

Boerboel Genetic Evaluation

SA Stud Book
February 2026

0 0 ANGIE CROMHOUT

PO BOX 33

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FOCHVILLE

2515



Kennel Number: 676524



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.

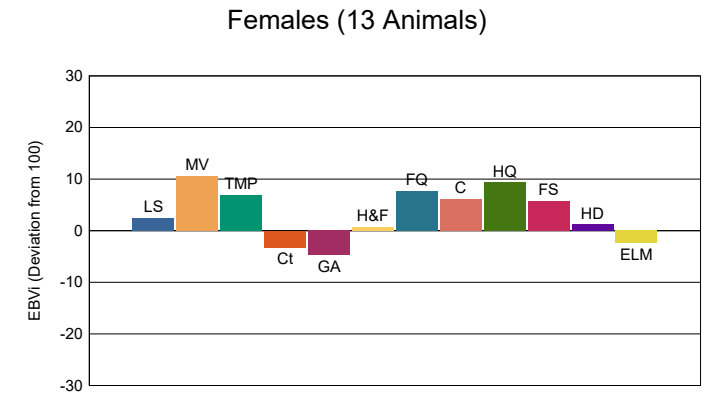
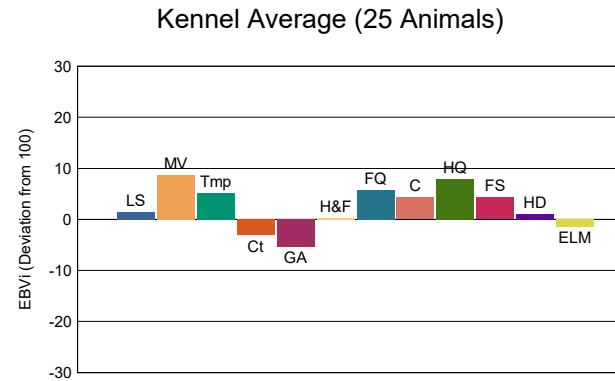
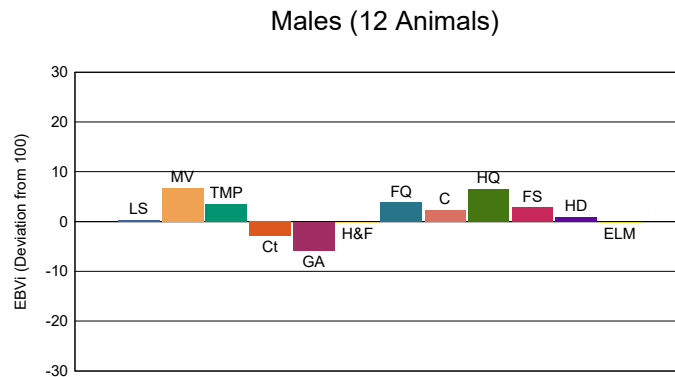
Genetic Trends: The Genetic Trends indicate the genetic change that occurred over time in the animals bred by the breeder compared to that of the breed. These are calculated as the average of the breeding values of all measured animals bred by the breeder, per year of birth.

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)	101	100	102
Movement (Mv)	109	107	110
Temperament (Tmp)	105	103	107
Coat (Ct)	97	97	97
General Appearance	95	94	95
Head & Face (H&F)	100	100	101
Front Quarter (FQ)	106	104	108
Centre (C)	104	102	106
Hind Quarter (HQ)	108	106	109
Final Score (FS)	104	103	106
Hip Health (HH)	101	101	101
Elbow Health (ELM)	99	100	98

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.

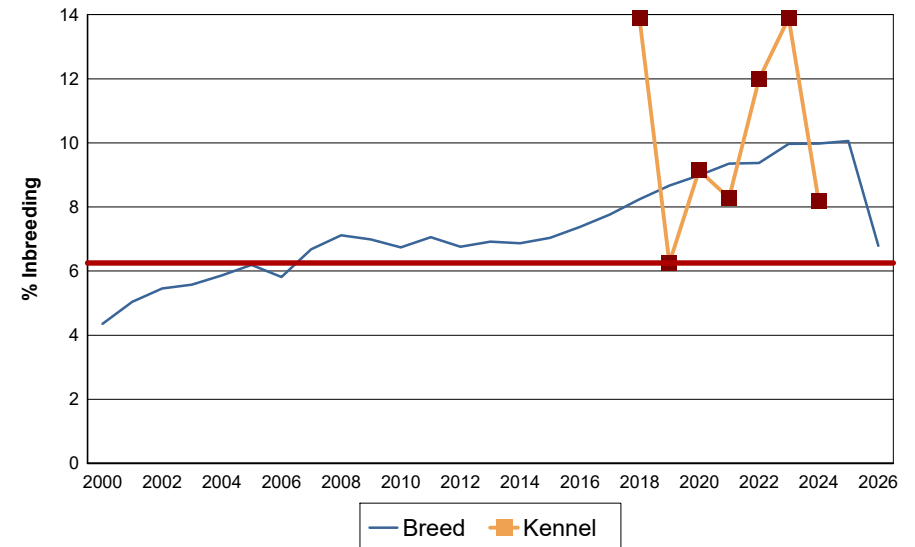
It is therefore highly recommended to record pedigree information as accurately. Inbreeding is dependent on pedigree information. Conventional methods for the calculation of inbreeding coefficients usually assume that unknown parents are unrelated, which is usually far from the truth. Inbreeding coefficients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

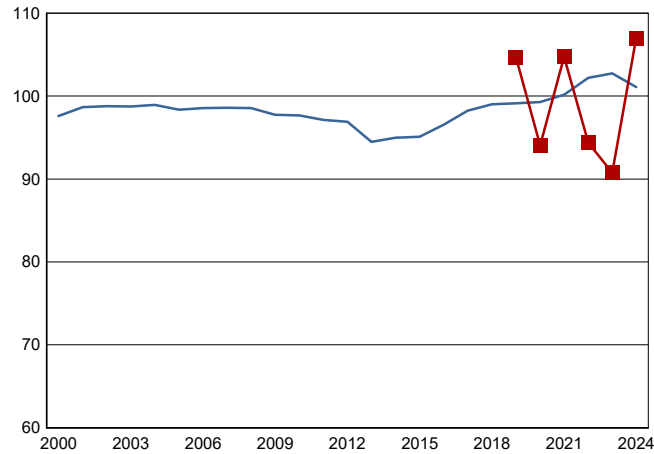


Inbreeding Levels

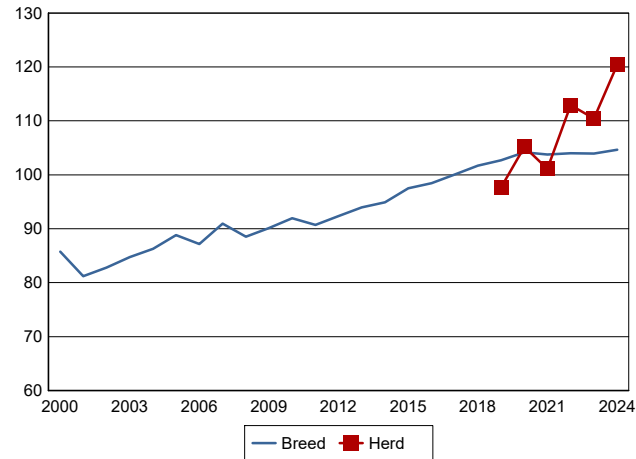
	All Animals		Males		Females		Sires		Dams	
	Kennel	Breed	Kennel	Breed	Kennel	Breed	Kennel	Breed	Kennel	Breed
Number	25	49007	12	25141	13	23857	8	3371	10	6287
Average Inbreeding	11.74	8.49	11.53	8.46	11.93	8.53	9.51	8.01	8.73	8.00
Number inbred	25	48727	12	24990	13	23728	8	24990	10	23728
Number >6.25% Inbr.	21	30600	10	15537	11	15058	6	15537	8	15058

Genetic Trends

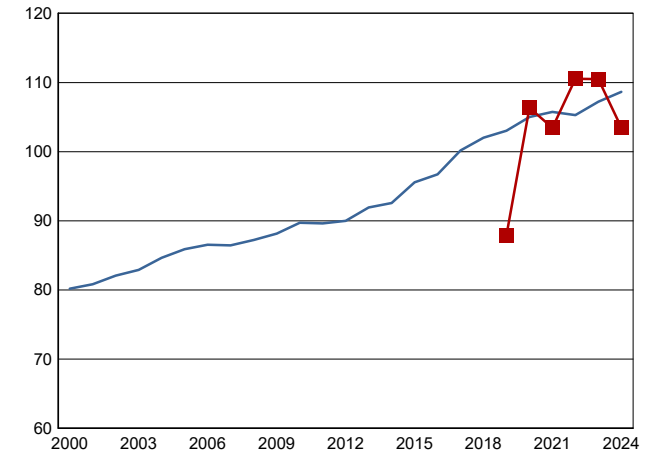
Litter Size



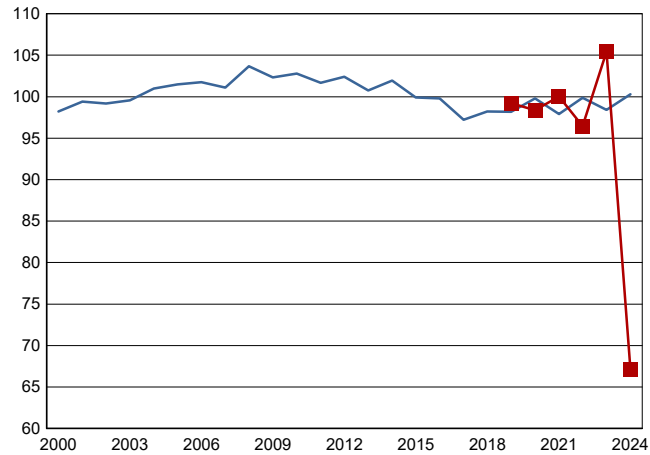
Movement



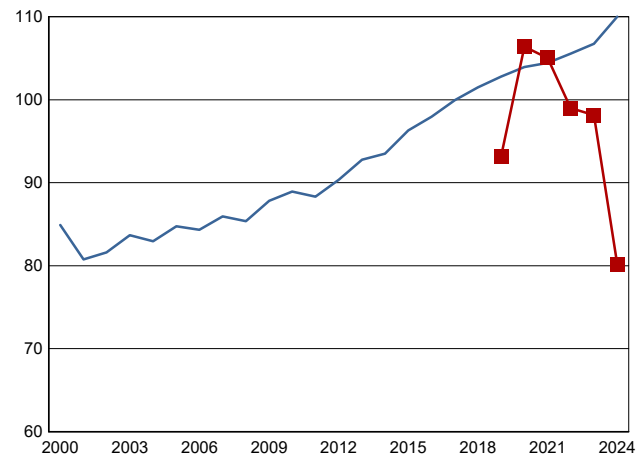
Temperament



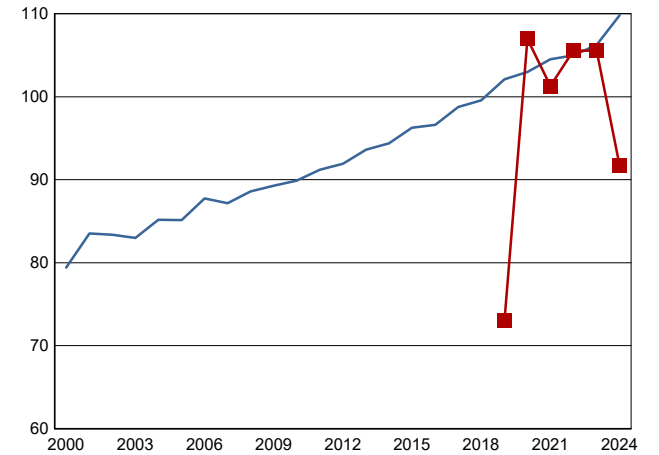
Coat



General Appearance

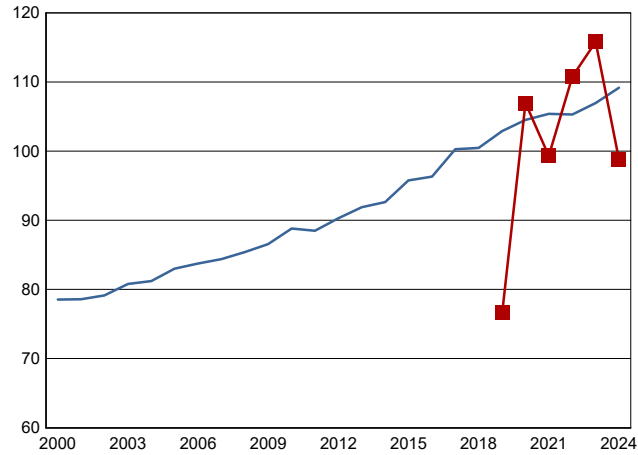


Head & Face

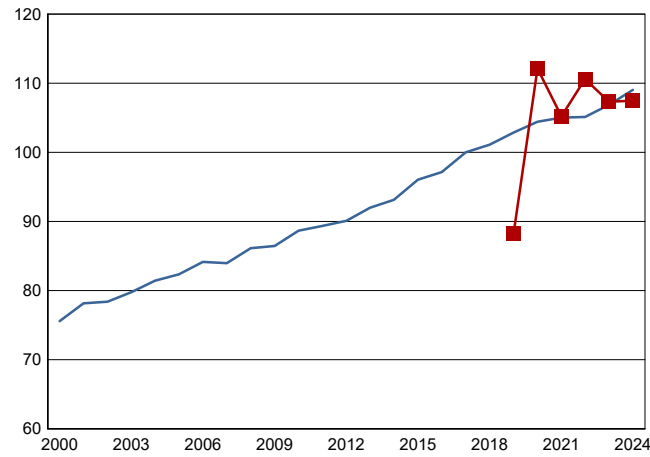


Genetic Trends

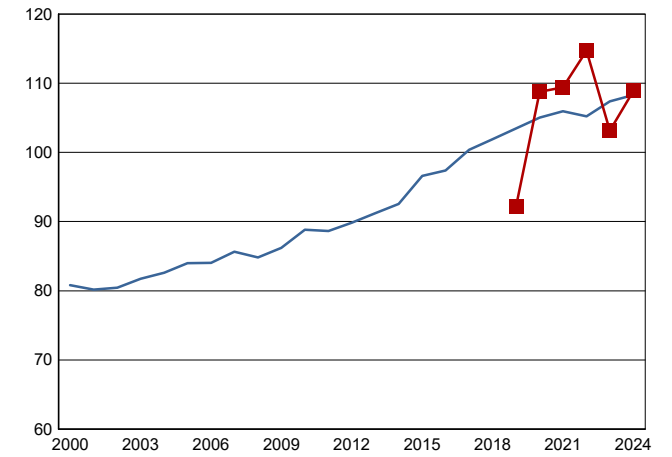
Front Quarter



Centre

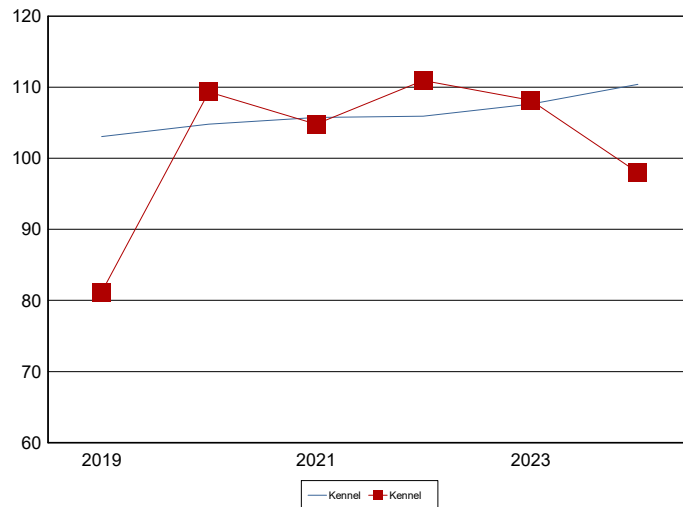


Hind Quarter

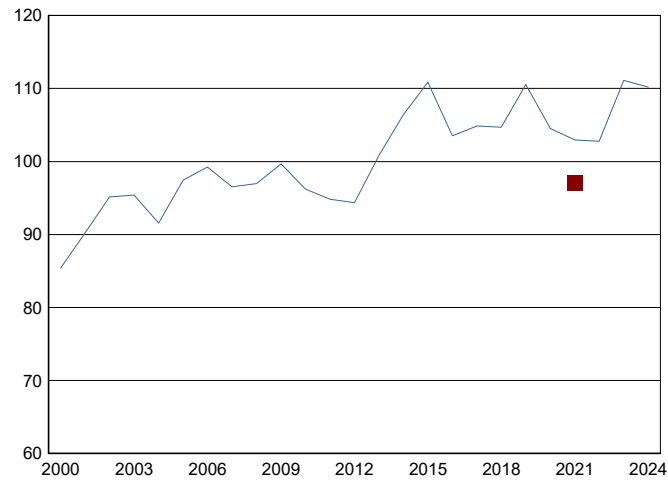


Final Score & Health Traits

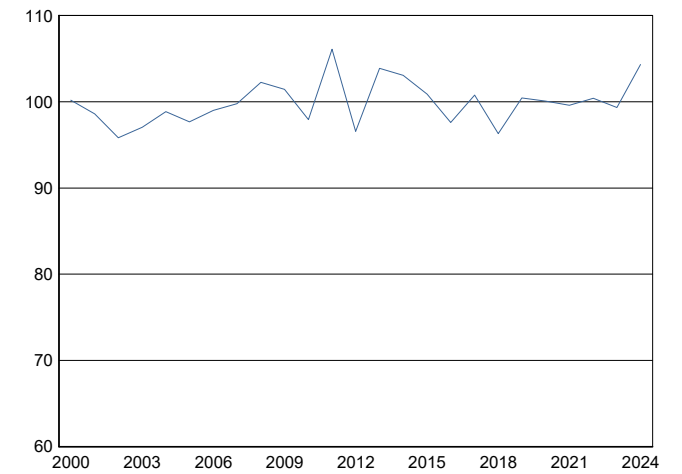
Final Score



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	
BYr	Dam		Acc.	Acc.	Acc.	ment	rament		Appear.	Face	Quarter		Quarter	Score			Kennels			
BRANDVLEI THOR	ALEXANDER BBD HATORI HANZO	10.30	85	106	103	94	89	101	92	81	82	88	91	84						
	ALEXANDER BBD LAYLA ALI		5	5	18	35	5	47	34	47	36	38	40	44						
BRANDVLEI 7320	MES BENOIT	5.20	105	98	98	100	100	95	93	103	100	92	94	97						
	SUID KAAP GOOD KARMA		5	5	12	33	5	44	32	43	34	35	37	41						
BRANDVLEI 7173	MES BENOIT	5.20	105	98	98	100	100	95	93	103	100	92	94	97						
	SUID KAAP GOOD KARMA		5	5	12	33	5	44	32	43	34	35	37	41						
BRANDVLEI RIDDICK FURY	COLOS THE HUNTER ORION	7.26	94	111	121	107	101	100	94	92	101	108	115	103						
	CDH GIGA		5	5	30	42	20	53	42	52	43	44	46	49						
BRANDVLEI SAMSON I	MES BENOIT	12.00	107	95	106	112	106	101	88	99	109	103	114	106						
	CDH GIGA		5	5	30	43	20	54	43	53	44	45	47	50						
BRANDVLEI BILLIONAIRE	MES BENOIT	9.61	99	106	83	106	108	99	110	111	108	115	111	113						
	BRANDVLEI O'REILLEY		5	5	14	38	13	49	38	49	39	41	42	46						
BRANDVLEI 9185	MES BENOIT	12.00	107	95	106	112	106	101	88	99	109	103	114	106						
	CDH GIGA		5	5	30	43	20	54	43	53	44	45	47	50						
BRANDVLEI BRUCE	MES BENOIT	12.00	107	95	106	112	106	101	88	99	109	103	114	106						
	CDH GIGA		5	5	30	43	20	54	43	53	44	45	47	50						
BRANDVLEI 9192	MES BENOIT	12.00	107	95	106	112	106	101	88	99	109	103	114	106						
	CDH GIGA		5	5	30	43	20	54	43	53	44	45	47	50						

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	
BRANDVLEI 9188		BRANDVLEI ULTRA OLYMPUS	21.01	101	98	105	110	103	91	91	99		103	111	103					
	2023	BRANDVLEI DIXI		5	5	5	5	5	29	5	28		12	17	23					
BRANDVLEI 9194		HASHTAG THANOS	10.90	95	99	83	106	107	97	105	108	112	107	95	105					
	2023	BRANDVLEI MARY-JANE		5	5	15	40	12	52	40	52	41	43	45	49					
BRANDVLEI THOR III		BRANDVLEI ULTRA OLYMPUS	20.89	99	100	90	108	109	86	101	106	108	111	110	108					
	2024	BRANDVLEI MARY-JANE		5	5	5	20	5	39	19	38	22	25	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	
BRANDVLEI VICTORIA SECRET		AFRIKA GHUNTER	9.51	88	85	119	105	112	101	118	105	105	109	109	109						
	2021	KAMMO BBD DELANEY		5	5	30	44	24	53	44	53	45	46	48	50						
EL ROI MISCHA		EL ROI SWAPO	5.79	108	104	108	111	105	83	88	92	104	108	105	99	13	1	1			
	2021	EL ROI OLIVE		5	5	16	26	5	43	25	42	27	29	32	38						
BRANDVLEI DEMI		MES BENOIT	12.00	107	95	106	114	105	99	79	99	108	102	118	106						
	2022	CDH GIGA		5	5	30	51	25	66	50	65	51	53	56	61						
BRANDVLEI GYDA		BRANDVLEI ULTRA OLYMPUS	21.01	101	98	105	110	103	91	91	99		103	111	103						
	2023	BRANDVLEI DIXI		5	5	5	5	5	29	5	28		12	17	23						
BRANDVLEI 9183		MES BENOIT	12.00	107	95	106	112	106	101	88	99	109	103	114	106						
	2023	CDH GIGA		5	5	30	43	20	54	43	53	44	45	47	50						
BRANDVLEI 9173		MES BENOIT	12.00	107	95	106	112	106	101	88	99	109	103	114	106						
	2023	CDH GIGA		5	5	30	43	20	54	43	53	44	45	47	50						
BRANDVLEI 9199		MES BENOIT	12.00	107	95	106	112	106	101	88	99	109	103	114	106						
	2023	CDH GIGA		5	5	30	43	20	54	43	53	44	45	47	50						
BRANDVLEI 9178		MES BENOIT	12.00	107	95	106	112	106	101	88	99	109	103	114	106						
	2023	CDH GIGA		5	5	30	43	20	54	43	53	44	45	47	50						
BRANDVLEI 9190		HASHTAG THANOS	10.90	95	99	83	106	107	97	105	108	112	107	95	105						
	2023	BRANDVLEI MARY-JANE		5	5	15	40	12	52	40	52	41	43	45	49						
BRANDVLEI 9191		HASHTAG THANOS	10.90	95	99	83	106	107	97	105	108	112	107	95	105						
	2023	BRANDVLEI MARY-JANE		5	5	15	40	12	52	40	52	41	43	45	49						
BRANDVLEI KEELY		BRANDVLEI ULTRA OLYMPUS	6.23	102	102	107	110	102	82	91	95	100	106	106	100						
	2024	EL ROI MISCHA		5	5	5	20	5	35	20	34	21	23	26	30						

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	
BRANDVLEI ROXY		BRANDVLEI ULTRA OLYMPUS	20.89	99	100	90	108	109	86	101	106	108	111	110	108						
	2024	BRANDVLEI MARY-JANE		5	5	5	20	5	39	19	38	22	25	28	34						
SWARTKOP BOERBOEL GULIETTA CROMHOUT		CDH VERSTAPPEN	9.82	94	107	107	117	114	121	111	103	116	116	117	116						
	2024	SWARTKOP BOERBOEL GRACE KELLY		5	5	5	36	5	49	35	49	36	38	41	45						

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	
ALEXANDER BBD HATORI HANZO	2017	CABARET ALLYCAT	14.73	92	100	124	91	92	104	100	86	89	91	83	86	48	12	12			7
		HOREB ISABELLA		5	5	33	60	31	74	59	74	61	63	65	70			12			4
EL ROI SWAPO	2017	CHALMERS BOEL	3.74	101	105	95	118	109	84	99	91	107	114	108	103	25	5	1			1
		ROBUST NTOMBOZANA		5	5	16	43	10	63	42	62	44	47	50	56			1			1
MES BENOIT	2018	MES ARNOLD 1	10.39	109	96	76	109	109	95	100	116	111	108	110	113	75	12	22			9
		MES LALLI		26	45	44	68	46	81	68	80	69	71	73	77			18			2
AFRIKA GHUNTER	2018	MES RUBENSTEIN	9.30	93	66	103	113	135	118	138	125	129	122	119	130	227	37	64	1	1	32
		DORSLAND EMMA		19	33	49	79	57	88	79	88	79	81	83	86			43			11
HASHTAG THANOS	2019	MES ASKAM	12.70	86	97	91	104	96	104	100	104	104	94	78	95	60	13	20			5
		HASHTAG HAVANA		5	5	36	67	44	80	67	80	68	70	72	76			14			3
COLOS THE HUNTER ORION	2019	TARGUS RAM	5.55	83	128	106	97	98	94	114	103	95	119	112	108	48	8	11			6
		KLEIN SANDFONTEIN AKITA		5	10	42	65	43	78	65	77	66	68	70	74			4			2
BRANDVLEI ULTRA OLYMPUS	2021	MES BENOIT	9.33	96		106	108	100	82	94	99	96	103	107	100	20	3	1			
		KAMMO BBD DELANEY		5		27	42	18	54	41	53	42	44	46	50			1			
CDH VERSTAPPEN	2022	MINTAKAROO CDH HENNIE	10.35	95	110	110	121	118	129	121	111	118	124	122	124	84	13	12			
		CDH NONNA		5	5	16	59	30	76	58	75	60	63	65	71			9			

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	
ALEXANDER BBD LAYLA ALI	2017	ALEXANDER BBD BLACK-KNIGHT	10.76	79	112	81	98	86	97	85	76	76	85	98	83	11	3	3		1
		JANIEKA FIELA		5	5	46	48	18	62	47	62	49	51	53	58			2		1
EL ROI OLIVE	2017	EL ROI KOOS MIDDELPOS	7.14	114	103	111	94		97	89	96	100	101	98	97	16	2	1		1
		EL ROI OPHRAH		5	5	27	34		48	34	48	35	37	39	44			1		1
CDH GIGA	2019	CDH KAROO	5.09	105	95	135	116	103	106	75	81	106	98	118	99	35	5	6		3
		MES LARA 2		5	5	60	63	42	76	63	75	64	66	68	72			6		2
SUID KAAP GOOD KARMA	2019	SUID KAAP AFRIKA	12.39	100	101	120	91	91	94	86	91	88	76	78	82	6	1			
		SUID KAAP MATILDA		5	5	5	32	5	48	32	47	33	36	38	43					
KAMMO BBD DELANEY	2019	SPITSVUUR BBD TOKARA DRIFTER	8.24	83	104	135	96	89	84	98	86	81	97	100	89	26	4	6		3
		KAMMO BBD ZASTAVA		8	18	54	55	35	67	55	67	56	58	60	63			5		1
BRANDVLEI MARY-JANE	2020	MES BENOIT	10.93	103	100	75	108	118	90	109	112	120	119	113	116	11	3	3		
		MES GULIETTA		5	5	41	56	31	72	56	71	57	59	62	67			3		
EL ROI MISCHA	2021	EL ROI SWAPO	5.79	108	104	108	111	105	83	88	92	104	108	105	99	13	1	1		
		EL ROI OLIVE		5	5	16	26	5	43	25	42	27	29	32	38			1		
BRANDVLEI O'REILLEY	2021	COLOS THE HUNTER ORION	8.11	90	116	90	102	107	103	120	106	106	121	112	113	3	1	1		
		MES GULIETTA		5	5	28	48	23	63	48	62	49	51	53	58			1		
BRANDVLEI DIXI	2022	MES BENOIT	12.00	107	95	103	112	106	101	88	99	109	103	114	106	5	1			
		CDH GIGA		5	5	33	43	20	54	43	53	44	45	47	50					
SWARTKOP BOERBOEL GRACE KELLY	2022	FONT BOERBOELS GUN SMOKE	6.90	93	104	104	113	110	112	101	96	114	107	113	108	11	2	2		
		MES PAULKA		5	5	30	51	25	67	50	66	51	54	56	62			2		

