

Boerboel Genetic Evaluation

SA Stud Book
February 2026

MR P. SEPAMPURU

735A NYAKALE STREET NALEDI PO KWA-XUMA

0

SOWETO

1868



Kennel Number: 611426



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.

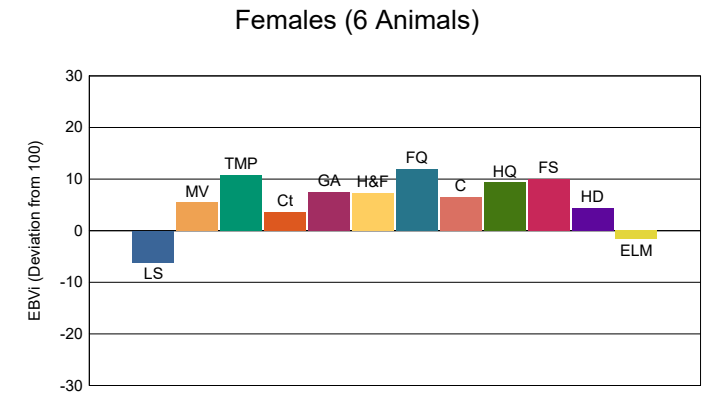
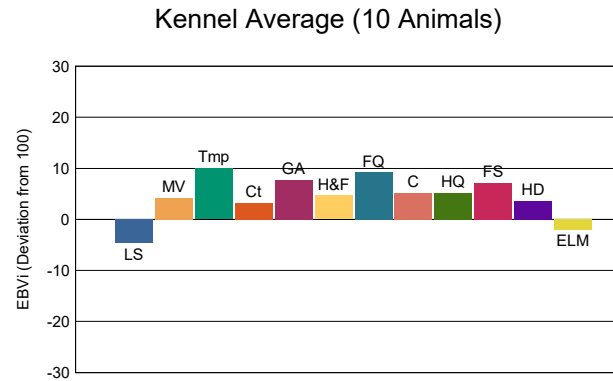
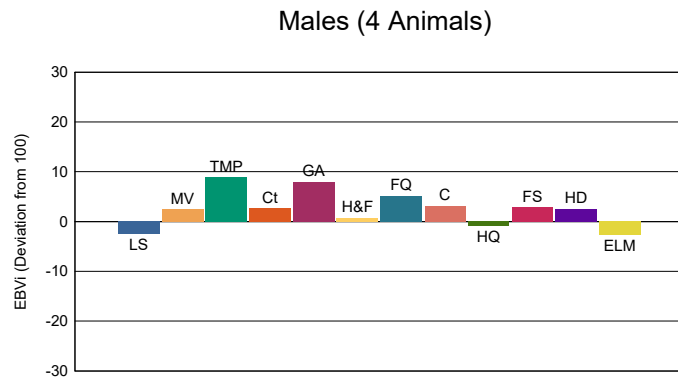
Genetic Trends: The Genetic Trends indicate the genetic change that occurred over time in the animals bred by the breeder compared to that of the breed. These are calculated as the average of the breeding values of all measured animals bred by the breeder, per year of birth.

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)	95	98	94
Movement (Mv)	104	102	105
Temperament (Tmp)	110	109	111
Coat (Ct)	103	103	104
General Appearance	108	108	108
Head & Face (H&F)	105	101	107
Front Quarter (FQ)	109	105	112
Centre (C)	105	103	107
Hind Quarter (HQ)	105	99	109
Final Score (FS)	107	103	110
Hip Health (HH)	104	102	104
Elbow Health (ELM)	98	97	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.

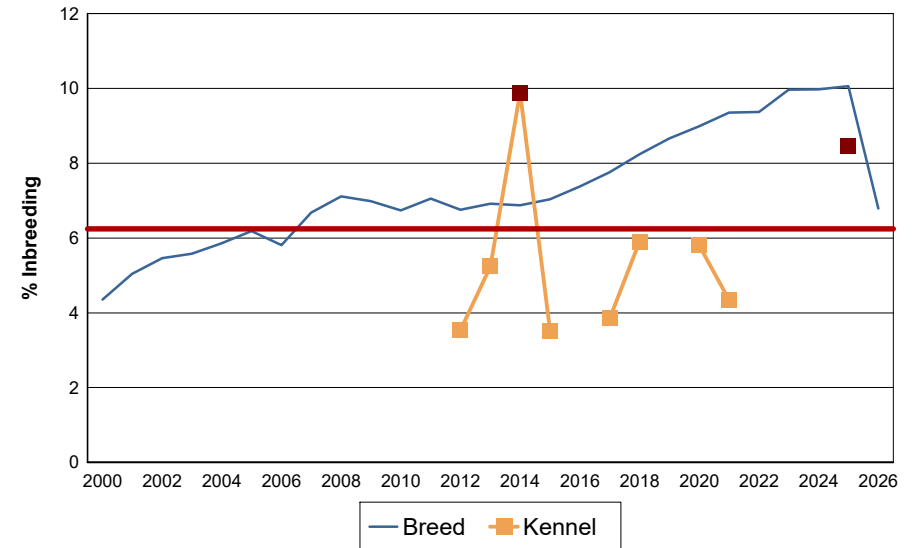
It is therefore highly recommended to record pedigree information as accurately. Inbreeding is dependent on pedigree information. Conventional methods for the calculation of inbreeding coefficients usually assume that unknown parents are unrelated, which is usually far from the truth. Inbreeding coefficients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

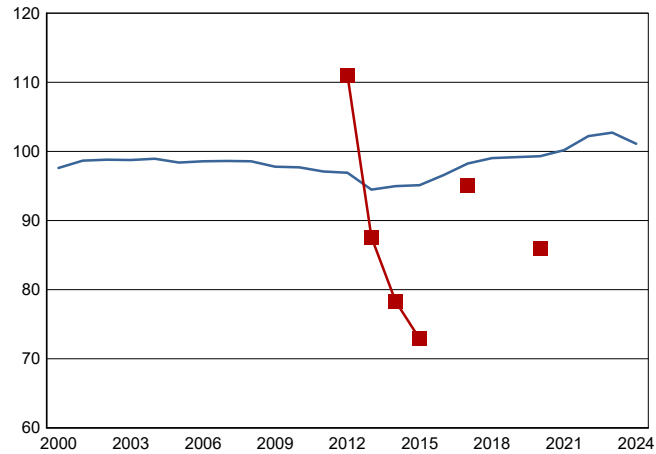


Inbreeding Levels

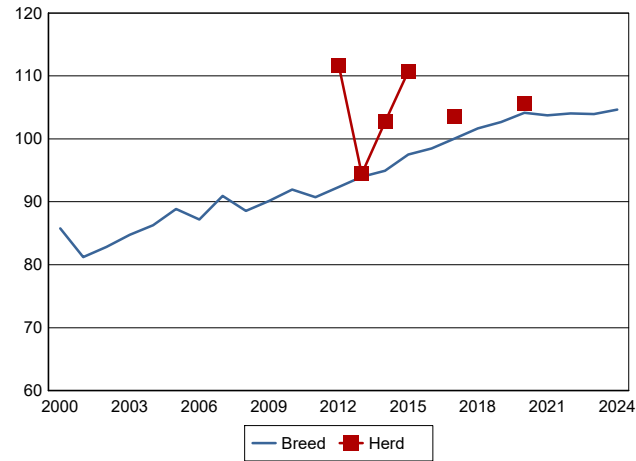
	All Animals		Males		Females		Sires		Dams	
	Kennel	Breed	Kennel	Breed	Kennel	Breed	Kennel	Breed	Kennel	Breed
Number	10	49007	4	25141	6	23857	7	3371	7	6287
Average Inbreeding	9.30	8.49	7.37	8.46	10.58	8.53	8.52	8.01	9.50	8.00
Number inbred	10	48727	4	24990	6	23728	7	24990	7	23728
Number >6.25% Inbr.	8	30600	3	15537	5	15058	5	15537	5	15058

Genetic Trends

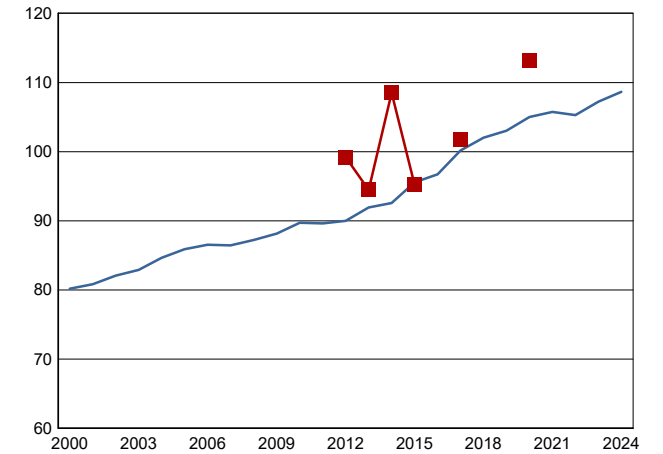
Litter Size



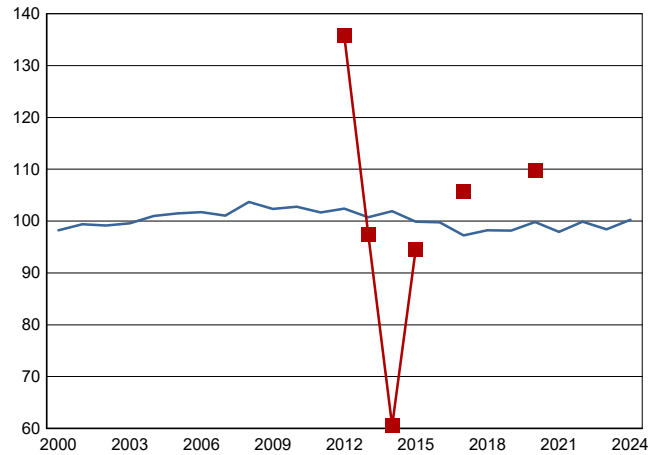
Movement



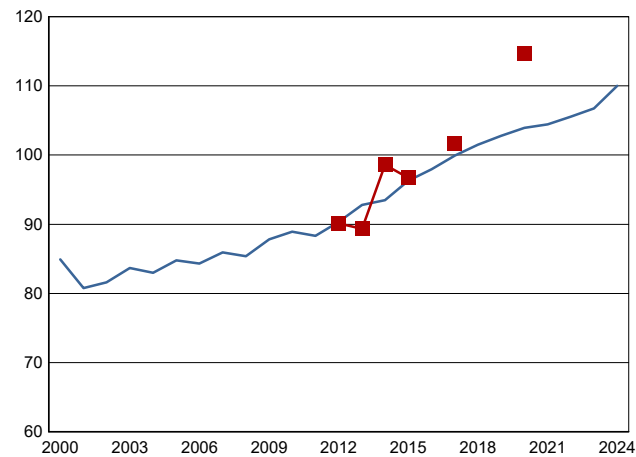
Temperament



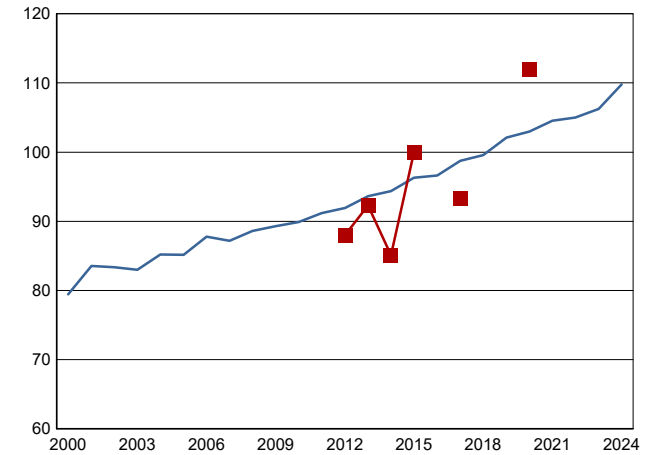
Coat



General Appearance

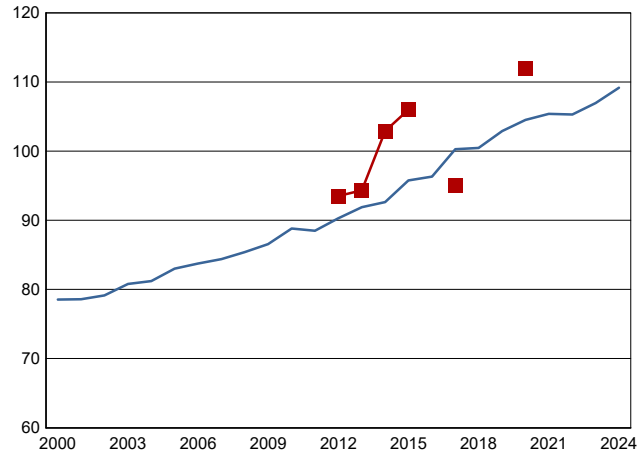


Head & Face

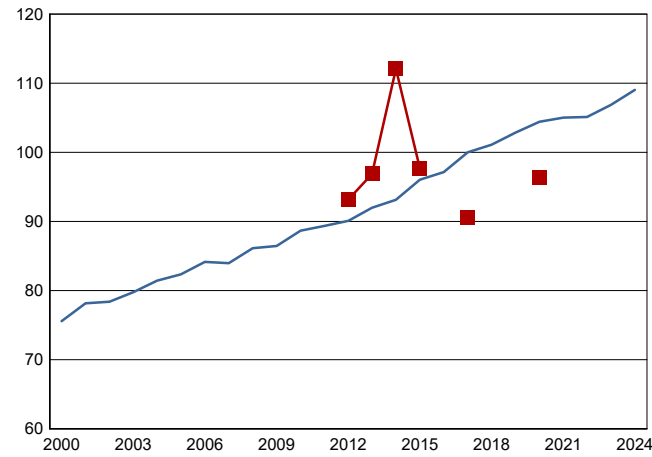


Genetic Trends

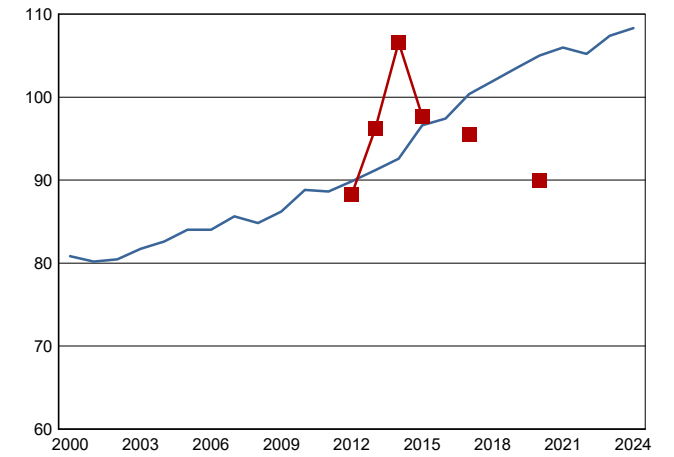
Front Quarter



Centre

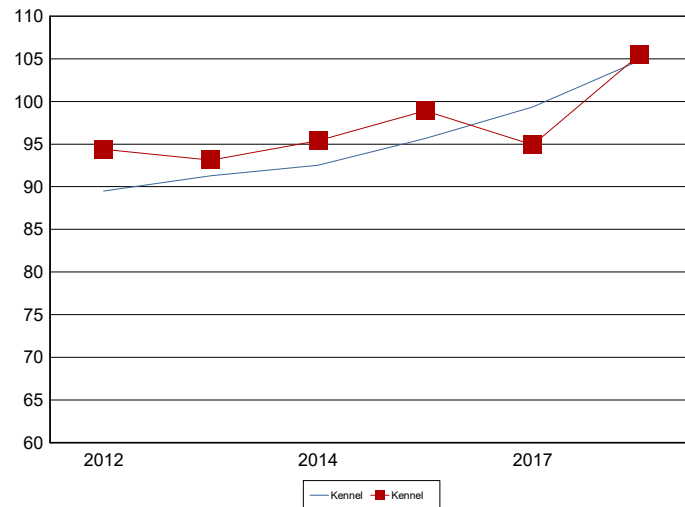


Hind Quarter

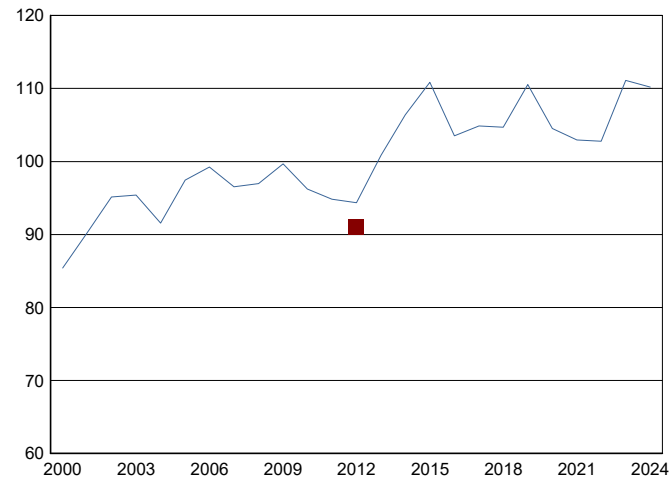


Final Score & Health Traits

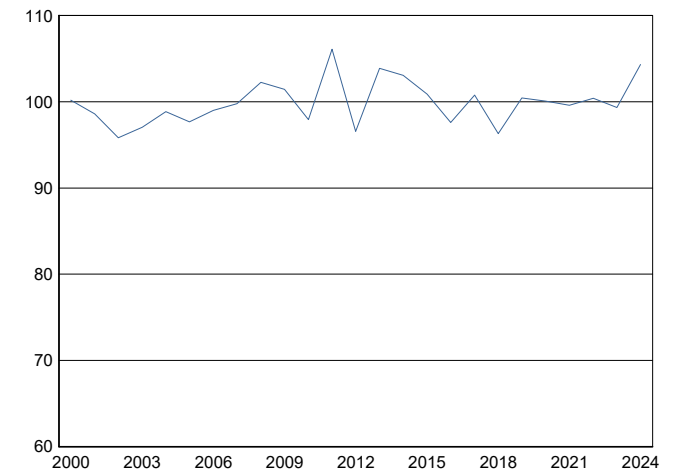
Final Score



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	BYr	Sire Dam	%	Hips Acc.	Elbows Acc.	Litter Size Acc.	Movement	Temperament	Coat	General Appear.	Head & Face	Front Quarter	Centre	Hind Quarter	Final Score	Progeny Litters	Progeny Kennels		Hips	Elbows	
BODINGTON BOERBOEL GUNS N ROSES		SA SUPERIOR GUNNEY	4.53	86	97	120	98	102	105	99	79	94	105	106	95						
	2018	BODINGTON BOERBOEL BLACK ROSE		5	5	21	48	17	66	48	65	49	52	54	60						
NTHOHADI FAF DE KLERK		ELEVATION REDI	6.46	109	84	86	103	114	96	114	111	111	94	86	102						
	2020	ABSOLUTE SOMETHING SPECIAL (SS)		5	5	32	50	26	66	49	65	50	53	55	60						
CDH ZAMBIA		CDH THUNDER	10.05	103	109	99	106	110	93	108	97	103	111	100	102						
	2021	PAURON LAIDE		5	5	26	41	15	52	41	52	42	44	45	49						
NTHOHADI DON		MIDDELPOS BBD DON	8.45	113	100	86	103	109	117	112	116	113	103	104	113						
	2025	NTHOHADI HERA		5	5	5	29	5	44	29	43	30	32	35	39						

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 Progeny	Litters Litters	Progeny Progeny	Kennels Kennels	Hips Hips	Elbows Elbows	Progeny Progeny	with with	litters litters
CDH ISSABELLA	2019	CDH SNIPER MIDDELPOS BBD MIKI	14.14	115 5	113 5	85 45	105 49	120 29	101 58	107 48	102 57	117 49	115 51	118 52	113 55	7	1	1	1					
NTHOHADI HERA	2020	ELEVATION REDI ABSOLUTE SOMETHING SPECIAL (SS)	6.46	109 5	84 5	86 32	109 50	112 26	123 66	116 49	113 65	113 50	99 53	94 55	109 60	3	1							
NTHOHADI DOBI	2021	BODINGTON BOERBOEL THE HULK ABSOLUTE SOMETHING SPECIAL (SS)	4.35	91 5	91 5	112 26	104 36		90 49	98 35	95 49	103 37	93 39	103 41	97 45									
BODINGTON BOERBOEL MALAWI	2021	BODINGTON BOERBOEL THE HULK BODINGTON BOERBOEL PRINCESS TIGER LILY	10.04	86 5	91 5	119 13	102 47	102 13	82 66	108 46	106 64	107 48	111 51	115 54	108 59									
CDH CLEO	2023	CDH WILLIE CDH MONA	20.06	113 5	113 5	77 5	111 34	118 5	110 49	105 35	111 48	120 35	119 37	122 39	120 44									
NTHOHADI ROXY	2025	MIDDELPOS BBD DON NTHOHADI HERA	8.45	113 5	100 5	86 5	103 29	109 5	117 44	112 29	116 43	113 30	103 32	104 35	113 39									

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	
ELEVATION REDI		GROENBERG BBD RAMBO	5.27	121	78	87	115	122	121	115	113	123	115	105	118	55	10	21		10
	2015	ELEVATION MADUSA		33	40	56	71	53	82	71	82	72	74	75	79		20			6
CDH SNIPER		GROENBERG BBD RAMBO	4.21	105	111	88	102	128	86	118	108	122	122	115	116	71	12	26	2	22
	2016	TOKARA ALSA		29	37	62	74	55	85	74	84	75	77	78	82		22			4
SA SUPERIOR GUNNEY		SA SUPERIOR BOESMAN	16.07	92	100	123	103	108	102	105	83	96	102	98	94	22	6	6		1
	2017	SA SUPERIOR JALAPENO		5	5	5	56	19	74	55	73	57	60	63	68		4			1
BODINGTON BOERBOEL THE HULK		CABARET THOR	6.46	84	91	140	102	100	72	89	92	106	101	117	99	52	9	11		6
	2017	KLEIN SANDFONTEIN SISKI		5	5	44	63	37	77	62	76	64	66	68	73		8			2
CDH THUNDER		VILLA ROUGE GOLIAT	9.40	95		96	106	106	108	107	106	104	117	109	111	144	20	32	4	22
	2017	CDH MIA		5		55	72	48	83	72	82	73	74	76	80		26		4	6
CDH WILLIE		CDH THUNDER	10.02	113	112	90	114	110	107	92	112	113	115	125	118	58	8	15	1	7
	2019	MIDDELPOS BBD MIKI		5	11	37	63	37	78	63	77	64	66	69	73		13			3
MIDDELPOS BBD DON		MIDDELPOS BBD XANDER I	8.20	116	115	86	96	107	110	107	119	112	108	114	116	20	8			
	2022	MIDDELPOS BBD MEVROU		5	5	13	49	21	66	48	65	49	52	55	60					

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	
BODINGTON BOERBOEL BLACK ROSE	2015	ULTRA-INYATHI BLACKLIST	4.74	80	93	118	88	96	97	102	89	95	105	106	96	9	3	5	1	1	3
		KLEIN SANDFONTEIN JINXX		5	11	51	57	31	73	56	72	58	60	63	68			3			1
ABSOLUTE SOMETHING SPECIAL (SS)	2015	ANDERSON BBD TANK 2	6.35	97	90	84	105	107	107	107	99	100	85	89	96	13	4	3			2
		VOEL GERUS ELLA		5	5	48	51	22	69	50	68	52	55	57	63			1			1
MIDDELPOS BBD MIKI	2016	MIDDELPOS BBD BOETA	11.54	125	114	80	107	112	116	96	96	111	108	120	110	23	5	10	2	2	14
		MIDDELPOS BBD DIXIE		13	26	64	68	46	80	68	80	69	71	73	77			9			1
PAURON LAIDE	2019	CDH LEADER	7.49	111	107	101	107	114	77	109	88	101	106	92	94	31	4	7			2
		SAMRICO BEKKA		5	5	41	48	21	64	47	63	48	51	53	58			7			1
BODINGTON BOERBOEL PRINCESS TIGER LILY	2019	KAMMO BBD HOGUE	5.80	89	90	97	97	101	75	115	109	96	108	106	104	5	1	3			1
		BODINGTON BOERBOEL ANASTASIA		5	5	33	53	25	70	52	69	53	56	59	64			3			1
NTHOHADI HERA	2020	ELEVATION REDI	6.46	109	84	86	109	112	123	116	113	113	99	94	109	3	1				
		ABSOLUTE SOMETHING SPECIAL (SS)		5	5	32	50	26	66	49	65	50	53	55	60						
CDH MONA	2021	CDH BULLET	24.13	113	114	63	107	126	112	119	111	127	123	120	122	6	2	2	1	1	
		CDH MAY		5	5	37	49	10	66	52	65	50	53	55	60			2			

