

Boerboel Genetic Evaluation

SA Stud Book
February 2026

MR M.L. NHAMPOSSE JNR

BAIRRO DA COOP RUAQ NG

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MAPUTO

MOZAMBIQUE



Kennel Number: 705498



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.

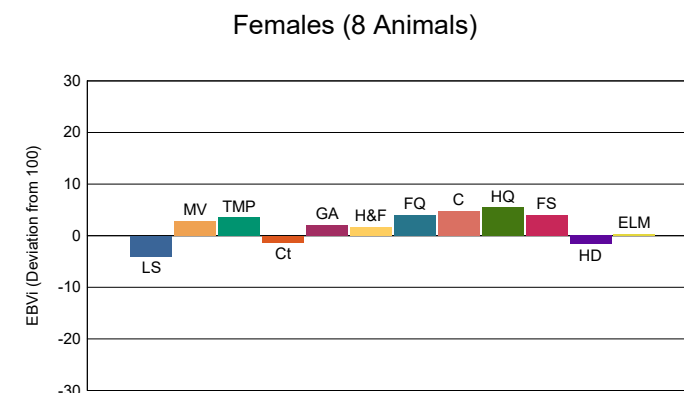
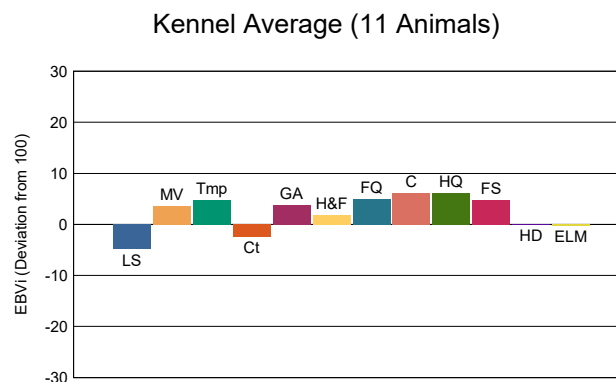
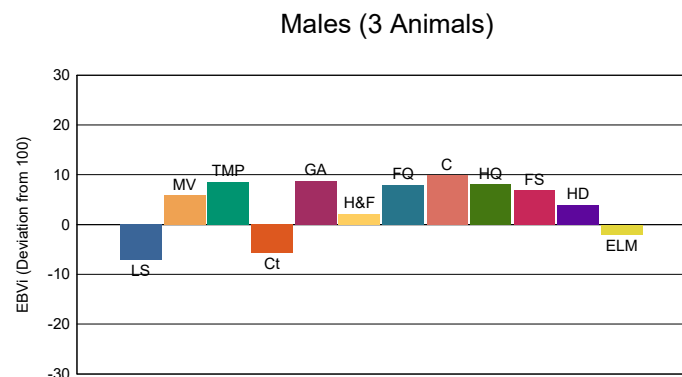
Genetic Trends: The Genetic Trends indicate the genetic change that occurred over time in the animals bred by the breeder compared to that of the breed. These are calculated as the average of the breeding values of all measured animals bred by the breeder, per year of birth.

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	93	96
Movement (Mv)	104	106	103
Temperament (Tmp)	105	109	104
Coat (Ct)	98	94	99
General Appearance	104	109	102
Head & Face (H&F)	102	102	102
Front Quarter (FQ)	105	108	104
Centre (C)	106	110	105
Hind Quarter (HQ)	106	108	105
Final Score (FS)	105	107	104
Hip Health (HH)	100	104	98
Elbow Health (ELM)	100	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.

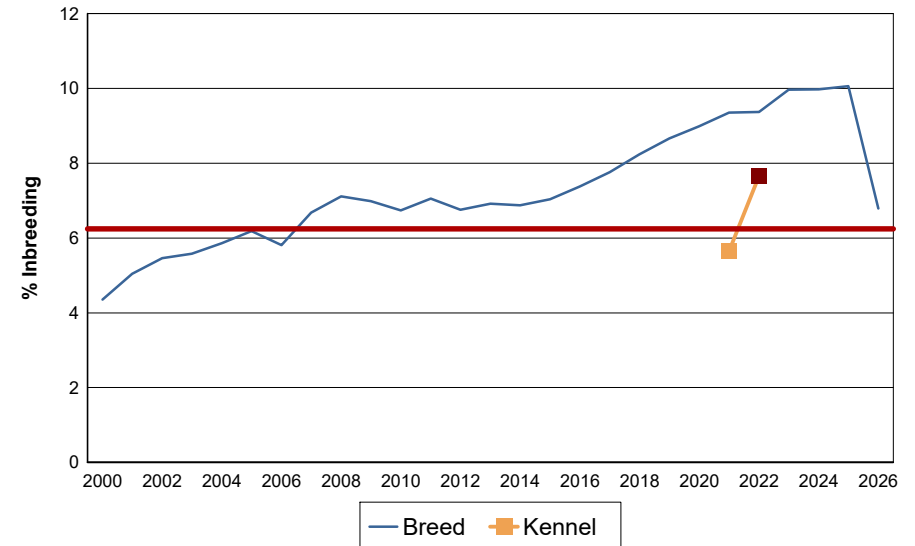
It is therefore highly recommended to record pedigree information as accurately. Inbreeding is dependent on pedigree information. Conventional methods for the calculation of inbreeding coefficients usually assume that unknown parents are unrelated, which is usually far from the truth. Inbreeding coefficients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

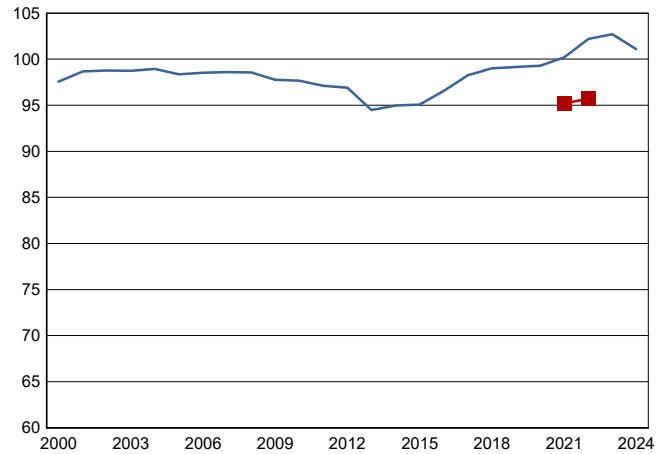


Inbreeding Levels

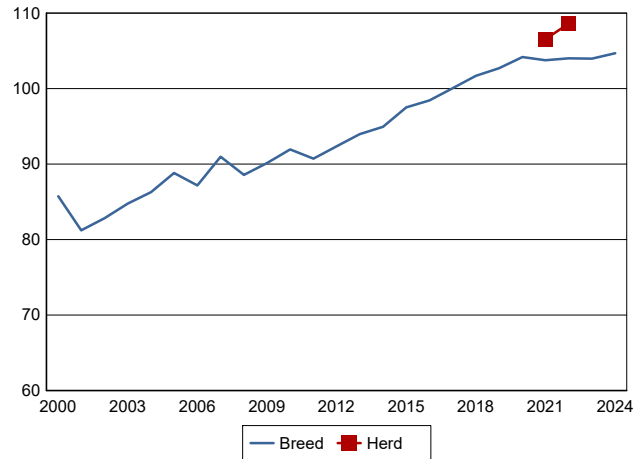
	All Animals		Males		Females		Sires		Dams	
	Kennel	Breed	Kennel	Breed	Kennel	Breed	Kennel	Breed	Kennel	Breed
Number	11	49007	3	25141	8	23857	11	3371	11	6287
Average Inbreeding	11.12	8.49	12.40	8.46	10.64	8.53	12.05	8.01	9.07	8.00
Number inbred	11	48727	3	24990	8	23728	11	24990	11	23728
Number >6.25% Inbr.	9	30600	3	15537	6	15058	9	15537	8	15058

Genetic Trends

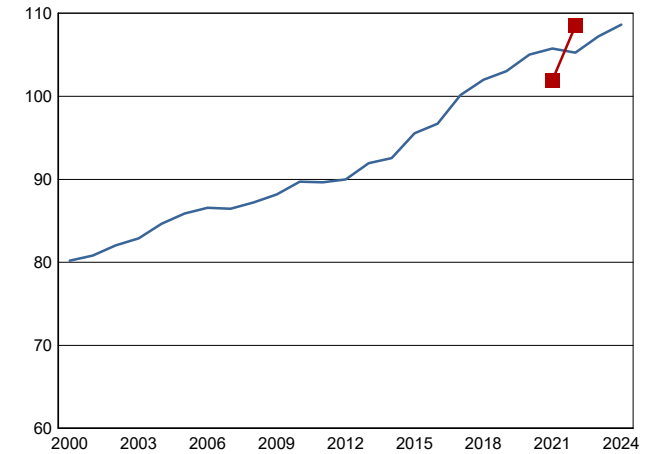
Litter Size



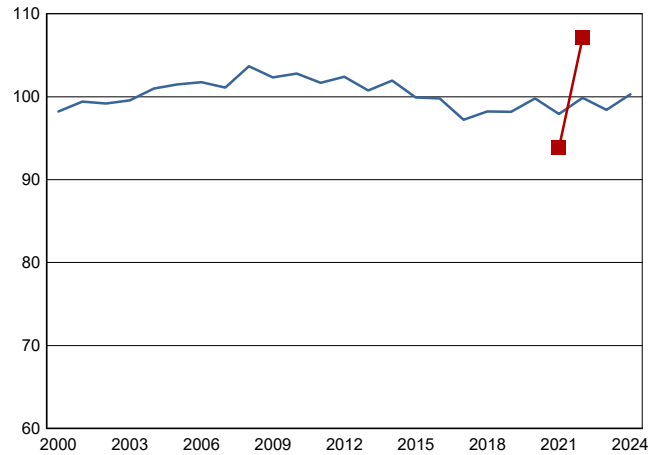
Movement



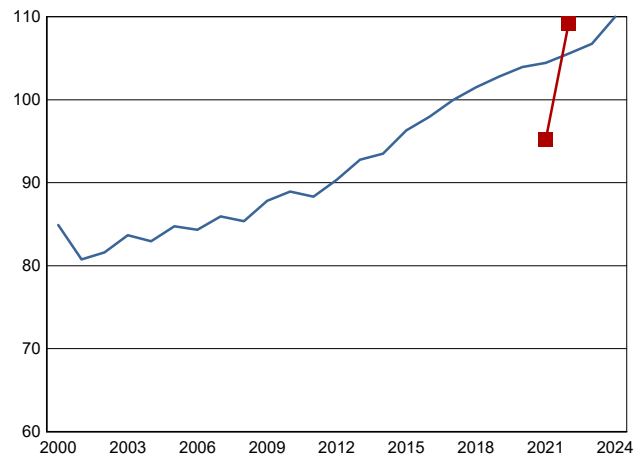
Temperament



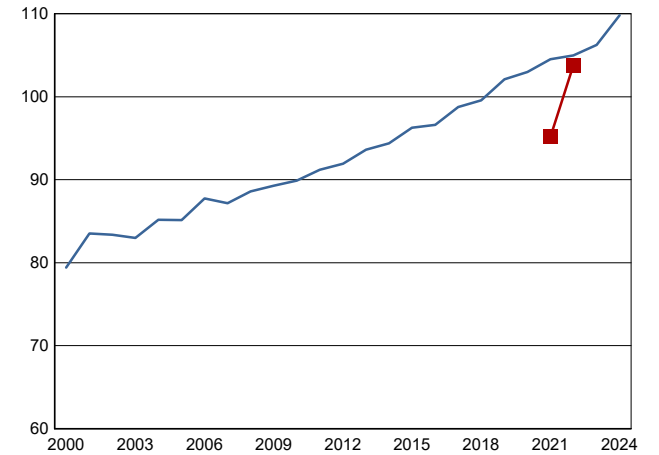
Coat



General Appearance

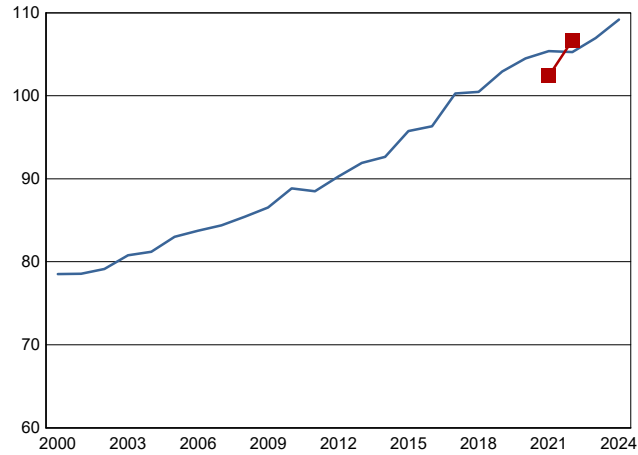


Head & Face

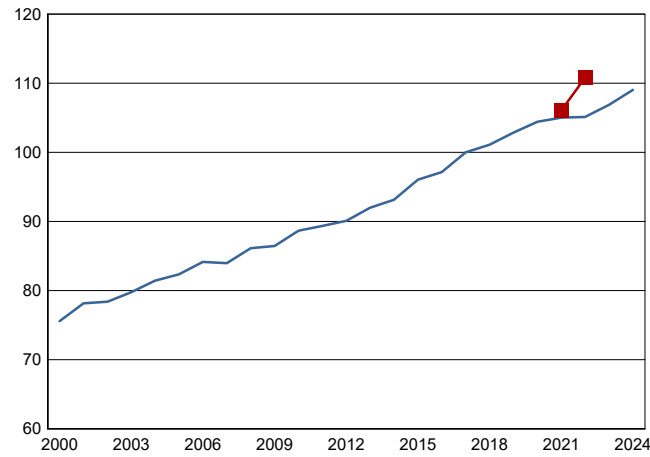


Genetic Trends

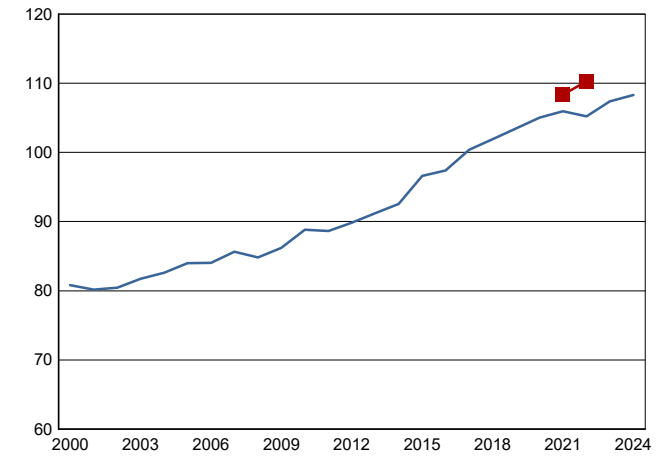
Front Quarter



Centre

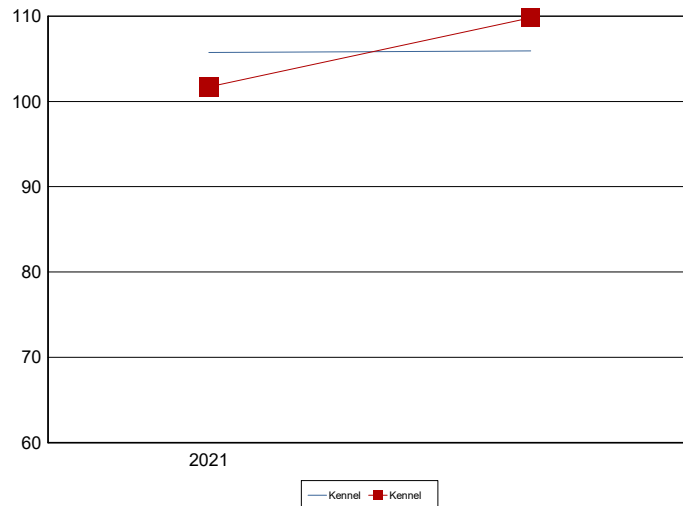


Hind Quarter

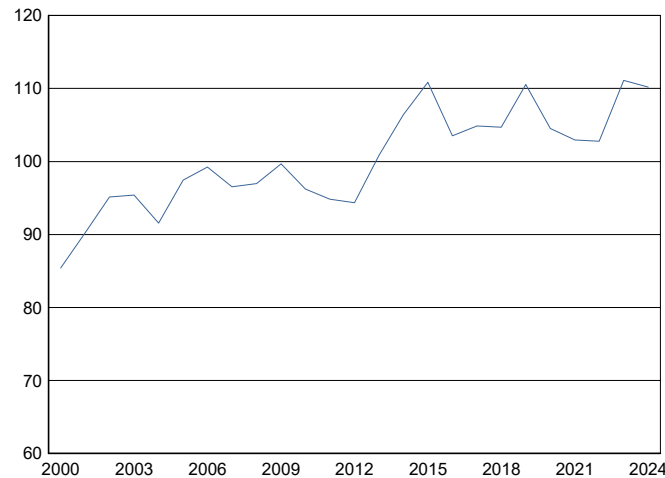


Final Score & Health Traits

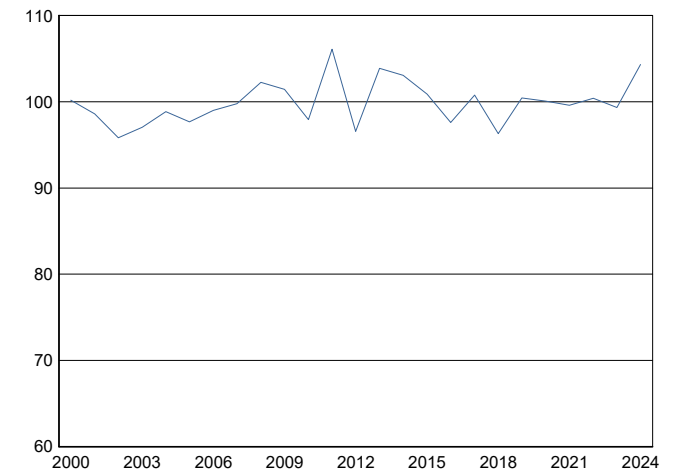
Final Score



Hip Health



Elbow Health



Estimated Breeding Value Indices (EBVi's)

Males

Inbreeding >6.25% is high

< 80

>= 100

>= 120

Animal Information			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 ZEUS		BOSTU ALPHA	13.44	113	105	85	107	115	66	105	105	114	117	111	108	2	1	2			1
	2018	LANDRE MISS DIVA		5	5	19	49	19	66	48	65	50	52	55	60			2			1
CAVIN REGAL RAFIKI		ELEVATION ZAMBA	15.90	111	76	96	109	114	115	122	110	109	114	111	115	8	3	2			
	2019	LA BOELA OPAL		5	19	31	52	27	67	51	66	53	55	57	62			2			
ALEXANDER BBD ELIMINATOR		ELDORADO BBD FRANK SINATRA	7.87	88	113	98	102	96	102	100	92	100	99	102	97	16	3	3			1
	2021	MES SERENA		5	5	26	52	26	68	51	67	53	55	58	62			3			1

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	
CHUABO DIVA	2019	AFRIKA DOZER	6.30	102	101	105	101	89	101	86	84	90	93	101	90	2	1	2			1
		CHUABO KIRA		5	5	14	43	9	62	43	61	44	47	50	56			2			1
HOMIKA ATHENA	2020	TARGUS RAM	7.54	82	102	90	109	109	87	105	104	105	107	110	107						
		TESSAK MAGGIE		5	5	30	53	32	67	53	66	54	56	58	62						
ALEXANDER BBD TRICHIA	2020	ELEVATION MUSTANG	15.99	110	104	103	110	116	108	123	112	118	116	107	116						
		ELEVATION KELLY		5	5	24	39	15	50	39	49	40	41	43	46						
BOSSENDAL SINDEL	2021	DELATRO ECHO	4.55	98	102	100	102	95	103	93	102	97	90	105	100	3	1				
		MES SOPHIA		5	5	21	42	10	60	41	59	43	45	48	54						
GODZI TALIA	2021	ALEXANDER BBD ZEUS	5.65	108	103	95	108	103	100	97	98	104	108	110	104	2	1	1			
		CHUABO DIVA		5	5	5	39	5	59	38	57	40	43	46	52			1			
DOSHER THABSIE	2021	GLASGOW BONZO	12.56	91	100	85	90	96	79	95	97	92	95	93	91						
		ALEXANDER BBD MISS DORA		5	5	5	42	5	61	41	60	43	46	49	55						
GODZI MOON	2022	CAVIN REGAL RAFIKI	10.64	109	90	96	109	109	107	109	104	107	111	110	110						
		GODZI TALIA		5	5	5	24	5	39	24	38	25	27	30	34						
GLASGOW GODZI DIVA	2025	JOSMOT SPYKE	21.92	86	102	94	93	112	106		113	119	119	109	115						
		GLASGOW BITA		5	5	5	5	5	35		33	5	11	18	27						

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	
AFRIKA DOZER		AFRIKA PATRON	8.79	108	102	110	107	93	97	83	78	85	88	97	86	5	2	4	1	1	1
	2015	AFRIKA GEMMA		26	40	44	51	25	65	51	64	52	54	56	60			4			1
ELEVATION MUSTANG		GROENBERG BBD RAMBO	5.78	93	96	88	110	124	101	127	118	128	117	104	119	23	3	5			5
	2017	ELEVATION LISA		31	41	51	59	44	68	59	68	60	61	63	65			5			2
BOSTU ALPHA		MES BUKA	13.12	111	112	89	107	123	79	110	117	128	128	124	122	29	6	9			6
	2017	MES NAHLA I		5	21	39	56	34	69	55	68	57	59	61	65			9			3
TARGUS RAM		SPITSVUUR BBD TOKARA DRIFTER	11.20	57	129	70	99	99	82	105	100	100	111	91	98	269	46	77	3	3	44
	2017	TARGUS RINA		14	30	60	82	62	90	82	90	83	84	85	88			56			14
ELDORADO BBD FRANK SINATRA		CABARET PAVAROTTI	18.64	65	125	98	113	88	107	96	83	89	96	99	91	51	10	28			12
	2017	CABARET PAMELA ANDERSON		5	5	41	69	43	83	68	82	70	72	74	79			20			4
ELEVATION ZAMBA		GROENBERG BBD RAMBO	17.31	133	95	94	124	128	98	133	125	122	128	126	130	11	2	7			5
	2017	ELEVATION ZIETA		34	52	48	64	44	76	63	75	64	66	68	72			7			2
DELATRO ECHO		RAINAISANCE BIEBER	5.00	96	97	92	111	99	118	100	97	97	99	110	104	10	2	1			1
	2018	RAINAISANCE JENNIFER LOPEZ		5	5	5	48	17	67	48	65	49	52	55	60			1			1
GLASGOW BONZO		ABSOLUTE BOOKER	14.05	85	97	90	83	96	75	92	85	86	90	86	82	23	4	8			4
	2018	ALEXANDER BBD EVELYN		5	5	5	46	5	66	46	65	48	50	53	59			7			2
ALEXANDER BBD ZEUS		BOSTU ALPHA	13.44	113	105	85	107	115	66	105	105	114	117	111	108	2	1	2			1
	2018	LANDRE MISS DIVA		5	5	19	49	19	66	48	65	50	52	55	60			2			1
CAVIN REGAL RAFIKI		ELEVATION ZAMBA	15.90	111	76	96	109	114	115	122	110	109	114	111	115	8	3	2			
	2019	LA BOELA OPAL		5	19	31	52	27	67	51	66	53	55	57	62			2			
JOSMOT SPYKE		MES HITLER BLAKE	9.37	86	103	92	87	118	114	116	120	131	133	116	125	56	12	15			4
	2021	JOSMOT KOOLKAT 2		5	5	22	55	28	72	54	71	56	59	61	66			11			3

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	
LA BOELA OPAL	2015	MIDDELPOS BBD MAXIMUS I	8.11	89	57	98	98	99	122	110	88	90	100	95	96	53	4	19		15
		MIDDELPOS BBD KEENA		28	42	56	68	45	80	67	79	68	70	72	76			18		2
MES SOPHIA	2016	MES MAC GYVER	5.33	100	107	124	102	99	86	89	113	104	90	102	102	18	3	6		4
		AFRIKA BIA		5	19	50	51	28	64	51	63	52	54	56	60			6		1
LANDRE MISS DIVA	2017	KLEIN SANDFONTEIN BULLET	13.90	116	98	82	108	105	72	98	96	104	101	97	96	14	3	3		2
		NTHOHADI EVA		5	5	43	58	33	72	57	72	59	61	63	68			3		1
MES SERENA	2017	MES ARNOLD 1	11.65	110	101	97	102	112	92	99	117	120	112	116	116	7	2	3		6
		MES TAYLA		5	18	51	61	40	74	60	73	62	63	65	70			3		1
ELEVATION KELLY	2017	MIDDELPOS BBD OSCAR 1	13.63	127	113	118	110	107	115	118	106	109	115	110	112	12	2	7		5
		ZUKANDI CASSY		5	12	45	61	37	76	61	75	62	64	66	71			6		1
CHUABO KIRA	2018	MAKARIOS BBD ZORO	7.88	97	100	101	94	89	90	91	96	99	100	104	96	2	1	2		1
		ABSOLUTE GINGER		5	5	17	40	11	56	39	55	41	43	45	50			2		1
TESSAK MAGGIE	2018	MES RUBENSTEIN	5.36	108	75	110	109	110	89	98	103	102	92	123	106	26	3	7		4
		TESSAK RUBY		18	27	39	54	35	66	53	65	54	56	58	62			5		1
CHUABO DIVA	2019	AFRIKA DOZER	6.30	102	101	105	101	89	101	86	84	90	93	101	90	2	1	2		1
		CHUABO KIRA		5	5	14	43	9	62	43	61	44	47	50	56			2		1
ALEXANDER BBD MISS DORA	2019	ELDORADO BBD MAGNUM	12.00	97	103	80	93	99	72	105	105	99	108	103	101	5	1	2		1
		BOSTU LIANIE		5	5	34	53	27	69	52	68	54	56	59	64			2		1
GODZI TALIA	2021	ALEXANDER BBD ZEUS	5.65	108	103	95	108	103	100	97	98	104	108	110	104	2	1	1		
		CHUABO DIVA		5	5	5	39	5	59	38	57	40	43	46	52			1		
GLASGOW BITA	2024	DOSHER BOOKER	9.97	85	102	96	100	107	97	101	106	107	106	102	105	6	1			
		GLASGOW BRENDA		5	5	5	35	5	57	34	55	36	39	42	49					

