

Boerboel Genetic Evaluation

SA Stud Book
February 2026

MR M.R. BINDA

4075 EXT 4

0

VREDE

9835



Kennel Number: 711822



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.

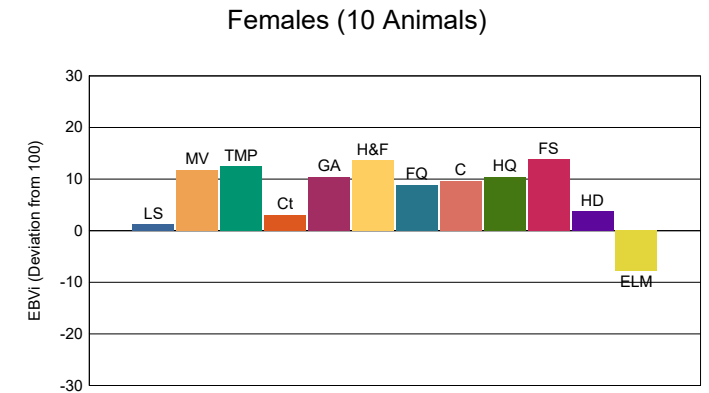
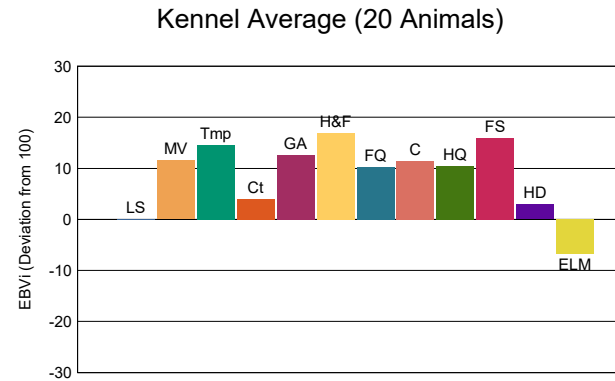
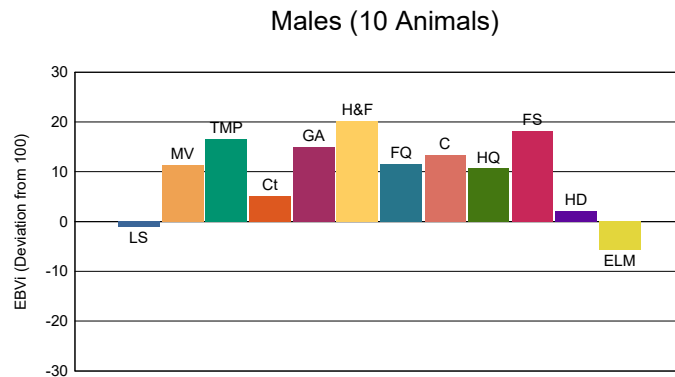
Genetic Trends: The Genetic Trends indicate the genetic change that occurred over time in the animals bred by the breeder compared to that of the breed. These are calculated as the average of the breeding values of all measured animals bred by the breeder, per year of birth.

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)	100	99	101
Movement (Mv)	112	111	112
Temperament (Tmp)	115	117	112
Coat (Ct)	104	105	103
General Appearance	113	115	110
Head & Face (H&F)	117	120	114
Front Quarter (FQ)	110	112	109
Centre (C)	112	113	110
Hind Quarter (HQ)	111	111	110
Final Score (FS)	116	118	114
Hip Health (HH)	103	102	104
Elbow Health (ELM)	93	94	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.

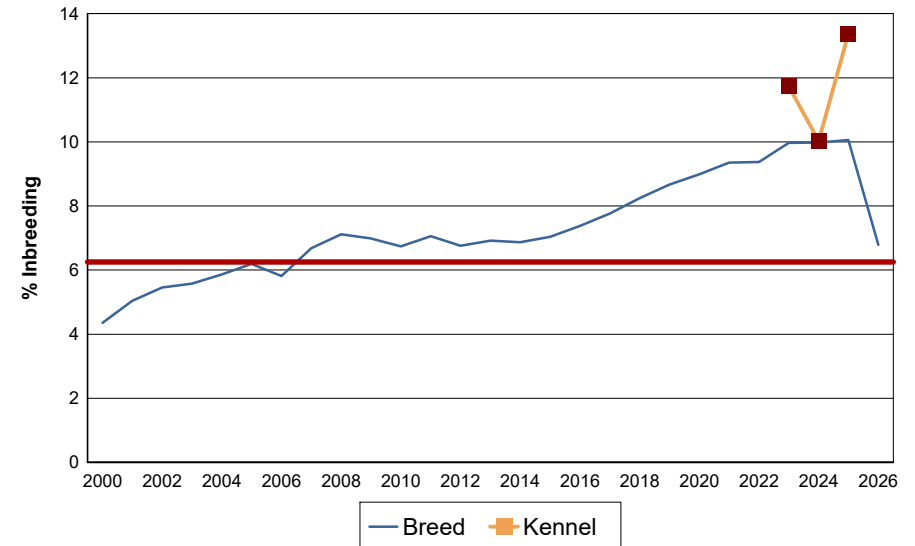
It is therefore highly recommended to record pedigree information as accurately. Inbreeding is dependent on pedigree information. Conventional methods for the calculation of inbreeding coefficients usually assume that unknown parents are unrelated, which is usually far from the truth. Inbreeding coefficients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

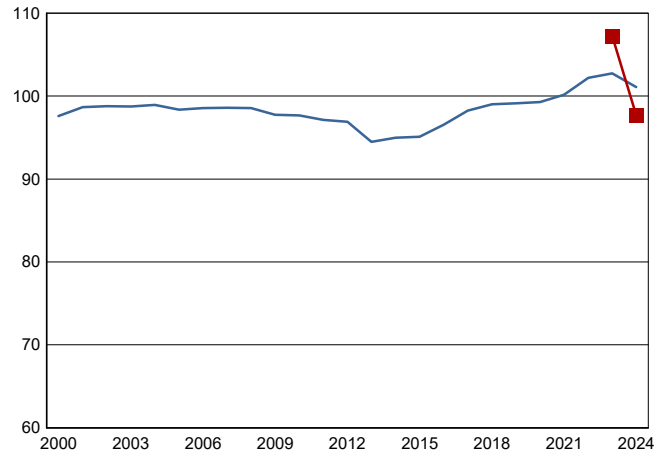


Inbreeding Levels

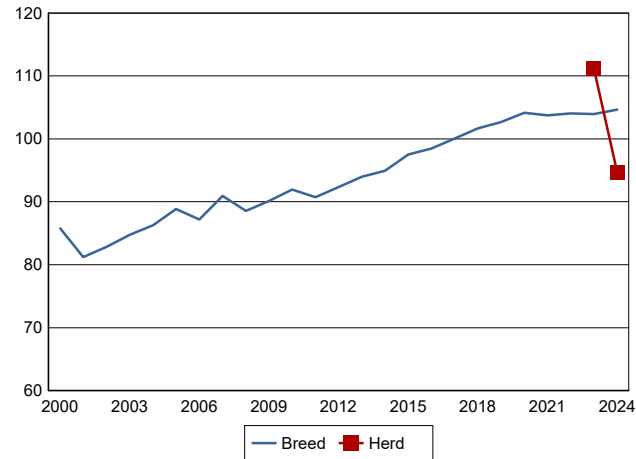
	All Animals		Males		Females		Sires		Dams	
	Kennel	Breed	Kennel	Breed	Kennel	Breed	Kennel	Breed	Kennel	Breed
Number	20	49007	10	25141	10	23857	10	3371	8	6287
Average Inbreeding	11.63	8.49	12.75	8.46	10.51	8.53	11.84	8.01	11.84	8.00
Number inbred	20	48727	10	24990	10	23728	10	24990	8	23728
Number >6.25% Inbr.	19	30600	10	15537	9	15058	8	15537	6	15058

Genetic Trends

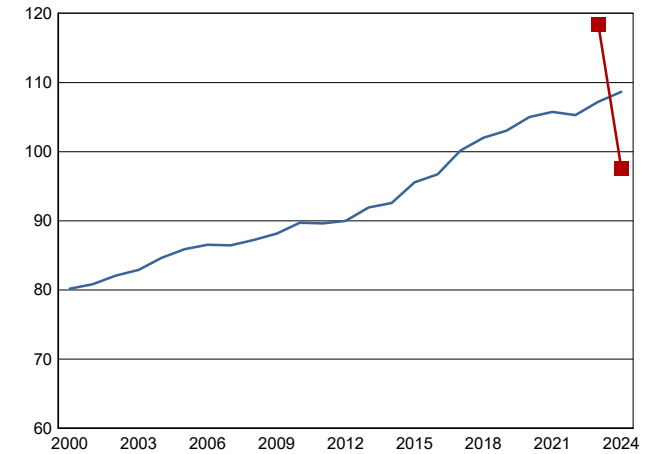
Litter Size



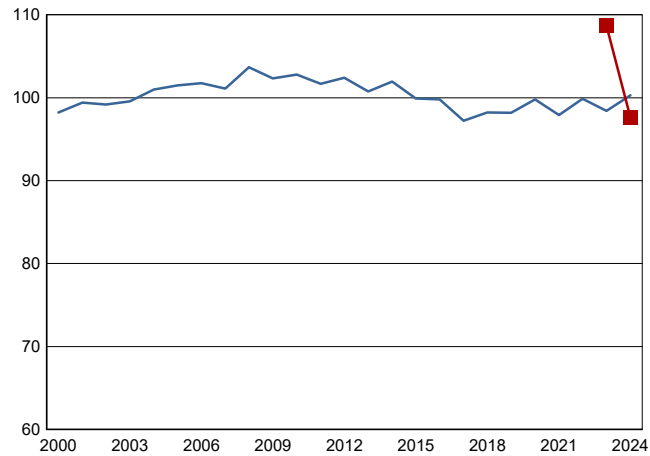
Movement



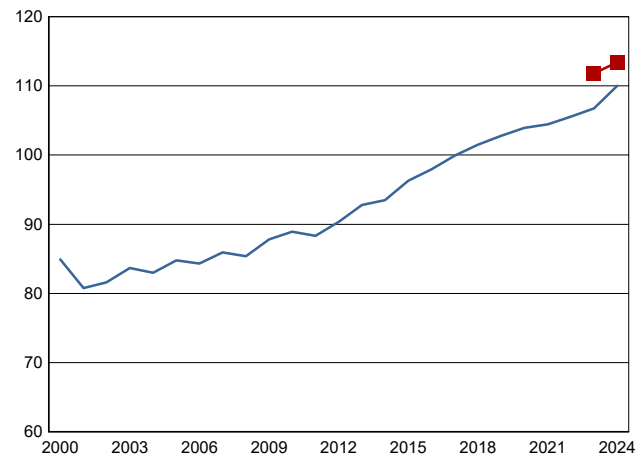
Temperament



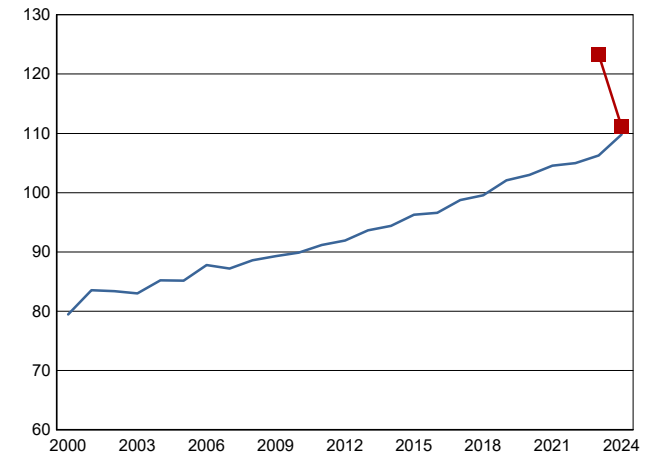
Coat



General Appearance

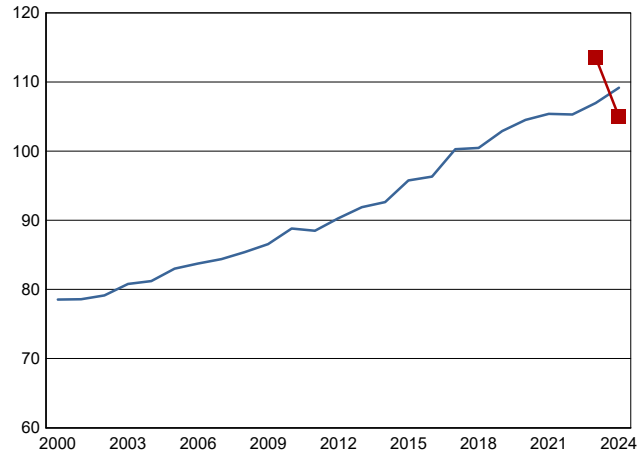


Head & Face

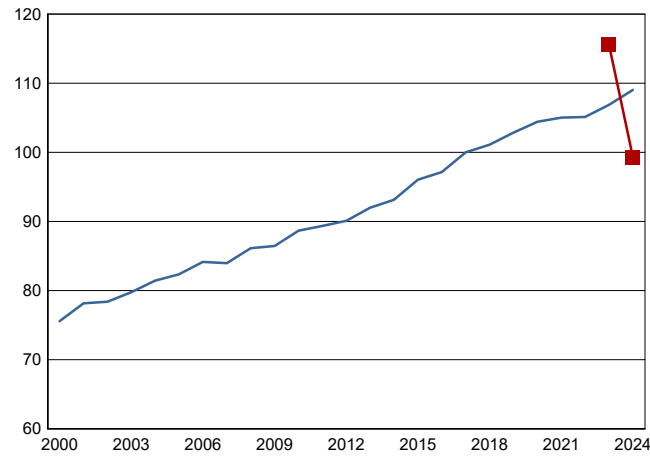


Genetic Trends

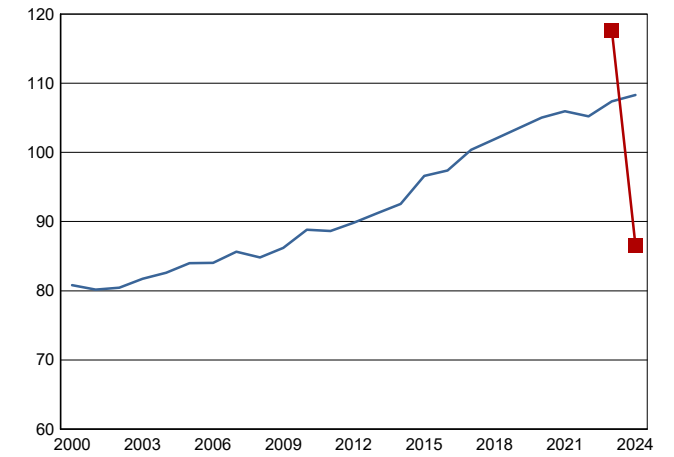
Front Quarter



Centre

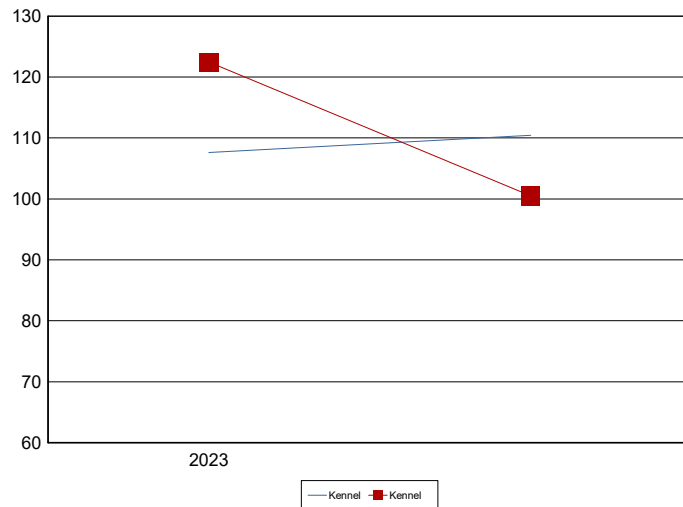


Hind Quarter

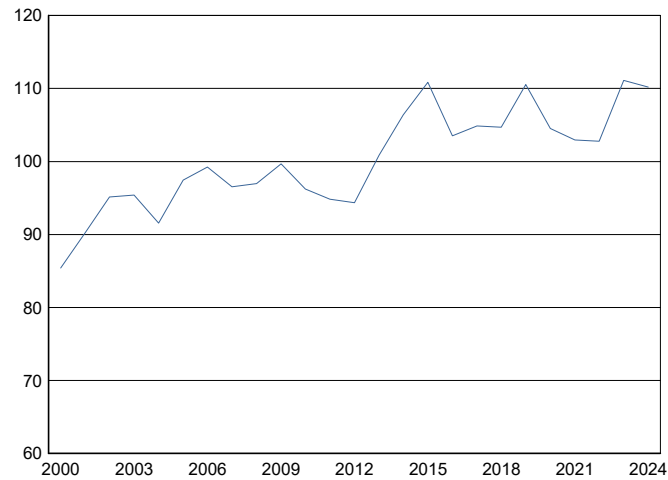


Final Score & Health Traits

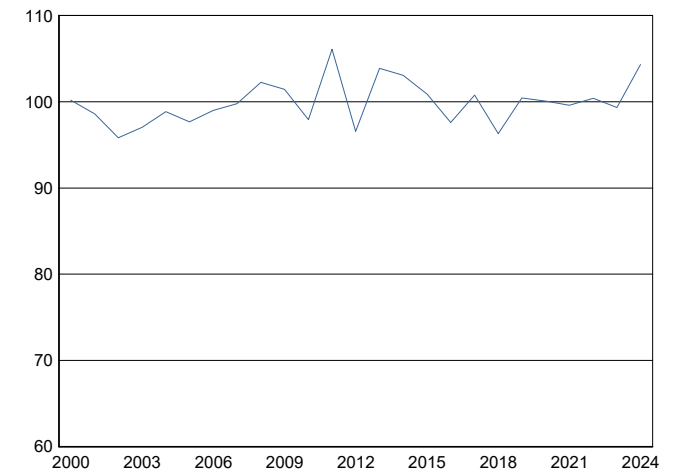
Final Score



Hip Health



Elbow Health



Estimated Breeding Value Indices (EBVi's)

Males

Inbreeding >6.25% is high

< 80

>= 100

>= 120

Animal Information		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	
BYr	Dam		Acc.	Acc.	Acc.	ment	rament		Appear.	Face	Quarter		Quarter	Score			Kennels			
TERRIBLE TWINS CALVIN	TERRIBLE TWINS BAMBATHA	15.31	101	91	112	110	112	113	112	123	114	109	100	116						
2022	TERRIBLE TWINS MBALI		5	5	5	38	5	58	38	57	39	42	45	51						
BINDAAS RINGO	ICONIC BRUNO	12.40	101	87	109	105	120	111	117	134	116	118	115	127	6	1				
2023	TERRIBLE TWINS MBALI		5	5	5	42	5	61	42	60	43	46	49	55						
BINDAAS MAX	BOSTU DRAMIKO	6.68	100	107		95	98	98	113	111	105	99	87	101						
2024	HEAVY WEIGHTS ZINHLE		5	5		27	5	42	26	41	28	31	33	38						
BINDAAS BINGO	BOSTU DRAMIKO	12.89	100	96	94	112	118	98	118	119	113	113	107	116						
2025	BINDAAS NOX		5	5	5	25	5	40	24	39	26	28	31	36						
BINDAAS SKY	BOSTU DRAMIKO	12.89	100	96	94	112	118	98	118	119	113	113	107	116						
2025	BINDAAS NOX		5	5	5	25	5	40	24	39	26	28	31	36						
BINDAAS KASONGO	MARVILLOSO JOHN RAMBO	14.40	103	93	97	116	121	110	116	122	112	117	118	123						
2025	TERRIBLE TWINS MBALI		5	5	5	33	5	45	33	44	34	36	38	41						
BINDAAS SNOKONONO	MARVILLOSO JOHN RAMBO	14.40	103	93	97	116	121	110	116	122	112	117	118	123						
2025	TERRIBLE TWINS MBALI		5	5	5	33	5	45	33	44	34	36	38	41						
BINDAAS REMINGTON	MARVILLOSO JOHN RAMBO	14.40	103	93	97	116	121	110	116	122	112	117	118	123						
2025	TERRIBLE TWINS MBALI		5	5	5	33	5	45	33	44	34	36	38	41						
BINDAAS SGORA	MARVILLOSO JOHN RAMBO	14.40	103	93	97	116	121	110	116	122	112	117	118	123						
2025	TERRIBLE TWINS MBALI		5	5	5	33	5	45	33	44	34	36	38	41						

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	Elbows	Litter Size	Move-	Tempe-	Coat	General	Head &	Front	Centre	Hind	Final	Progeny	Progeny	Hips	Elbows	litters	
	BYr	Dam		Acc.	Acc.	Acc.	ment	rament		Appear.	Face	Quarter		Quarter	Score	Litters	Kennels				
BINDAAS SIYACELA		BINDAAS RINGO	9.68	108	96	96	118	118	95	108	108	108	114	118	115						
	2025	C AND H HESSIE		5	5	5	22	5	38	23	37	23	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	
TERRIBLE TWINS MBALI		ELEVATION GHETTO-ROUGH	6.99	94	86	118	117	118	122	112	129	116	106	103	120	30	4	4			2
	2020	TERRIBLE TWINS AZANIA		5	5	34	52	27	67	52	66	53	55	57	62			2			1
ROYAL GAURDS QUEENIE 05		RALZUCA ROUKAN JNR	6.12	109	81	101	100	91	100	103	109	102	102	104	104	1	1	1			
	2021	AFRIKA KIARA 15		5	5	11	47	17	65	47	64	48	50	53	59			1			
C AND H HESSIE		CDH TROMPIE	11.86	115	106	83	131	115	80	100	83	99	109	122	103	14	2				
	2023	WOEKER BBD MIA 3		5	5	9	45	11	63	46	61	46	48	51	57						
BINDAAS NOX		ICONIC BRUNO	12.40	101	87	109	114	125	112	111	119	114	117	123	124	12	2				
	2023	TERRIBLE TWINS MBALI		5	5	5	42	5	61	42	59	43	46	48	54						
BINDAAS BELLA		BBS HOBS	8.45	108	86	101	109	107	109	112	123	114	111	113	119						
	2023	ROYAL GAURDS QUEENIE 05		5	5	5	44	10	62	44	61	45	47	50	56						
BINDAAS VICKY		BOSTU DRAMIKO	6.68	100	107		95	98	98	113	111	105	99	87	101						
	2024	HEAVY WEIGHTS ZINHLE		5	5		27	5	42	26	41	28	31	33	38						
BINDAAS PETAL		BOSTU DRAMIKO	12.89	100	96	94	112	118	98	118	119	113	113	107	116						
	2025	BINDAAS NOX		5	5	5	25	5	40	24	39	26	28	31	36						
BINDAAS RUBY		MARVILLOSO JOHN RAMBO	14.40	103	93	97	116	121	110	116	122	112	117	118	123						
	2025	TERRIBLE TWINS MBALI		5	5	5	33	5	45	33	44	34	36	38	41						
BINDAAS SKHOTHEINI		BINDAAS RINGO	9.68	108	96	96	118	118	95	108	108	108	114	118	115						
	2025	C AND H HESSIE		5	5	5	22	5	38	23	37	23	25	28	33						
BINDAAS SNE		NSIZWA UFASIMBA	15.64	99	85	117	107	115	108	111	113	107	108	110	113						
	2025	BINDAAS NOX		5	5	5	29	5	43	28	42	30	32	34	38						

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	Progeny with litters	
ELEVATION GHETTO-ROUGH		ELEVATION DAX	14.22	109	79	89	132	134	111	126	138	125	119	116	133	105 22	40 35	4 4		29	
2017	QUREDU MIA	32		51	49	77	55	87	77	86	78	79	81	84	9						
MARVILLOSO JOHN RAMBO		ELEVATION OTTO	14.22	112	99	76	114	124	97	120	115	108	127	134	126	26 5	4 2			4	
2018	QUREDU MAHATMAH	5		19	34	55	34	67	55	67	56	58	60	63	3						
BBS HOBS		MES HILUX	14.47	108	91	102	119	120	115	123	131	121	116	118	128	17 4	6 3			6	
2020	ELEVATION KATINKA	5		5	28	60	34	75	59	74	60	63	65	70	2						
RALZUCA ROUKAN JNR		MES ROUKAN	5.25	98	92	73	93	92	87	99	100	94	100	101	97	11 2	3 3			1	
2020	KADIMA LAQUISH	5		5	24	52	25	69	51	67	52	55	57	63	1						
ICONIC BRUNO		MARVILLOSO JOHN RAMBO	13.48	108	88	101	102	123	94	113	117	108	123	130	123	12 3	4 3			2	
2021	NSIZWA AZANIA	5		5	15	50	20	68	49	67	51	53	56	62	1						
CDH TROMPIE		CDH KAROO	12.87	120	117	104	118	109	115	88	91	107	104	121	107	12 4	5 5	1 1		2	
2021	CDH BUCKKI	5		5	34	53	30	66	59	65	54	56	58	62	2						
TERRIBLE TWINS BAMBATHA		TERRIBLE TWINS MPIYAKHE	5.94	108	96	106	102	106	101	107	110	108	105	97	106	9 1	2 2				
2021	CAVIN REGAL TINA	5		5	9	40	11	55	40	54	41	43	45	50							
NSIZWA UFASIMBA		ELEVATION DAX	13.90	97	83	124	101	104	103	111	107	100	99	97	103	16 4					
2022	MARVILLOSO HERA	5		13	37	56	35	69	56	68	57	59	61	65							
BOSTU DRAMIKO		ELEVATION DJ	11.62	99	105	78	109	112	84	126	119	112	110	91	109	22 4	1 1				
2022	LOMBARD SUPERIOR RAMIKA	5		8	21	47	21	62	49	61	48	50	52	57							
BINDAAS RINGO		ICONIC BRUNO	12.40	101	87	109	105	120	111	117	134	116	118	115	127	6 1					
2023	TERRIBLE TWINS MBALI	5		5	5	42	5	61	42	60	43	46	49	55							

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	
HEAVY WEIGHTS ZINHLE	2018	BOUWER CHARLIE BROWN WALKER	17.37	101	109	117	80	83	112	101	104	98	89	82	92	20	5	6		3
		BOUWER MISS GEE		5	5	32	46	5	66	46	65	47	50	53	60			5		1
TERRIBLE TWINS AZANIA	2018	ROKAFELA BLUE	12.35	80	93	112	93	99	100	103	105	98	95	90	97	20	4	5	1	2
		ABSOLUTE MISTIQUE		5	5	44	48	22	62	47	62	49	51	53	58			5	1	1
AFRIKA KIARA 15	2019	AFRIKA DANTOR	5.43	120	69	128	103	94	105	110	115	112	102	101	108	14	2	3		1
		KWANZA KAYLIE		9	25	38	57	33	72	57	71	58	60	62	67			3		1
TERRIBLE TWINS MBALI	2020	ELEVATION GHETTO-ROUGH	6.99	94	86	118	117	118	122	112	129	116	106	103	120	30	4	4		2
		TERRIBLE TWINS AZANIA		5	5	34	52	27	67	52	66	53	55	57	62			2		1
WOEKER BBD MIA 3	2021	WOEKER BBD WOEKER	22.17	110	95	62	138	122	96	119	107	110	121	124	120	13	3	2		1
		WOEKER BBD BELLA 5		5	5	35	54	20	70	54	69	55	57	60	65			2		1
ROYAL GAURDS QUEENIE 05	2021	RALZUCA ROUKAN JNR	6.12	109	81	101	100	91	100	103	109	102	102	104	104	1	1	1		
		AFRIKA KIARA 15		5	5	11	47	17	65	47	64	48	50	53	59			1		
C AND H HESSIE	2023	CDH TROMPIE	11.86	115	106	83	131	115	80	100	83	99	109	122	103	14	2			
		WOEKER BBD MIA 3		5	5	9	45	11	63	46	61	46	48	51	57					
BINDAAS NOX	2023	ICONIC BRUNO	12.40	101	87	109	114	125	112	111	119	114	117	123	124	12	2			
		TERRIBLE TWINS MBALI		5	5	5	42	5	61	42	59	43	46	48	54					

