

Boerboel Genetic Evaluation

SA Stud Book
February 2026

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8 chadwick street
Kabega park
PORT ELIZABETH
6059



Kennel Number: 697688



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.

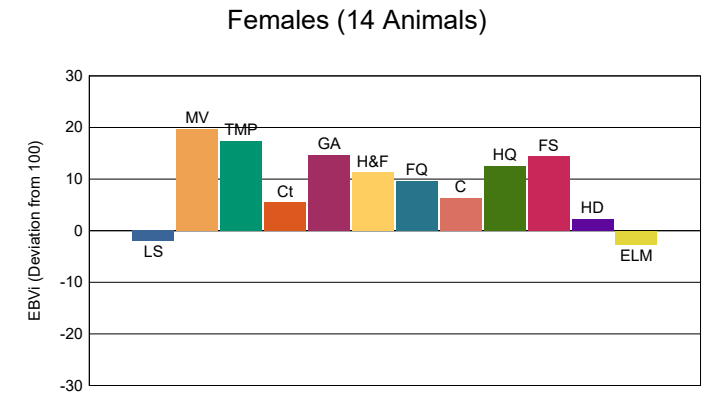
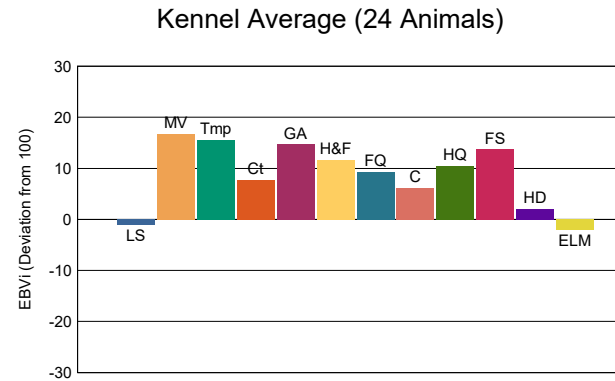
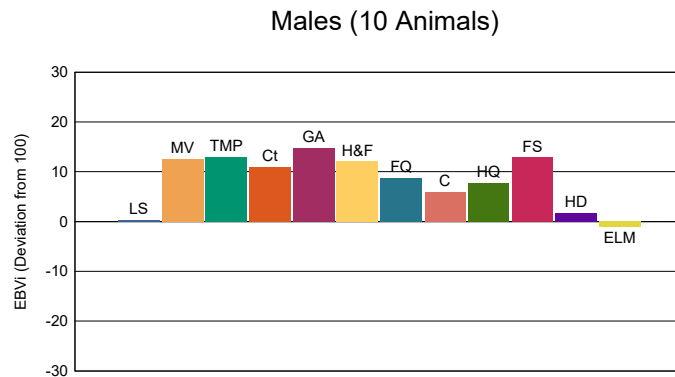
Genetic Trends: The Genetic Trends indicate the genetic change that occurred over time in the animals bred by the breeder compared to that of the breed. These are calculated as the average of the breeding values of all measured animals bred by the breeder, per year of birth.

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)	99	100	98
Movement (Mv)	117	112	120
Temperament (Tmp)	116	113	117
Coat (Ct)	108	111	105
General Appearance	115	115	115
Head & Face (H&F)	112	112	111
Front Quarter (FQ)	109	109	110
Centre (C)	106	106	106
Hind Quarter (HQ)	110	108	112
Final Score (FS)	114	113	114
Hip Health (HH)	102	102	102
Elbow Health (ELM)	98	99	97

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.

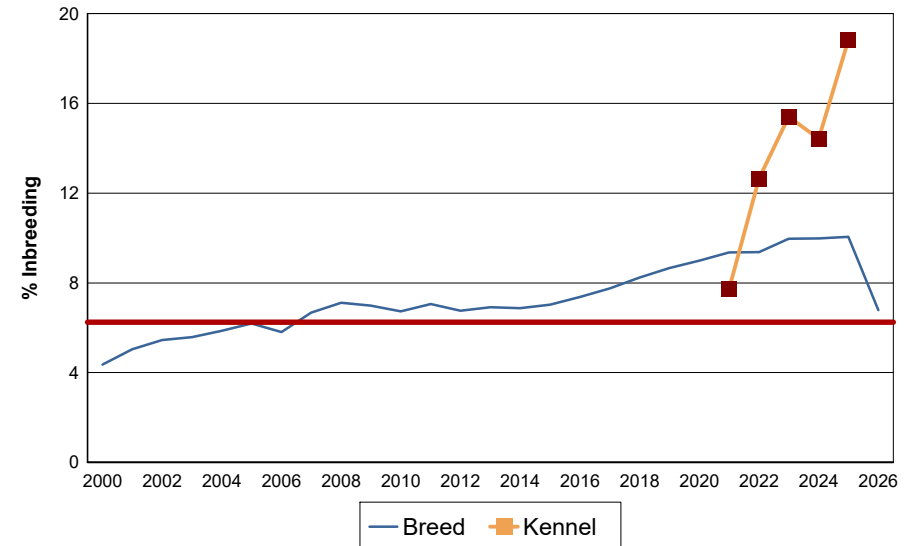
It is therefore highly recommended to record pedigree information as accurately. Inbreeding is dependent on pedigree information. Conventional methods for the calculation of inbreeding coefficients usually assume that unknown parents are unrelated, which is usually far from the truth. Inbreeding coefficients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

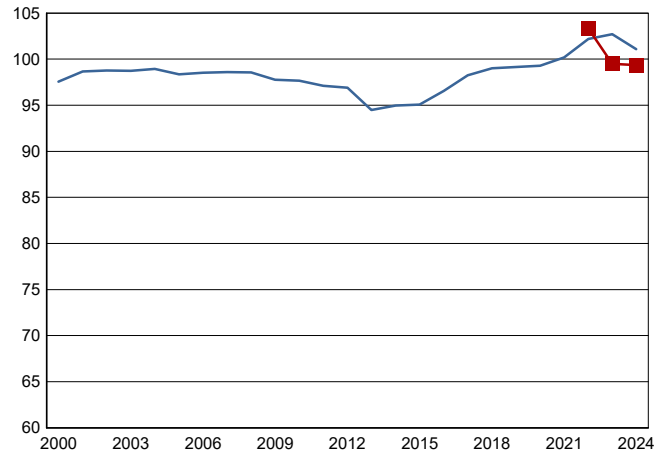


Inbreeding Levels

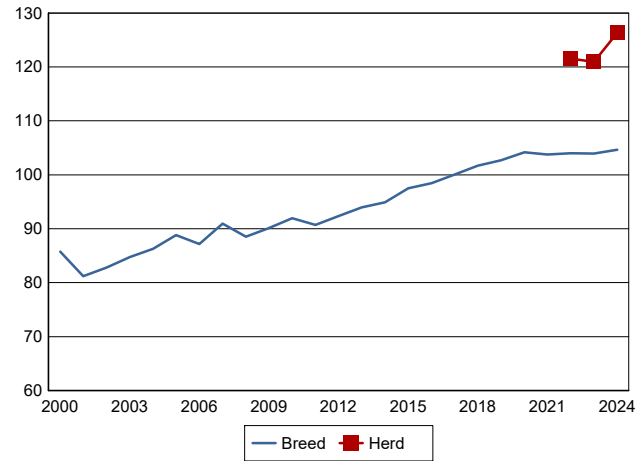
	All Animals		Males		Females		Sires		Dams	
	Kennel	Breed	Kennel	Breed	Kennel	Breed	Kennel	Breed	Kennel	Breed
Number	24	49007	10	25141	14	23857	14	3371	10	6287
Average Inbreeding	15.41	8.49	13.63	8.46	16.69	8.53	9.59	8.01	10.50	8.00
Number inbred	24	48727	10	24990	14	23728	14	24990	10	23728
Number >6.25% Inbr.	24	30600	10	15537	14	15058	8	15537	9	15058

Genetic Trends

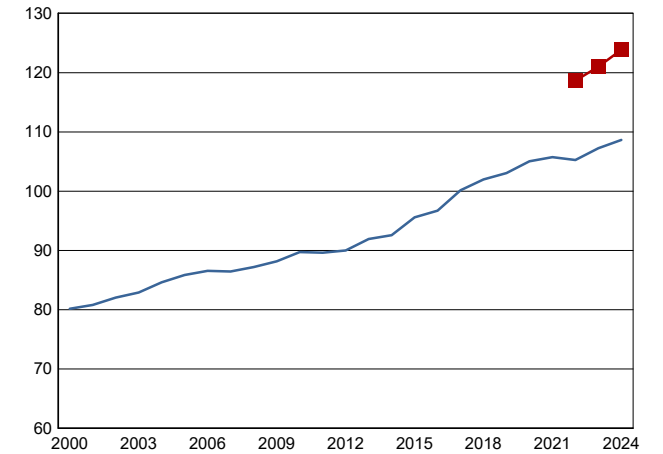
Litter Size



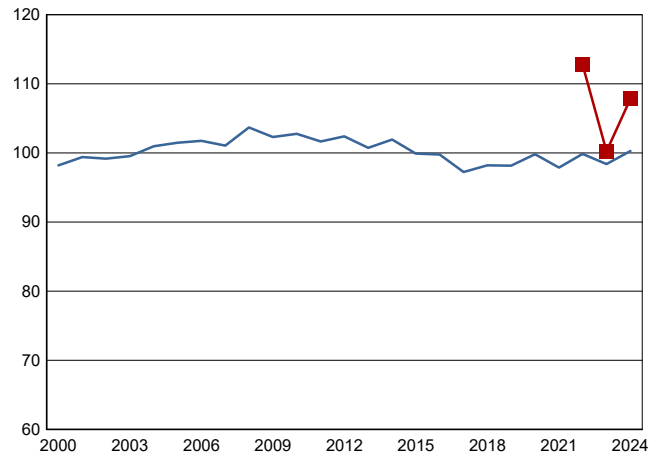
Movement



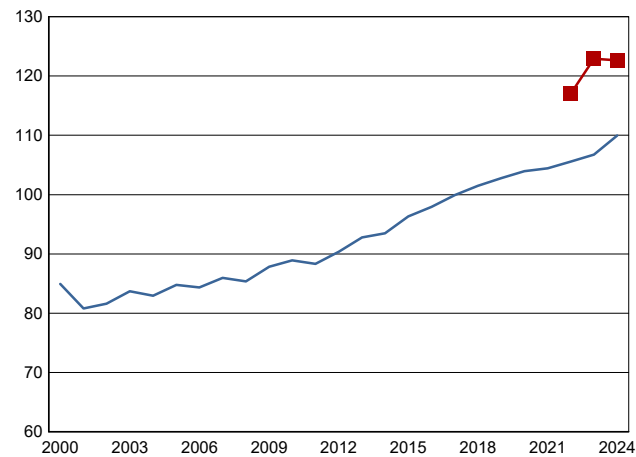
Temperament



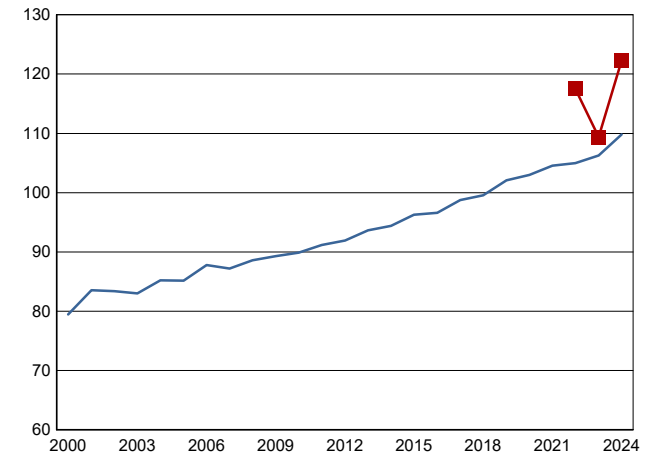
Coat



General Appearance

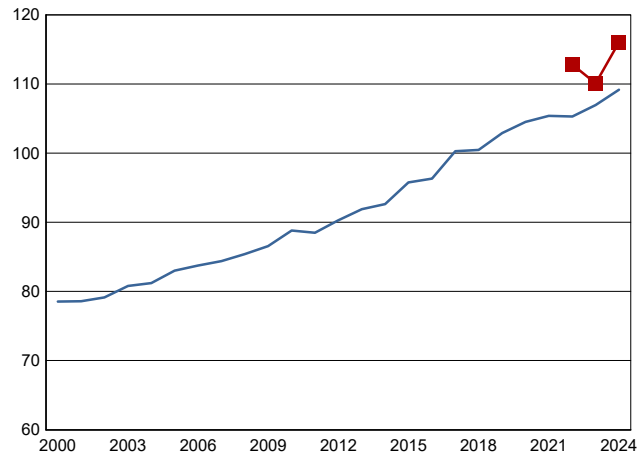


Head & Face

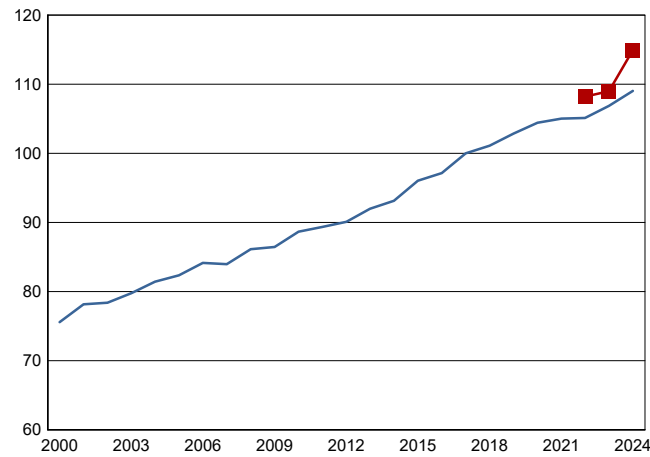


Genetic Trends

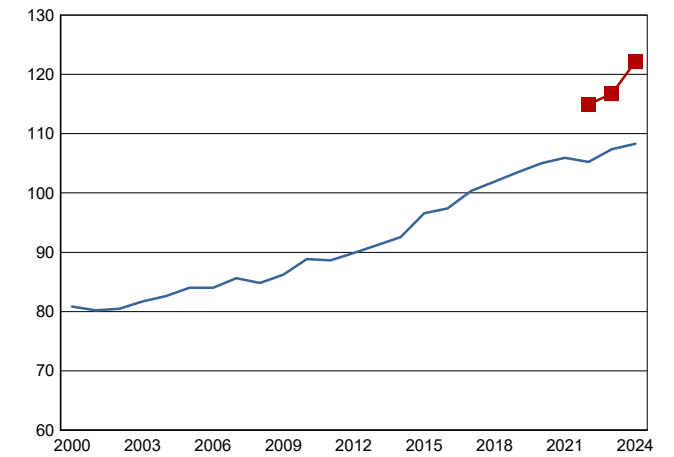
Front Quarter



Centre

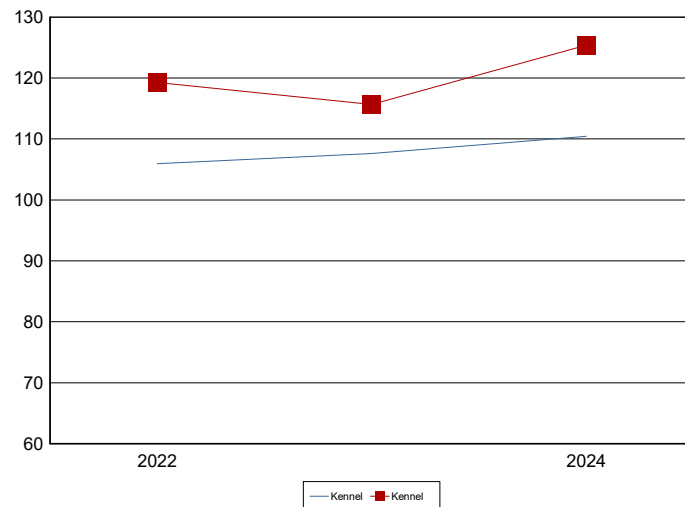


Hind Quarter

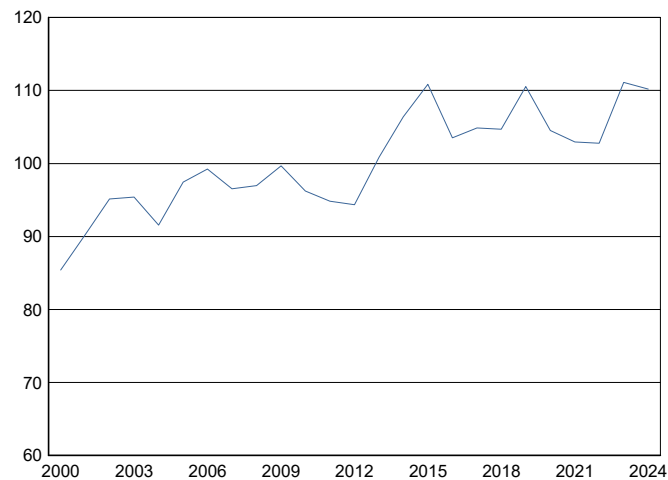


Final Score & Health Traits

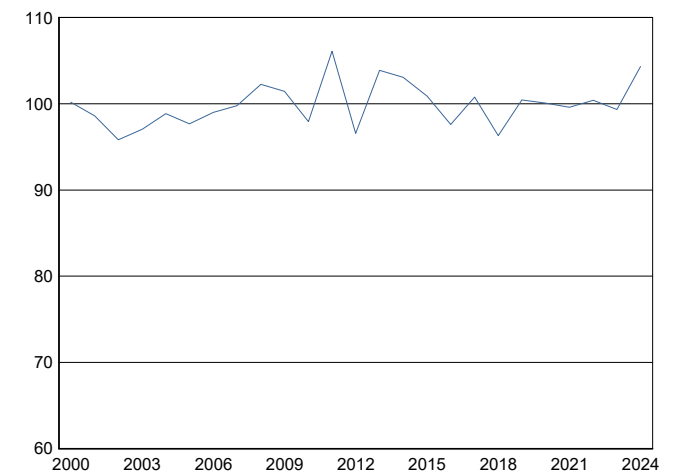
Final Score



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	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			
HORIZON CONG	BRIEL THE GHOST	7.72	98	104	103	113	105	122	111	104	101	97	102	106	13	2	4			2
	2021 MASTERMINDS ROYAL		5	5	5	40	5	55	39	55	41	43	46	51			3			2
HORIZON GRIZZLY	RAINAISANCE BULLETJIE	8.22	102	100	103	120	116	112	117	124	115	107	112	121						
	2022 MASTERMINDS ROYAL		5	5	5	43	5	61	42	60	44	47	50	55						
HORIZON TITAN	HORIZON OCEAN	14.32	96	106	108	106	105	114	106	107	107	103	105	108						
	2023 BRIEL ZARA		5	5	5	5	5	27	5	27	5	10	15	22						
HORIZON STORM	HORIZON CONG	20.24	101	103	96	115	114	109	120	108	108	105	110	112						
	2024 HORIZON AVALANCHE		5	5	5	5	5	23	5	22	5	5	5	14						
HORIZON VOLCANO	SWARTKOP BOERBOEL CAPTAIN BLACKBEARD	7.77	98	103	108	114	98	117	93	96	94	93	99	99						
	2024 HORIZON WINTER		5	5	5	25	5	40	23	39	26	28	31	35						
HORIZON GALEFORCE	SWARTKOP BOERBOEL CAPTAIN BLACKBEARD	7.77	98	103	108	114	98	117	93	96	94	93	99	99						
	2024 HORIZON WINTER		5	5	5	25	5	40	23	39	26	28	31	35						
KINGDOM SPIDER	PIONEER ATLAS	18.98	100	93	97	85	115	105			117	119								
	2025 KINGDOM BELLA		5	5	5	5	5	36		35	8	15	21	29						
HORIZON TANK	ELEVATION DIEZLE	10.23	99	91	87	119	122	96	121	115	116	111	112	117						
	2025 HORIZON AVALANCHE		5	5	5	20	5	32	19	32	21	23	25	29						
HORIZON CEASOR 2	HORIZON PATAT	30.88	105	99	100	128	126	111	121	119	116	110	121	123						
	2025 MASTERMINDS ROYAL		5	5	5	5	5	35	5	33	5	5	5	24						

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	
THOMAS GLOCK	ELEVATION KUDU		10.15	120	89	94	112	129	107			120	123							
	2025	THOMAS MULAN		5	5	5	22	5	39		38	23	26	28	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	
MASTERMINDS ROYAL	2020	LOTTER SUPERMAN	19.73	105	100	96	129	122	114	113	108	107	97	116	114	18	5	7			7
		MASTERMINDS BELLA		5	5	5	48	5	68	46	67	49	52	56	62			6			1
HORIZON SKY	2022	MASTERMINDS ZIGGY	18.55	109	98	103	124	128	100	120	113	121	117	118	121	5	1	1			1
		VAN DER KEMP LUNA		5	5	5	32	5	56	26	54	33	37	41	48			1			1
MASTERMINDS MIRACLE	2023	HORIZON CONG	22.31	103	102	101	117	109	120	111	100	100	95	104	105	3					
		MASTERMINDS BELLA		5	5	5	26	5	53	24	52	28	32	37	45						
HORIZON VERA	2024	HORIZON KONING GOG	18.11	106	99	103	123	125	107	121	118	118	115	118	122						
		HORIZON SKY		5	5	5	14	5	40	5	39	17	21	26	33						
HORIZON SATIVA	2024	FONT BOERBOELS SILVER ARROW	8.68	102	102	96	127	117	108	115	115	107	106	119	118						
		MASTERMINDS ROYAL		5	5	5	41	5	60	40	59	42	45	48	54						
HORIZON MOSQUITOR	2024	SWARTKOP BOERBOEL CAPTAIN BLACKBEARD	7.77	98	103	108	114	98	117	93	96	94	93	99	99						
		HORIZON WINTER		5	5	5	25	5	40	23	39	26	28	31	35						
HORIZON SUMMER	2024	SWARTKOP BOERBOEL CAPTAIN BLACKBEARD	7.77	98	103	108	114	98	117	93	96	94	93	99	99						
		HORIZON WINTER		5	5	5	25	5	40	23	39	26	28	31	35						
GATEKEEPER DONATELLA	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						
HORIZON AMANIA	2025	ELEVATION DIEZLE	10.23	99	91	87	119	122	96	121	115	116	111	112	117						
		HORIZON AVALANCHE		5	5	5	20	5	32	19	32	21	23	25	29						
HORIZON LILLY	2025	ELEVATION DIEZLE	10.23	99	91	87	119	122	96	121	115	116	111	112	117						
		HORIZON AVALANCHE		5	5	5	20	5	32	19	32	21	23	25	29						
HORIZON LATIFA	2025	ELEVATION DIEZLE	10.23	99	91	87	119	122	96	121	115	116	111	112	117						
		HORIZON AVALANCHE		5	5	5	20	5	32	19	32	21	23	25	29						

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		
HORIZON ROYAL		HORIZON PATAT	30.88	105	99	100	128	126	111	121	119	116	110	121	123						
	2025	MASTERMINDS ROYAL		5	5	5	5	5	35	5	33	5	5	5	24						
HORIZON BEKKIES		HORIZON PATAT	30.88	105	99	100	128	126	111	121	119	116	110	121	123						
	2025	MASTERMINDS ROYAL		5	5	5	5	5	35	5	33	5	5	5	24						
HORIZON SHILA		HORIZON PATAT	30.88	105	99	100	128	126	111	121	119	116	110	121	123						
	2025	MASTERMINDS ROYAL		5	5	5	5	5	35	5	33	5	5	5	24						

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		
LOTTER SUPERMAN		LOTTER SUPER	7.38	102	99	108	130	123	99	103	116	116	102	112	116	16	5	9		8	
	2017	LOTTER TESSA		5	5	18	60	33	75	59	74	61	63	65	70						3
RAINAISANCE BULLETJIE		MARANATA BBD RAMBO	5.94	100	100	111	112	107	113	113	119	108	112	111	117	6	2	5		4	
	2019	RAINAISANCE PRIYA		5	5	17	56	26	72	55	71	57	59	62	67						2
MASTERMINDS ZIGGY		LOTTER SUPERMAN	19.73	105	100	104	129	120	107	101	102	109	101	116	111	3	1	1		1	
	2020	MASTERMINDS BELLA		5	5	5	40	5	61	38	59	41	44	48	54						1
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						4
ELEVATION DIEZLE		ELEVATION VAATJIE	16.08	95	79	84	119	121	95	113	117	116	110	107	115	11	3				
	2021	ELEVATION MIAMI		5	22	28	44	22	54	43	53	44	46	47	51						
HORIZON CONG		BRIEL THE GHOST	7.72	98	104	103	113	105	122	111	104	101	97	102	106	13	2	4		2	
	2021	MASTERMINDS ROYAL		5	5	5	40	5	55	39	55	41	43	46	51						2
HORIZON OCEAN		BRIEL THE GHOST	7.72	98	104	105	116	109	121	110	107	106	102	106	110	12	2				
	2021	MASTERMINDS ROYAL		5	5	5	36	5	50	35	50	37	39	42	46						
HORIZON KONING GOG		RAINAISANCE BULLETJIE	8.22	102	100	103	122	121	113	122	123	114	113	119	124	18	4	3		1	
	2022	MASTERMINDS ROYAL		5	5	5	51	14	70	49	69	52	55	58	64						1
ELEVATION KUDU		VAN DER KEMP BLOCK	16.96	137	97	89	113	134	99	129	116	126	126	119	125	37	7				
	2022	JAMBAL KATINKA		5	35	5	41	5	61	41	60	42	45	48	54						
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						
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						2
PIONEER ATLAS		GUNSMOKE PRINCE	5.87	102	93	99	79	113	106	134	147	124	116	92	123	2					
	2023	MALAKAS HONEY		5	5	5	41	8	58	41	57	42	45	47	52						

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	
SWARTKOP BOERBOEL CAPTAIN BLACKBEARD		MAJALI MAX 2	4.49	98	102	109	110	87	111	80	89	86	85	91	89	37	6	1		
	2023	BOELA LULU		5	5	13	48	19	66	45	65	49	51	54	60					
HORIZON PATAT		HORIZON KONING GOG	18.11	106	99	103	126	131	108	130	130	125	124	125	133	5	1			
	2024	HORIZON SKY		5	5	5	35	5	60	24	59	36	40	44	52					

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	
MASTERMINDS BELLA	2018	SUID KAAP OSKAR	8.72	108	100	98	123	117	118	107	102	106	99	112	110	8	2	4			3
		LOTTER TESSA II		5	5	22	53	25	69	52	68	54	56	59	64			2			2
MASTERMINDS ROYAL	2020	LOTTER SUPERMAN	19.73	105	100	96	129	122	114	113	108	107	97	116	114	18	5	7			7
		MASTERMINDS BELLA		5	5	5	48	5	68	46	67	49	52	56	62			6			1
VAN DER KEMP LUNA	2021	MASTERMINDS KING KAIRO	11.56	114	96	98	124	138	85	130	127	134	134	120	131	3	1	1			1
		JAMBAL KENYA		5	5	16	45	15	62	44	61	46	48	51	56			1			1
BRIEL ZARA	2021	WIESENHOF MENEER	6.17	94	108	111	96	102	106	103	107	108	103	104	106	14	2				
		ALESSANDRO BEAULA		5	5	5	31	5	45	30	44	32	34	36	41						
THOMAS MULAN	2021	ZKR BROCK	7.38	104	81	99	111	124	115	134	114	114	120	118	122	6	2				
		SCOUSER MEDEA		5	5	5	40	5	58	39	57	41	44	46	52						
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			
HORIZON SKY	2022	MASTERMINDS ZIGGY	18.55	109	98	103	124	128	100	120	113	121	117	118	121	5	1	1			1
		VAN DER KEMP LUNA		5	5	5	32	5	56	26	54	33	37	41	48			1			1
KINGDOM BELLA	2023	GUNSMOKE PRINCE	8.99	98	94	94	92	117	104	133	124	111	121	108	120	2					
		RAINAISANCE MARREL		5	5	5	46	10	65	45	64	47	49	52	58						
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						
HORIZON AVALANCHE	2023	RAINAISANCE STETSON	7.31	104	102	90	118	124	96	128	113	116	112	118	118	9	2				
		MASTERMINDS ROYAL		5	5	5	33	5	48	32	47	34	36	39	44						

