

Boerboel Genetic Evaluation

SA Stud Book
February 2026

MR C.Q. FISCHER

13 MARACIABO STREET
MALIBU VILLAGE
BLUE DOWNS
7100



Kennel Number: 687472



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.

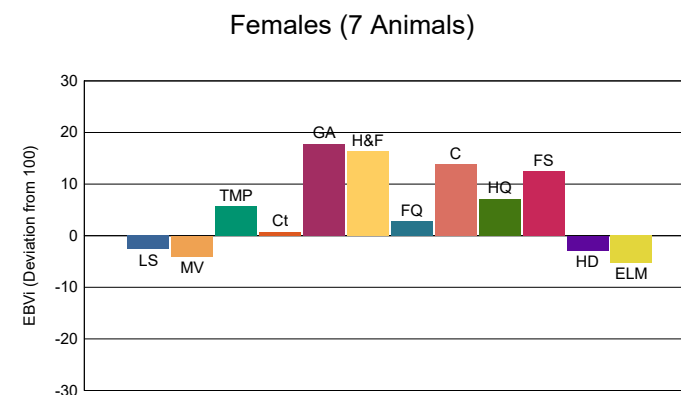
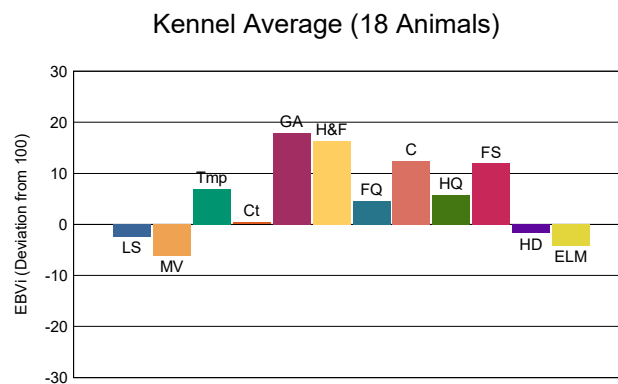
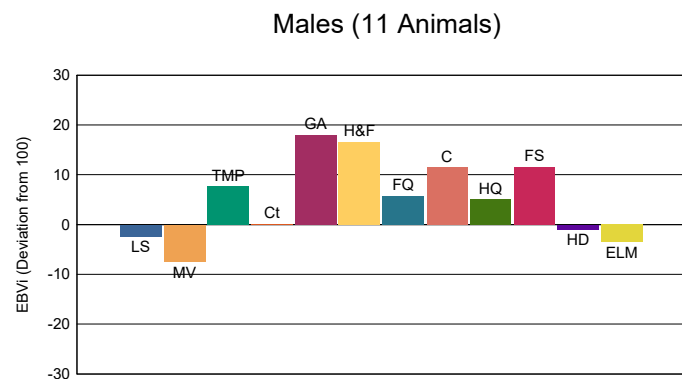
Genetic Trends: The Genetic Trends indicate the genetic change that occurred over time in the animals bred by the breeder compared to that of the breed. These are calculated as the average of the breeding values of all measured animals bred by the breeder, per year of birth.

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)	98	98	97
Movement (Mv)	94	93	96
Temperament (Tmp)	107	108	106
Coat (Ct)	100	100	101
General Appearance	118	118	118
Head & Face (H&F)	116	117	116
Front Quarter (FQ)	105	106	103
Centre (C)	112	111	114
Hind Quarter (HQ)	106	105	107
Final Score (FS)	112	112	112
Hip Health (HH)	98	99	97
Elbow Health (ELM)	96	96	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.

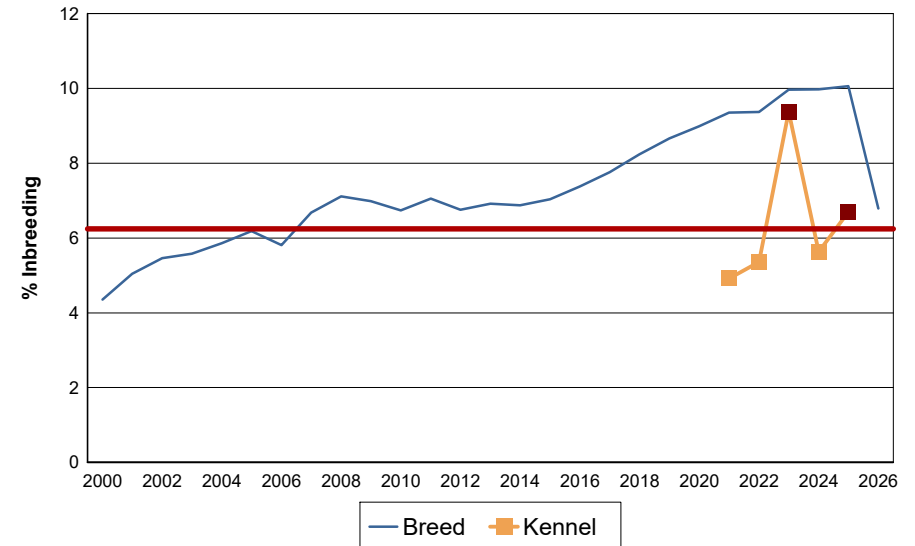
It is therefore highly recommended to record pedigree information as accurately. Inbreeding is dependent on pedigree information. Conventional methods for the calculation of inbreeding coefficients usually assume that unknown parents are unrelated, which is usually far from the truth. Inbreeding coefficients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

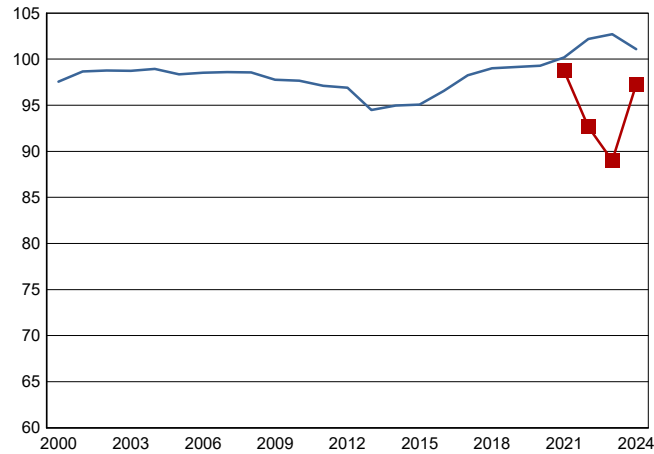


Inbreeding Levels

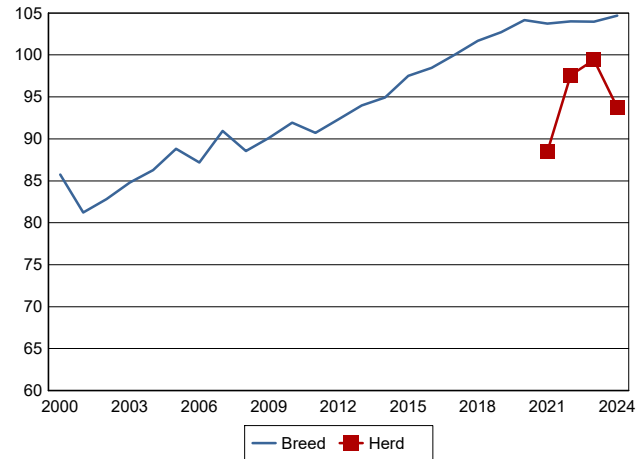
	All Animals		Males		Females		Sires		Dams	
	Kennel	Breed	Kennel	Breed	Kennel	Breed	Kennel	Breed	Kennel	Breed
Number	18	49007	11	25141	7	23857	13	3371	12	6287
Average Inbreeding	8.46	8.49	8.62	8.46	8.22	8.53	7.97	8.01	7.99	8.00
Number inbred	18	48727	11	24990	7	23728	13	24990	12	23728
Number >6.25% Inbr.	15	30600	10	15537	5	15058	7	15537	7	15058

Genetic Trends

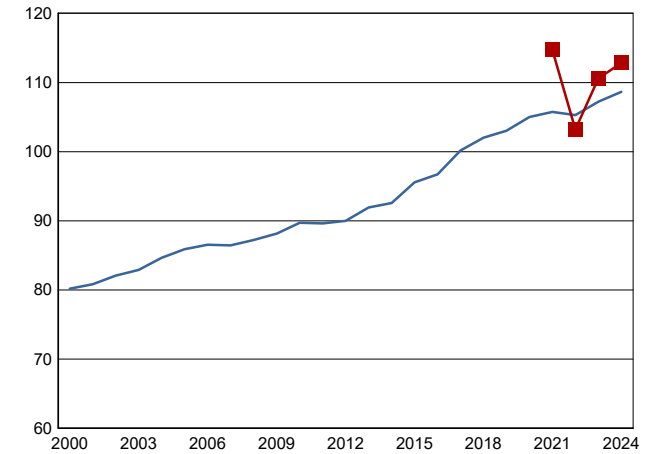
Litter Size



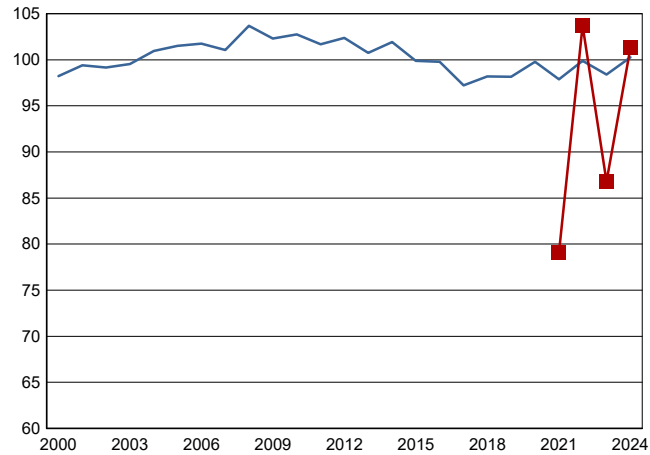
Movement



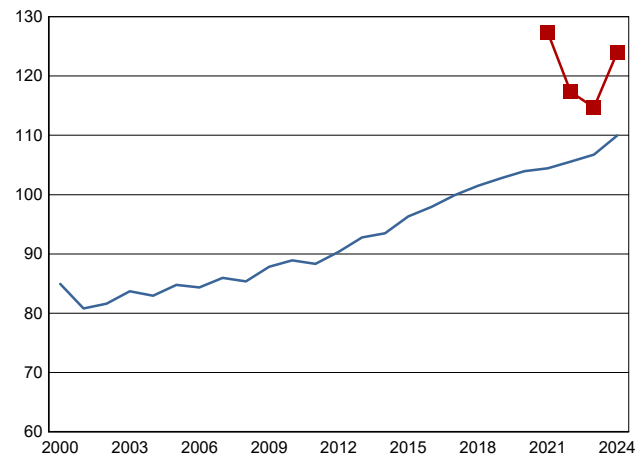
Temperament



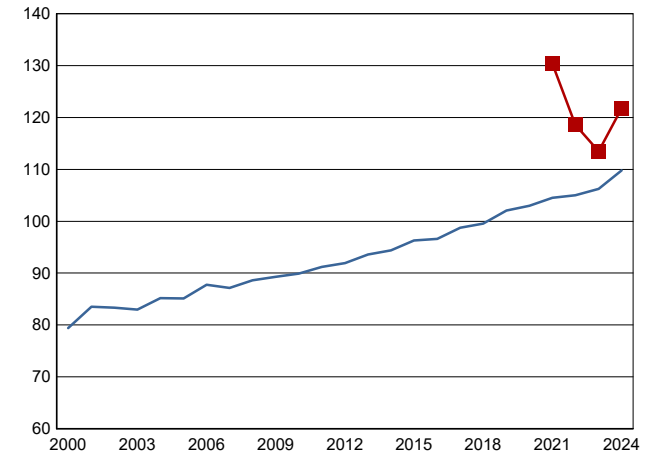
Coat



General Appearance

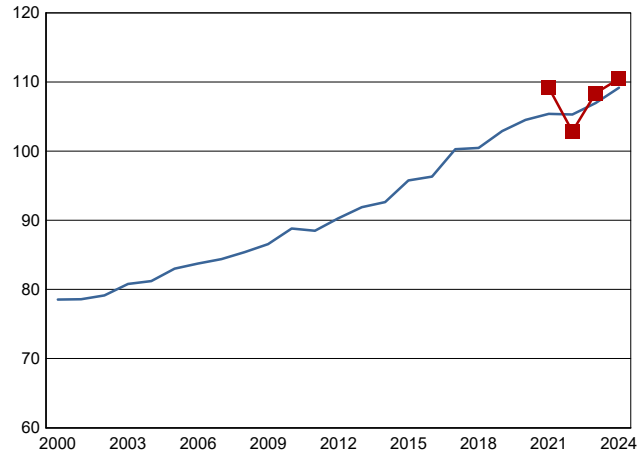


Head & Face

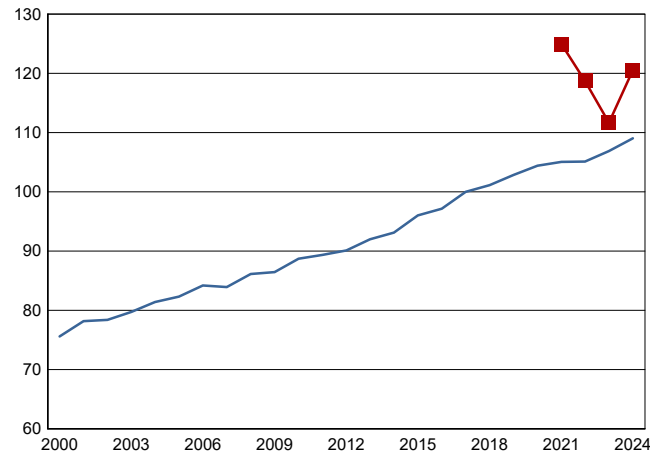


Genetic Trends

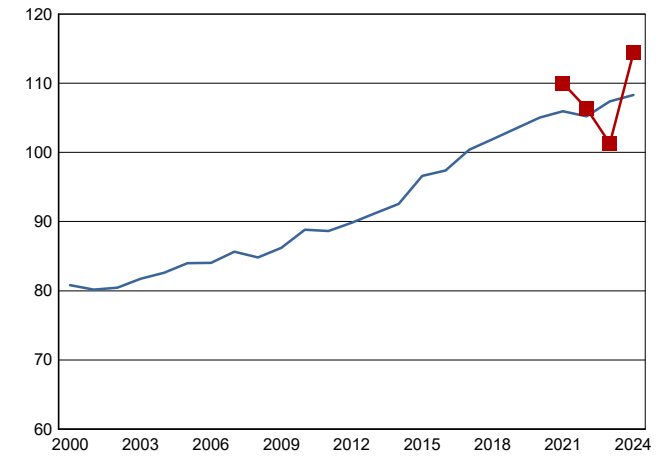
Front Quarter



Centre

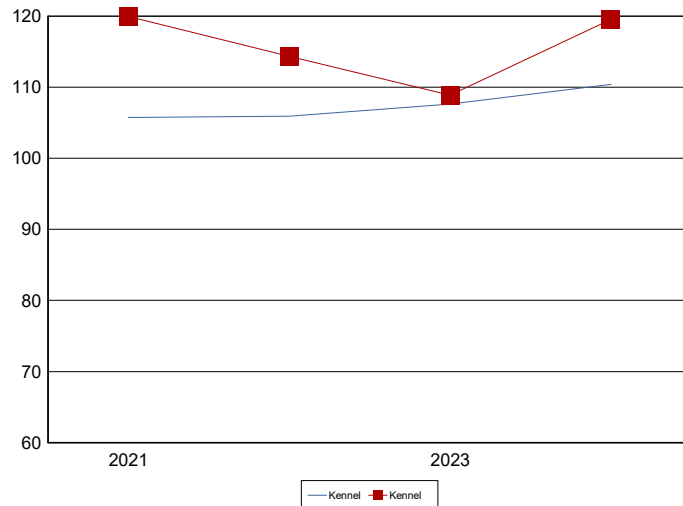


Hind Quarter

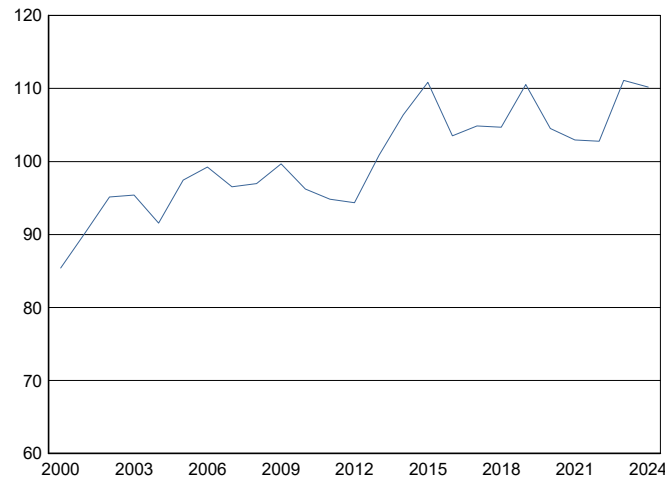


Final Score & Health Traits

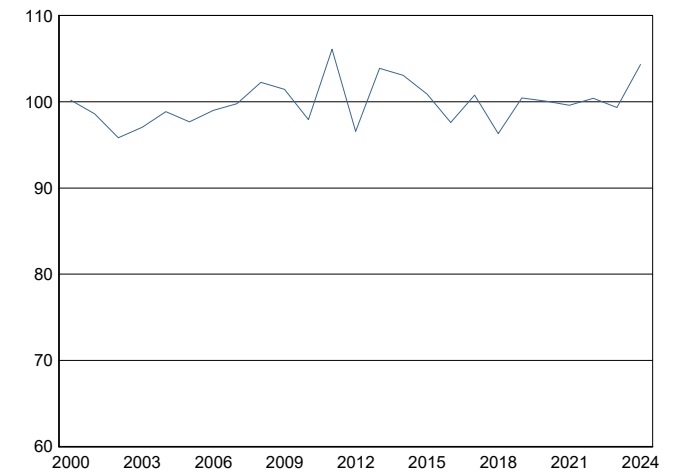
Final Score



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	Sire	%	Hips	Elbows	Litter Size	Move-	Tempe-	Coat	General	Head &	Front	Centre	Hind	Final	Progeny	Litters	Progeny	Hips	Elbows	litters
BYr	Dam		Acc.	Acc.	Acc.	ment	rament		Appear.	Face	Quarter		Quarter	Score			Kennels			
GUNSMOKE PRINCE	DUMAS BIG DEAL	4.92	94	93	95	65	105	97	127	144	109	120	98	120	54	8	16			4
	GATEKEEPER NOVA		5	5	5	59	32	73	57	72	60	62	64	69			15			4
GUNSMOKE FADER	BODINGTON BOERBOEL THE IMPOSTOR	6.70	78	102	99	84	107	82	117	117	108	117	99	109						
	GUNSMOKE DREAM GIRL		5	5	5	37	7	49	36	48	37	39	41	45						
ICARNICKY THE GIFT DIK FRIK	KUSELA NARLY	12.10	105	97	98	73	105	89	113	111	100	97	93	100	14	2				
	MAMPIES ARORA		5	5	5	40	5	60	39	59	41	44	47	53						
MALAKAI THE BOOGEYMAN	FONT BOERBOELS SILVER ARROW	9.43	95	104	103	107	111	103	131	129	117	123	112	124	2	1				
	FONT BOERBOELS PRINCESS SABA		5	5	5	46	7	64	44	63	47	49	52	58						
DELMA SWARTKAT	DELMA SPIKES	13.24	107	105	102	121	103	89	94	96	96	104	110	102						
	DELMA KIARA 10		5	5	5	23	5	41	22	40	24	27	30	35						
GUNSMOKE 956000013065791	TYPICAL BARACK	7.01	97	88	97	104	109	135	120	119	108	123	119	124						
	GATEKEEPER NOVA		5	5	5	31	5	45	31	44	32	34	36	41						
GUNSMOKE MANGE	ICARNICKY THE GIFT DIK FRIK	6.53	101	93	96	90	108	99			104	111								
	GUNSMOKE SHINING STAR		5	5	5	23	5	39		38	24	26	29	34						
GUNSMOKE 901001000490407	ICARNICKY THE GIFT DIK FRIK	6.53	101	93	96	90	108	99			104	111								
	GUNSMOKE SHINING STAR		5	5	5	23	5	39		38	24	26	29	34						
GUNSMOKE 933071000268528	ICARNICKY THE GIFT DIK FRIK	6.53	101	93	96	90	108	99			104	111								
	GUNSMOKE SHINING STAR		5	5	5	23	5	39		38	24	26	29	34						

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	
BRED TIGER		KLEIN SANDFONTEIN MAJOR TOM	14.62	108	96	92	98	111	104			113	109							
	2025	KLEIN SANDFONTEIN ELLA		5	5	5	32	5	47		47	33	35	38	43					
GATEKEEPER BLACK BEAR		ICARNICKY THE GIFT DIK FRIK	7.20	101	100	102	95	107	107			101	99							
	2025	HORIZON WINTER		5	5	5	21	5	38		37	22	25	28	33					

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	
GATEKEEPER NOVA	2019	KAMMO BBD VEKTOR	17.82	94	89	96	103	107	118	131	127	99	125	117	124	30	4	10			9
		BRAAMBOS SARAFINA		5	5	34	63	35	77	62	76	63	66	68	72			10			1
FONT BOERBOELS ZINDZI	2023	BRIEL THE GHOST	8.28	87	108	102	96	101	103	115	113	106	121	104	112						
		FONT BOERBOELS ROSSI		5	5	19	50	22	66	49	65	51	53	55	60						
GENERATIONS CHERRY GESIGGIES	2023	GUNSMOKE PRINCE	4.61	100	96	93	88	102	96	104	124	102	108	107	112						
		GATEKEEPER JOYCE		5	5	5	35	5	48	34	48	36	38	40	44						
GUNSMOKE SHINING STAR	2024	KLEIN SANDFONTEIN BIG VERC	5.69	98	89	94	108	112	109	130	119	108	125	114	121	9	1				
		GATEKEEPER NOVA		5	5	5	47	14	64	46	63	48	50	53	58						
GATEKEEPER SUPERSTAR	2025	GATEKEEPER THE MACHINE	7.41	98	88	99	93	103	75	113	110	99	108	104	104						
		GATEKEEPER QUEEN SHEBA		5	5	5	26	5	43	25	42	27	30	33	38						
GUNSMOKE 933071000268527	2025	ICARNICKY THE GIFT DIK FRIK	6.53	101	93	96	90	108	99		115	104	111	104	110						
		GUNSMOKE SHINING STAR		5	5	5	23	5	39		38	24	26	29	34						
GATEKEEPER SUMMER TIME	2025	ICARNICKY THE GIFT DIK FRIK	7.20	101	100	102	95	107	107		107	101	99	100	104						
		HORIZON WINTER		5	5	5	21	5	38		37	22	25	28	33						

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	
KAMMO BBD VEKTOR		MES BITE A BULLET	7.47	96	81	96	102	101	105	121	118	91	105	110	112	17	2	11		10	
	2016	ELEVATION KENNA		10	25	48	67	46	79	67	78	68	70	71	75						8
DUMAS BIG DEAL		JACOB BOB	3.04	94	96	94	66	120	25	120	134	116	119	100	111	38	7	12		13	
	2017	DUMAS NIKITA		5	5	12	65	40	79	65	78	66	68	70	75						9
BRIEL THE GHOST		WIESENHOF MENEER	4.99	91	107	114	103	96	129	107	107	104	108	96	107	93	16	21		14	
	2020	ALESSANDRO BELLA		5	5	26	65	36	80	63	79	66	68	71	76						13
KLEIN SANDFONTEIN MAJOR TOM		KLEIN SANDFONTEIN RASPUTIN	12.42	104	102	93	86	105	94	119	107	107	101	98	102	58	8	11		8	
	2020	MES O` HARA		5	5	36	57	25	74	56	73	58	60	63	68						9
BODINGTON BOERBOEL THE IMPOSTOR		TARGUS RAM	13.93	62	111	93	74	93	91	106	99	100	101	78	90	25	4	6		2	
	2020	BODINGTON BOERBOEL PHOEBE		5	5	29	58	33	71	57	71	59	60	63	67						5
GUNSMOKE PRINCE		DUMAS BIG DEAL	4.92	94	93	95	65	105	97	127	144	109	120	98	120	54	8	16		4	
	2021	GATEKEEPER NOVA		5	5	5	59	32	73	57	72	60	62	64	69						15
KUSELA NARLY		CBR GAME CHANGER	6.10	115	98	90	90	114	114	119	112	108	119	110	115	13	2	5		2	
	2021	DUMAS RUBY		5	5	5	47	20	64	47	63	48	51	53	59						3
KLEIN SANDFONTEIN BIG VERC		KLEIN SANDFONTEIN THE STING	10.40	102	88	92	106	109	99	119	94	104	115	109	106	34	5	10		3	
	2021	KLEIN SANDFONTEIN SADIE		5	5	18	55	24	72	53	71	56	58	61	67						8
DELMA SPIKES		DELMA TOKKAS I	9.56	110	99	99	116	111	81	110	97	97	108	113	104	26	5				
	2022	WOEKER BBD DELLA		5	5	26	48	18	65	47	64	49	51	54	59						
GATEKEEPER THE MACHINE		EKVONSALIES DYNAMIC	5.69	96	93	93	78	92	62	104	104	92	107	98	95	10	3	1			
	2022	GATEKEEPER BELLA		5	5	5	48	18	65	47	64	49	51	54	60						1
TYPICAL BARACK		TELEOIS SUPER KARDO	7.66	100	86	98	105	111	152	109	110	116	122	120	123	9	2				
	2022	SCOUSER NAIROBI		5	5	5	39	5	56	38	55	40	42	45	50						
FONT BOERBOELS SILVER ARROW		FONT BOERBOELS SILVER BULLET	5.31	100	105	95	119	113	95	124	129	109	114	112	121	34	6	12		4	
	2022	FONT BOERBOELS LANA		5	5	24	59	31	76	57	75	60	62	65	70						9

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		
ICARNICKY THE GIFT DIK FRIK			12.10	105	97	98	73	105	89	113	111	100	97	93	100	14	2				
	2023	MAMPIES ARORA		5	5	5	40	5	60	39	59	41	44	47	53						

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	
BRAAMBOS SARAFINA	2016	MES BITE A BULLET	4.05	93	98	102	97	99	89	115	121	87	108	96	106	11	1	7			7
		BRAAMBOS KOLWYNTJIE		5	22	46	65	45	77	64	76	66	67	69	73			6			1
FONT BOERBOELS ROSSI	2016	CABARET SON OF A GUN	7.75	83	109	90	89	106	60	114	101	96	118	107	102	26	4	8			5
		FONT BOERBOELS MORGAN BELLE		5	5	54	58	39	70	58	69	59	61	62	66			4			1
GATEKEEPER NOVA	2019	KAMMO BBD VEKTOR	17.82	94	89	96	103	107	118	131	127	99	125	117	124	30	4	10			9
		BRAAMBOS SARAFINA		5	5	34	63	35	77	62	76	63	66	68	72			10			1
GATEKEEPER JOYCE	2021	MES JUDGE DREDD	6.04	105	99	91	110	99	95	81	104	94	95	115	103	7	2	2			
		G-FORCE TJ		5	5	32	50	23	68	50	67	51	54	56	62			2			
GUNSMOKE DREAM GIRL	2021	DUMAS BIG DEAL	4.92	94	93	104	94	122	73	129	136	116	133	120	128	13	2	5			1
		GATEKEEPER NOVA		5	5	15	56	30	72	56	71	57	60	62	67			5			1
MAMPIES ARORA	2021	DUMAS BIG DEAL	5.14	94	95	106	66	107	45	113	119	99	91	90	96	4	1	4			2
		RAINAISANCE SOFIA I		5	5	16	51	24	68	51	67	52	55	57	62			3			1
HORIZON WINTER	2021	BRIEL THE GHOST	7.72	98	104	107	117	108	124	107	104	103	100	107	109	18	3	2			
		MASTERMINDS ROYAL		5	5	5	41	5	56	40	55	42	44	47	52			2			
FONT BOERBOELS PRINCESS SABA	2022	BRIEL THE GHOST	7.10	90	102	110	89	97	102	121	113	103	117	100	108	11	2	3			1
		FONT BOERBOELS QUEEN SHEBA		5	5	29	53	24	70	52	69	54	57	59	65			2			1
KLEIN SANDFONTEIN ELLA	2022	MES RETIEF	12.68	112	91	91	110	116	114	125	123	119	117	129	127	11	2	1			1
		KLEIN SANDFONTEIN NEVAEH		5	5	39	50	23	67	50	66	51	53	56	61			1			1
DELMA KIARA 10	2023	DELAKLERK ENZO	8.04	104	111	104	125	95	96	77	95	95	99	106	99	5	1				
		DELMA LUNA I		5	5	24	43	5	62	43	61	44	47	50	56						
GATEKEEPER QUEEN SHEBA	2023	GATEKEEPER TOP GUN	8.88	100	84	105	107	113	87	122	116	106	108	109	112	5	1				
		MILLERS TOSCA LEE		5	5	5	45	10	64	44	63	46	49	52	58						
GUNSMOKE SHINING STAR	2024	KLEIN SANDFONTEIN BIG VERC	5.69	98	89	94	108	112	109	130	119	108	125	114	121	9	1				
		GATEKEEPER NOVA		5	5	5	47	14	64	46	63	48	50	53	58						

