

Boerboel Genetic Evaluation

SA Stud Book
February 2026

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BENIN

0

EDO

NIGERIA



Kennel Number: 677655



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.

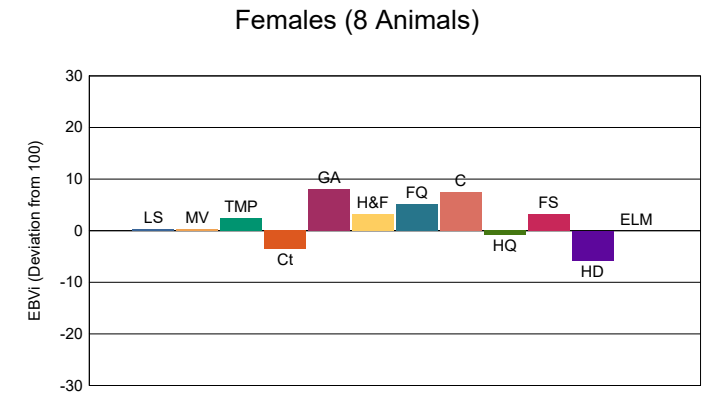
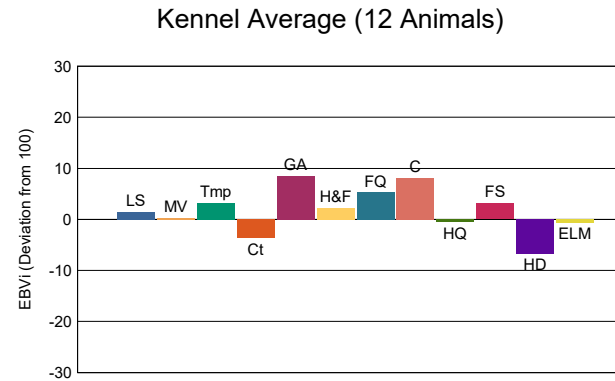
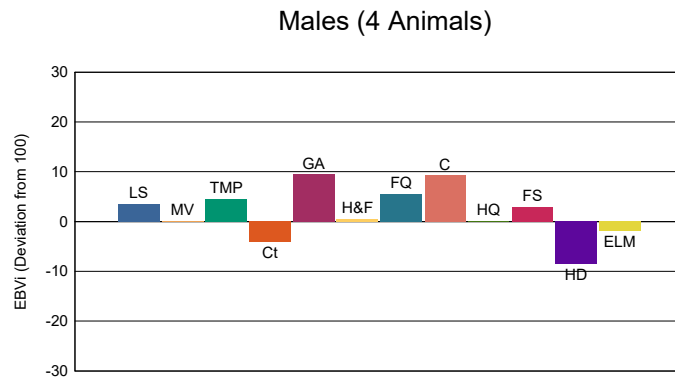
Genetic Trends: The Genetic Trends indicate the genetic change that occurred over time in the animals bred by the breeder compared to that of the breed. These are calculated as the average of the breeding values of all measured animals bred by the breeder, per year of birth.

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	104	100
Movement (Mv)	100	100	100
Temperament (Tmp)	103	105	102
Coat (Ct)	96	96	97
General Appearance	109	109	108
Head & Face (H&F)	102	101	103
Front Quarter (FQ)	105	106	105
Centre (C)	108	109	107
Hind Quarter (HQ)	100	100	99
Final Score (FS)	103	103	103
Hip Health (HH)	93	92	94
Elbow Health (ELM)	99	98	100

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.

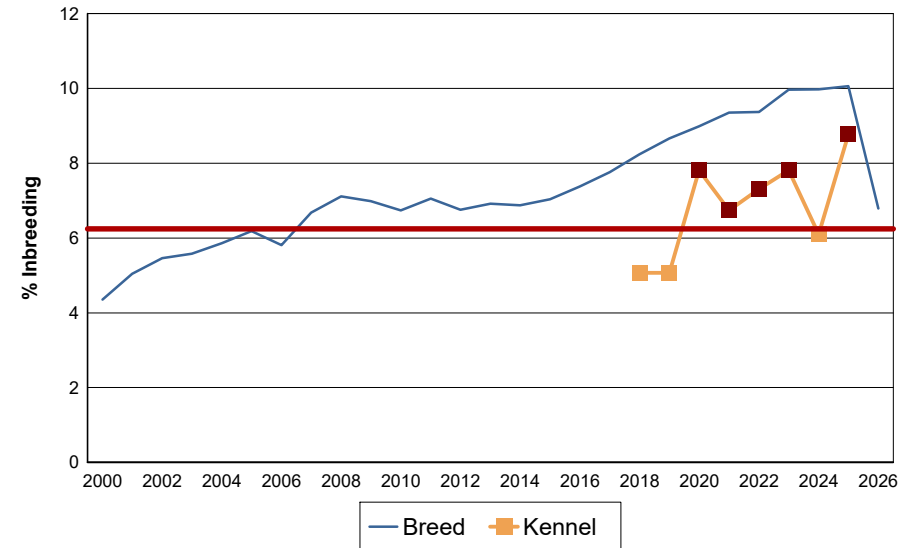
It is therefore highly recommended to record pedigree information as accurately. Inbreeding is dependent on pedigree information. Conventional methods for the calculation of inbreeding coefficients usually assume that unknown parents are unrelated, which is usually far from the truth. Inbreeding coefficients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

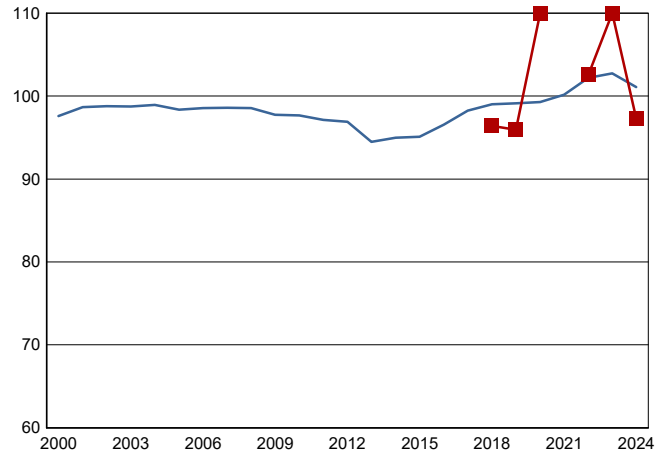


Inbreeding Levels

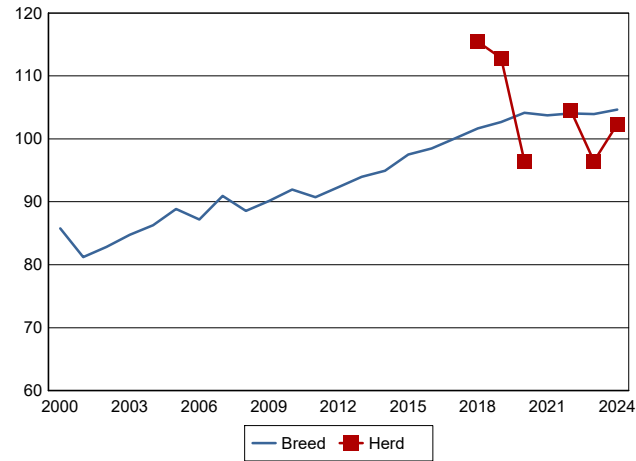
	All Animals		Males		Females		Sires		Dams	
	Kennel	Breed	Kennel	Breed	Kennel	Breed	Kennel	Breed	Kennel	Breed
Number	12	49007	4	25141	8	23857	6	3371	8	6287
Average Inbreeding	7.52	8.49	7.21	8.46	7.67	8.53	6.27	8.01	6.82	8.00
Number inbred	12	48727	4	24990	8	23728	6	24990	8	23728
Number >6.25% Inbr.	11	30600	3	15537	8	15058	4	15537	4	15058

Genetic Trends

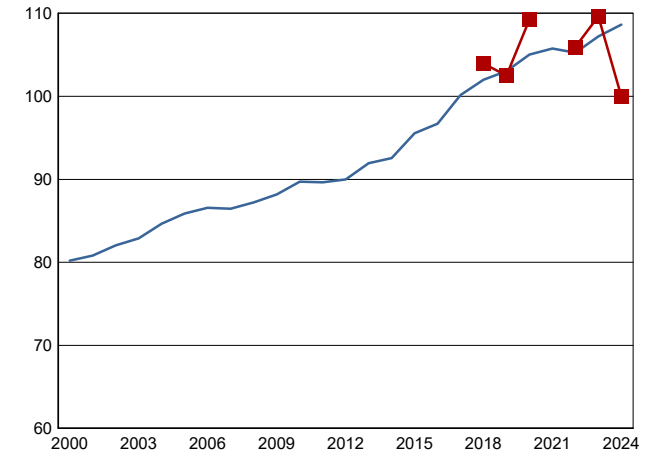
Litter Size



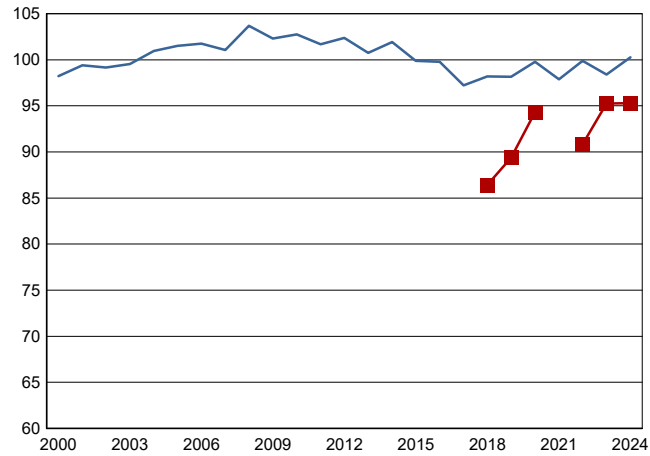
Movement



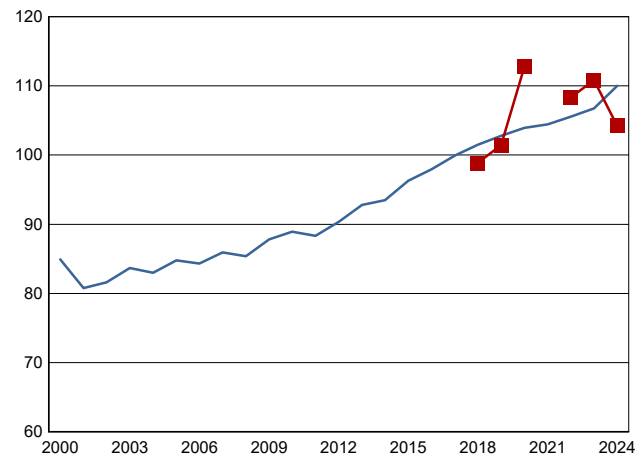
Temperament



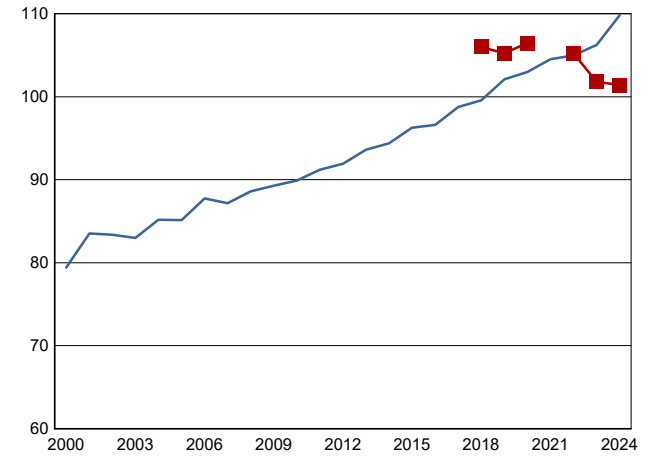
Coat



General Appearance

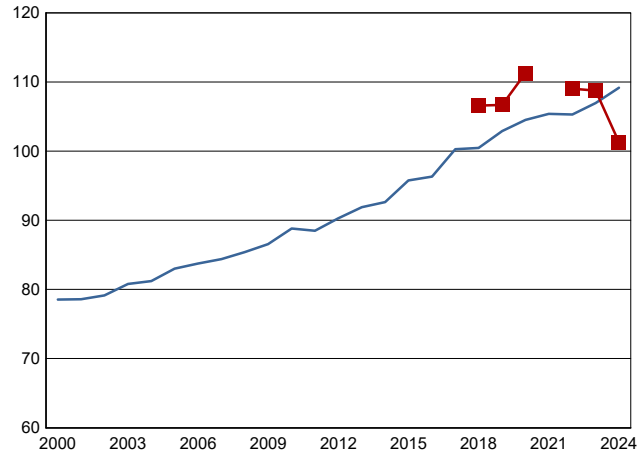


Head & Face

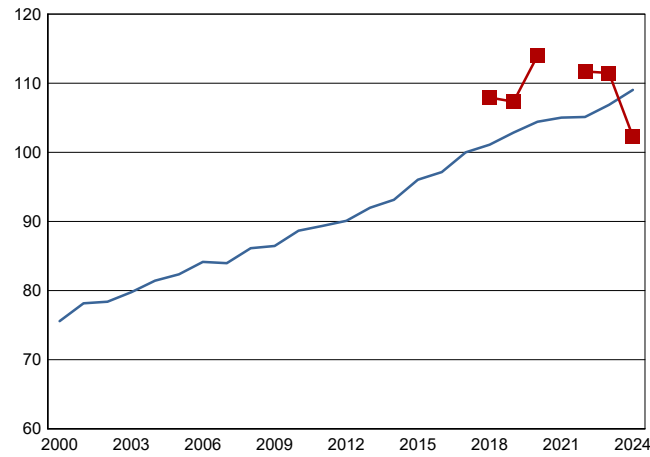


Genetic Trends

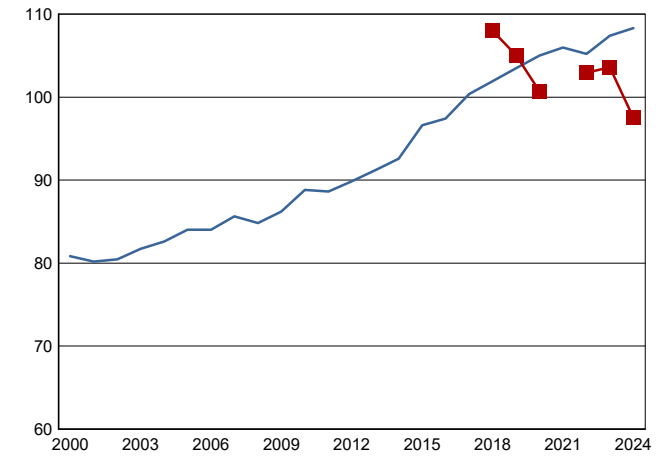
Front Quarter



Centre

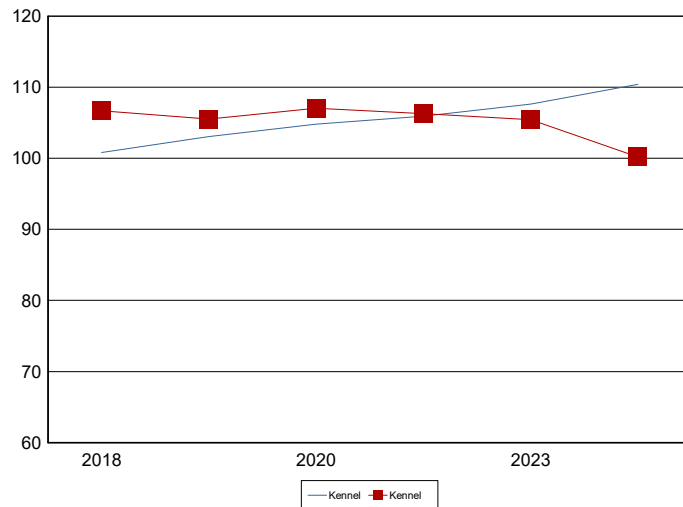


Hind Quarter

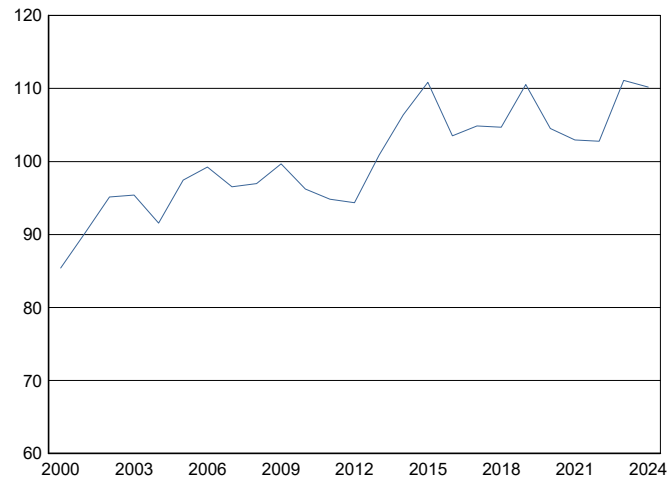


Final Score & Health Traits

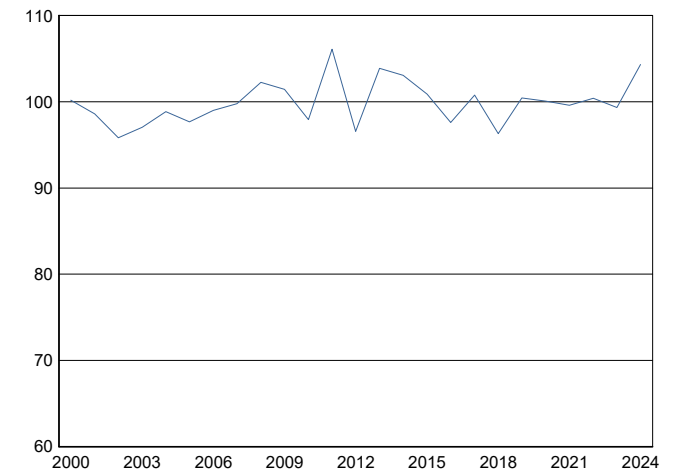
Final Score



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	Movement	Temperament	Coat	General	Head &	Front	Centre	Hind	Final	Progeny	Litters	Progeny Kennels	Hips	Elbows	litters
BYr	Dam		Acc.	Acc.	Acc.				Appear.	Face	Quarter		Quarter	Score						
STEGO RAZOR	ELEVATION HUDSON	6.60	92	98	102	98	101	92	103	104	106	106	99	102	41	10	17			5
	2019 STEGO TINTIN [AJOKI]		5	5	18	54	27	71	54	70	55	57	60	65						
MAGNIFICO BROCK	ALEXANDER BBD LASARUS	8.20	96	105	106	96	107	98	116	101	107	117	100	105						
	2022 TOPBRED BRANDY		5	5	5	30	5	44	29	43	31	33	35	40						
MAGNIFICO BLADE	STEGO RAZOR	7.81	90	102	110	97	106	104	115	95	104	106	97	100						
	2023 TOPBRED BRANDY		5	5	5	38	5	56	37	55	39	41	44	50						
MAGNIFICO THUNDER	PYRAMAX THOR	6.22	88	87	96	110	104	90	103	103	106	108	105	105						
	2024 MAGNIFICO BLISS		5	5	5	22	5	37	21	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	Progeny with litters
MAGNIFICO DARK ANGEL	2022	ALEXANDER BBD LASARUS TOPBRED BRANDY	8.20	96 5	105 5	106 5	98 42	107 5	106 60	125 41	109 59	110 42	120 45	98 48	110 54						
IMPECCABOEL DIAMOND	2022	STEGO RAZOR DAFFYS COCO	6.52	95 5	100 5	100 5	86 40	95 5	89 59	97 39	109 58	106 41	98 44	83 46	96 52	1	1				
MICH CUCU	2023	SKYVISION CEASER KREST NIKKY	7.75	101 5	100 5	93 5	107 35	99 5	99 54	105 34	99 53	97 36	99 39	96 42	99 47	1	1	1 1			
MAGNIFICO RHEA RIPLEY	2023	STEGO RAZOR TOPBRED BRANDY	7.81	90 5	102 5	110 5	96 38	113 5	86 56	106 37	109 55	114 39	117 41	110 44	111 50						
GIBBORIM MAGNIFICO BLACK ICE	2023	STEGO RAZOR FORESEE ANIMAL NEWTON	7.08	86 5	101 5	106 5	95 28	95 5	87 41	100 29	92 40	96 29	100 31	97 33	93 37						
MICH MAGNIFICO LYRA	2023	ALEXANDER BBD LASARUS MAGNIFICO TOPNOTCH STAR	6.62	101 5	100 5	92 5	127 35	119 5	104 54	125 36	110 53	120 36	126 39	111 42	119 48						
MAGNIFICO KARA	2025	BIGMICHAEL MANDELA MAGNIFICO OSEIWE	8.71	93 5	97 5	98 5	98 5	96 5	101 22		100 22	100 5	100 6	99 11	99 17						
MAGNIFICO JADE	2025	BIGMICHAEL MANDELA MAGNIFICO OSEIWE	8.71	93 5	97 5	98 5	98 5	96 5	101 22		100 22	100 5	100 6	99 11	99 17						

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 HUDSON	2013	SA SUPERIOR BUDDHA	4.57	89	94	101	112	103	120	103	98	97	114	104	106	125 28	19 18			14
		HAZENJACHT BBD MARMITE		5	20	46	69	47	81	69	81	70	72	74	77					7
PYRAMAX THOR	2016	HIS KENNELS MASERATTI	6.85	81	81	99	107	105	100	107	98	103	109	105	104	39 6	11 11			11
		ROCKYVILLE BBD DIAMONT		5	5	15	46	16	64	45	63	47	49	52	58					3
BIGMICHAEL MANDELA	2019	SKYVISION ACE	6.73	96	95	89	95	83	107	95	93	88	87	96	91	6 1				
		STEGO VERA		5	5	10	36	5	48	36	48	37	39	41	45					
STEGO RAZOR	2019	ELEVATION HUDSON	6.60	92	98	102	98	101	92	103	104	106	106	99	102	41 10	17 13			5
		STEGO TINTIN [AJOKE]		5	5	18	54	27	71	54	70	55	57	60	65					3
ALEXANDER BBD LASARUS	2019	LANDRE MAX	6.93	105	105	94	98	100	94	115	96	100	116	98	101	8 1	5 4			
		BOSTU LIANIE		5	5	29	55	29	70	55	69	56	58	60	65					
SKYVISION CEASER	2021	SKYVISION GEORGE	5.91	102	95	89	93	94	111	116	114	103	113	97	108	41 8	3 3			1
		ALEXANDER BBD OLORIOBA		5	5	9	43	5	60	43	59	44	47	49	55					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	
STEGO TINTIN [AJOKE]	2017	GIANTS OF AFRICA STONE COLD	6.15	94	102	101	97	98	90	100	92	102	94	98	94	4	1	2		2	
		ROKAFELA STORM		5	5	22	52	25	68	51	67	52	55	57	62						
TOPBRED BRANDY	2018	NGDK RAGNAR	8.79	88	105	119	94	114	101	118	106	113	117	103	109	23	3	12		1	
		STEPHANO XURI		5	5	24	40	5	58	40	57	41	44	46	52						
FORESEE ANIMAL NEWTON	2019	MES WEBSTER	6.08	80	104	110	91	88	82	96	80	85	94	94	84	13	1	2			
		GIANTS OF AFRICA DIAMOND		5	5	30	39	16	50	44	50	40	41	43	47						
DAFFYS COCO	2020	LANDRE ZEUS	5.75	98	101	98	90	95	88	95	94	97	96	85	90	7	2	3		1	
		HERBERG GABBANA		5	5	27	41	11	56	40	55	42	44	46	51						
KREST NIKKY	2021	LAIKA BEERTJIE	6.49	100	104	97	116	108	76	99	87	94	93	104	94	16	3	3		1	
		ABONZO ARTEMIS		5	5	24	38	15	50	38	49	39	41	42	46						
MAGNIFICO BLISS	2022	STEGO RAZOR	6.10	96	94	94	113	103	79	99	107	110	108	105	105	2	1				
		HIGH DEFINITION PULL THE TRIGGER		5	5	15	37	5	52	36	51	38	40	42	47						
MAGNIFICO TOPNOTCH STAR	2022	MAGNIFICO DRAGON DROGO	7.34	96	94	89	131	118	99	116	108	121	119	112	117	8	4	2			
		ANIA CASPIAN RUSSIA		5	5	19	37	5	57	36	56	38	41	44	50						
MAGNIFICO OSEIWE	2022	MAGNIFICO MONTANA BLOCKAGE	7.88	89	98	108	100	109	95	112	106	111	113	103	108	6	1				
		TOPBRED BRANDY		5	5	5	13	5	31	30	30	14	17	20	26						

