

Boerboel Genetic Evaluation

SA Stud Book
February 2026

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7 JACQUELINE STREET
0
PAROW
7500



Kennel Number: 715982



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.

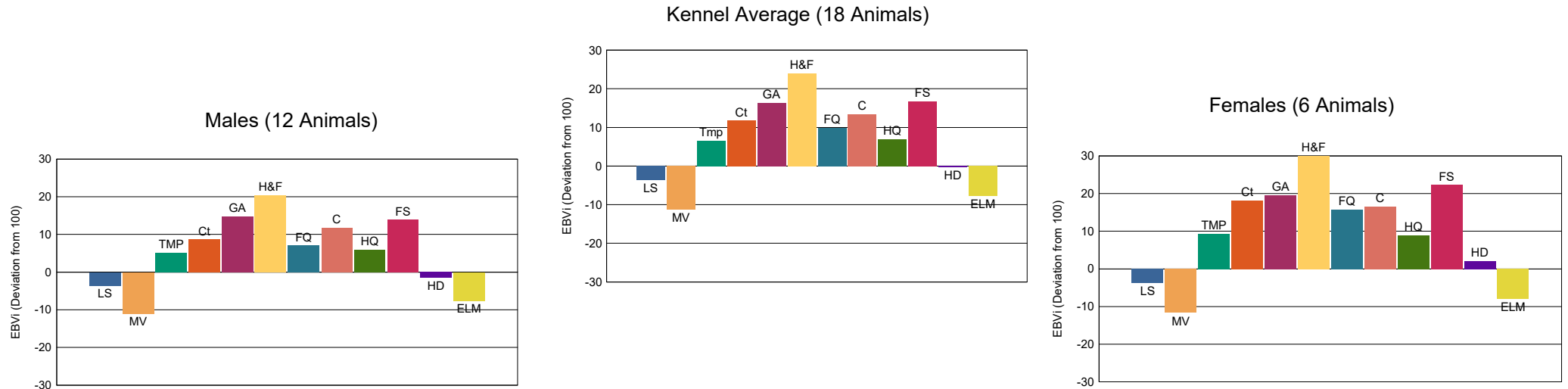
Genetic Trends: The Genetic Trends indicate the genetic change that occurred over time in the animals bred by the breeder compared to that of the breed. These are calculated as the average of the breeding values of all measured animals bred by the breeder, per year of birth.

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)	96	96	96
Movement (Mv)	89	89	88
Temperament (Tmp)	107	105	109
Coat (Ct)	112	109	118
General Appearance	116	115	120
Head & Face (H&F)	124	120	131
Front Quarter (FQ)	110	107	116
Centre (C)	113	112	117
Hind Quarter (HQ)	107	106	109
Final Score (FS)	117	114	122
Hip Health (HH)	100	99	102
Elbow Health (ELM)	92	92	92

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.

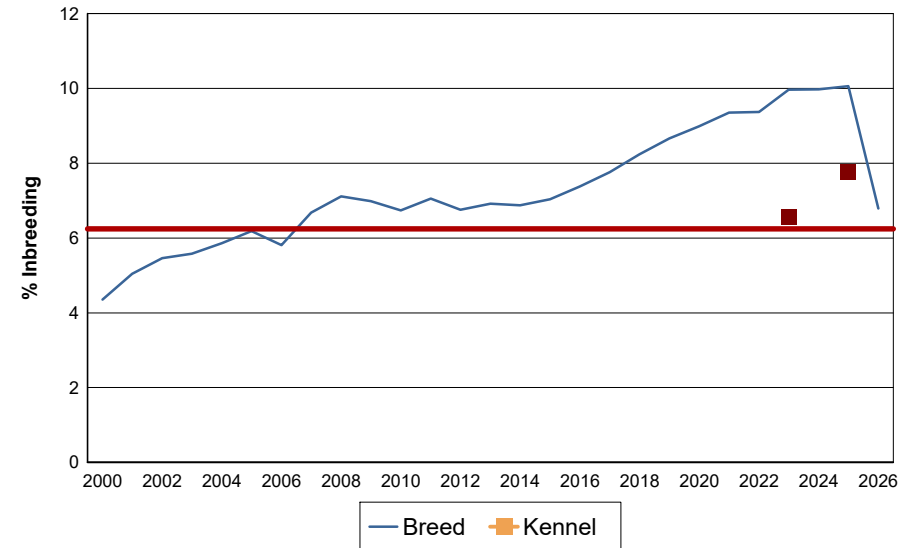
It is therefore highly recommended to record pedigree information as accurately. Inbreeding is dependent on pedigree information. Conventional methods for the calculation of inbreeding coefficients usually assume that unknown parents are unrelated, which is usually far from the truth. Inbreeding coefficients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

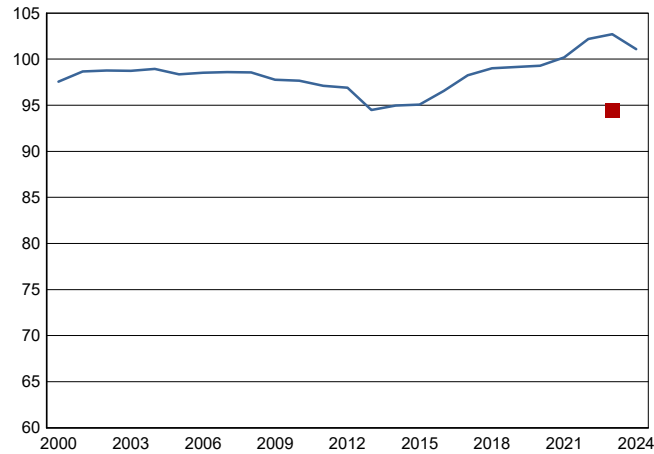


Inbreeding Levels

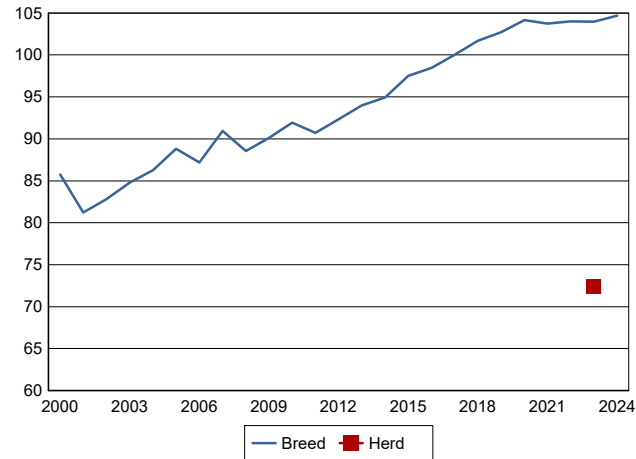
	All Animals		Males		Females		Sires		Dams	
	Kennel	Breed	Kennel	Breed	Kennel	Breed	Kennel	Breed	Kennel	Breed
Number	18	49007	12	25141	6	23857	12	3371	10	6287
Average Inbreeding	7.02	8.49	6.80	8.46	7.47	8.53	7.22	8.01	8.24	8.00
Number inbred	18	48727	12	24990	6	23728	12	24990	10	23728
Number >6.25% Inbr.	15	30600	10	15537	5	15058	4	15537	6	15058

Genetic Trends

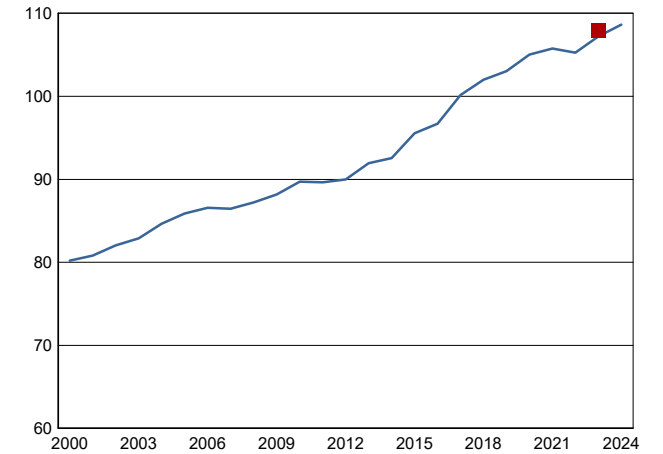
Litter Size



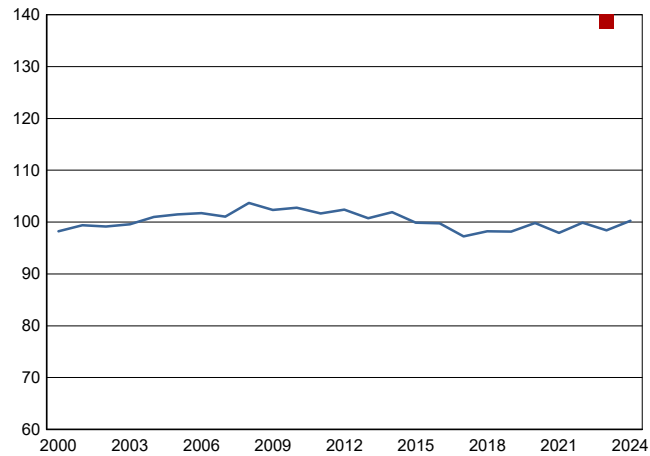
Movement



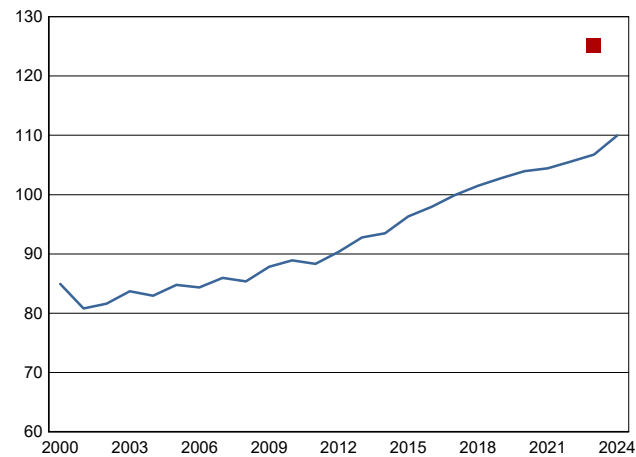
Temperament



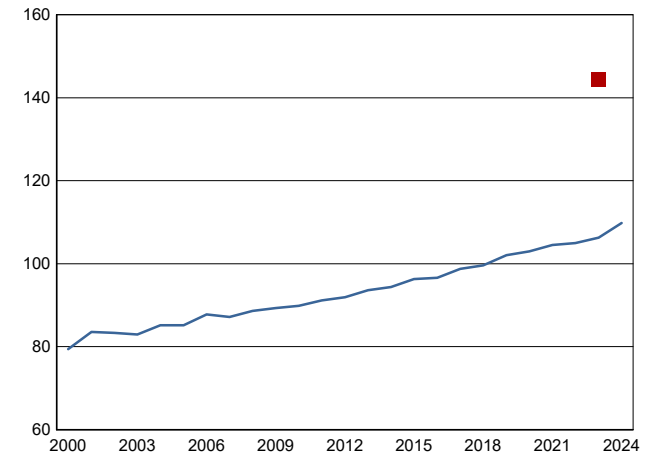
Coat



General Appearance

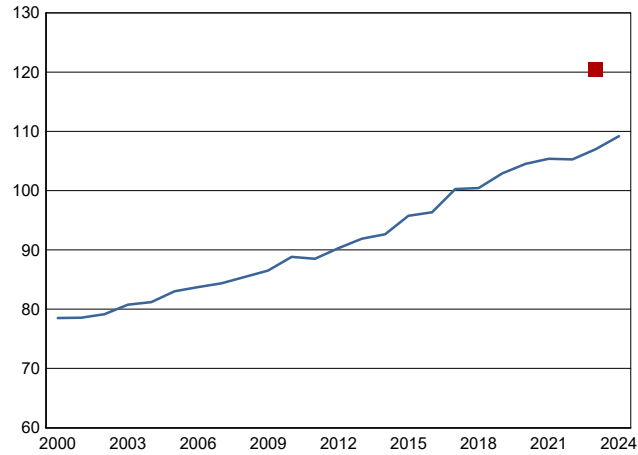


Head & Face

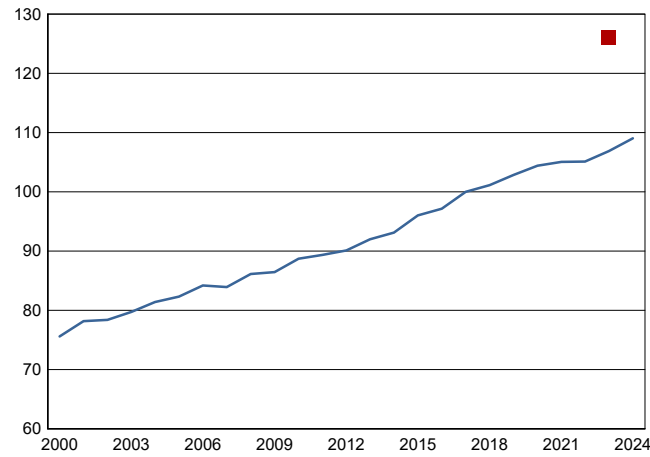


Genetic Trends

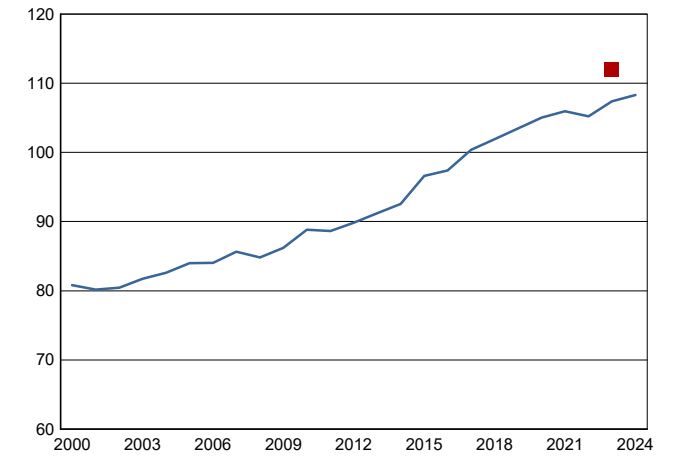
Front Quarter



Centre

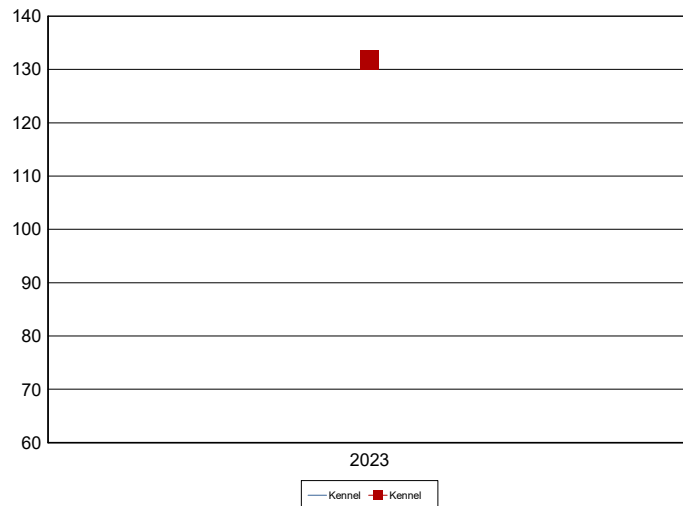


Hind Quarter

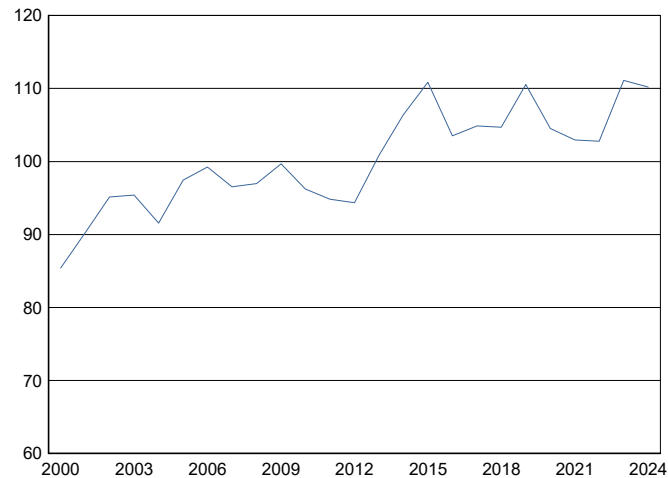


Final Score & Health Traits

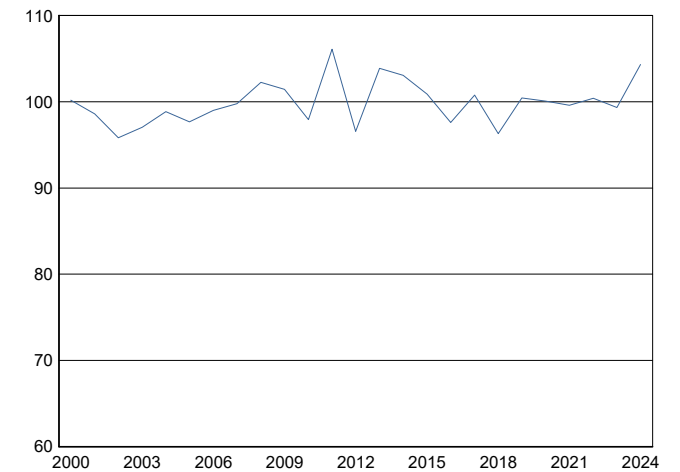
Final Score



Hip Health



Elbow Health



Estimated Breeding Value Indices (EBVi's)

Males

Inbreeding >6.25% is high

< 80

>= 100

>= 120

Animal Information			Inbred	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	
RAINAISANCE APOLLO 2		WOEKER BBD BRANNA	6.19	100	103	97	116	103	132	94	93	93	98	111	104	6	1				
	2020	RAINAISANCE KHALEESI		5	5	15	46	15	64	45	63	47	49	52	58						
SMARTCROWD GHOST		SUMMIT CREED	6.55	94	93	106	88	104	11	126	94	79	95	95	84						
	2022	RAINAISANCE ROXY I		5	5	5	46	16	63	45	62	47	49	52	57						
GATEKEEPER TROJAN		EKVONSALIES DYNAMIC	5.69	96	93	93	89	93	85	101	118	95	106	100	105	4	1				
	2022	GATEKEEPER BELLA		5	5	5	47	16	64	46	63	48	50	53	58						
NARCO ZULU		MIDDELPOS BBD ALBIE	6.83	94	92	105	105	112	132	103	113	120	113	114	118						
	2022	NARCO EMMA		5	5	5	44	8	62	43	61	45	47	50	56						
EMINENT BIGGY		GUNSMOKE PRINCE	6.55	101	90	94	74	105	126	122	137	115	120	105	123						
	2023	WESTPOINT ZIVA		5	5	5	35	5	48	33	47	36	38	40	44						
EMINENT JAZZ		GUNSMOKE PRINCE	6.55	101	90	94	74	105	126	122	137	115	120	105	123						
	2023	WESTPOINT ZIVA		5	5	5	35	5	48	33	47	36	38	40	44						
EMINENT PRINCE		GUNSMOKE PRINCE	6.55	101	90	94	74	105	126	122	137	115	120	105	123						
	2023	WESTPOINT ZIVA		5	5	5	35	5	48	33	47	36	38	40	44						
EMINENT CREED		GUNSMOKE PRINCE	6.55	101	90	94	74	105	126	122	137	115	120	105	123						
	2023	WESTPOINT ZIVA		5	5	5	35	5	48	33	47	36	38	40	44						
EMINENT YURI		GUNSMOKE PRINCE	6.55	101	90	94	74	105	126	122	137	115	120	105	123						
	2023	WESTPOINT ZIVA		5	5	5	35	5	48	33	47	36	38	40	44						

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- rument	Coat	General Appear.	Head & Face	Front Quarter	Centre	Hind Quarter	Final Score	Progeny Litters	Progeny Kennels		Hips	Elbows	
LEEU HART BOESMAN		DUMAS MATRIX	8.59	94	93	92	96	119	71	130	111	112	114	105	109						
	2024	MALAKAS MERREM		5	5	5	37	5	48	36	47	37	39	41	45						
EMINENT DEXTER		RAINAISANCE APOLLO 2	8.71	104	94	95	99	104	143	106	111	107	109	112	115						
	2025	WESTPOINT ZIVA		5	5	5	27	5	41	25	40	27	30	32	37						
EMINENT ODIN		GATEKEEPER TROJAN	6.35	97	93	97	106	104	99	107	123	105	108	108	114						
	2025	NARCO SKY		5	5	5	23	5	39	22	38	24	26	29	34						

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	
WESTPOINT ZIVA		ZUKANDI ZUKO	9.45	107	86	94	82	104	155	118	129	121	119	112	127	19	2	2			1
	2020	KLOPDISSELBOOM RAGGELTJIE DE BEER		5	5	24	50	23	67	49	66	51	53	56	61			2			1
NARCO SKY		RAINAISANCE ALPHA	7.60	98	93	101	124	115	114	112	127	115	110	115	123	4	1				
	2022	NARCO EMMA		5	5	5	42	5	61	41	60	43	46	49	55						
EMINENT LEXA		GUNSMOKE PRINCE	6.55	101	90	94	74	105	126	122	137	115	120	105	123						
	2023	WESTPOINT ZIVA		5	5	5	35	5	48	33	47	36	38	40	44						
EMINENT LEONA		GUNSMOKE PRINCE	6.55	101	90	94	74	105	126	122	137	115	120	105	123						
	2023	WESTPOINT ZIVA		5	5	5	35	5	48	33	47	36	38	40	44						
GUNSMOKE ZOE I		PENINSULA TAURUS	5.58	107	102	101	81	116	93	123	133	117	117	111	121						
	2024	GUNSMOKE DREAM GIRL		5	5	5	38	8	51	38	50	39	41	43	47						
EKVONSALIES SANDY		PIONEER MAGIC	9.07	100	94	94	95	111	96	120	125	111	113	104	116						
	2024	EKVONSALIES CHAMPAGNE		5	5	5	21	5	39	20	38	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
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 ALBIE		AFRIKA LEO 5	5.70	97	91	96	96	110	121	107	116	125	108	95	112	12	3	6		1	
	2017	MIDDELPOS BBD FUDGE		31	47	34	57	33	72	56	71	58	60	62	67			6		1	
ZUKANDI ZUKO		KLEIN SANDFONTEIN HUEY	8.36	101	86	99	96	111	121	122	116	125	123	121	123	30	4	9		7	
	2017	ZUKANDI MICKA		10	27	36	62	41	75	62	74	63	65	67	71			7		2	
DUMAS MATRIX		ELEVATION AROS	5.20	88	95	88	95	125	73	147	124	117	129	110	121	69	14	25		14	
	2018	DUMAS NIKITA		5	5	30	70	44	83	69	82	71	73	75	79			11		3	
RAINAISANCE ALPHA		DELATRO DISHOOM	7.97	105	94	87	109	112	100	112	122	112	105	107	115	12	1	4		2	
	2018	MIDDELPOS BBD FIELA		5	5	28	50	24	64	49	63	51	53	55	59			2		1	
WOEKER BBD BRANNA		WOEKER BBD HANS	16.59	109	105	97	111	100	116	93	92	89	89	100	96	21	5	4		1	
	2018	MIDDELPOS BBD FIELA 3		5	5	32	57	31	71	56	70	57	59	62	66			4		1	
EKVONSALIES DYNAMIC		DUMAS BIG DEAL	4.80	98	97	90	70	91	63	87	104	95	100	99	94	49	9	13		4	
	2019	GATEKEEPER SASHA		5	5	5	59	31	75	58	74	60	62	65	70			9		3	
SUMMIT CREED		DUMAS MATRIX	5.91	94	99	92	93	111	60	129	112	95	109	105	105	27	4	10		4	
	2020	KLOPDISSELBOOM GINGER		5	5	17	54	28	68	53	68	55	57	59	64			9		3	
RAINAISANCE APOLLO 2		WOEKER BBD BRANNA	6.19	100	103	97	116	103	132	94	93	93	98	111	104	6	1				
	2020	RAINAISANCE KHALEESI		5	5	15	46	15	64	45	63	47	49	52	58						
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		4	
PENINSULA TAURUS		MIDDELPOS BBD GAMKA	9.47	120	110	97	68	110	114	117	130	119	100	103	115	52	10	13	1	5	
	2021	ZKR DUCHES		5	5	18	62	35	76	61	75	62	65	67	72			11	1	4	
GATEKEEPER TROJAN		EKVONSALIES DYNAMIC	5.69	96	93	93	89	93	85	101	118	95	106	100	105	4	1				
	2022	GATEKEEPER BELLA		5	5	5	47	16	64	46	63	48	50	53	58						
PIONEER MAGIC		GUNSMOKE PRINCE	5.87	102	93	99	94	120	105	139	142	122	118	100	126	26	3				
	2023	MALAKAS HONEY		5	5	5	45	12	63	44	62	46	48	51	57						

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	
KLOPDISSELBOOM RAGGELTJIE DE BEER	2015	MIDDELPOS BBD VICTOR II	7.11	113	86	89	97	107	125	115	111	109	109	109	113	20	5	8			7
		BOSVLEI ALPHONS KOKKIE		5	5	52	61	35	76	60	75	61	64	66	71			7			4
RAINAISANCE KHALEESI	2018	LAIKA DUSTER	5.41	92	101	97	115	105	114	94	89	95	100	111	101	11	2	5			4
		RAINAISANCE PRIYA		5	5	36	54	26	71	54	70	55	58	60	66			4			1
GATEKEEPER BELLA	2019	KAMMO BBD VEKTOR	17.82	94	89	95	98	97	94	120	120	90	108	102	109	8	2	4			4
		BRAAMBOS SARAFINA		5	5	29	58	30	73	57	72	59	61	63	68			4			1
RAINAISANCE ROXY I	2019	KAMMO BBD VEKTOR	5.81	94	87	121	95	90	85	116	114	79	97	95	99	11	1	5			2
		BLUE PRINT OREO		5	5	31	54	29	69	54	68	55	57	59	64			4			1
NARCO EMMA	2020	KLOPDISSELBOOM STRANGER	8.39	92	92	115	115	110	117	104	117	109	110	119	119	18	3	5			2
		REMBRANDT BBD IVY		5	5	10	50	14	69	50	68	51	54	57	63			4			1
WESTPOINT ZIVA	2020	ZUKANDI ZUKO	9.45	107	86	94	82	104	155	118	129	121	119	112	127	19	2	2			1
		KLOPDISSELBOOM RAGGELTJIE DE BEER		5	5	24	50	23	67	49	66	51	53	56	61			2			1
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
MALAKAS MERREM	2021	ELEVATION GUNNER	9.75	101	91	96	97	113	70	114	98	106	99	100	98	6	2	2			
		KLOPDISSELBOOM MARLEY		5	5	21	39	10	54	39	53	40	42	44	49			2			
NARCO SKY	2022	RAINAISANCE ALPHA	7.60	98	93	101	124	115	114	112	127	115	110	115	123	4	1				
		NARCO EMMA		5	5	5	42	5	61	41	60	43	46	49	55						
EKVONSALIES CHAMPAGNE	2022	EKVONSALIES DYNAMIC	6.09	98	94	89	96	103	88	100	109	99	109	108	106	6	1				
		RAINAISANCE SHADOW 3		5	5	5	39	5	58	39	57	40	43	46	52						

