

Boerboel Genetic Evaluation

SA Stud Book
February 2026

MR C.C. LEO

232 DENNEGEUR AVENUE

0

STRANDFONTEIN

7798



Kennel Number: 677379



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.

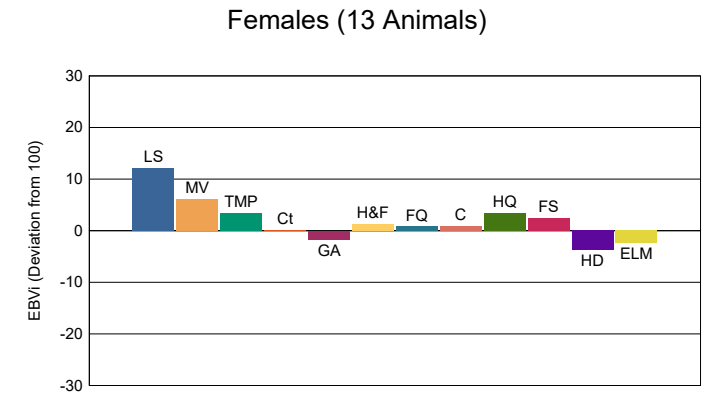
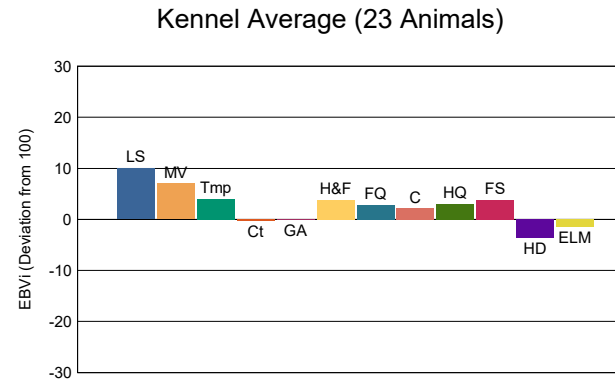
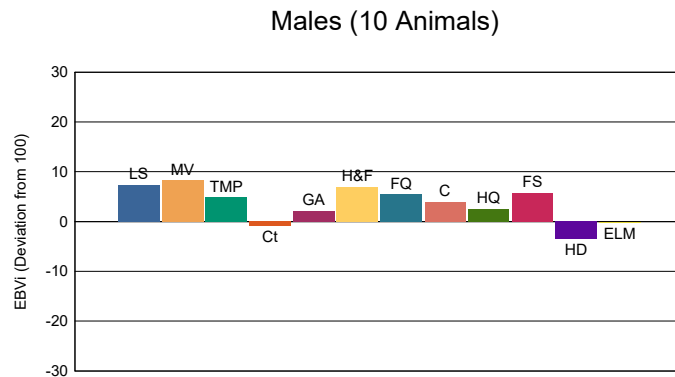
Genetic Trends: The Genetic Trends indicate the genetic change that occurred over time in the animals bred by the breeder compared to that of the breed. These are calculated as the average of the breeding values of all measured animals bred by the breeder, per year of birth.

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)	110	107	112
Movement (Mv)	107	108	106
Temperament (Tmp)	104	105	103
Coat (Ct)	100	99	100
General Appearance	100	102	98
Head & Face (H&F)	104	107	101
Front Quarter (FQ)	103	105	101
Centre (C)	102	104	101
Hind Quarter (HQ)	103	102	103
Final Score (FS)	104	106	102
Hip Health (HH)	96	96	96
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.

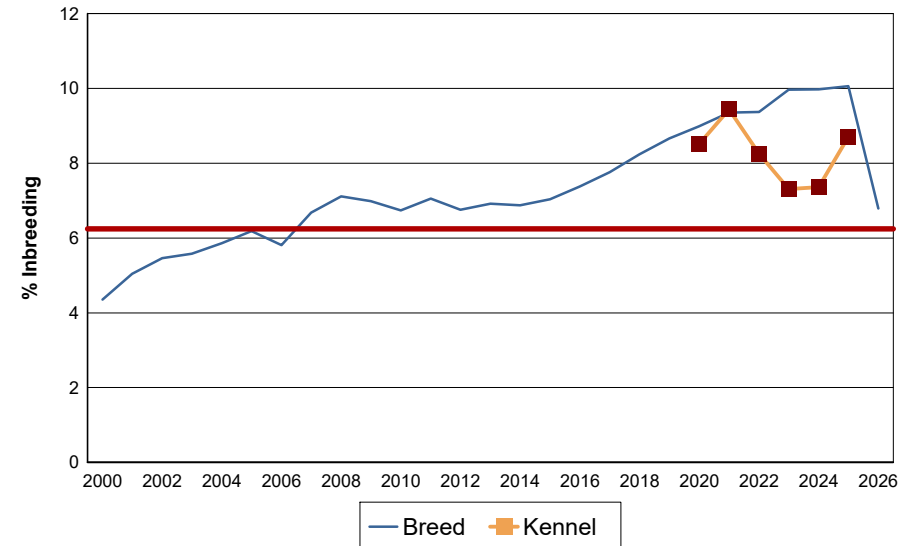
It is therefore highly recommended to record pedigree information as accurately. Inbreeding is dependent on pedigree information. Conventional methods for the calculation of inbreeding coefficients usually assume that unknown parents are unrelated, which is usually far from the truth. Inbreeding coefficients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

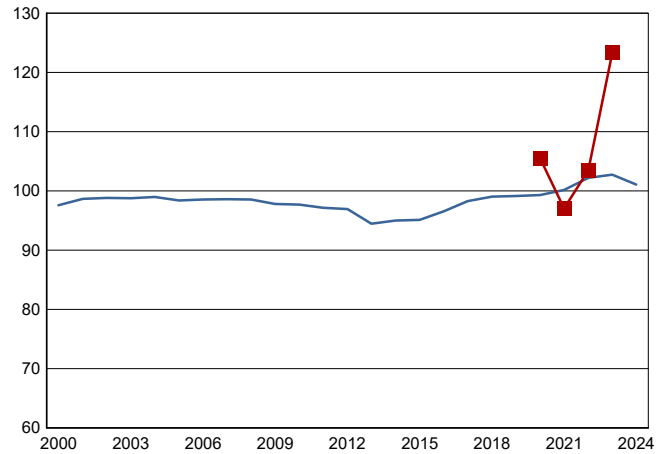


Inbreeding Levels

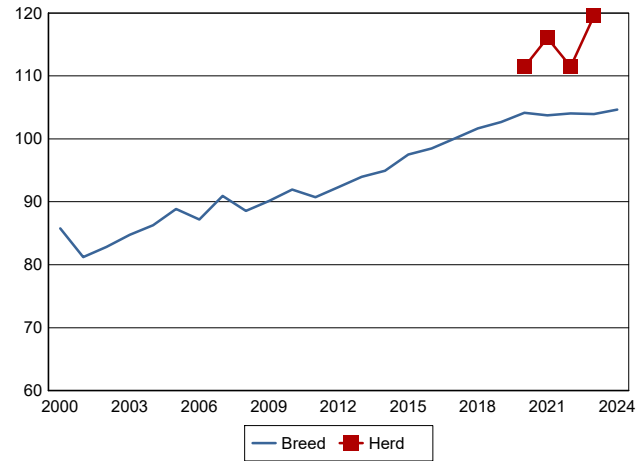
	All Animals		Males		Females		Sires		Dams	
	Kennel	Breed	Kennel	Breed	Kennel	Breed	Kennel	Breed	Kennel	Breed
Number	23	49007	10	25141	13	23857	13	3371	14	6287
Average Inbreeding	9.36	8.49	9.87	8.46	8.96	8.53	8.99	8.01	8.50	8.00
Number inbred	23	48727	10	24990	13	23728	13	24990	14	23728
Number >6.25% Inbr.	22	30600	10	15537	12	15058	11	15537	12	15058

Genetic Trends

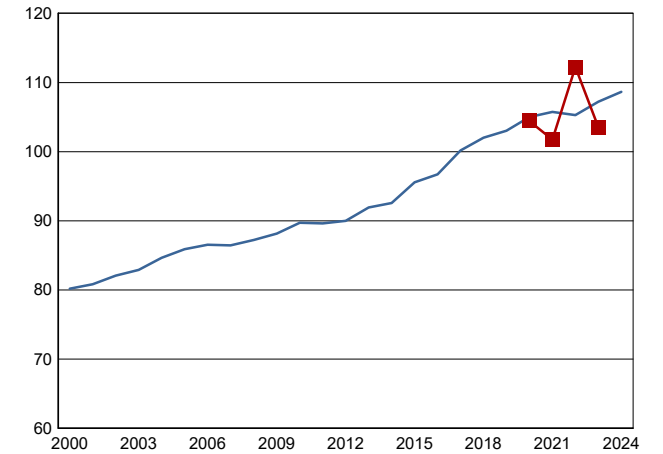
Litter Size



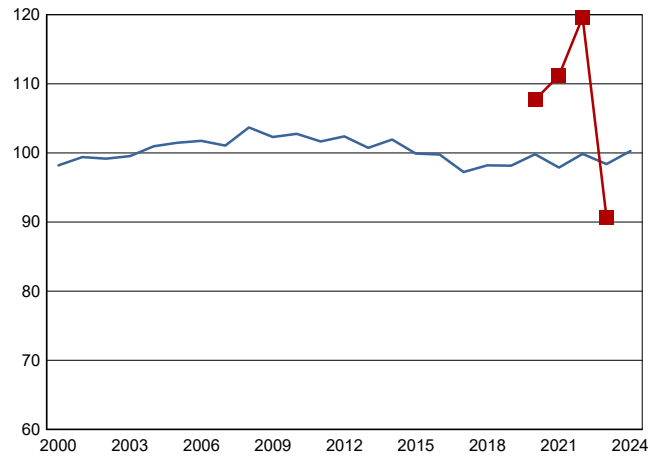
Movement



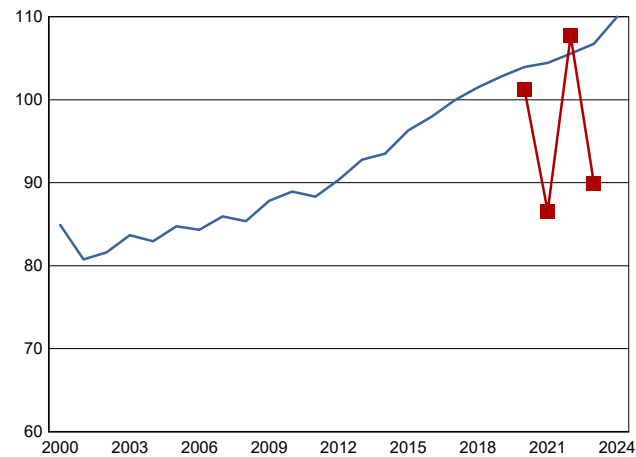
Temperament



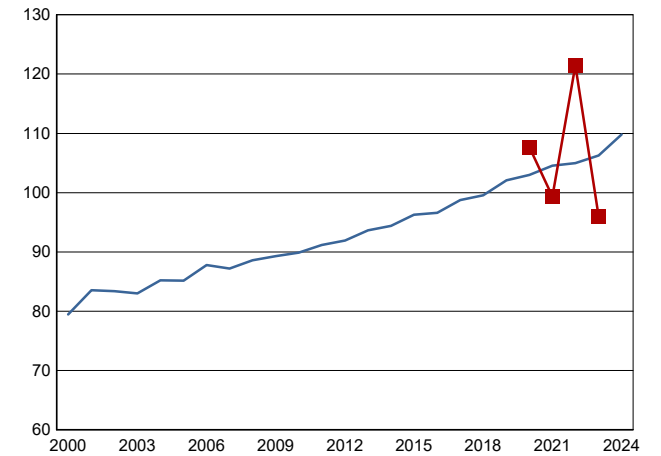
Coat



General Appearance

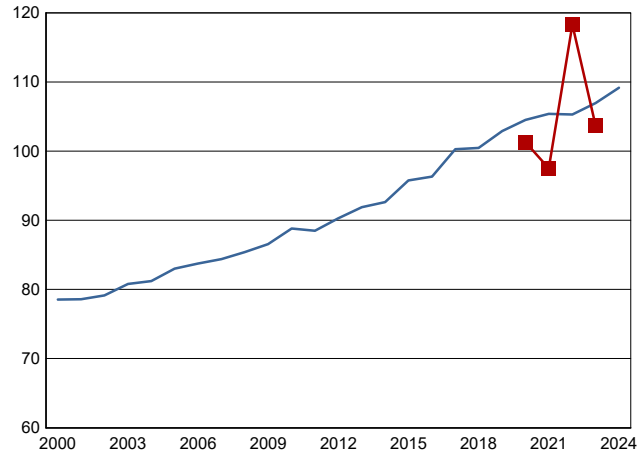


Head & Face

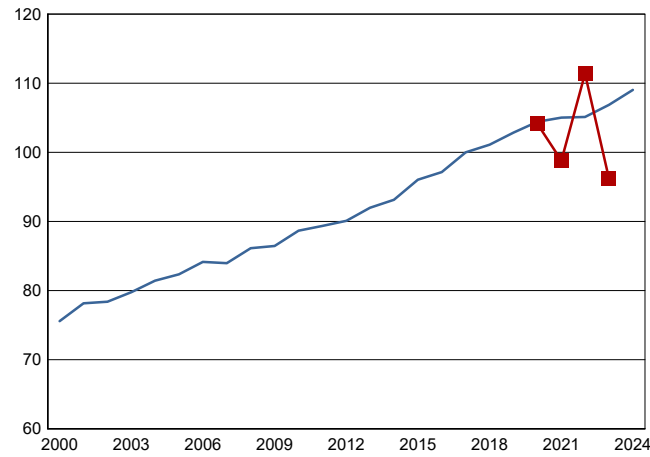


Genetic Trends

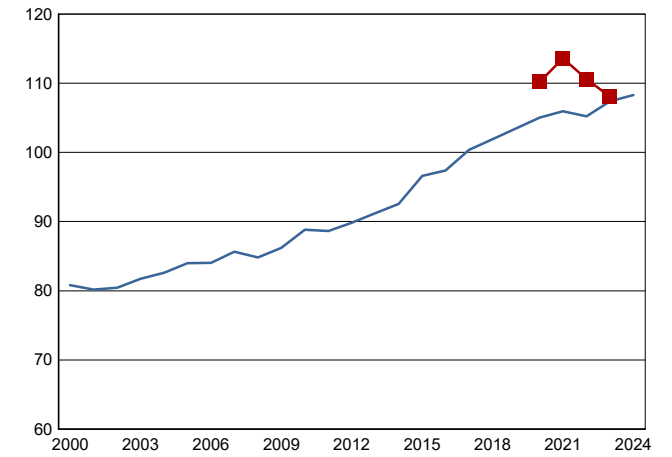
Front Quarter



Centre

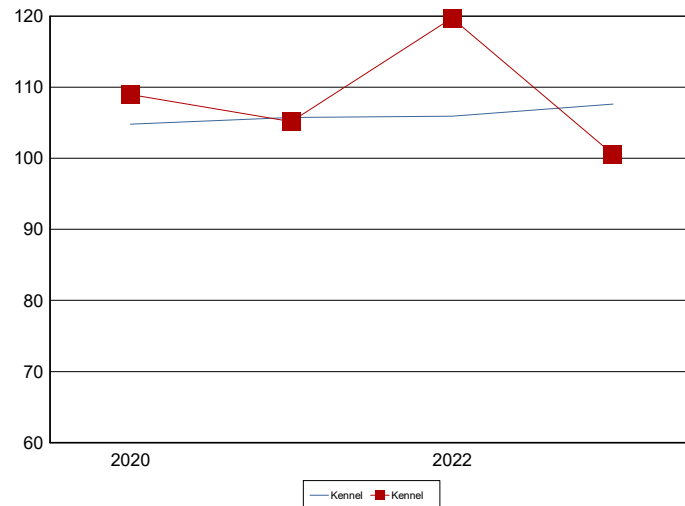


Hind Quarter

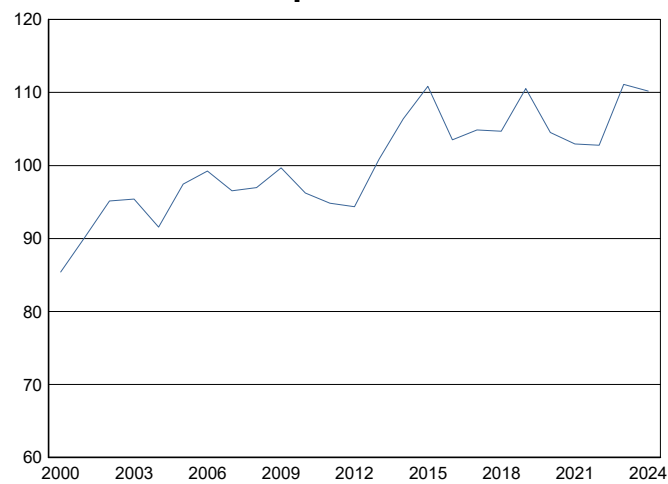


Final Score & Health Traits

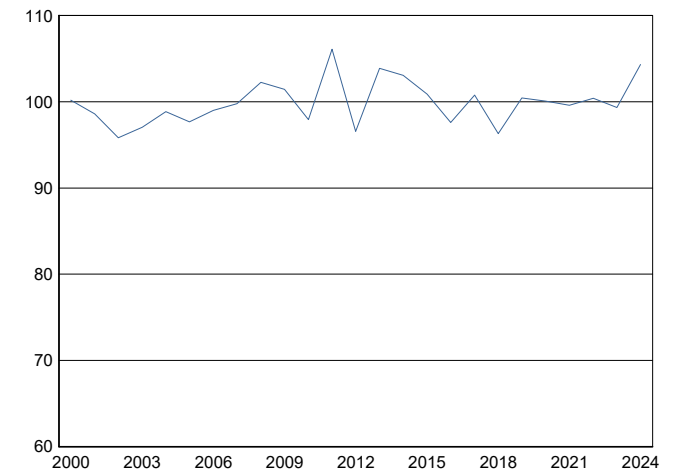
Final Score



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	Quarter	Score			Kennels			
NARCO CAIN	KLOPDISSELBOOM SUPER KHAN	8.69	96	87	94	113	94	96	92	95	92	99	96	96	27	8	9			1
	2020 KLOPDISSELBOOM BABY CHOCOLATES		5	5	5	50	11	70	48	69	51	54	57	64			9			1
COLOS VLADIMIR	COLOS BAAS	8.68	90	118	117	83	99	93	115	117	107	114	89	105	11	5				
	2021 COLOS FLAVIA		5	5	21	48	20	65	48	64	49	51	54	59						
NARCO BLADE	RAINAISANCE BOE BOE	12.29	98	92	103	109	98	104	88	98	96	96	100	99						
	2021 RAINAISANCE KATANA		5	5	5	30	5	47	29	46	31	33	36	42						
NARCO BULLDOZER	RAINAISANCE ALPHA	7.60	98	93	101	116	118	102	112	138	120	114	117	128	1	1				
	2022 NARCO EMMA		5	5	5	42	5	61	41	60	43	46	49	55						
NARCO MAJOR	RAINAISANCE ALPHA	7.31	103	95	122	127	114	101	94	103	115	101	117	111						
	2023 COLOS AYA		5	5	21	45	15	63	45	62	46	48	51	57						
NARCO FELIX	RAINAISANCE ALPHA	7.31	103	95	122	120		98	90	101	110	98	114	107						
	2023 COLOS AYA		5	5	21	36		48	36	47	37	38	40	44						
NARCO COOPER	MASTERS EXQUISITE BIG VIRG	6.98	104	94	121	114	103	91	95	102	106	98	102	101	3	2				
	2023 COLOS AYA		5	5	15	48	18	66	47	64	49	51	54	60						
GILLMORE GENGHIS	COLOS VLADIMIR	10.59	82	111	100	89	103	89	116	111	107	112	91	104						
	2025 GILLMORE SHADOW		5	5	5	25	5	41	24	40	25	28	31	36						
NARCO GHOST	COLOS VLADIMIR	8.82	86	108	107	86	97	98	106	102	96	101	88	96						
	2025 GILLMORE CIROC		5	5	5	25	5	41	24	40	26	28	31	36						

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	
BYr	Dam			Acc.	Acc.	Acc.	ment	rament		Appear.	Face	Quarter		Quarter	Score	Litters	Kennels			
WOEKER BBD MUFASA 6	WOEKER BBD KLEIN SEUN		20.46	105	106	86	126	114	118			107	106							
2025	WOEKER BBD BRENDA			5	5	5	27	5	43		42	28	31	33	38					

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	
RAINAISANCE KATANA	2019	ATKINS X-FACTOR	7.02	106	92	113	119	102	120	86	102	98	95	107	105	12	2	1			1
		RAINAISANCE SOFIA		5	5	35	55	29	70	54	69	56	58	60	65			1			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
NARCO DESTINY	2022	NARCO AZA OF AFRICAN PRIDE	25.59	92	93	110	113	111	103	102	114	106	107	114	114						
		NARCO EMMA		5	5	5	5	5	39	5	38	7	16	22	31						
NARCO SASHA	2023	RAINAISANCE ALPHA	7.31	103	95	122	120	111	88	93	99	111	102	117	107						
		COLOS AYA		5	5	21	45	15	63	45	62	46	48	51	57						
NARCO GRACY	2023	NARCO CAIN	5.84	99	91	126	123	97	87	80	77	92	89	103	88	1	1				
		COLOS AYA		5	5	14	44	9	63	43	61	45	47	50	56						
GILLMORE CIROC	2023	ZKR CARLING	6.55	83	97	97	90	95	103	97	88	84	88	87	87	3	1				
		GILLMORE SAVANNA		5	5	5	42	5	62	41	61	43	46	49	55						
NARCO LARA	2023	MASTERS EXQUISITE BIG VIRG	6.98	104	94	121	115	102	90	93	95	101	96	108	100						
		COLOS AYA		5	5	15	48	18	66	47	64	49	51	54	60						
NARCO ISABELLA	2023	MASTERS EXQUISITE BIG VIRG	6.98	104	94	121	115	101	94	93	101	104	96	105	102						
		COLOS AYA		5	5	15	40	8	52	39	52	40	42	44	48						
SCOUSER BELLA	2023	AMAROK MAXIMUS	8.74	108	91	100	117	120	112	109	118	117	118	119	122						
		SCOUSER CATILEYA		5	5	5	26	5	41	26	41	27	30	32	37						
LOUW BOELA 900141000406365	2025	COLOS VLADIMIR	7.23	99	104	108	93	106	93		109	104	108	97	104						
		RAINAISANCE STARFIRE		5	5	5	28	5	42		41	28	31	33	37						
NARCO ROGUE	2025	COLOS VLADIMIR	8.82	86	108	107	86	97	98	106	102	96	101	88	96						
		GILLMORE CIROC		5	5	5	25	5	41	24	40	26	28	31	36						

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	
NARCO ASTRID		COLOS VLADIMIR	8.82	86	108	107	86	97	98	106	102	96	101	88	96						
	2025	GILLMORE CIROC		5	5	5	25	5	41	24	40	26	28	31	36						
FRONTLINE RAVEN		COLOS VLADIMIR	8.23	91	110	111	89	94	99	94	92	92	99	93	92						
	2025	VOORTREKKER TESSA		5	5	5	27	5	42	27	41	28	30	33	37						

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		
RAINAISANCE BOE BOE		RAINAISANCE SIMBA	12.26	90	93	93	100	94	88	91	95	95	96	93	92	19	4	4		2	
	2016	RAINAISANCE JULIET		5	5	5	49	5	68	48	67	50	53	56	62			3		2	
KLOPDISSELBOOM SUPER KHAN		KLOPDISSELBOOM BEAST	6.86	92	87	87	113	102	120	97	93	106	114	106	105	10	3	6		5	
	2017	RAINAISANCE FIELA		5	5	17	52	21	67	51	66	53	55	58	62			5		3	
ATKINS X-FACTOR		GROENBERG BBD RAMBO	7.09	117	90	102	109	110	113	106	109	96	102	113	111	20	3	11		8	
	2017	VOEL GERUS MILEY		19	27	47	66	47	78	65	77	66	68	70	74			9		1	
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	
KLOPDISSELBOOM STRANGER		KLOPDISSELBOOM KAROLIS	10.15	102	96	96	116	102	119	92	103	97	100	121	110	24	2	7		4	
	2019	KLOPDISSELBOOM DINGETJIE		5	5	5	52	16	70	51	69	53	55	58	64			6		1	
MASTERS EXQUISITE BIG VIRG		FRANK IRENE AANG	11.60	107	93	85	98	97	91	118	122	101	101	88	105	38	5	13		5	
	2019	DELATRO DUCHESS		5	5	5	56	23	73	55	72	57	59	62	68			10		2	
COLOS BAAS		TARGUS RAM	5.55	83	128	112	98	109	77	114	118	113	126	108	114	53	7	5	2	2	5
	2019	KLEIN SANDFONTEIN AKITA		5	10	39	61	39	74	61	73	61	63	65	69			4		1	
NARCO CAIN		KLOPDISSELBOOM SUPER KHAN	8.69	96	87	94	113	94	96	92	95	92	99	96	96	27	8	9		1	
	2020	KLOPDISSELBOOM BABY CHOCOLATES		5	5	5	50	11	70	48	69	51	54	57	64			9		1	
AMAROK MAXIMUS		KLOPDISSELBOOM KAROLIS	13.17	116	98	84	112	119	105	111	133	115	116	119	126	20	4	6			
	2020	AMAROK ELSA		5	5	10	45	18	61	45	60	46	48	51	56			6			
NARCO AZA OF AFRICAN PRIDE		KLOPDISSELBOOM KAROLIS	7.00	93	95	105	110	111	90	100	111	103	104	109	109	1					
	2021	REMBRANDT BBD IVY		5	5	5	46	14	63	45	62	47	49	52	57						
COLOS VLADIMIR		COLOS BAAS	8.68	90	118	117	83	99	93	115	117	107	114	89	105	11	5				
	2021	COLOS FLAVIA		5	5	21	48	20	65	48	64	49	51	54	59						

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		
ZKR CARLING		CBR BLACK MAGIC	6.16	92	91	98	92	94	109	93	83	80	94	98	89	25	6	8		2	
	2021	GATEKEEPER NADIA JAFTER		5	5	10	48	20	64	48	63	49	51	54	59					2	
WOEKER BBD KLEIN SEUN		AFRIKA BOETA-BEN	11.63	95	108	100	119	116	119	113	104	111	106	105	110	18	4				
	2022	WOEKER BBD PIPPIE		5	5	20	50	22	66	49	65	50	53	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-rament	Coat	General Appear.	Head & Face	Front Quarter	Centre	Hind Quarter	Final Score	Progeny	Litters	Progeny Kennels	Hips	Elbows	
REMBRANDT BBD IVY	2018	PENINSULA PLAYBOY	9.34	81	88	119	106	111	96	113	115	105	105	106	111	14	3	6			2
		MARANATA BBD MIKA		5	5	20	51	21	66	51	65	52	54	57	61			5			1
RAINAISANCE SOFIA	2018	RAINAISANCE SIMBA	4.80	94	93	111	123	95	112	72	80	92	87	103	91	25	4	11			8
		MIDDELPOS BBD FIELA		5	5	42	64	35	78	63	78	64	67	69	74			8			1
KLOPDISSELBOOM BABY CHOCOLATES	2018	KLOPDISSELBOOM KLEIN BASIE	10.93	101	88	101	105	93	95	98	99	93	99	99	98	16	2	2			1
		KLOPDISSELBOOM BEKKIES		5	5	15	39	5	55	38	54	40	43	45	50			1			1
RAINAISANCE KATANA	2019	ATKINS X-FACTOR	7.02	106	92	113	119	102	120	86	102	98	95	107	105	12	2	1			1
		RAINAISANCE SOFIA		5	5	35	55	29	70	54	69	56	58	60	65			1			1
COLOS FLAVIA	2020	CDH THUNDER	10.67	96	108	123	95	107	102	120	110	108	116	99	109	49	5	5	2	2	4
		SPITSVUUR BBD KIRA		5	5	49	54	27	69	56	68	55	57	59	64			5			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
SCOUSER CATILEYA	2020	KLEIN WITWAL BBD SHOT CALLER	5.77	100	84	117	122	120	119	108	103	118	121	119	119	10	2				
		TELEOIS BROOKLYN		5	5	23	47	18	64	46	63	48	50	53	58						
WOEKER BBD BRENDA	2020	WOEKER BBD WOEKER	13.17	116	103	72	133	111	118	110	102	102	106	116	112	12	2				
		MIDDELPOS BBD FIELA 3		5	5	42	55	31	69	54	68	56	58	60	64						
COLOS AYA	2021	MES FELIX BOETA	12.52	101	95	158	132	106	97	69	80	108	91	122	99	35	4	16			6
		CDH GIGA		5	5	51	62	38	76	62	75	63	65	67	72			12			2
RAINAISANCE STARFIRE	2021	ATKINS X-FACTOR	7.59	108	91	98	104	113	92	112	101	100	102	105	103	16	3	1			
		RAINAISANCE LANA		5	5	25	47	22	61	48	61	48	50	52	57			1			
GILLMORE SHADOW	2022	BODINGTON BOERBOEL THE IMPOSTOR	7.59	73	104	82	95	107	85	118	105	106	110	94	102	6	2	1			
		GILLMORE RAVEN		5	5	15	41	5	58	40	57	42	44	47	52			1			
GILLMORE SAVANNA	2022	BODINGTON BOERBOEL THE IMPOSTOR	7.59	73	104	95	91	102	96	111	103	103	100	86	97	12	2	1			1
		GILLMORE RAVEN		5	5	5	43	8	61	42	60	44	46	49	55			1			1

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	
VOORTREKKER TESSA		KADOS TEXAS	7.05	93	103	105	95	90	105	74	66	77	84	96	79	2	1				
	2023	BRAAMBOS KHALEESI II		5	5	20	46	19	62	45	61	47	49	51	57						
GILLMORE CIROC		ZKR CARLING	6.55	83	97	97	90	95	103	97	88	84	88	87	87	3	1				
	2023	GILLMORE SAVANNA		5	5	5	42	5	62	41	61	43	46	49	55						

