

Boerboel Genetic Evaluation

SA Stud Book
February 2026

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9619 PERCH DR.
ST LOUIS
MO 63136
USA



Kennel Number: 688323



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.

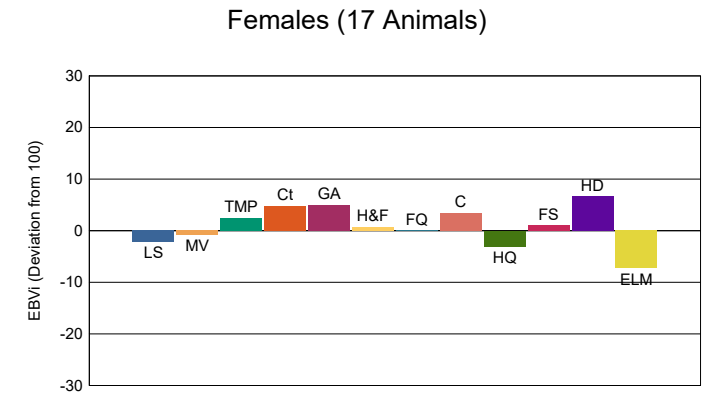
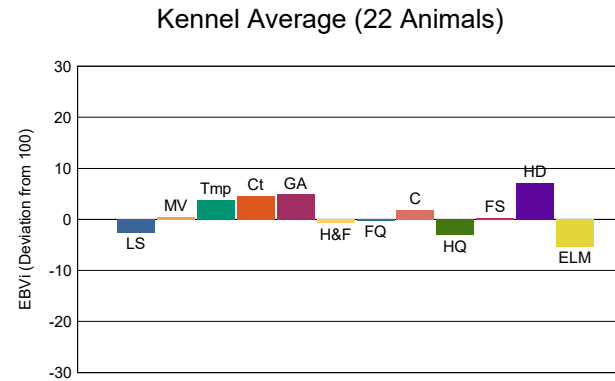
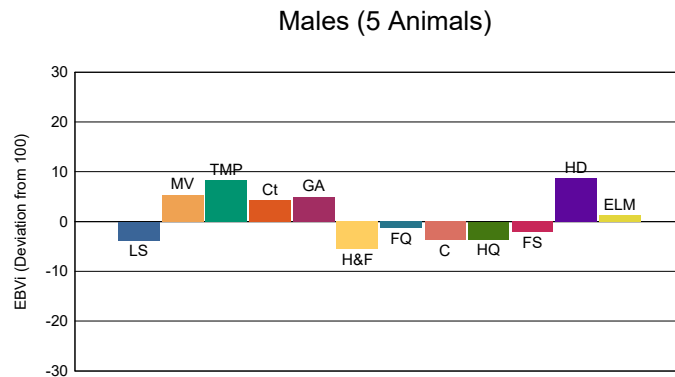
Genetic Trends: The Genetic Trends indicate the genetic change that occurred over time in the animals bred by the breeder compared to that of the breed. These are calculated as the average of the breeding values of all measured animals bred by the breeder, per year of birth.

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)	97	96	98
Movement (Mv)	101	105	99
Temperament (Tmp)	104	108	102
Coat (Ct)	105	104	105
General Appearance	105	105	105
Head & Face (H&F)	99	95	101
Front Quarter (FQ)	100	99	100
Centre (C)	102	96	103
Hind Quarter (HQ)	97	96	97
Final Score (FS)	100	98	101
Hip Health (HH)	107	109	107
Elbow Health (ELM)	95	101	93

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.

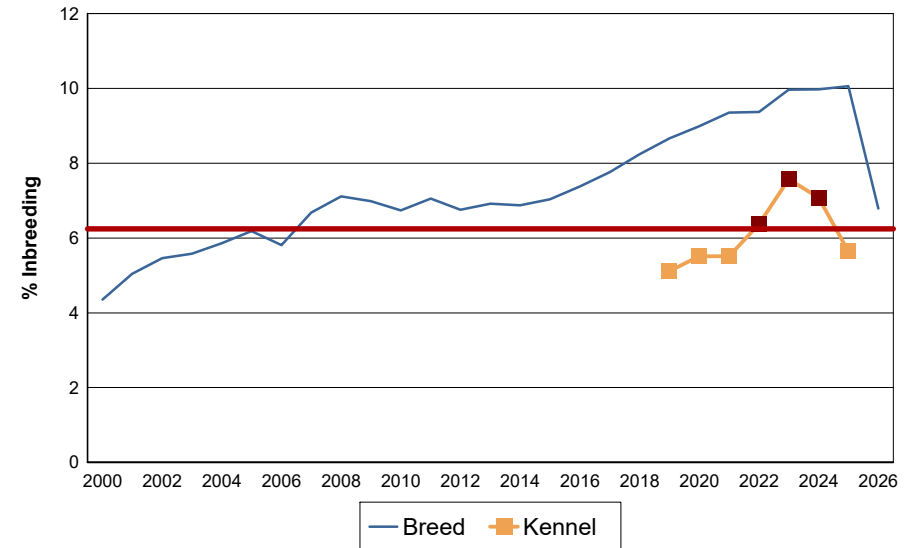
It is therefore highly recommended to record pedigree information as accurately. Inbreeding is dependent on pedigree information. Conventional methods for the calculation of inbreeding coefficients usually assume that unknown parents are unrelated, which is usually far from the truth. Inbreeding coefficients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

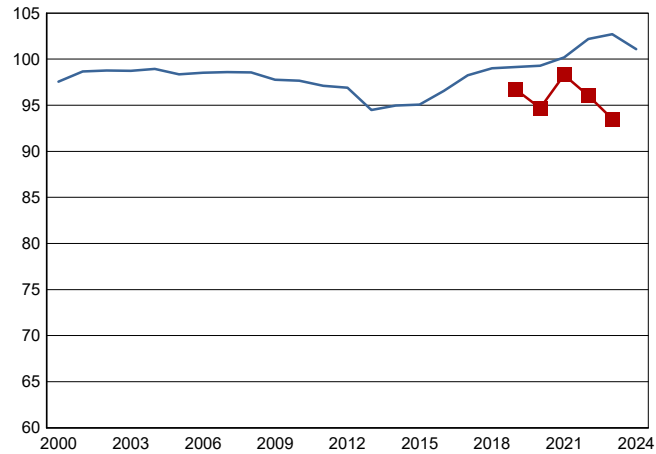


Inbreeding Levels

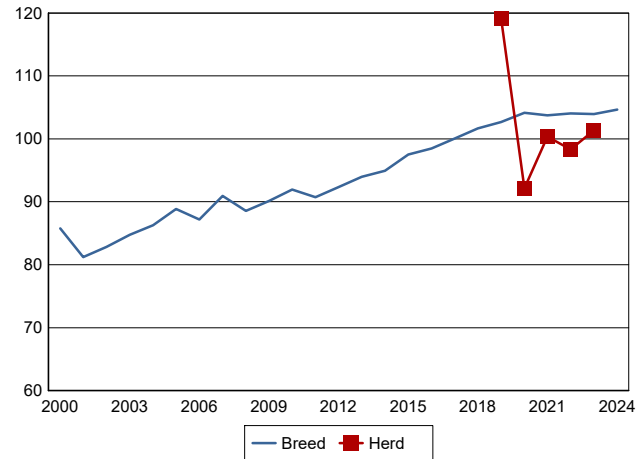
	All Animals		Males		Females		Sires		Dams	
	Kennel	Breed	Kennel	Breed	Kennel	Breed	Kennel	Breed	Kennel	Breed
Number	22	49007	5	25141	17	23857	13	3371	10	6287
Average Inbreeding	6.70	8.49	7.77	8.46	6.39	8.53	8.50	8.01	8.76	8.00
Number inbred	22	48727	5	24990	17	23728	13	24990	10	23728
Number >6.25% Inbr.	7	30600	2	15537	5	15058	7	15537	6	15058

Genetic Trends

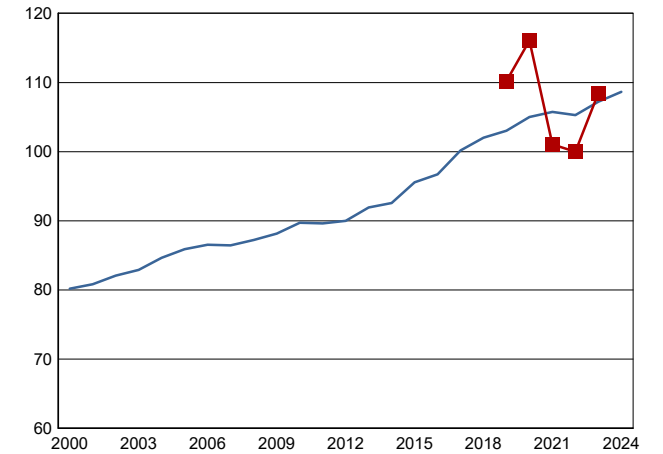
Litter Size



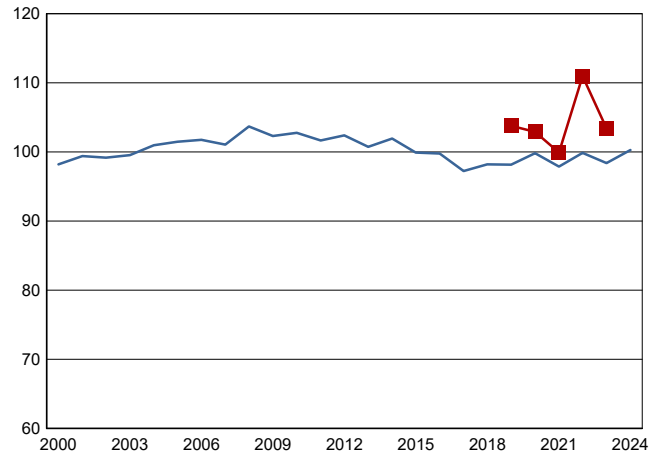
Movement



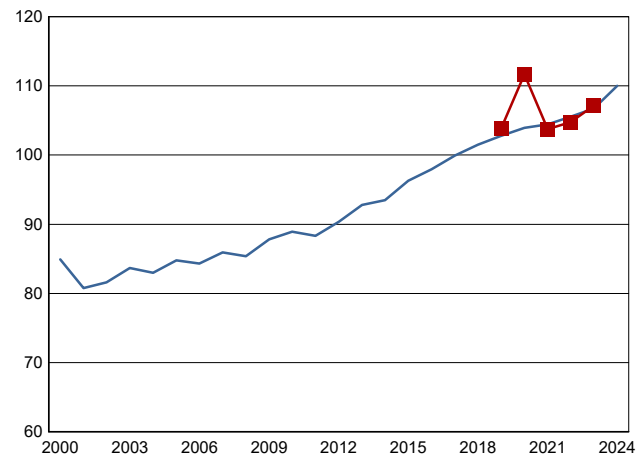
Temperament



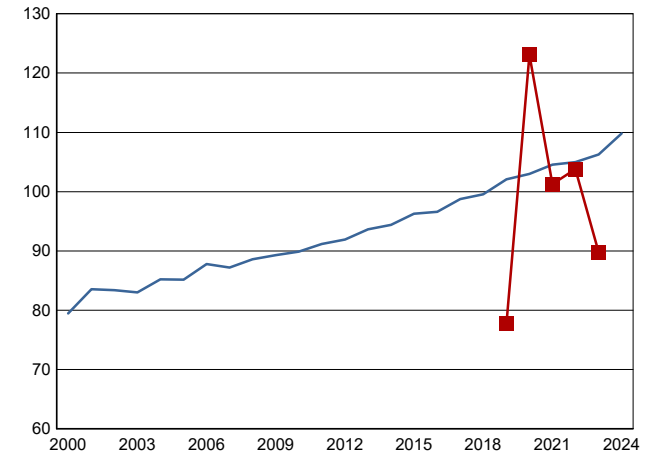
Coat



General Appearance

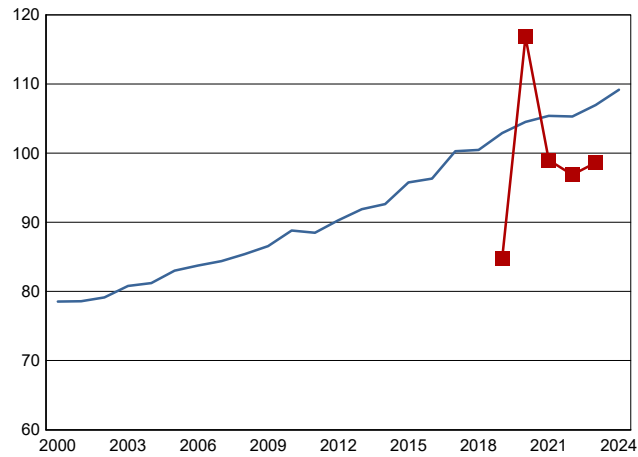


Head & Face

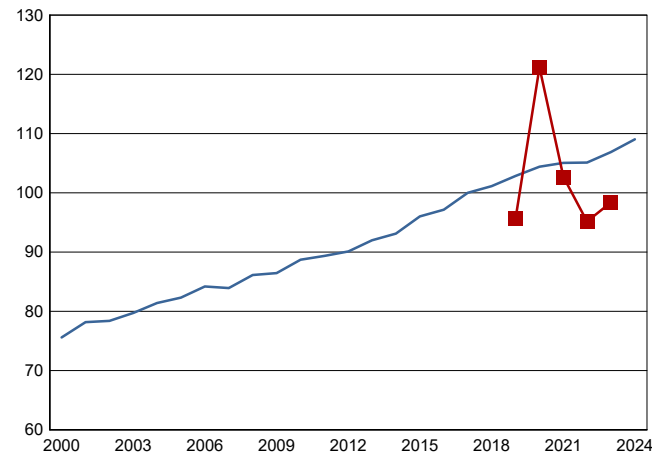


Genetic Trends

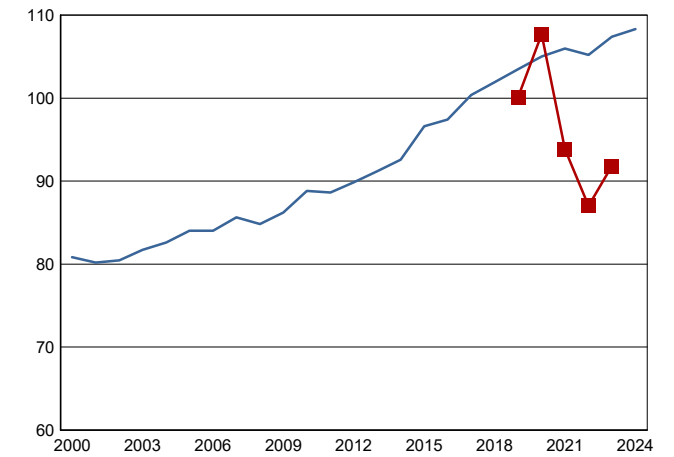
Front Quarter



Centre

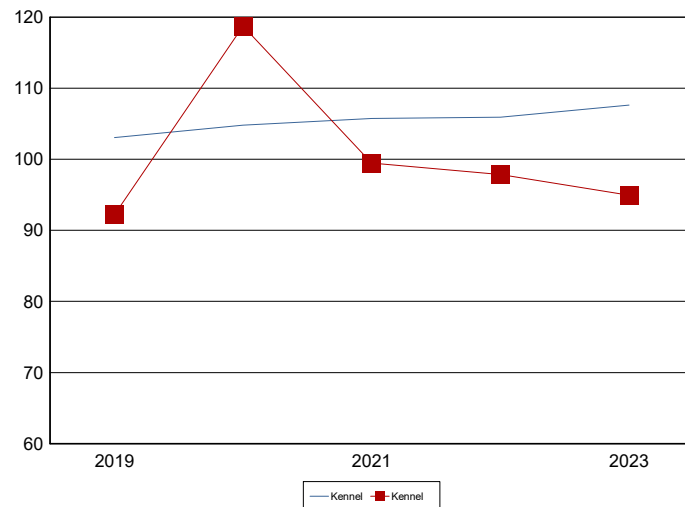


Hind Quarter

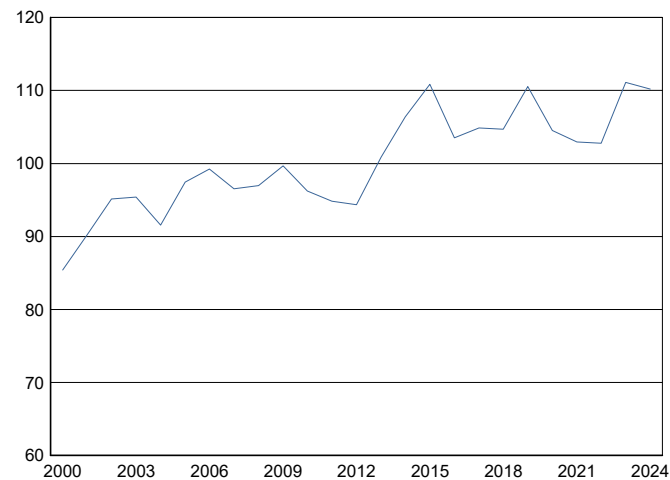


Final Score & Health Traits

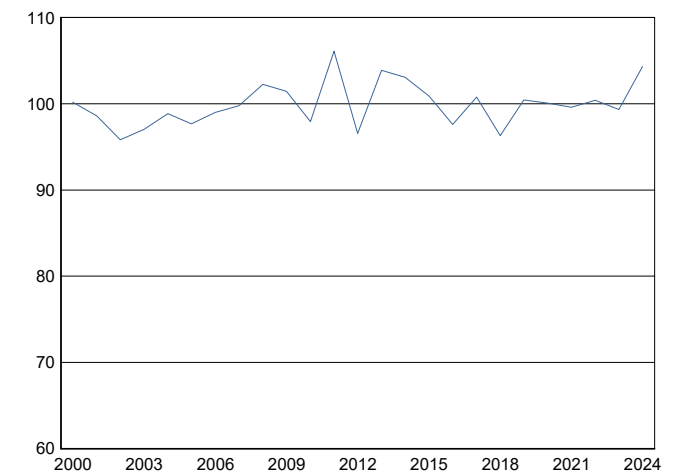
Final Score



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	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	
DELATRO ELIJA	2018	RAINAISANCE BIEBER	5.00	96	97	95	108	107	107	109	114	105	104	113	113	21	4	6			2
		RAINAISANCE JENNIFER LOPEZ		5	5	5	51	21	69	51	68	52	55	58	63			5			2
TOP TIER USO	2019	BIG SKY BBD MAGNUS	5.11	95	104	97	123	112	107	102	72	82	92	100	90	6	2	1			
		NOBLE LADY ANNIE		5	5	5	41	5	60	40	59	42	44	47	53			1			
DYNASTY RAFIKI	2021	MIDDELPOS BBD GAMKA	14.72	125	109	93	96	121	103	115	115	118	103	93	109	42	5	14			4
		JAMBAL ZAYA		5	5	32	63	38	76	62	76	63	65	68	72			11			1
TOP TIER ARROW	2023	DYNASTY RAFIKI	6.05	108	102	97	103	109	86	97	86	102	97	91	91						
		TOP TIER HARLEY		5	5	5	42	10	59	41	58	43	45	48	53						
TOP TIER HAZEL	2024	POWELL CAIRO	7.98	118	95	99	97	92	118	101	85	87	86	85	87						
		TREBLA KAYLA		5	5	5	28	5	40	28	39	29	31	33	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	
TREBLA KAYLA	2019	MAWEZA DISSELBOOM	10.18	107	91	112	75	80	112	90	83	86	74	76	77	14	3	2			
		TREBLA JASMYN		5	5	25	56	31	71	56	70	57	59	62	66			2			
POWELL AFRIKA	2020	ELEVATION PEPSI	6.10	130	98	87	120	105	134	117	84	87	99	96	98	20	3	6			
		BIG SKY BBD ZINA		5	15	16	51	26	68	51	67	52	55	57	62			5			
TOP TIER MARIAH	2020	ELEVATION COOPER	5.51	104	76	95	100	118	98	115	119	115	118	108	117						
		PADIACHY VIOLET		8	24	33	45	27	55	45	54	46	47	49	52						
TOP TIER MAZIKEEN	2020	ELEVATION COOPER	5.51	104	76	95	85	114	108	108	128	119	124	108	121	3	1				
		PADIACHY VIOLET		8	24	33	52	31	66	51	65	52	54	56	61						
TOP TIER AMINA	2020	ELEVATION COOPER	5.51	104	76	95	100	118	98	115	119	115	118	108	117						
		PADIACHY VIOLET		8	24	33	45	27	55	45	54	46	47	49	52						
TOP TIER HARLEY	2021	BARBARIAN BAGHEERA	5.10	92	95	101	97		75	94	79	89	102	88	84	20	2	2			
		PADIACHY VIOLET		5	5	5	41		60	41	59	42	45	48	54			2			
TOP TIER ZURI	2021	DELATRO ELIJA	5.50	102	94	103	92	93	110	100	98	95	89	95	95						
		TREBLA KAYLA		5	5	5	34	5	47	34	47	35	37	39	43						
TOP TIER ULTRA VIOLET	2022	DELATRO ELIJA	7.00	96	95	93	98	105	104	107	115	105	108	102	109						
		PADIACHY VIOLET		5	5	5	30	5	45	30	45	31	34	36	41						
TOP TIER GAGE DIOR	2022	TOP TIER GHOST	5.71	116	104	93	106	107	105	111	110	103	107	97	107						
		POWELL AFRIKA		5	5	5	31	5	45	30	44	32	34	36	41						
TOP TIER ISSS	2022	TOP TIER GHOST	5.71	116	104	93	104	105	116	115	121	106	104	88	109						
		POWELL AFRIKA		5	5	5	42	6	61	41	60	43	45	48	54						
BLITZKRIEG RYLEE	2022	BLACK IRON ROGAN	8.33	110	104	98	102	98	113	114	120	115	118	107	117						
		BLITZKRIEG SARAH		5	5	5	30	5	50	29	49	31	34	37	43						

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	
TOP TIER SADIE		POWELL CAIRO	7.98	118	95	99	97	92	118	101	85	87	86	85	87						
	2024	TREBLA KAYLA		5	5	5	28	5	40	28	39	29	31	33	36						
TOP TIER AMINA 2		POWELL CAIRO	7.98	118	95	99	97	92	118	101	85	87	86	85	87						
	2024	TREBLA KAYLA		5	5	5	28	5	40	28	39	29	31	33	36						
TOP TIER KHALEESI		ALEXANDER BBD RUBEN	5.64	100	93	100	104	105	93		92	98	106	102	98						
	2025	TOP TIER HARLEY		5	5	5	25	5	39		39	26	28	30	35						
TOP TIER HANNAH		ALEXANDER BBD RUBEN	5.64	100	93	100	104	105	93		92	98	106	102	98						
	2025	TOP TIER HARLEY		5	5	5	25	5	39		39	26	28	30	35						
TOP TIER PRETTY GIRL		ALEXANDER BBD RUBEN	5.64	100	93	100	104	105	93		92	98	106	102	98						
	2025	TOP TIER HARLEY		5	5	5	25	5	39		39	26	28	30	35						
TOP TIER BIG GIRL		ALEXANDER BBD RUBEN	5.64	100	93	100	104	105	93		92	98	106	102	98						
	2025	TOP TIER HARLEY		5	5	5	25	5	39		39	26	28	30	35						

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	
RAINAISANCE BIEBER		JACOB JAKE	2.59	90	95	95	98	97	107	100	93	90	89	99	94	4	1	3		2	
	2013	BOSVLEI WINNIE		5	5	10	39	9	54	38	53	40	42	44	49		3			1	
ELEVATION PEPSI		MIDDELPOS BBD IMPI	7.81	158	100	74	116	111	116	119	108	99	111	95	109	98	19	36	4	4	19
	2015	ELEVATION ZOEY		45	58	51	76	54	86	75	85	76	78	79	83		32			8	
ELEVATION COOPER		GROENBERG BBD RAMBO	4.48	112	60	98	111	134	95	126	121	125	124	125	127	127	21	52	10	10	37
	2015	HAZENJACHT BBD FIELLA		56	68	70	81	64	89	81	89	82	83	84	87		39			7	
MAWEZA DISSELBOOM		MIDDELPOS BBD TANKWA	5.80	109	92	123	113	105	103	90	78	98	97	113	96	51	8	22	1	1	15
	2016	SPITSVUUR BBD DIBI		5	9	39	69	45	81	69	80	70	72	74	77		18			2	
BIG SKY BBD MAGNUS		ROOIBOS GRETCHEN'S TRUE TORO (TONY)	8.81	101	97	102	129	107	124	111	77	75	87	87	88	57	8	19			7
	2016	ROCKING H MAYAS PERFECT STORM ZIVA		5	5	5	51	20	69	50	68	52	55	58	63		14			2	
MIDDELPOS BBD GAMKA		AFRIKA LEO 5	18.20	138	139	100	78	117	89	106	133	133	109	106	118	137	29	57	5	6	38
	2017	MIDDELPOS BBD DIXIE		34	50	56	81	60	89	80	89	81	83	84	87		42			9	
TOP TIER GHOST		STL TUFF	5.65	102	110	99	92	110	76	106	136	119	115	98	116	19	2	8			3
	2017	NOBLE LADY ANNIE		5	5	10	48	18	66	47	65	49	51	54	60		8			1	
BARBARIAN BAGHEERA		MOUNT ROYAL BBD CUDA	6.30	88	98	110	118	93	92	86	84	94	100	98	92	32	4	9			4
	2018	BARBARIAN MINNIE		5	5	21	43	7	59	42	58	44	46	49	54		9			3	
DELATRO ELIJA		RAINAISANCE BIEBER	5.00	96	97	95	108	107	107	109	114	105	104	113	113	21	4	6			2
	2018	RAINAISANCE JENNIFER LOPEZ		5	5	5	51	21	69	51	68	52	55	58	63		5			2	
POWELL CAIRO		ELEVATION PEPSI	6.10	130	98	87	118	104	124	112	88	88	99	94	97	4	1				
	2020	BIG SKY BBD ZINA		5	15	16	40	17	50	39	49	40	42	43	47						
BLACK IRON ROGAN		KLEIN SANDFONTEIN JUDGE	15.10	116	102	96	96	107	99	119	119	127	119	107	116	26	4	7			2
	2020	KLEIN SANDFONTEIN BILHAH		5	5	23	50	24	65	50	64	51	53	55	60		6			1	

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		
DYNASTY RAFIKI		MIDDELPOS BBD GAMKA	14.72	125	109	93	96	121	103	115	115	118	103	93	109	42 5	14		4		
	2021	JAMBAL ZAYA		5	5	32	63	38	76	62	76	63	65	68	72					11	
ALEXANDER BBD RUBEN		KLEIN WITWAL BBD UNO	9.93	107	91	99	110	116	111	103	104	108	111	117	113	11 1					
	2021	QUREDU ROXY		5	5	19	45	20	60	45	59	46	48	50	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	
RAINAISANCE JENNIFER LOPEZ	2015	DELATRO OPTIMUM	5.16	103	98	97	120	103	114	101	101	104	108	115	110	7	1	5			3
		MIDDELPOS BBD FIELA		5	5	28	60	32	75	59	74	61	63	65	70			5			1
NOBLE LADY ANNIE	2016	ELDORADO BBD GUNNER	11.48	90	112	91	103	110	77	100	89	101	112	114	101	8		4			2
		TOKARA NOBLE KATANA		5	5	19	44	17	60	43	59	45	47	49	55			2			2
BIG SKY BBD ZINA	2016	ROOIBOS GRETCHEN'S TRUE TORO (TONY)	8.81	101	97	100	120	97	131	105	67	78	86	92	85	27	2	7			3
		ROCKING H MAYAS PERFECT STORM ZIVA		5	5	5	38	5	55	37	54	39	41	44	49			6			1
JAMBAL ZAYA	2016	ELEVATION RED I	17.67	112	79	95	125	126	123	118	109	120	112	105	117	7	1	2			2
		LOTTER SISI		5	5	41	55	33	68	55	67	56	58	60	64			2			1
PADIACHY VIOLET	2017	RAINAISANCE ROMEO	4.93	95	93	92	89	102	101	105	116	104	112	90	106	21	3	7			4
		BASTIAN LUCY I		5	5	26	53	24	70	53	69	54	57	59	65			6			2
TREBLA JASMYN	2017	TREBLA BOETMAN	7.48	105	90	84	73	96	84	105	113	112	108	90	101	19	3	12	1	1	7
		MES LILLA		5	5	43	62	36	77	61	76	63	65	67	72			11			2
TREBLA KAYLA	2019	MAWEZA DISSELBOOM	10.18	107	91	112	75	80	112	90	83	86	74	76	77	14	3	2			
		TREBLA JASMYN		5	5	25	56	31	71	56	70	57	59	62	66			2			
POWELL AFRIKA	2020	ELEVATION PEPSI	6.10	130	98	87	120	105	134	117	84	87	99	96	98	20	3	6			
		BIG SKY BBD ZINA		5	15	16	51	26	68	51	67	52	55	57	62			5			
BLITZKRIEG SARAH	2020	BALKAN ZIKO	10.73	104	106	101	104	86	119	104	118	97	109	93	107	26	4	7			2
		GOLDEN STATE 24 KARAT		5	5	5	32	5	55	32	54	34	37	40	47			6			1
TOP TIER HARLEY	2021	BARBARIAN BAGHEERA	5.10	92	95	101	97		75	94	79	89	102	88	84	20	2	2			
		PADIACHY VIOLET		5	5	5	41		60	41	59	42	45	48	54			2			

