

Boerboel Genetic Evaluation

SA Stud Book
February 2026

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CONROE
TEXAS
77302



Kennel Number: 672927



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.

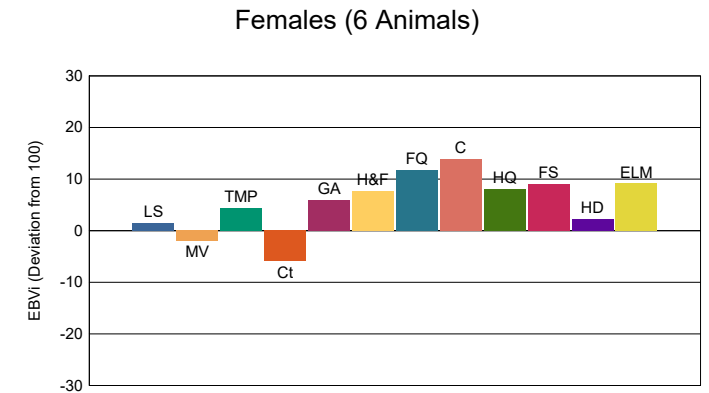
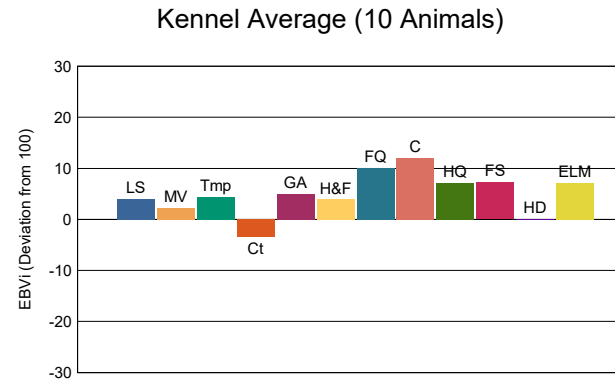
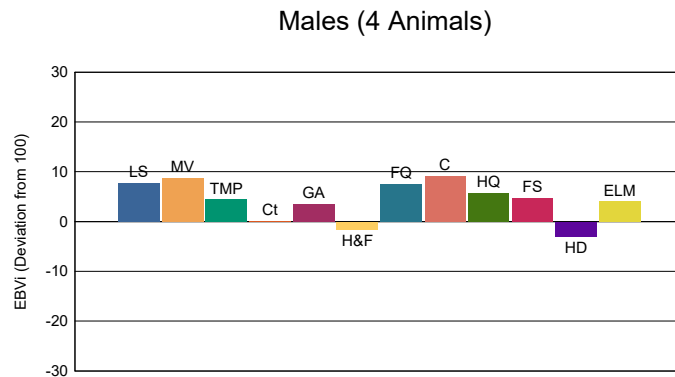
Genetic Trends: The Genetic Trends indicate the genetic change that occurred over time in the animals bred by the breeder compared to that of the breed. These are calculated as the average of the breeding values of all measured animals bred by the breeder, per year of birth.

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)	104	108	102
Movement (Mv)	102	109	98
Temperament (Tmp)	104	104	104
Coat (Ct)	97	100	94
General Appearance	105	104	106
Head & Face (H&F)	104	98	108
Front Quarter (FQ)	110	108	112
Centre (C)	112	109	114
Hind Quarter (HQ)	107	106	108
Final Score (FS)	107	105	109
Hip Health (HH)	100	97	102
Elbow Health (ELM)	107	104	109

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.

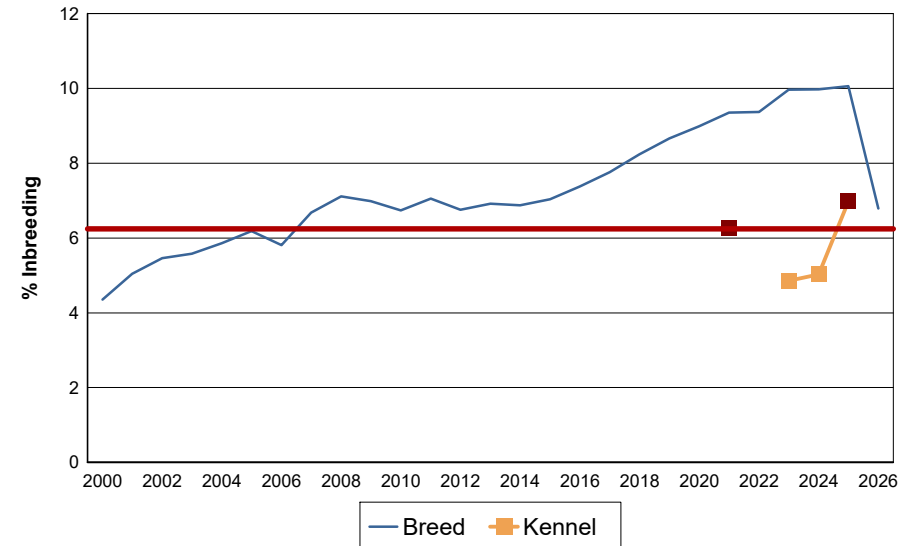
It is therefore highly recommended to record pedigree information as accurately. Inbreeding is dependent on pedigree information. Conventional methods for the calculation of inbreeding coefficients usually assume that unknown parents are unrelated, which is usually far from the truth. Inbreeding coefficients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

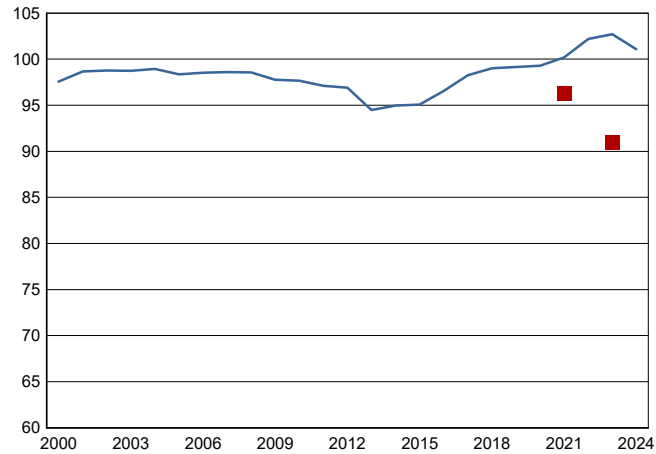


Inbreeding Levels

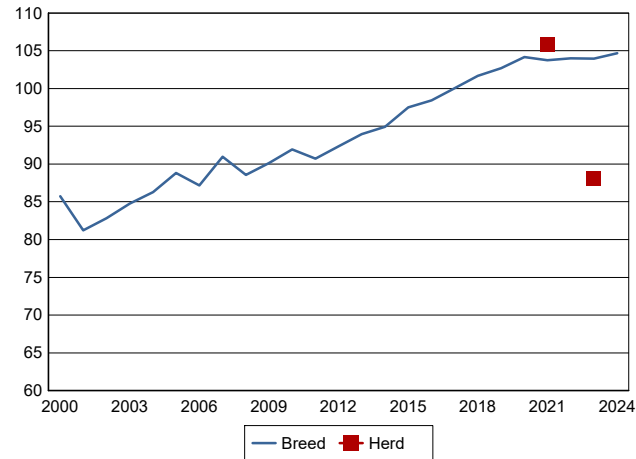
	All Animals		Males		Females		Sires		Dams	
	Kennel	Breed	Kennel	Breed	Kennel	Breed	Kennel	Breed	Kennel	Breed
Number	10	49007	4	25141	6	23857	9	3371	9	6287
Average Inbreeding	8.75	8.49	10.94	8.46	7.29	8.53	7.14	8.01	11.17	8.00
Number inbred	10	48727	4	24990	6	23728	9	24990	8	23728
Number >6.25% Inbr.	8	30600	4	15537	4	15058	6	15537	7	15058

Genetic Trends

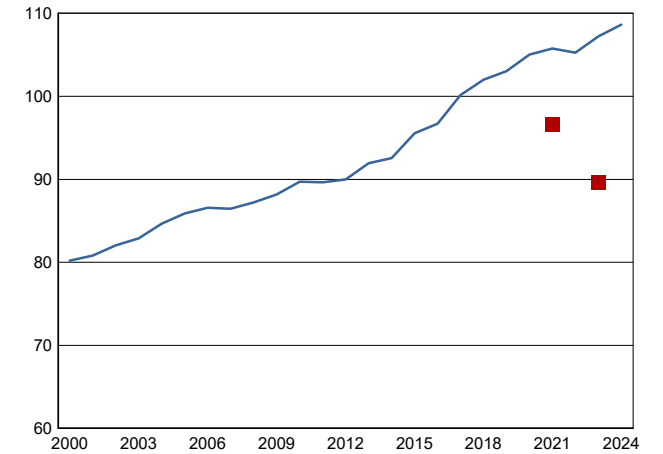
Litter Size



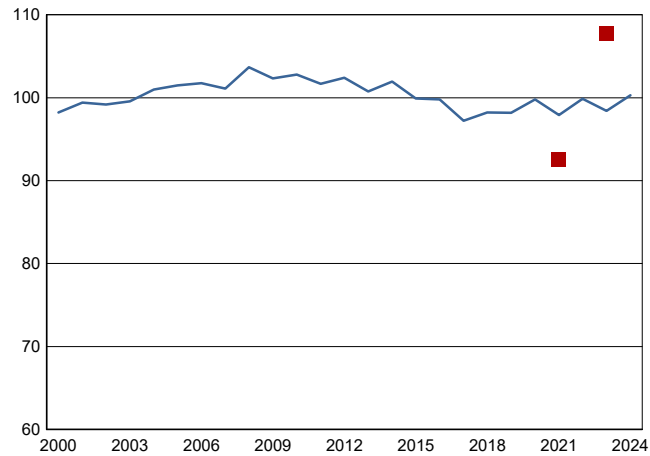
Movement



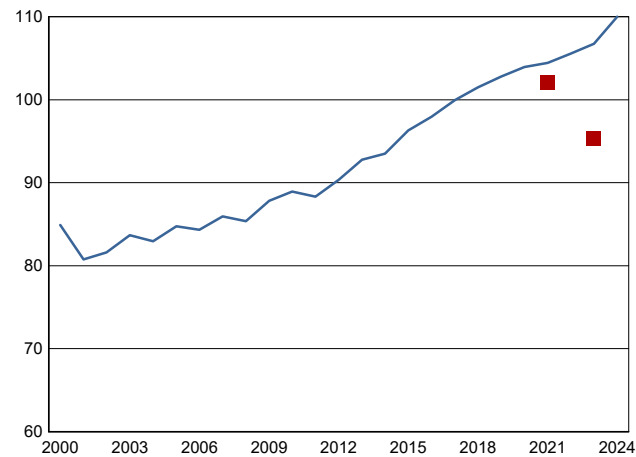
Temperament



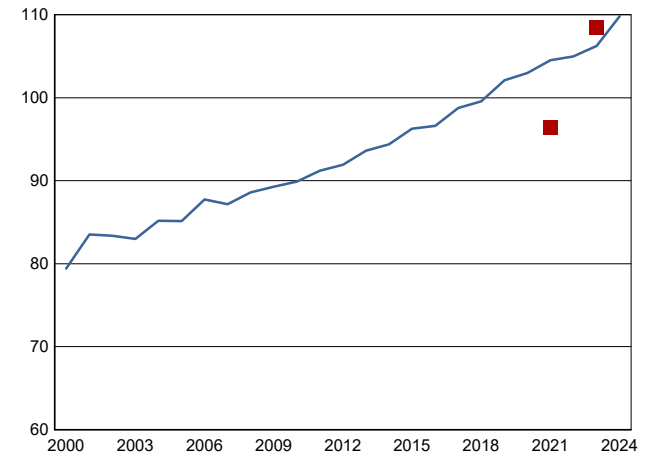
Coat



General Appearance

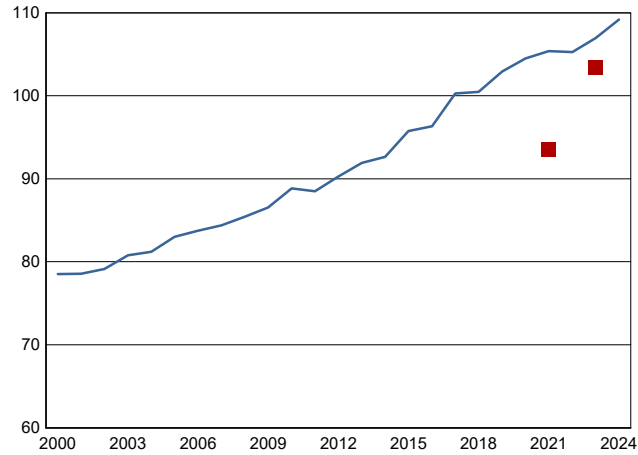


Head & Face

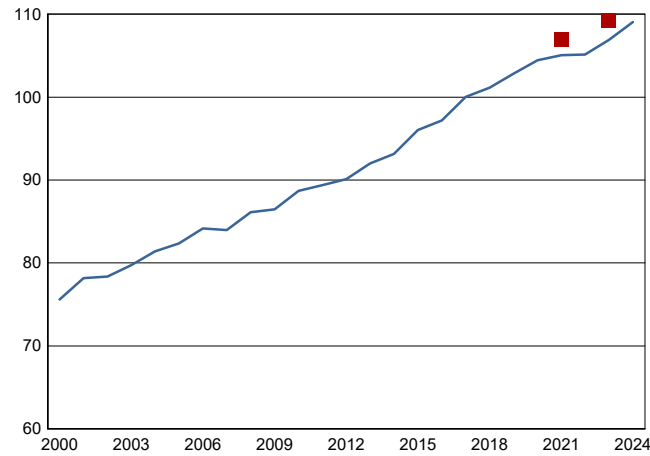


Genetic Trends

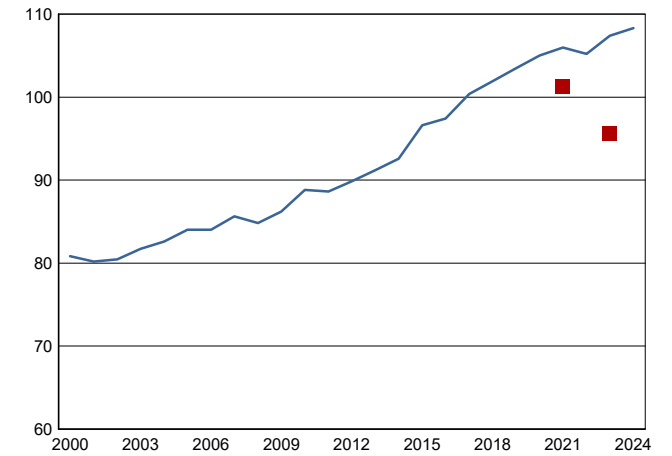
Front Quarter



Centre

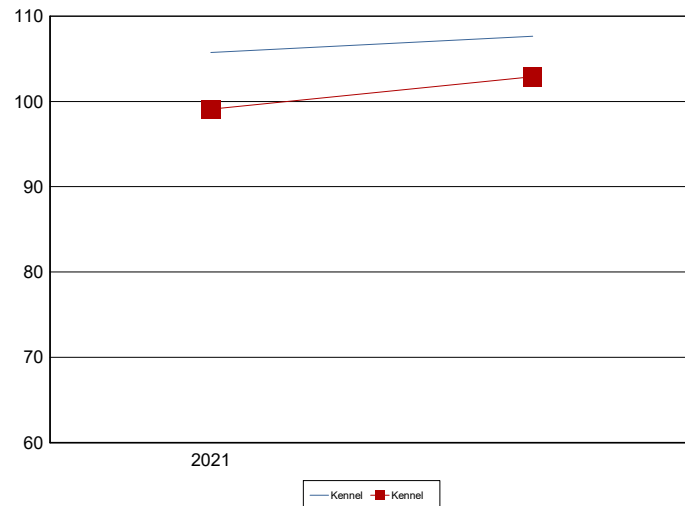


Hind Quarter

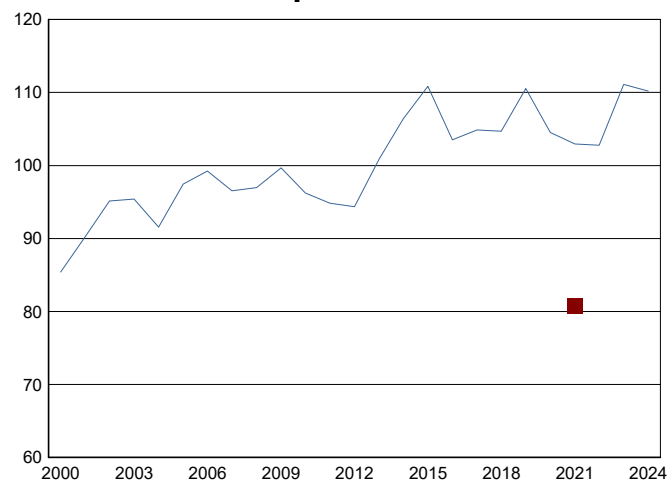


Final Score & Health Traits

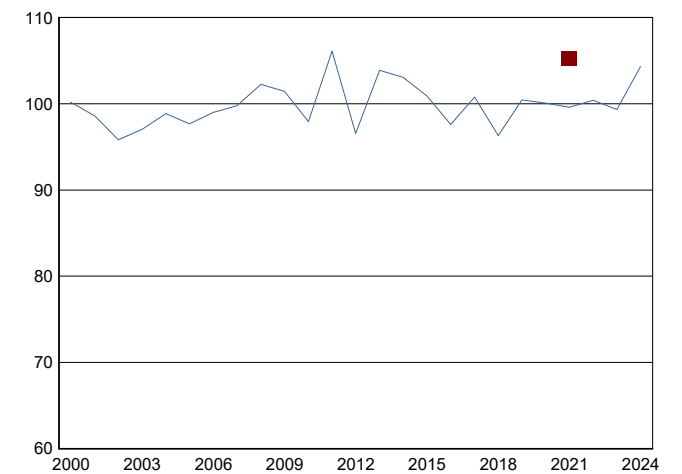
Final Score



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	
ELDORADO BBD CASANOVA		SPITSVUUR BBD TOKARA DRIFTER	11.30	65	118	93	100	96	74	104	90	93	119	103	97	3		1	1	1	
	2017	CABARET PAMELA ANDERSON		5	5	38	55	34	68	54	67	56	57	59	63			1			
GUARDIAN SOLDIER BOY		KLEIN SANDFONTEIN JUDGE	9.24	115	95	108	102	115	105	117	131	141	120	100	122	3	1				
	2018	BARBARIAN TANKA		5	5	15	48	20	64	47	63	49	51	53	58						
PRODIGIOUS CAIRO		MES PETER PAN	16.04	97	99	126	114	109	109	93	92	110	104	122	107	13	1				
	2022	COLOS AYA		5	5	17	49	17	64	49	63	49	52	54	59						
HEART OF TEXAS ROCK		DELMA BUKS	7.16	111	104	104	120	98	113	101	81	86	94	99	93						
	2023	SOUTH FLORIDA'S DAISY		32	50	13	39	16	56	23	55	40	42	44	50						

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	
BLACK IRON VICKY		ZUKANDI BEAU	10.04	122	110	108	116	112	78	118	122	122	130	127	125	11	1	3			1
	2018	KLEIN SANDFONTEIN BIKKIEJoi		5	5	32	45	18	57	44	56	45	47	49	53			3			1
BARBARIAN GLORY		BLACK IRON GOTTI	12.41	117	109	122	99	123	76	116	108	133	115	101	110						
	2021	KLEIN SANDFONTEIN SABLE		5	5	16	37	5	50	36	49	38	40	42	46						
EVANTICA ECHO		VOICE VELD ELOY	2.07	106	116	79	100	100	103	110	100	114	125	101	107	7	2	1			
	2021	LEONTIX SHE'S THE ONE		5	35	18	45	21	62	44	61	46	48	51	56			1			
GULF COAST VENUS		BMF THANOS	5.26	96	103	100	90	100	103	100	111	100	106	116	110	5	1				
	2022	CDH POLLIE		5	5	5	39	5	58	38	57	40	42	45	51						
BODACIOUS KIRA		GUARDIAN INDY	6.98	87	109	100	92	96	102	96	103	101	104	101	101						
	2025	GULF COAST VENUS		5	5	5	16	5	33	15	32	17	20	23	28						
BODACIOUS PEBBLES		GUARDIAN INDY	6.98	87	109	100	92	96	102	96	103	101	104	101	101						
	2025	GULF COAST VENUS		5	5	5	16	5	33	15	32	17	20	23	28						

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	Temper-ament	Coat	General Appear.	Head & Face	Front Quarter	Centre	Hind Quarter	Final Score	Progeny Litters	Progeny Kennels	Hips	Elbows	
SPITSVUUR BBD TOKARA DRIFTER		SPITSVUUR BBD RAMKAT	8.98	47	128	101	86	79	96	99	84	89	114	97	91	183 38	63 41	3 3		36 8
	2012	SPITSVUUR BBD DOEDIE		40	35	68	83	64	90	82	90	83	84	86	88					
ZUKANDI BEAU		KLEIN SANDFONTEIN BENJI	10.72	116	133	95	107	96	106	99	111	108	116	121	115	46 9	15 15	4 4		10 2
	2014	MIDDELPOS BBD NANDI		36	42	53	70	48	81	69	80	70	72	74	77					
VOICE VELD ELOY		VOICE VELD ZUMZUM	0.83	106	107	93	93	99	99	115	103	114	119	93	104	26 3	10 8	3 4		7 3
	2015	OL DZHI		21	59	18	55	31	71	54	70	56	58	61	66					
KLEIN SANDFONTEIN JUDGE		KLEIN SANDFONTEIN HUEY	7.01	132	96	117	101	121	107	119	108	147	123	109	118	290 35	65 48	9 11		33 9
	2016	KLEIN SANDFONTEIN ASARA		41	54	52	77	56	87	76	86	77	79	81	84					
BLACK IRON GOTTI		KLEIN SANDFONTEIN JUDGE	8.09	125	106	102	100	136	58	114	114	146	121	103	114	51 9	14 10			8 1
	2017	AFRIKA KARA 1		5	22	45	60	36	74	59	73	61	63	65	70					
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					
DELMA BUKS		WOEKER BBD JAPIE	7.58	113	114	116	122	99	112	94	86	93	96	99	95	1	1 1	1 1		
	2019	DELMA ELSA		5	18	35	47	25	58	45	58	48	49	51	55					
BMF THANOS		QUBITRON PERCEUS	5.72	91	96	103	84	93	101	93	116	104	99	102	105	12 3	3 3			2 2
	2020	SOUTH COAST NIKKI ROSE		5	21	5	37	5	54	36	53	38	40	43	48					
GUARDIAN INDY		TOKARA TAMBO	6.10	78	114	101	94	91	102	92	95	103	103	87	93	21 4	2 2			
	2020	BARBARIAN JAZMINE		5	5	13	30	5	44	29	43	31	33	35	39					

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	
CABARET PAMELA ANDERSON	2013	CABARET SON OF A GUN	22.63	82	108	85	108	108	69	111	94	95	114	102	99	13	3	6			2
		CABARET WENA		5	5	52	61	38	73	60	73	62	63	65	69			6			1
KLEIN SANDFONTEIN BIKKIEJoI	2015	BELLBUSK JEEP	10.08	128	87	109	126	121	88	128	117	128	133	134	129	46	3	14	4	4	10
		KLEIN SANDFONTEIN BIKIEMO		24	38	51	60	32	75	59	74	61	63	65	70			12			2
BARBARIAN TANKA	2016	BARBARIAN KONAN	12.51	98	94	99	110		135	107	119	110	103	97	113	7	1	3			2
		BRAVAKKER BEATRICE		5	5	17	46		65	46	64	47	50	53	59			3			1
LEONTIX SHE'S THE ONE	2018	ZUKANDI BEAU	13.22	105	124	79	108	105	103	109	100	114	130	116	113	3		3	1	2	3
		KLEIN SANDFONTEIN SURI		5	5	31	45	17	58	44	57	46	47	50	54			3			2
CDH POLLIE	2019	CDH THUNDER	13.61	100	110	97	109	114	103	115	105	107	119	117	114	5	2	2			1
		CDH ALSIE		5	5	34	50	23	65	50	64	51	53	55	60			2			1
SOUTH FLORIDA'S DAISY	2019	ELEVATION HULKSTER	0.00	110	93	93	111	105	98	106	95	94	101	107	101	1		1	1	1	
		SOUTH FLORIDA'S KIARA II		22	31	23	33	23	41	29	40	33	34	35	38			1			
KLEIN SANDFONTEIN SABLE	2019	KLEIN SANDFONTEIN NUTCRACKER	10.67	108	113	143	98	110	94	118	102	119	109	99	105	17	2	8			4
		KLEIN SANDFONTEIN PEPPER		5	5	42	58	32	73	57	72	58	60	63	68			6			1
COLOS AYA	2021	MES FELIX BOETA	12.52	101	95	158	132	106	97	69	80	108	91	122	99	35	4	16			6
		CDH GIGA		5	5	51	62	38	76	62	75	63	65	67	72			12			2
GULF COAST VENUS	2022	BMF THANOS	5.26	96	103	100	90	100	103	100	111	100	106	116	110	5	1				
		CDH POLLIE		5	5	5	39	5	58	38	57	40	42	45	51						

