

Boerboel Genetic Evaluation

SA Stud Book
February 2026

0 0 GABRIEL MEDEL

645 DUFF AVE
LA PUENTE
CA
USA



Kennel Number: 699185



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.

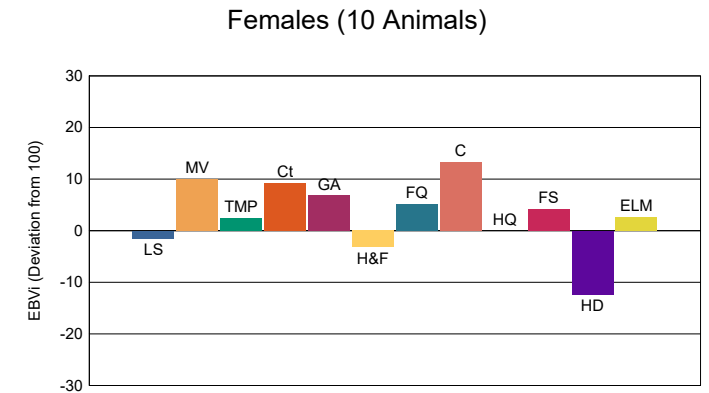
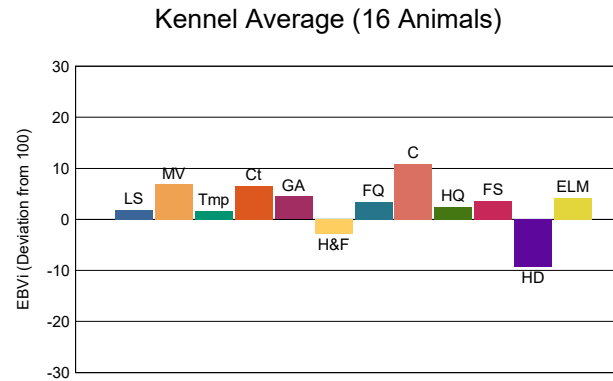
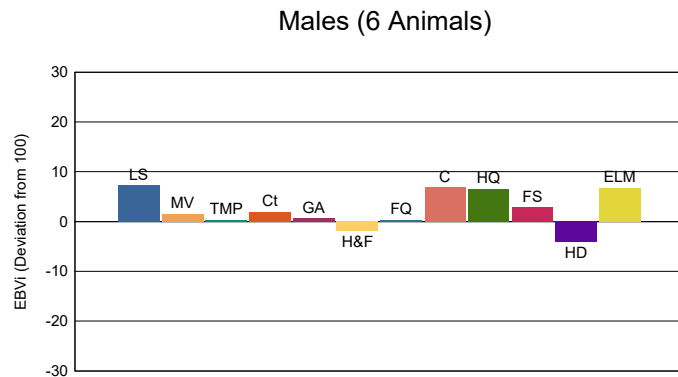
Genetic Trends: The Genetic Trends indicate the genetic change that occurred over time in the animals bred by the breeder compared to that of the breed. These are calculated as the average of the breeding values of all measured animals bred by the breeder, per year of birth.

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)	102	107	99
Movement (Mv)	107	102	110
Temperament (Tmp)	102	100	102
Coat (Ct)	107	102	109
General Appearance	104	101	107
Head & Face (H&F)	97	98	97
Front Quarter (FQ)	103	100	105
Centre (C)	111	107	113
Hind Quarter (HQ)	102	106	100
Final Score (FS)	104	103	104
Hip Health (HH)	91	96	88
Elbow Health (ELM)	104	107	103

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.

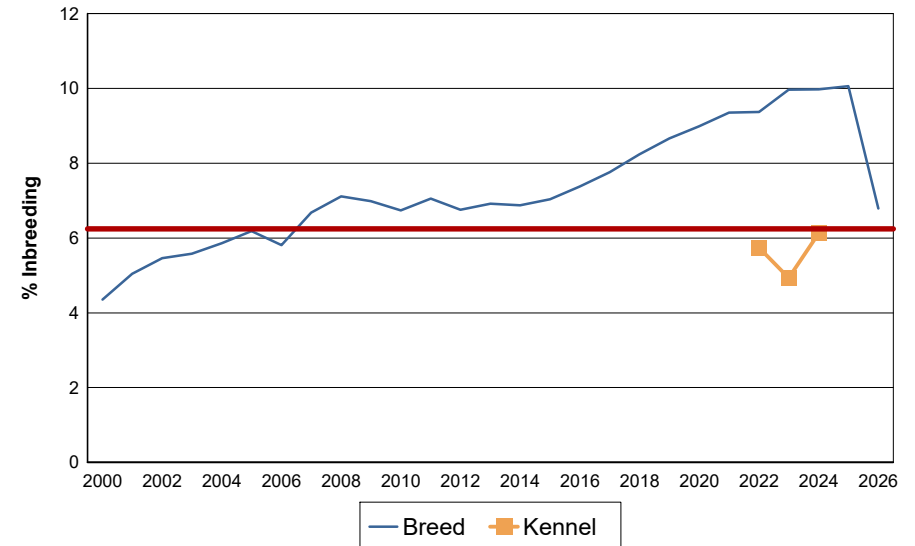
It is therefore highly recommended to record pedigree information as accurately. Inbreeding is dependent on pedigree information. Conventional methods for the calculation of inbreeding coefficients usually assume that unknown parents are unrelated, which is usually far from the truth. Inbreeding coefficients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

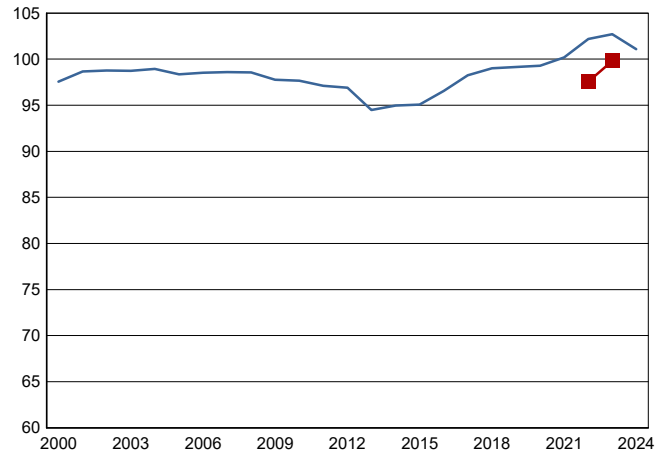


Inbreeding Levels

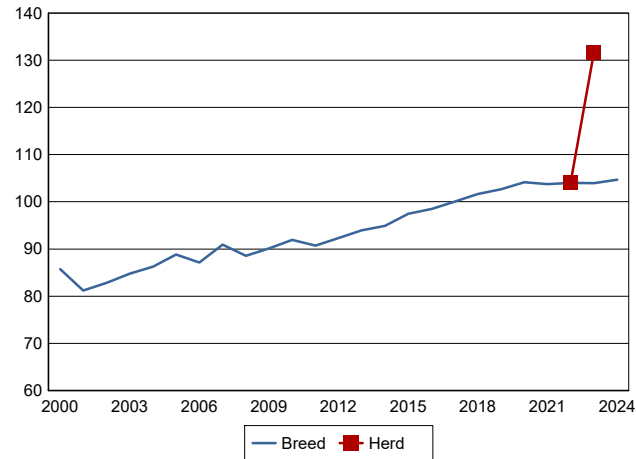
	All Animals		Males		Females		Sires		Dams	
	Kennel	Breed	Kennel	Breed	Kennel	Breed	Kennel	Breed	Kennel	Breed
Number	16	49007	6	25141	10	23857	5	3371	5	6287
Average Inbreeding	6.86	8.49	8.17	8.46	6.08	8.53	8.40	8.01	7.48	8.00
Number inbred	16	48727	6	24990	10	23728	5	24990	5	23728
Number >6.25% Inbr.	3	30600	2	15537	1	15058	4	15537	4	15058

Genetic Trends

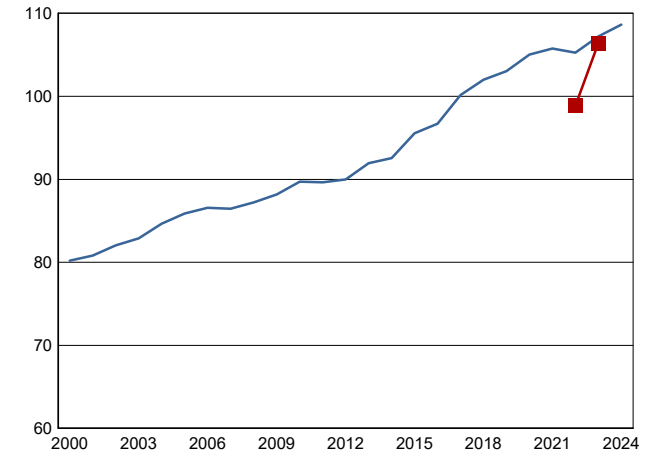
Litter Size



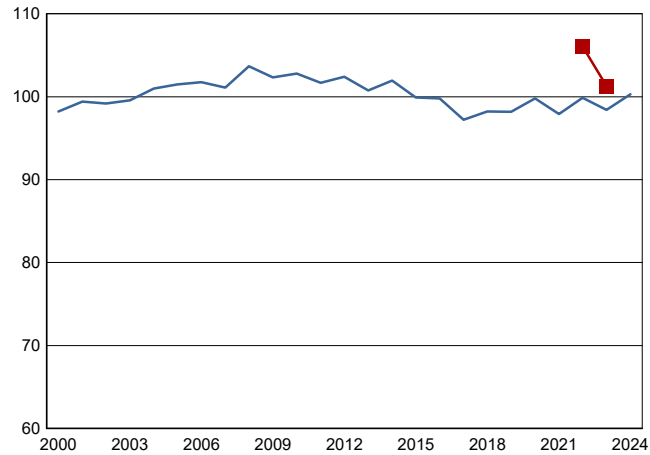
Movement



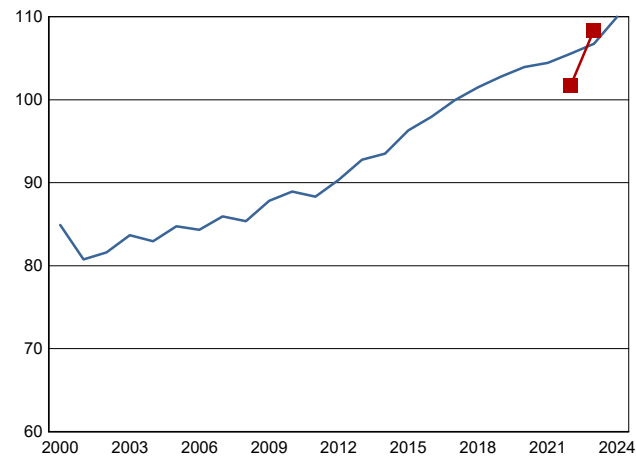
Temperament



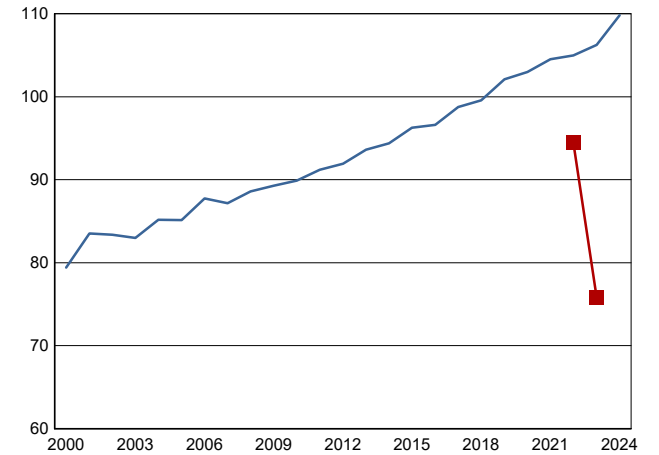
Coat



General Appearance

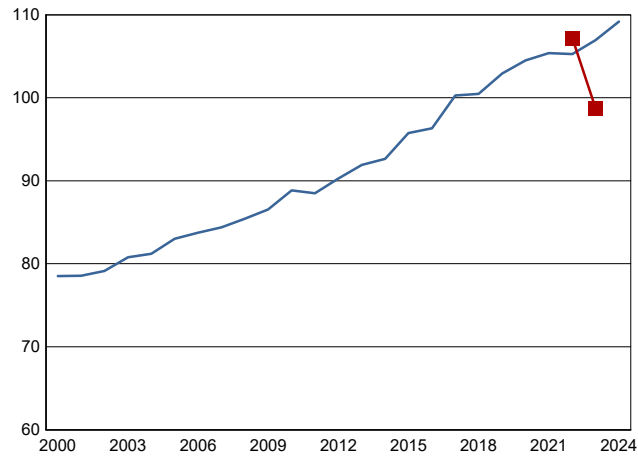


Head & Face

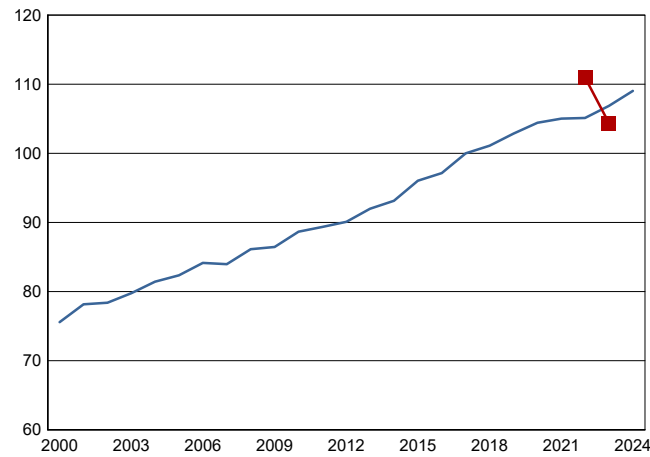


Genetic Trends

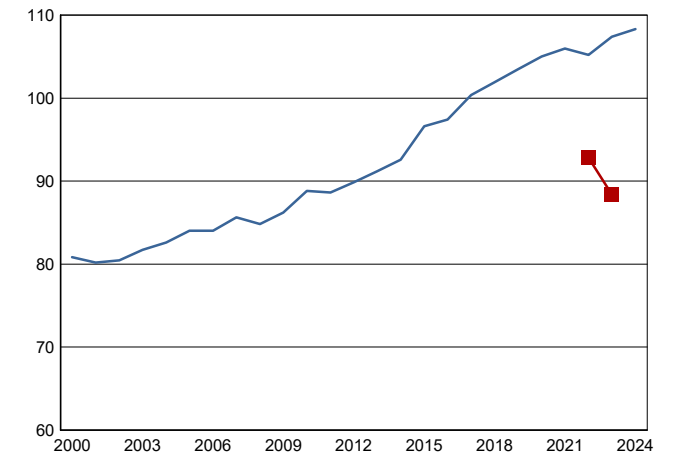
Front Quarter



Centre

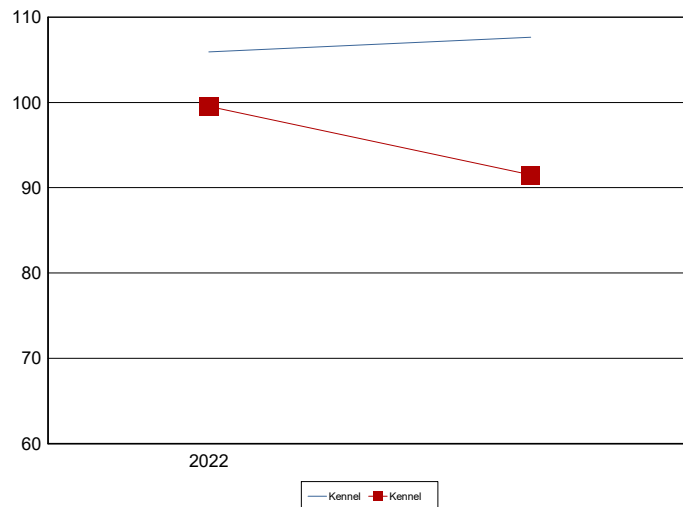


Hind Quarter

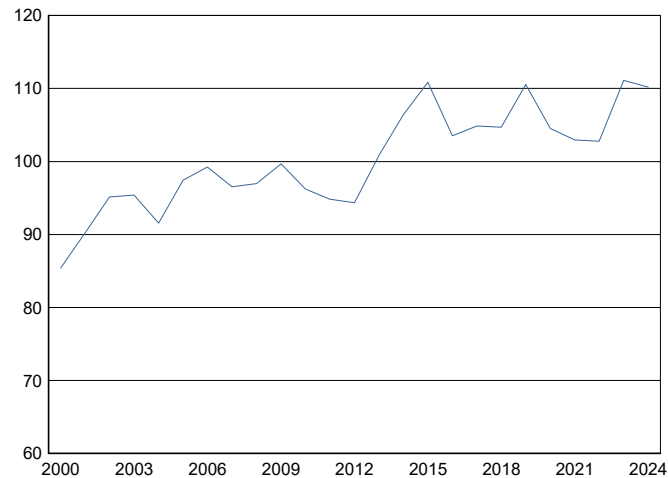


Final Score & Health Traits

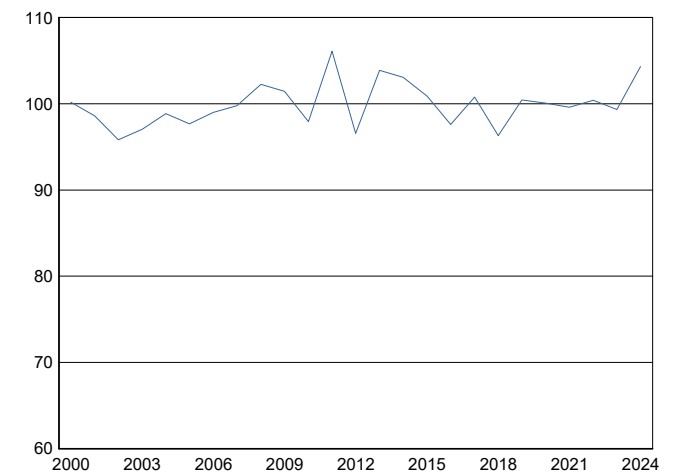
Final Score



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	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	
KLEIN SANDFONTEIN DOMINIC	KLEIN SANDFONTEIN THE STING		15.87	118	132	102	88	93	110	101	107	103	103	99	103				
	2020	KLEIN SANDFONTEIN KALILA		5	5	15	45	5	63	44	62	46	49	52	57				
ADDICT KENNELS RYNO	GUARDIAN DANZIG		5.85	86	103	97	102	95	86	93	89	102	102	88	91				
	2022	TELEOIS NALA		5	5	5	34	5	53	33	52	35	37	40	46				
ADDICT KENNELS REX	GUARDIAN DANZIG		4.93	87	106	100	113	99	96	102	85	96	103	92	92				
	2023	GULF COAST MIDNIGHT LUNA		5	5	5	24	5	39	23	39	25	27	30	35				
LA BOELA TAFARI	WOEKER BBD MATEKWA		10.11	110	96	145	96	108	91	87	97	91	95	135	106				
	2023	LA BOELA VENUS II		5	5	17	48	19	64	47	63	49	51	54	58				
ADDICT KENNELS KOBI	NOXTERRA TALK OF THE TOWN		6.13	87	102	100	105	104	114	111	105	105	119	112	113				
	2024	TELEOIS NALA		5	5	5	21	5	36	20	35	22	24	27	32				
ADDICT KENNELS BANE	NOXTERRA TALK OF THE TOWN		6.13	87	102	100	105	104	114	111	105	105	119	112	113				
	2024	TELEOIS NALA		5	5	5	21	5	36	20	35	22	24	27	32				

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	
TELEOIS NALA		KLOPDISSELBOOM SUPER KHAN	10.92	95	92	92	108	109	119	111	115	121	127	109	119	32	3	6			1
	2020	TELEOIS BROOKLYN		5	5	5	48	7	65	47	64	49	52	54	60			5			1
ADDICT KENNELS HOPPERS		GUARDIAN DANZIG	5.85	86	103	97	103	99	111	103	99	111	114	94	103						
	2022	TELEOIS NALA		5	5	5	25	5	40	25	39	26	28	31	35						
ADDICT KENNELS MIA TORETTO		GUARDIAN DANZIG	5.85	86	103	97	105	102	131	109	109	120	122	97	113						
	2022	TELEOIS NALA		5	5	5	34	5	53	33	52	35	37	40	46						
ADDICT KENNELS LEXXIE		GUARDIAN DANZIG	4.93	87	106	100	113	99	96	102	85	96	103	92	92						
	2023	GULF COAST MIDNIGHT LUNA		5	5	5	24	5	39	23	39	25	27	30	35						
ADDICT KENNELS STORM		GUARDIAN DANZIG	4.93	87	106	100	132	106	101	108	76	99	104	88	92						
	2023	GULF COAST MIDNIGHT LUNA		5	5	5	36	5	56	35	54	37	40	43	49						
ADDICT KENNELS BOBBIE		GUARDIAN DANZIG	4.93	87	106	100	113	99	96	102	85	96	103	92	92						
	2023	GULF COAST MIDNIGHT LUNA		5	5	5	24	5	39	23	39	25	27	30	35						
ADDICT KENNELS RAVEN		GUARDIAN DANZIG	4.93	87	106	100	113	99	96	102	85	96	103	92	92						
	2023	GULF COAST MIDNIGHT LUNA		5	5	5	24	5	39	23	39	25	27	30	35						
ADDICT KENNELS OREO		NOXTERRA TALK OF THE TOWN	6.13	87	102	100	105	104	114	111	105	105	119	112	113						
	2024	TELEOIS NALA		5	5	5	21	5	36	20	35	22	24	27	32						
ADDICT KENNELS NOVA		NOXTERRA TALK OF THE TOWN	6.13	87	102	100	105	104	114	111	105	105	119	112	113						
	2024	TELEOIS NALA		5	5	5	21	5	36	20	35	22	24	27	32						
ADDICT KENNELS LOLA		NOXTERRA TALK OF THE TOWN	6.13	87	102	100	105	104	114	111	105	105	119	112	113						
	2024	TELEOIS NALA		5	5	5	21	5	36	20	35	22	24	27	32						

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	
KLOPDISSELBOOM SUPER KHAN		KLOPDISSELBOOM BEAST	6.86	92	87	87	113	102	120	97	93	106	114	106	105	10 3	6 5			5
	2017	RAINAISANCE FIELA		5	5	17	52	21	67	51	66	53	55	58	62					3
KLEIN SANDFONTEIN THE STING		MES MARKUS I	8.96	114	123	102	87	97	115	109	96	100	103	101	100	52 4	7 7			7
	2018	KLEIN SANDFONTEIN SUZIE Q		5	14	39	60	34	75	59	74	61	63	65	70					1
GUARDIAN DANZIG		TOKARA TAMBO	6.10	78	114	101	97	90	102	94	84	101	100	80	87	37 4	9 6			1
	2020	BARBARIAN JAZMINE		5	5	13	38	5	55	38	54	39	42	44	50					1
NOXTERRA TALK OF THE TOWN		NOXTERRA LENNOX	9.62	79	112	108	102	99	109	111	96	90	110	116	106	10 1				
	2020	NOXTERRA TIDAL WAVE		5	5	8	38	5	55	38	54	39	41	44	49					
WOEKER BBD MATEKWA		LOMBARD SUPERIOR HAMMILTON	10.45	110	88	133	104	120	84	116	110	111	97	115	110	91 12	35 15			9
	2021	WOEKER BBD STELLA		5	5	24	64	36	79	64	79	65	68	70	75					5

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			
KLEIN SANDFONTEIN KALILA	2017	ZUKANDI BEAU	9.55	122	141	103	103	92	120	98	103	96	98	102	103	13	2	6		2	
		KLEIN SANDFONTEIN EDEN		31	48	48	58	34	73	57	72	59	61	63	68						1
TELEOIS BROOKLYN	2018	BOSVLEI BISON	6.77	98	98	98	109	97	129	98	110	102	110	106	111	12	4	5		5	
		DELATRO X'SASKIA		5	5	5	54	22	71	53	70	55	57	60	65						2
LA BOELA VENUS II	2019	MES MAC GYVER	6.26	110	104	156	99	106	77	95	103	96	106	131	109	33	4	8		5	
		LA BOELA CAPRI		26	44	49	58	36	72	57	72	59	61	63	68						1
TELEOIS NALA	2020	KLOPDISSELBOOM SUPER KHAN	10.92	95	92	92	108	109	119	111	115	121	127	109	119	32	3	6		1	
		TELEOIS BROOKLYN		5	5	5	48	7	65	47	64	49	52	54	60						1
GULF COAST MIDNIGHT LUNA	2020	DELMA COLA	3.91	97	97	98	128	108	90	109	86	90	106	104	98	15	2	3			
		RAINAISANCE PRIYA		5	5	11	44	13	62	43	61	45	47	50	56						

