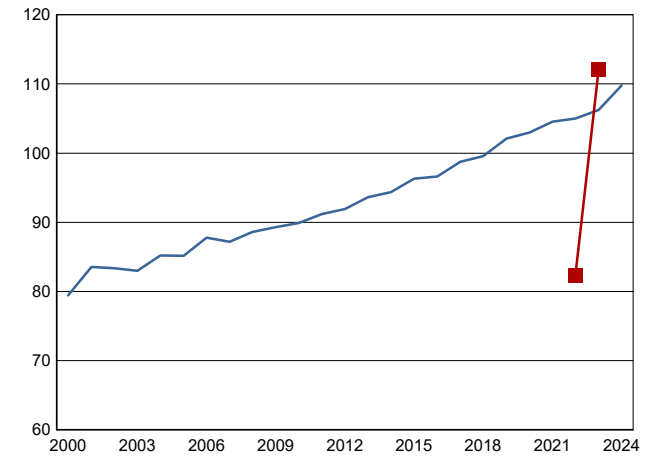
Coat



General Appearance

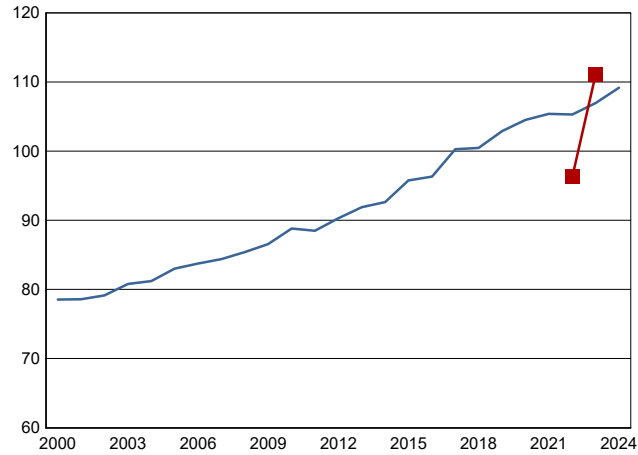


Head & Face

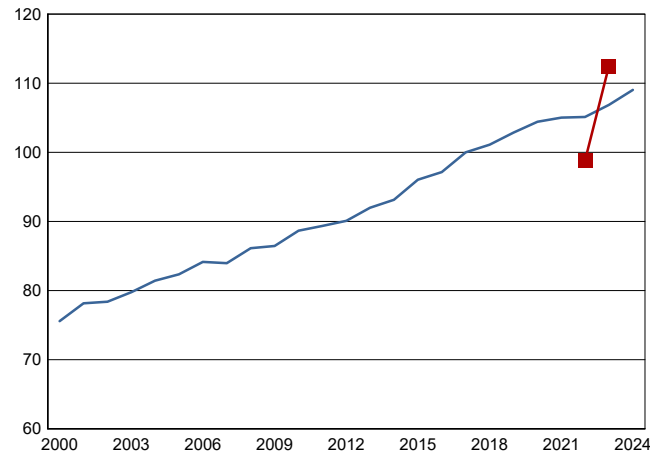


Genetic Trends

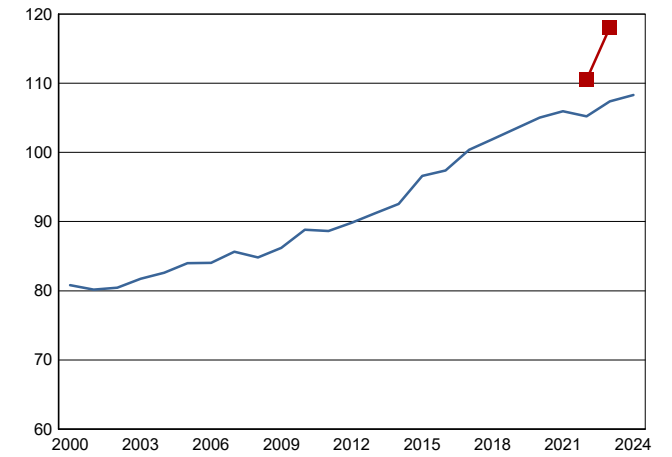
Front Quarter



Centre

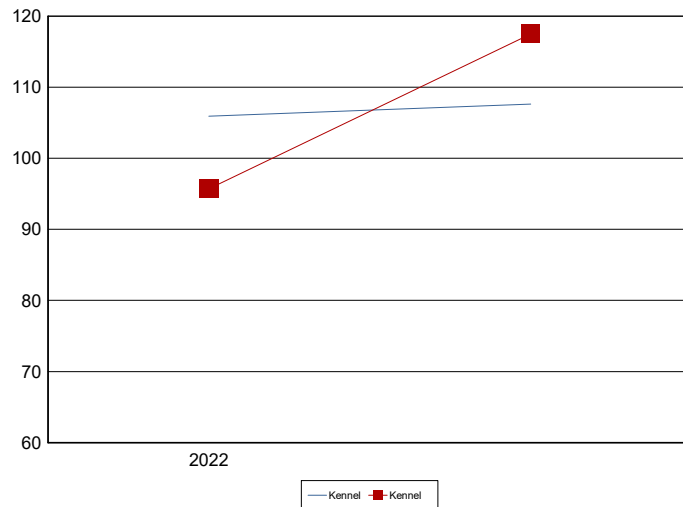


Hind Quarter

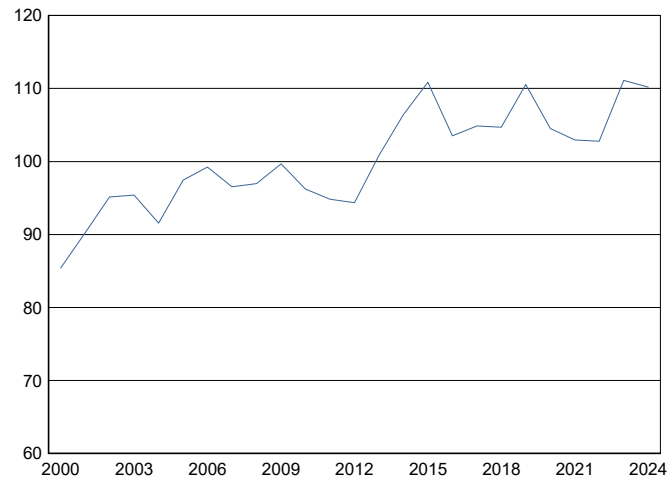


Final Score & Health Traits

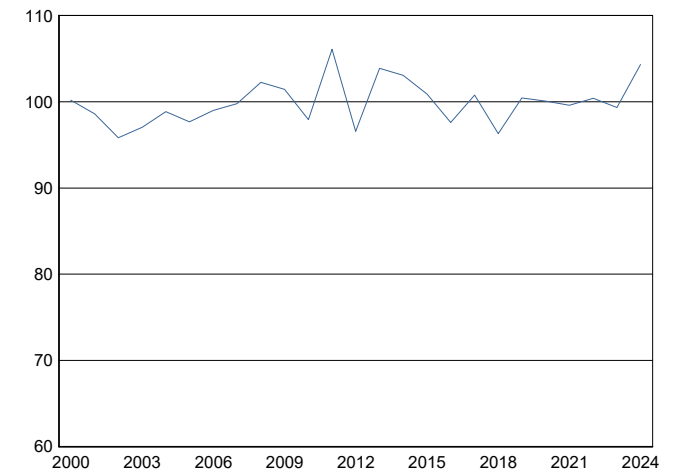
Final Score



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 REIGHDER		CDH SNIPER	13.87	95	113	81	106	112	96	115	111	113	121	109	114	8	5	6			
	2020	CDH THAMMY		5	5	30	54	26	69	53	68	54	57	59	64						
QUADEREK OLIVER		OASIS TITAN	5.15	96	101	101	99	97	99	101	97	95	97	98	97						
	2022	QUADEREK LOLA		5	5	5	8	5	24	7	24	10	13	16	20						
GROOT HASHBROWN		BREKER MENEER	4.10	106	105	84	103	97	97	93	102	99	94	108	101						
	2023	WOEKER BBD POPCORN		5	5	30	47	27	56	46	56	47	49	50	53						
QUADEREK TOBY		A AND A THUNDER GHOST	15.17	108	81	119	103	110	105	101	98	105	95	104	102						
	2023	GROOT TILLY		5	5	5	23	5	35	23	34	24	26	28	31						

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	
ROOFTOP JESSI	2019	MIDDELPOS BBD ROCKY	6.16	122	107	81	115	115	89	114	102	108	109	106	107	1	1	1			
		ABSOLUTE LANUSHKA		5	5	29	47	24	64	47	63	48	50	53	58						
QUADEREK LOLA	2021	BRAAMBOS LESNAR	3.19	97	110	98	99	101	91	96	94	92	92	98	94	7	1				
		APHRODITE NALA		5	5	5	21	5	34	20	33	22	24	26	30						
ELEVATION ROMINA	2021	LINGA LONGA HARLEY 3	5.39	135	131	88	101	102	112	110	118	114	106	92	109						
		ELEVATION MINKI		5	29	29	52	26	66	51	65	52	54	57	61						
SA SURVIVAL WINNIE	2021	BBS HOBS	10.18	106	101	100	106	111	111	117	121	106	104	100	113						
		AFRIKA ORPA		5	5	5	38	7	51	38	50	39	41	43	47						
AJAWUMI GOLDY	2021	TEMISWIFT BYSON	6.90	112	95	103	106	106	93	104	100	103	98	94	99						
		AFRIKA KIARA 8		5	5	15	26	5	39	25	38	26	28	31	35						
GROOT TILLY	2021	MES UNO	12.92	114	82	112	104	111	104	107	102	110	101	112	107	6	1				
		AFRIKA JADORA		5	5	34	36	18	44	36	44	37	38	39	41						
ANKOKEEN BEAUTY	2022	BOSTU MAVARICK	6.23	91	111	92	107	110	93	108	99	107	112	105	105						
		ROCKVIEW XENA		5	5	15	31	5	44	31	44	32	34	36	40						
TRUSTHAVEN LOLEZA	2022	BREKER EIKO	5.25	106	105	91	110	106	101	105	105	101	103	111	107						
		MZANSI ABENA		5	5	5	25	5	37	25	36	26	28	30	33						
QUADEREK OPTIMUS FRANKA	2022	SUID KAAP CAPALDI	9.10	107	95	100	109	107	95	86	82	96	99	111	96						
		CDH TILLY		5	5	5	37	5	56	37	55	38	41	44	50						
QUADEREK TIYANA	2023	A AND A THUNDER GHOST	15.17	108	81	119	103	110	105	101	98	105	95	104	102						
		GROOT TILLY		5	5	5	23	5	35	23	34	24	26	28	31						
HIS KENNELS ALICE	2023	AFRIKA RUGAR I	8.39	111	84	120	118	108	98	96	105	106	95	111	106						
		HIS KENNELS CARGO		5	5	10	31	5	45	30	44	31	33	36	40						

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	with litters	
MIDDELPOS BBD ROCKY		GROENBERG BBD RAMBO	8.21	133	110	94	119	122	91	125	106	121	123	115	117	29	7	10	2	2	14
	2014	MIDDELPOS BBD TRIX		35	38	52	63	50	72	63	71	64	65	66	69			8			4
BREKER MENEER		VOORSLAG BBD PIKSTEEL	3.84	96	107	77	72	80	81	75	111	102	84	94	92	126	22	56	1	1	36
	2015	BREKER NELLA		5	5	56	79	57	88	79	88	80	81	83	86			41			9
CDH SNIPER		GROENBERG BBD RAMBO	4.21	105	111	88	102	128	86	118	108	122	122	115	116	71	12	26	2	2	22
	2016	TOKARA ALSA		29	37	62	74	55	85	74	84	75	77	78	82			22			4
LINGA LONGA HARLEY 3		AFRIKA HAVANNAH	5.56	136	156	91	86	92	80	104	124	116	113	92	107	81	10	31	10	10	18
	2017	LINGA LONGA ZALYN		43	57	47	71	45	84	71	83	72	74	76	80			27			4
BRAAMBOS LESNAR		BRAAMBOS ROMMEL	5.23	79	108	104	93	94	82	82	88	78	76	85	81	15	2	1			2
	2018	SUMSARE BLACK SUE 1		5	5	17	46	19	64	46	62	47	50	52	58			1			2
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
A AND A THUNDER GHOST		MES RUBENSTEIN	9.80	101	80	127	102	109	106	94	94	99	89	96	96	10	4				
	2019	ALEXANDER BBD STORM		5	11	37	52	32	64	52	63	53	54	56	60						
BOSTU MAVARICK		TARGUS RAM	10.75	73	106	84	112	106	107	103	103	105	108	97	105	15	5	1			
	2019	BOSTU MOLLY		5	9	35	56	34	70	56	69	57	59	61	65			1			
MES UNO		GROENBERG BBD RAMBO	17.77	127	104	108	100	112	102	113	104	111	109	117	111	9	3	2			2
	2019	MES MAXI		18	32	50	58	45	64	58	64	58	59	60	62			2			1
TEMISWIFT BYSON		AFRIKA ETHAN	8.39	103	93	115	107	102	93	100	92	97	88	97	93	12	1				
	2019	STEGO MUNA		5	5	19	48	21	65	47	64	49	52	54	59						
BBS HOBS		MES HILUX	14.47	108	91	102	119	120	115	123	131	121	116	118	128	17	4	6			6
	2020	ELEVATION KATINKA		5	5	28	60	34	75	59	74	60	63	65	70			3			2
SUID KAAP CAPALDI		SUID KAAP OMEGA	7.95	110	97	93	111	108	85	84	93	96	91	107	97	8	2	2			
	2020	SUID KAAP TOUCH OF CLASS		5	5	19	43	21	56	43	55	44	46	48	52			2			

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	
OASIS TITAN		SKYVISION GEORGIA	4.97	94	92	104	99	92	106	106	101	98	101	99	100	7	1		
	2021	SKYVISION BBD ITOHAN		5	5	15	34	5	47	33	46	35	37	39	43				
AFRIKA RUGAR I		AFRIKA DANTOR	7.57	115	70	125	102	117	93	115	131	132	117	110	123	33	6	7	1
	2021	AFRIKA DOLLA		5	24	33	57	31	72	56	71	58	60	62	67				

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	
ABSOLUTE LANUSHKA	2015	ANDERSON BBD TANK 2	9.27	111	105	84	120	111	115	107	105	107	102	97	107	4	1	4		4	
		MIGHTY BBD SARABI		5	5	31	42	12	58	42	57	43	45	48	53						
AFRIKA JADORA	2017	MES RUBENSTEIN	5.48	101	60	107	109	110	107	102	100	109	92	106	103	17	3	4		3	
		AFRIKA SURAIJA		25	32	57	56	39	65	55	64	56	57	59	62						
AFRIKA KIARA 8	2018	AFRIKA RAMBOMAX	9.65	122	98	91	105	110	92	107	109	108	108	90	104	10	2	2		1	
		ELDORADO BBD TRIXIE		5	21	48	41	15	52	40	52	41	43	45	49						
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						
ELEVATION MINKI	2018	ELEVATION PEPSI	14.35	134	106	84	120	117	115	110	100	108	108	103	108	27	6	9		1	
		ELEVATION IVY		31	51	53	61	38	75	60	74	62	64	66	70						
APHRODITE NALA	2018	MIDDELPOS BBD ROCKY	5.58	115	112	92	105		100	109	100	106	108	110	107	4	1			1	
		BARNYARD BELLA		5	5	17	29		39	28	38	29	31	32	36						
CDH THAMMY	2018	CDH THUNDER	12.00	85	115	75	105	101	89	104	102	100	114	106	105	16	3	5	1	1	
		AUGUSTYN KIM		5	5	49	54	24	70	53	69	55	57	60	65						
WOEKER BBD POPCORN	2019	WOEKER BBD WOEKER	13.17	116	103	92	134	114	112	111	94	96	104	122	110	17	2	7		2	
		MIDDELPOS BBD FIELA 3		5	5	43	61	37	76	61	75	62	64	66	71						
ROCKVIEW XENA	2019	KLEIN SANDFONTEIN DEJAVU	5.57	110	115	100	101	114	80	112	96	109	116	112	106	3	1				
		MIDDELPOS BBD SALLY 6		5	5	35	48	19	65	47	64	49	51	54	59						
MZANSI ABENA	2020	MUGGEFONTEIN OMEGA THE WARRIOR	8.28	108	102	100	114	114	96	102	99	102	95	106	103	6	1				
		FONT BOERBOELS JIREH		5	5	13	29	5	42	28	41	29	31	34	38						
CDH TILLY	2020	CDH FRIK	19.04	104	93	106	108	109	107	99	99	113	109	108	107	1	1	1			
		CDH TILLA		5	5	21	45	5	62	44	61	45	48	51	56						
QUADEREK LOLA	2021	BRAAMBOS LESNAR	3.19	97	110	98	99	101	91	96	94	92	92	98	94	7	1				
		APHRODITE NALA		5	5	5	21	5	34	20	33	22	24	26	30						

Estimated Breeding Value Indices (EBVi's)

Dams

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< 80

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GROOT TILLY		MES UNO	12.92	114	82	112	104	111	104	107	102	110	101	112	107	6	1				
	2021	AFRIKA JADORA		5	5	34	36	18	44	36	44	37	38	39	41						
HIS KENNELS CARGO		MES MAXON	7.90	106	98	115	135	100	104	77	79	80	74	112	90	14	2	1			
	2022	ABONZO ARTEMIS		5	5	37	45	17	63	44	62	46	48	51	57			1			

