

Boerboel Genetic Evaluation

SA Stud Book
February 2026

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BAIRRO MAPULANGO

MARRACUENE

MAPUTO

MOZAMBIQUE



Kennel Number: 695154



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.

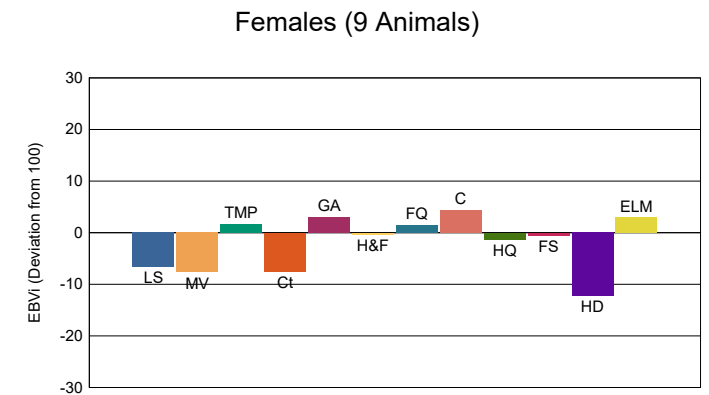
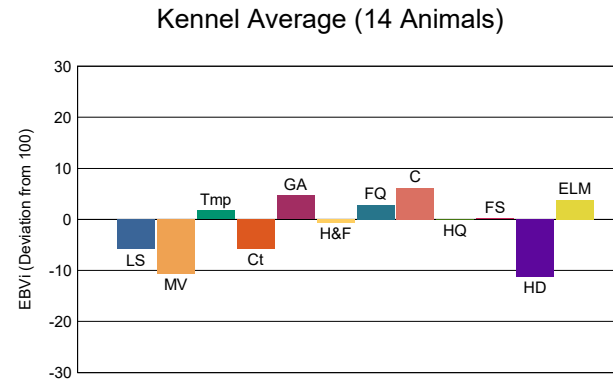
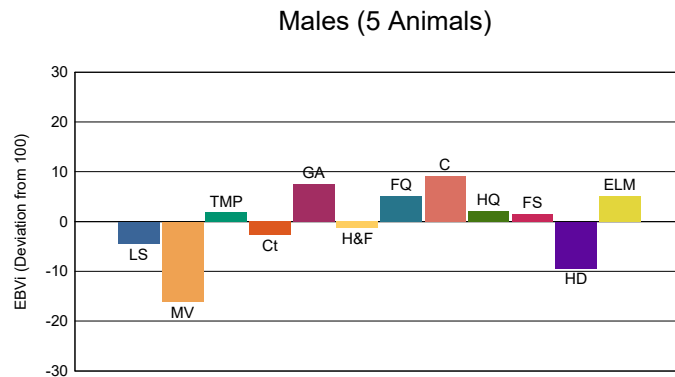
Genetic Trends: The Genetic Trends indicate the genetic change that occurred over time in the animals bred by the breeder compared to that of the breed. These are calculated as the average of the breeding values of all measured animals bred by the breeder, per year of birth.

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)	94	96	93
Movement (Mv)	89	84	92
Temperament (Tmp)	102	102	102
Coat (Ct)	94	97	92
General Appearance	105	108	103
Head & Face (H&F)	99	99	100
Front Quarter (FQ)	103	105	101
Centre (C)	106	109	104
Hind Quarter (HQ)	100	102	99
Final Score (FS)	100	101	99
Hip Health (HH)	89	91	88
Elbow Health (ELM)	104	105	103

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.

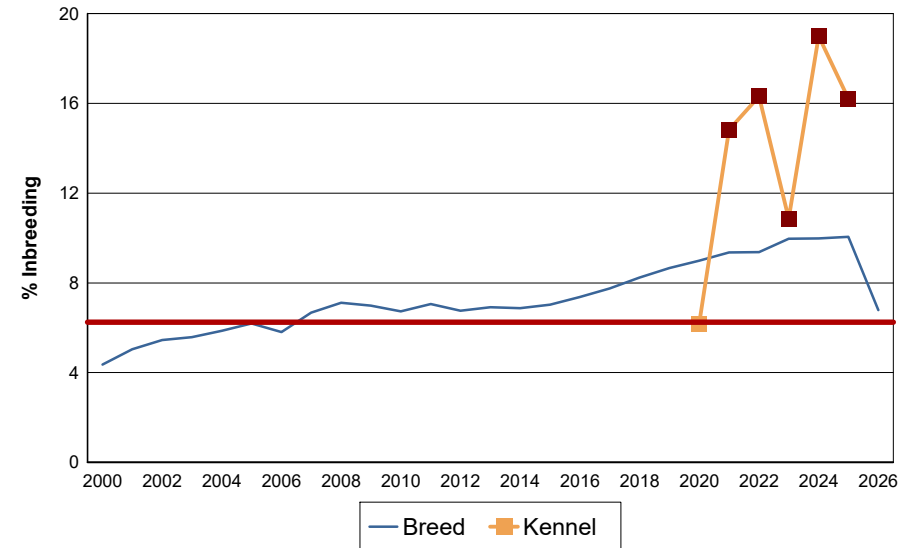
It is therefore highly recommended to record pedigree information as accurately. Inbreeding is dependent on pedigree information. Conventional methods for the calculation of inbreeding coefficients usually assume that unknown parents are unrelated, which is usually far from the truth. Inbreeding coefficients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

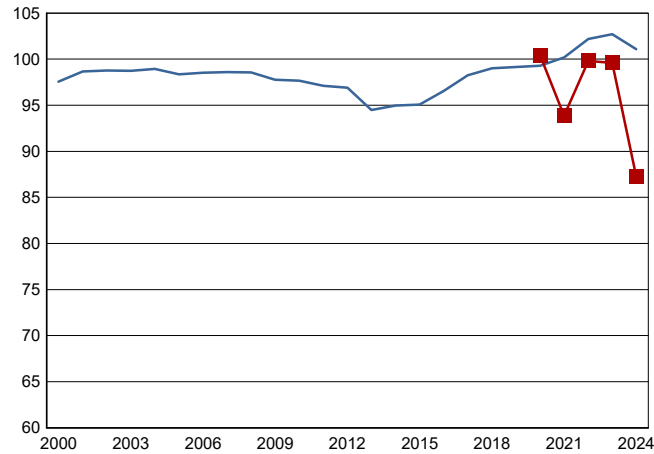


Inbreeding Levels

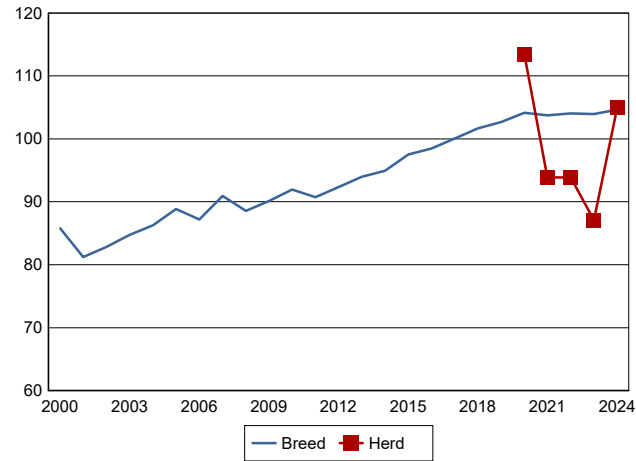
	All Animals		Males		Females		Sires		Dams	
	Kennel	Breed	Kennel	Breed	Kennel	Breed	Kennel	Breed	Kennel	Breed
Number	14	49007	5	25141	9	23857	8	3371	9	6287
Average Inbreeding	14.22	8.49	13.07	8.46	14.86	8.53	12.54	8.01	12.65	8.00
Number inbred	14	48727	5	24990	9	23728	8	24990	9	23728
Number >6.25% Inbr.	14	30600	5	15537	9	15058	8	15537	8	15058

Genetic Trends

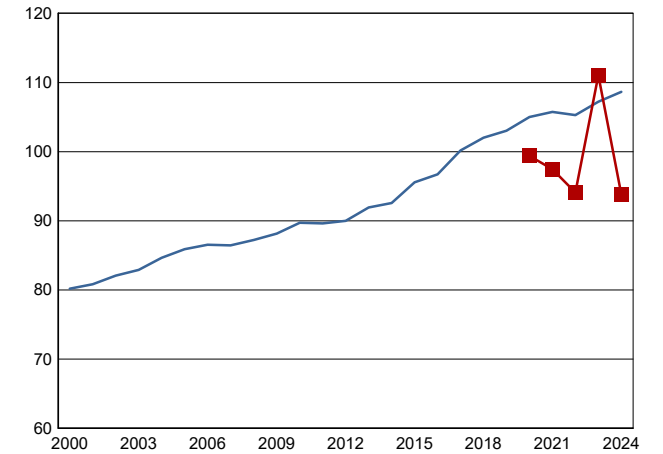
Litter Size



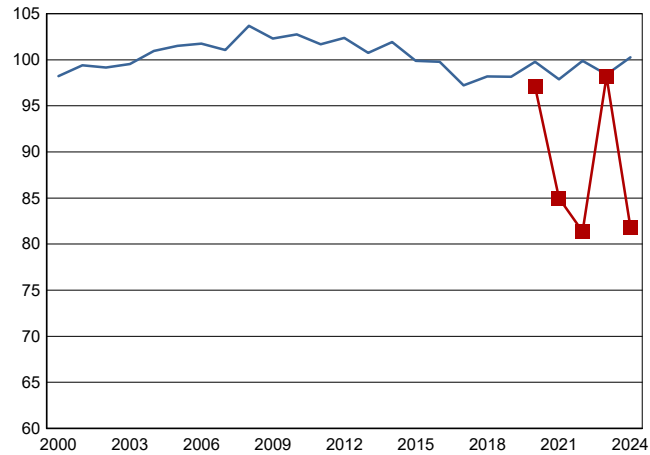
Movement



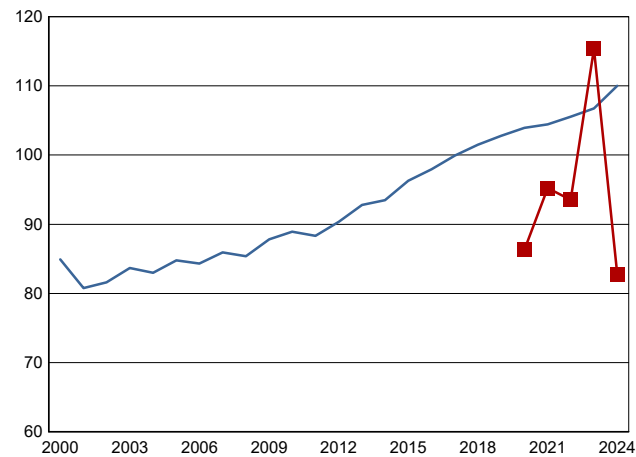
Temperament



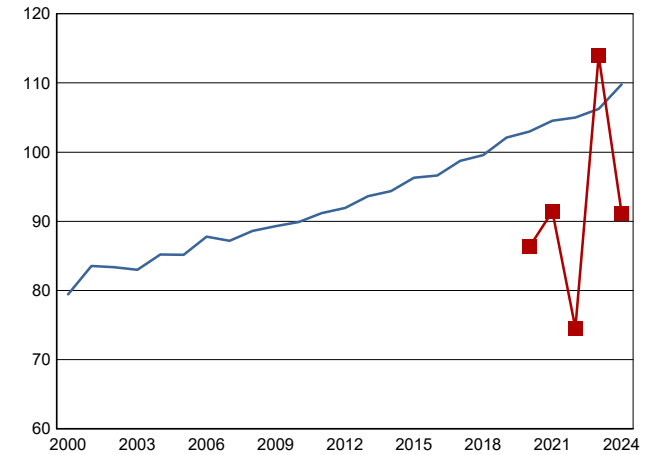
Coat



General Appearance

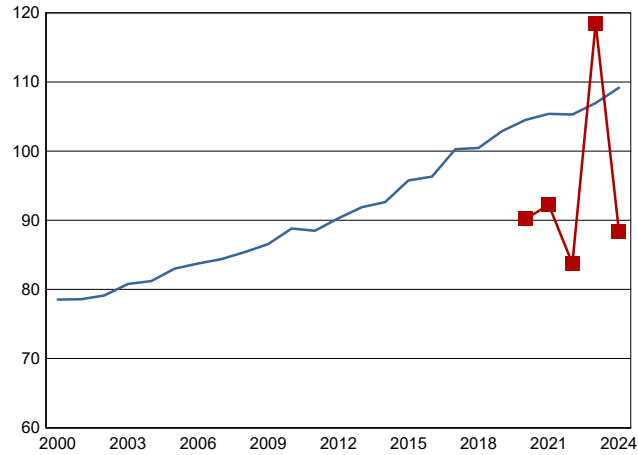


Head & Face

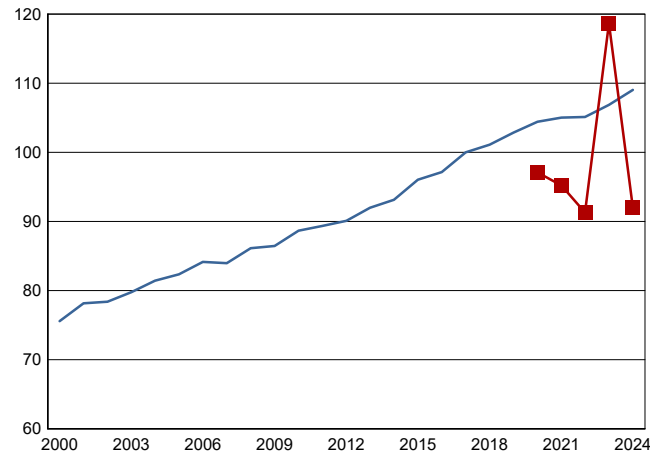


Genetic Trends

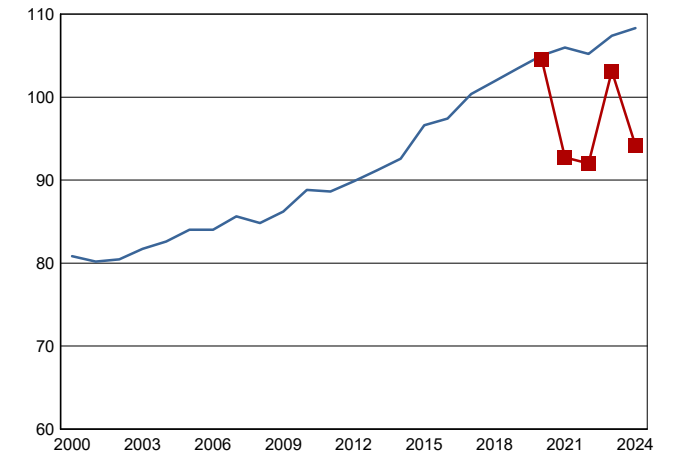
Front Quarter



Centre

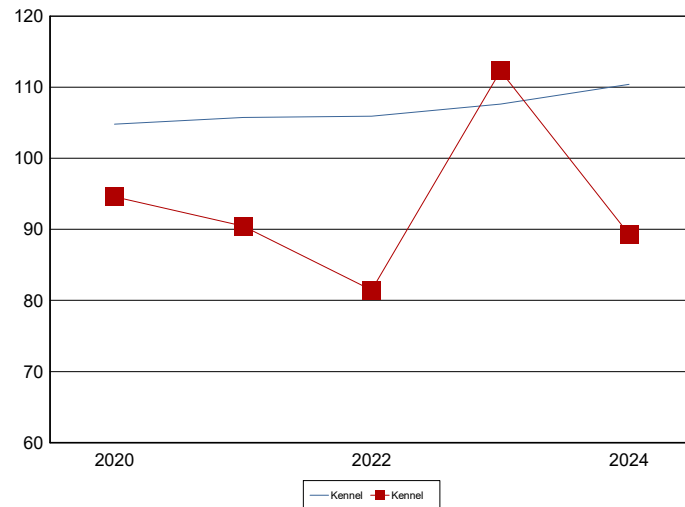


Hind Quarter

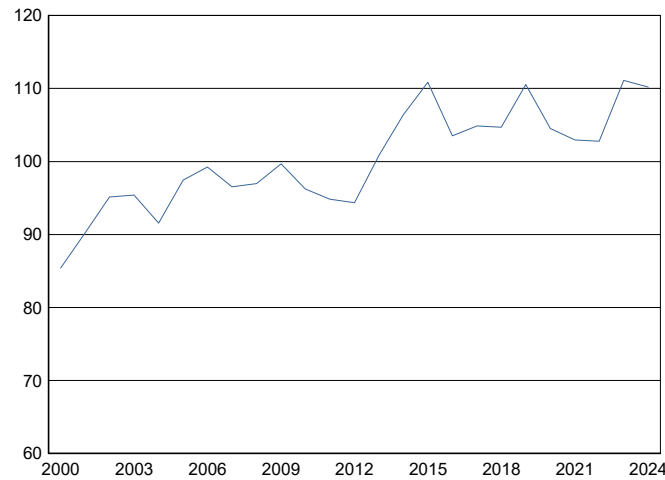


Final Score & Health Traits

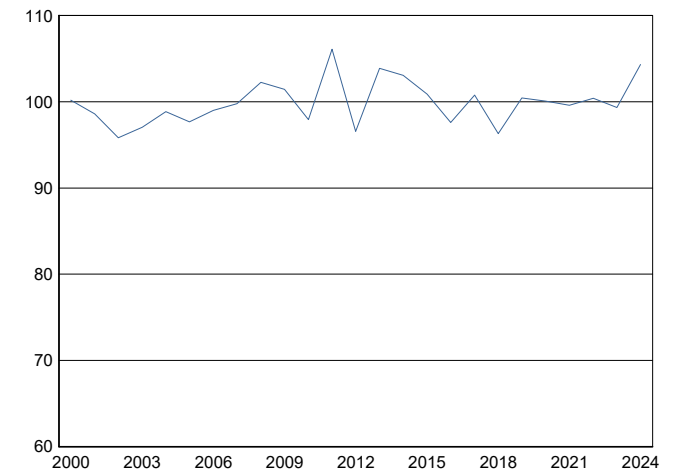
Final Score



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	
JOSMOT KENDU		LA RIVIERA NTOMBO	15.47	91	107	89	68	100	110	113	92	102	107	103	99	5	2				
	2022	JOSMOT NASHA		5	5	5	47	12	64	46	63	48	50	53	58						
DOSHER AKEEM		JOSMOT SPYKE	10.87	88	103	100	82	113	100	119	121	125	124	106	118						
	2023	DOSHER BELLA		5	5	5	36	5	56	35	54	37	40	43	49						
DOSHER DIESEL		JOSMOT KENDU	16.24	90	105	98	78	99	101	109	93	100	101	97	95						
	2024	DOSHER BELLA		5	5	5	18	5	35	17	35	19	22	25	30						
BOELA DELMA SCOOPY		DELAKLERK ENZO	6.54	94	106	97	111	92	73	85	89	92	103	104	93						
	2025	MAJALI DIVA		5	5	5	26	5	43	26	42	27	30	32	37						
DOSHER KYLIAMBVI		JOSMOT KENDU	16.21	89	105	94	81	105	103	113	99	107	110	102	103						
	2025	DOSHER PEPPA		5	5	5	18	5	36	16	35	19	22	25	30						

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	
BOSTU SHENZI	2019	TARGUS RAM	10.75	73	106	91	114	105	102	94	96	98	103	105	102	10	2	3			1
		BOSTU MOLLY		5	9	40	57	34	70	56	69	57	59	61	65			3			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
DOSHER BELLA	2021	GLASGOW BONZO	19.71	90	102	107	88	99	92	104	94	97	96	90	92	10	3	3			1
		STEPHANO ZIVA		5	5	5	34	5	55	33	54	35	38	42	48			2			1
DOSHER KYARA	2021	GLASGOW BONZO	12.56	91	100	85	93	98	83	99	104	99	103	94	98	1	1	1			
		ALEXANDER BBD MISS DORA		5	5	5	40	5	59	40	58	41	44	47	53			1			
DOSHER LYLA	2023	JOSMOT SPYKE	10.87	88	103	100	88	108	103	110	107	114	114	103	109						
		DOSHER BELLA		5	5	5	27	5	43	26	42	28	30	33	38						
DOSHER PEPPA	2023	JOSMOT SPYKE	10.87	88	103	100	93	109	96	112	107	112	113	101	107	3	1				
		DOSHER BELLA		5	5	5	36	5	56	35	54	37	40	43	49						
DOSHER LUA	2024	DOSHER BOOKER	24.53	85	101	87	105	94	82	83	91	88	92	94	89						
		DOSHER KYARA		5	5	5	18	5	49	16	48	20	25	31	40						
DOSHER DOLLIE	2024	JOSMOT KENDU	16.24	90	105	98	78	99	101	109	93	100	101	97	95						
		DOSHER BELLA		5	5	5	18	5	35	17	35	19	22	25	30						
DOSHER RAYA	2025	JOSMOT KENDU	16.21	89	105	94	81	105	103	113	99	107	110	102	103						
		DOSHER PEPPA		5	5	5	18	5	36	16	35	19	22	25	30						

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	with litters
LA RIVIERA NTOMBO	2016	CABARET CRUISER	15.47	88	109	86	70	97	96	111	89	98	101	105	95	25	3			3
		JOSMOT STORM		5	5	7	51	19	67	50	66	52	54	57	62					1
TARGUS RAM	2017	SPITSVUUR BBD TOKARA DRIFTER	11.20	57	129	70	99	99	82	105	100	100	111	91	98	269	46	77	3	44
		TARGUS RINA		14	30	60	82	62	90	82	90	83	84	85	88					14
ELDORADO BBD MAGNUM	2017	CABARET SON OF A GUN	10.00	94	96	68	88	113	60	110	103	101	114	109	103	15	3	5		1
		ELEVATION MAYBE		5	10	45	62	42	75	62	74	63	65	67	71					1
GLASGOW BONZO	2018	ABSOLUTE BOOKER	14.05	85	97	90	83	96	75	92	85	86	90	86	82	23	4	8		4
		ALEXANDER BBD EVELYN		5	5	5	46	5	66	46	65	48	50	53	59					2
DELAKLERK ENZO	2020	VILLA ROUGE GOLIAT	12.20	94	108	100	120	92	82	78	94	93	105	102	96	81	12	6		3
		DELAKLERK LUNA		5	5	15	52	14	70	51	69	53	55	58	64					2
JOSMOT SPYKE	2021	MES HITLER BLAKE	9.37	86	103	92	87	118	114	116	120	131	133	116	125	56	12	15		4
		JOSMOT KOOLKAT 2		5	5	22	55	28	72	54	71	56	59	61	66					3
DOSHER BOOKER	2021	GLASGOW BONZO	12.60	79	102	90	104	96	83	83	79	83	89	95	84	13	3	3		1
		BOSTU SHENZI		5	5	5	37	5	53	36	52	37	40	42	47					1
JOSMOT KENDU	2022	LA RIVIERA NTOMBO	15.47	91	107	89	68	100	110	113	92	102	107	103	99	5	2			
		JOSMOT NASHA		5	5	5	47	12	64	46	63	48	50	53	58					

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	
BOSTU LIANIE	2017	AFRIKA SAKABUKA	8.30	100	110	100	92	84	79	102	89	89	100	93	89	21	2	11			7
		BOSTU KIRRA		17	29	52	64	41	77	64	77	65	67	69	73			10			1
BOSTU MOLLY	2018	MES RUBENSTEIN	10.81	89	84	97	114	111	112	97	96	99	100	109	104	14	2	4			4
		BOSTU KIRRA		23	37	52	63	42	75	62	75	63	65	67	71			4	1	1	1
STEPHANO ZIVA	2019	STEPHANO CARRERAS	26.59	95	108	124	96	98	94	103	83	95	96	93	89	16	2	3			1
		STEPHANO ANNABELLE		5	5	5	45	5	65	44	63	46	49	52	58			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
JOSMOT NASHA	2020	TARGUS BOM BOEL	7.35	94	106	92	70	105	87	109	101	110	116	101	102	17	2	7			6
		TREBLA MINNIE		5	5	43	61	37	75	60	74	62	64	66	71			6			1
DOSHER BELLA	2021	GLASGOW BONZO	19.71	90	102	107	88	99	92	104	94	97	96	90	92	10	3	3			1
		STEPHANO ZIVA		5	5	5	34	5	55	33	54	35	38	42	48			2			1
DOSHER KYARA	2021	GLASGOW BONZO	12.56	91	100	85	93	98	83	99	104	99	103	94	98	1	1	1			
		ALEXANDER BBD MISS DORA		5	5	5	40	5	59	40	58	41	44	47	53			1			
MAJALI DIVA	2023	MAJALI MATHYS	5.64	95	104	93	102	92	65	93	84	90	101	105	89	11	1				
		RANGER DAISY		5	5	17	41	8	60	40	59	42	45	48	54						
DOSHER PEPPA	2023	JOSMOT SPYKE	10.87	88	103	100	93	109	96	112	107	112	113	101	107	3	1				
		DOSHER BELLA		5	5	5	36	5	56	35	54	37	40	43	49						

