

Boerboel Genetic Evaluation

SA Stud Book
February 2026

0 0 T.M. MOTAUNG

56 REDDERSBURG STREET
WIERDA PARK
CENTURION
0157



Kennel Number: 696244



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.

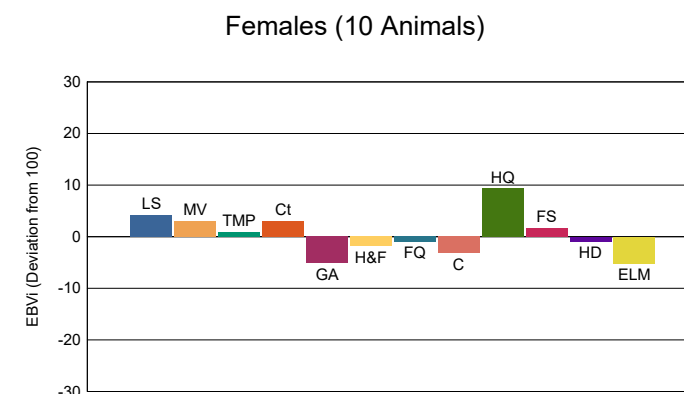
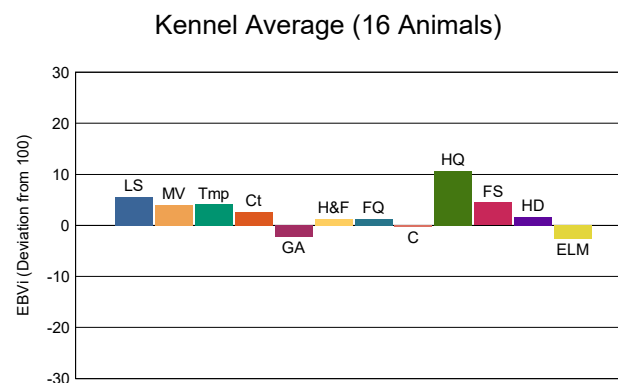
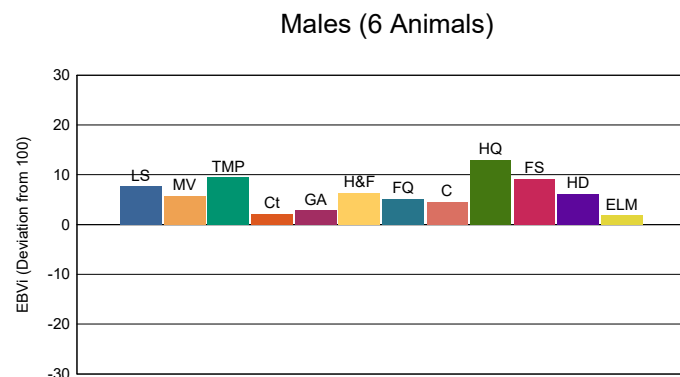
Genetic Trends: The Genetic Trends indicate the genetic change that occurred over time in the animals bred by the breeder compared to that of the breed. These are calculated as the average of the breeding values of all measured animals bred by the breeder, per year of birth.

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

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.

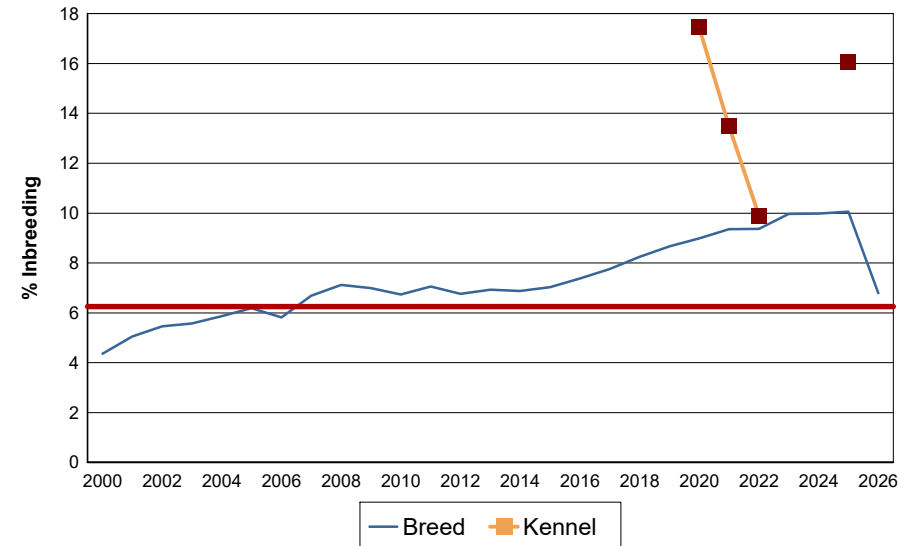
It is therefore highly recommended to record pedigree information as accurately. Inbreeding is dependent on pedigree information. Conventional methods for the calculation of inbreeding coefficients usually assume that unknown parents are unrelated, which is usually far from the truth. Inbreeding coefficients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

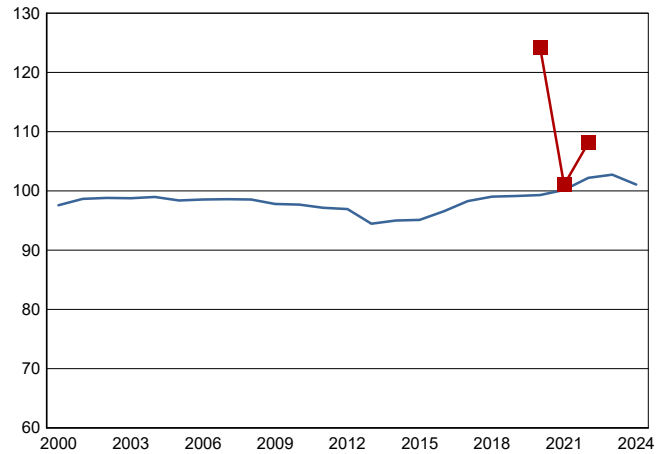


Inbreeding Levels

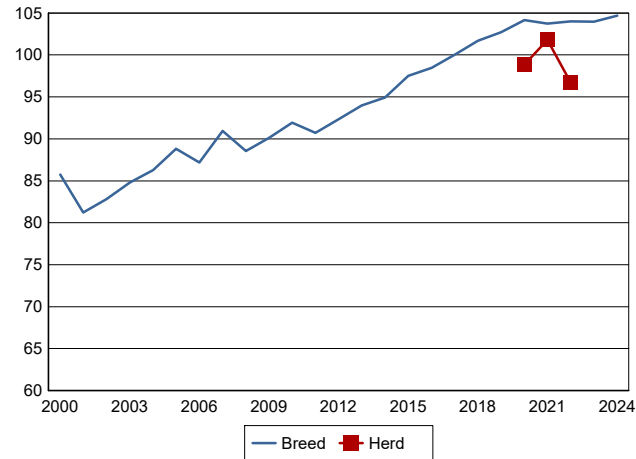
	All Animals		Males		Females		Sires		Dams	
	Kennel	Breed	Kennel	Breed	Kennel	Breed	Kennel	Breed	Kennel	Breed
Number	16	49007	6	25141	10	23857	13	3371	12	6287
Average Inbreeding	11.89	8.49	11.74	8.46	11.98	8.53	11.44	8.01	9.16	8.00
Number inbred	16	48727	6	24990	10	23728	13	24990	12	23728
Number >6.25% Inbr.	15	30600	6	15537	9	15058	10	15537	8	15058

Genetic Trends

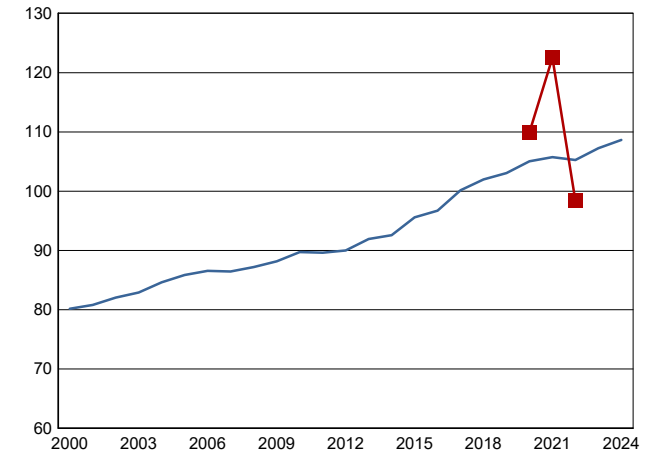
Litter Size



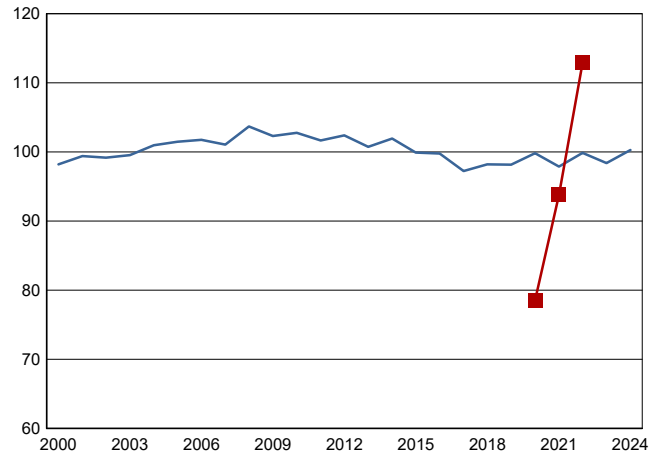
Movement



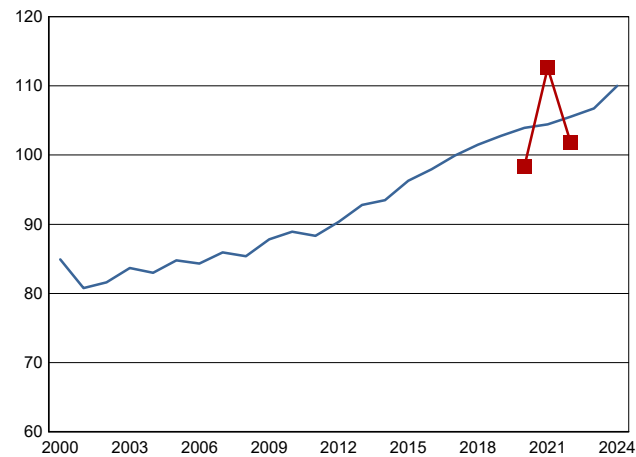
Temperament



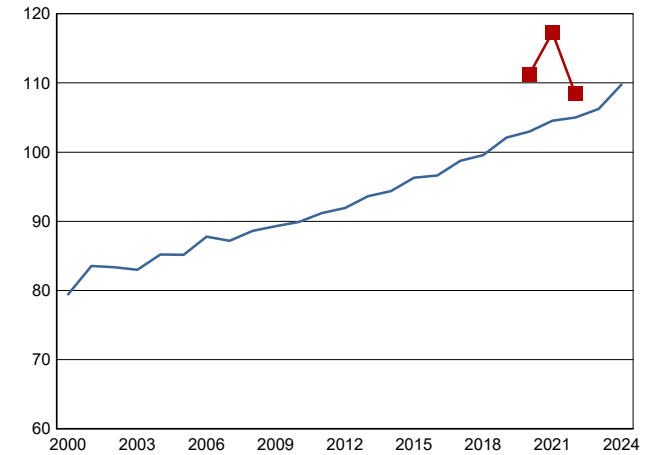
Coat



General Appearance

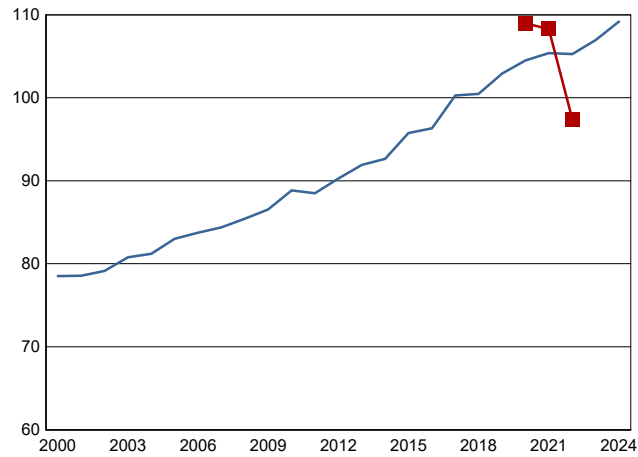


Head & Face

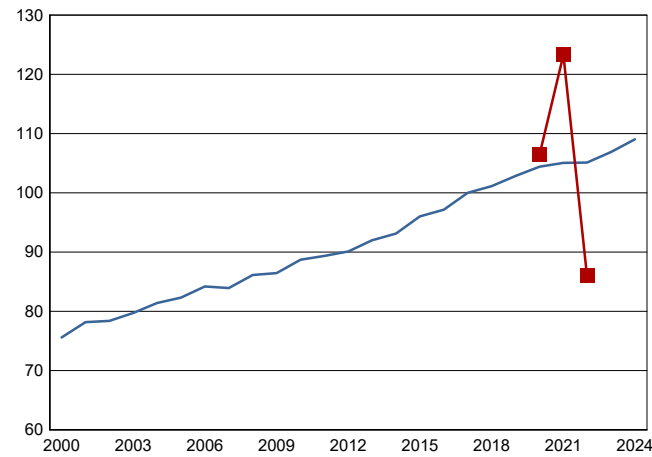


Genetic Trends

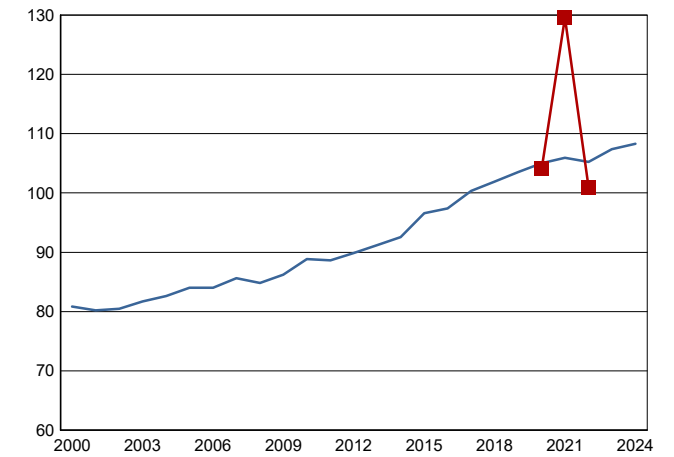
Front Quarter



Centre

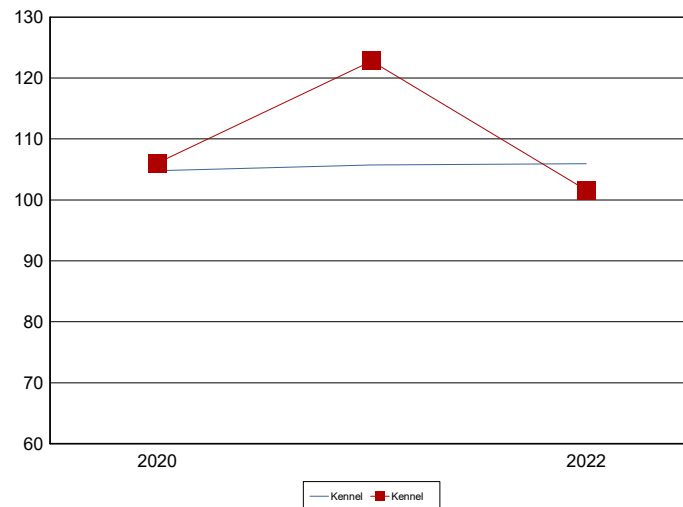


Hind Quarter

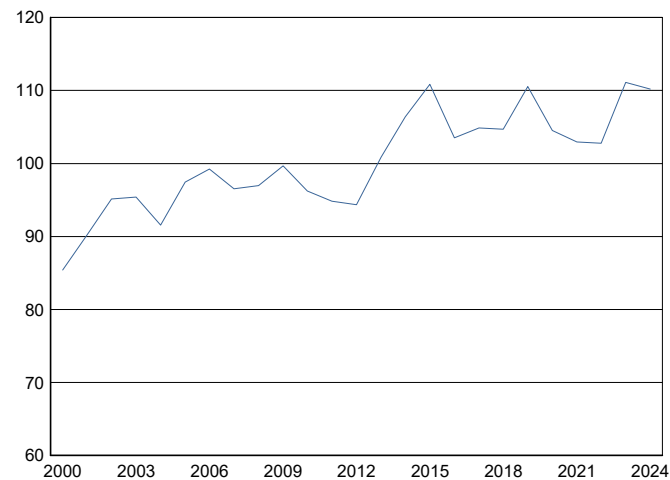


Final Score & Health Traits

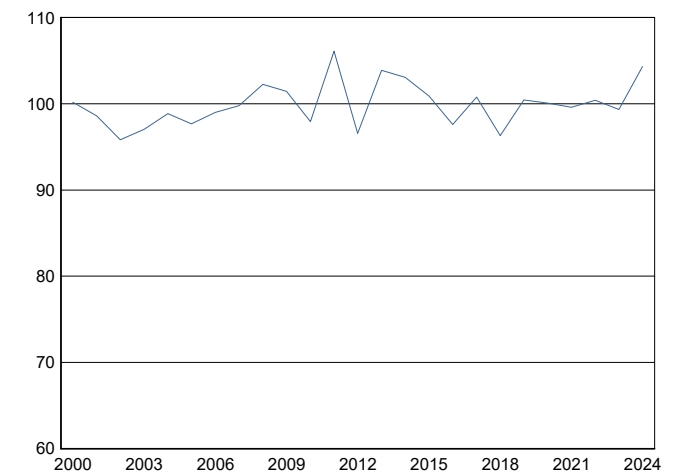
Final Score



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	
KADOS TEXAS		TARGUS BOM BOEL	8.44	101	105	109	100	100	94	78	80	91	94	110	92	90	11	22			15
	2020	MES LULU V		5	5	46	70	47	82	70	82	71	73	75	79						5
ICONIC BRUNO		MARVILLOSO JOHN RAMBO	13.48	108	88	101	102	123	94	113	117	108	123	130	123	12	3	4			2
	2021	NSIZWA AZANIA		5	5	15	50	20	68	49	67	51	53	56	62						1
GOMORA MKHONTO		TERRIBLE TWINS MPIYAKHE	7.86	102	94	96	121	121	105	113	126	121	113	110	122	21	3				
	2021	MES SHIBA		5	5	18	45	14	63	45	62	46	49	51	57						
KLEIN SANDFONTEIN JOHNNY JACKPOT		KLEIN SANDFONTEIN NUTCRACKER	14.35	117	124	124	109	110	104	118	109	112	113	118	115						
	2021	KLEIN SANDFONTEIN DESERT ROSE		5	5	21	51	24	66	50	65	51	54	56	61						
ICONIC BUDDAH		MES HILUX	10.26	106	98	108	105	104	112	105	112	105	94	105	108						
	2022	DEFIANT DUDLU		5	5	14	40	15	51	39	50	40	42	44	48						
ICONIC BENTLEY		KADOS TEXAS	16.07	103	102	109	98	99	103	90	94	94	90	106	97						
	2025	ICONIC HILUX		5	5	5	37	5	49	37	48	38	39	41	45						

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 SKY		ELEVATION BEN 3	7.20	108	86	83	117	104	110	92	106	104	102	111	109	18	2	1			1
	2019	MES LEILA		5	8	32	53	26	69	52	68	54	56	58	63			1			1
BBS TORVI		ELEVATION DAX	12.35	103	83	84	118	116	104	106	120	117	109	116	119						
	2020	MES LEILA		5	21	39	56	35	69	55	68	56	58	60	64						
KADIMA VOGUE		BREKER FANUS	5.06	82	104	114	94	76	102	77	69	86	83	104	81	9	2	3			
	2021	KADIMA TRUVELO		5	5	36	58	34	72	58	71	59	61	63	67			3			
MES MARS		MES WOLWETRAP	17.50	99	100	93	86	93	84	90	83	92	93	100	87						
	2022	MES SCHARLET		5	5	5	42	5	61	41	59	43	45	48	54						
MES TINKERBELLE		MES PETER PAN	18.10	95	97	109	107	108	101	99	110	110	111	123	115						
	2022	MES FELMA		5	5	5	38	5	50	37	49	38	40	42	46						
ICONIC HILUX		MES HILUX	10.26	106	98	108	97	98	113	102	108	97	86	101	102	5	1				
	2022	DEFIANT DUDLU		5	5	14	48	22	65	48	64	49	51	54	59						
FAR NORTH QUEEN		ICONIC BRUNO	10.37	101	89	102	106	114	95	110	114	108	115	117	116						
	2023	DESTRUCTIVE MONALISA		5	5	5	22	5	36	22	35	23	25	28	32						
KADIMA SUGAR EN SPICE		KADIMA DASCHU-COOL	6.77	90	88	133	109	101	115	93	83	87	89	110	95						
	2024	AFRIKA PERAZZI		5	5	26	39	16	51	39	50	40	42	44	47						
ICONIC MOCHA		KADOS TEXAS	16.07	103	102	109	98	99	103	90	94	94	90	106	97						
	2025	ICONIC HILUX		5	5	5	37	5	49	37	48	38	39	41	45						
ICONIC KELE		KADOS TEXAS	16.07	103	102	109	98	99	103	90	94	94	90	106	97						
	2025	ICONIC HILUX		5	5	5	37	5	49	37	48	38	39	41	45						

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	
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						
TARGUS BOM BOEL		CABARET SON OF A GUN	24.74	81	114	66	90	114	79	112	94	103	116	107	102	86 14	38 28	3 3	28 8		
	2016	CRIHATA LILLIE		5	5	57	78	57	88	78	87	79	80	82	85						
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						
BREKER FANUS		BREKER MENEER	15.68	97	107	76	68	71	92	94	111	102	92	104	98	151 21	41 38		27 7		
	2017	BREKER BELLA		5	5	46	75	50	86	75	85	76	78	79	83						
KLEIN SANDFONTEIN NUTCRACKER ZUKANDI BEAU			6.19	124	151	124	116	124	91	136	135	128	131	125	133	119 18	28 25	2 2	24 6		
	2017	LOTTER SANA		34	52	55	74	51	85	73	84	75	76	78	82						
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						
MARVILLOSO JOHN RAMBO		ELEVATION OTTO	14.22	112	99	76	114	124	97	120	115	108	127	134	126	26 5	4 2		4 3		
	2018	QUREDU MAHATMAH		5	19	34	55	34	67	55	67	56	58	60	63						
MES PETER PAN		ELEVATION OTTO	9.26	94	103	94	103	118	103	115	120	120	123	123	124	44 7	12 9		8 2		
	2019	MES FIELA SUSSA		5	19	38	64	41	77	64	77	65	67	69	73						
MES WOLWETRAP		MES MASCOT	10.16	99	100	97	95	103	100	98	99	109	103	107	103	11 5	1 1				
	2019	MES MACKLE		5	5	35	50	30	60	49	59	51	52	53	56						
TERRIBLE TWINS MPIYAKHE		ELEVATION GHETTO-ROUGH	16.36	112	85	97	131	129	100	120	123	120	120	117	126	9 3	2 2		2 2		
	2019	JAMBAL BUHLE		10	40	25	52	27	65	51	64	52	54	56	61						
KADOS TEXAS		TARGUS BOM BOEL	8.44	101	105	109	100	100	94	78	80	91	94	110	92	90 11	22 18		15 5		
	2020	MES LULU V		5	5	46	70	47	82	70	82	71	73	75	79						
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	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	
KADIMA DASCHU-COOL		BOSTU DADDY COOL	5.48	62	93	130	98	85	115	86	65	62	76	99	78	49 10	12		4
	2021	KADIMA TAURUS		16	31	36	63	40	77	63	76	64	66	68	73				2

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		
KADIMA TRUVELO	2018	MAXIPAL TROMPIE	4.32	67	101	157	98	83	106	76	61	79	75	99	75	45	5	15				8
		KADIMA MA-DUECE		17	34	52	62	35	78	62	77	63	66	68	73			15				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	4
		MES LALLI		5	21	56	62	41	75	61	74	63	64	67	71			4		1	1	1
MES LULU V	2018	MES ARNOLD 1	11.46	120	96	132	97	100	118	96	106	107	101	113	108	22	3	12			3	7
		MES MAXI		22	39	61	71	52	81	70	80	72	73	75	78			11		3	3	2
NSIZWA AZANIA	2019	ELEVATION COOPER	6.01	104	77	126	93	113	86	105	111	109	111	105	108	13	2	3				3
		NSIZWA MOROGORO		5	22	44	57	35	71	57	70	58	60	62	66			3				1
MES SHIBA	2019	MES FELIX BOETA	8.92	92	103	94	110	105	115	92	113	106	100	111	111	11	3	1				1
		MES MISHATJIE		5	5	50	56	33	70	55	69	57	59	61	65			1				1
DEFIANT DUDLU	2019	ROKAFELA GLADIATOR	9.25	101	95	105	108	107	105	109	106	100	91	99	103	7	1	1				2
		ROKAFELA LINDSAY		5	5	9	50	19	68	49	67	51	53	56	62			1				2
KLEIN SANDFONTEIN DESERT ROSE	2019	KLEIN SANDFONTEIN HUEY	10.03	111	97	123	105	109	128	115	107	117	113	120	117	20	2	4				1
		KLEIN SANDFONTEIN ELLA		5	21	41	54	33	68	53	67	55	57	59	63			4				1
AFRIKA PERAZZI	2019	MES RUBENSTEIN	5.96	119	83	137	120	118	116	100	101	113	103	121	113	38	5	6				4
		DEO-HAN ZIGGY		8	25	56	61	40	74	61	73	62	64	66	70			6				1
MES FELMA	2021	MES FELIX BOETA	18.47	96	91	123	111	98	100	83	100	99	99	123	106	8	1	4				1
		MES MELISSA		5	5	38	52	26	65	52	64	53	55	57	61			2				1
MES SCHARLET	2021	MES HECTOR II	10.17	100	100	89	91	92	80	86	86	87	87	97	86	6	3	3				
		MES TAMIKO		5	5	43	48	22	61	47	61	48	50	53	57			3				
DESTRUCTIVE MONALISA	2021	MARVILLOSO UNDERTAKER	4.65	93	90	103	109	106	97	107	110	109	107	104	108	2	1	1				
		VORENTOE VLOOI		5	5	12	30	5	41	30	40	31	32	34	37			1				
ICONIC HILUX	2022	MES HILUX	10.26	106	98	108	97	98	113	102	108	97	86	101	102	5	1					
		DEFIANT DUDLU		5	5	14	48	22	65	48	64	49	51	54	59							

