

Boerboel Genetic Evaluation

SA Stud Book
February 2026

MR A.M. DAMON

38 Aimee Road
BISHOP LAVIS
CAPE TOWN
7490



Kennel Number: 662807



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.

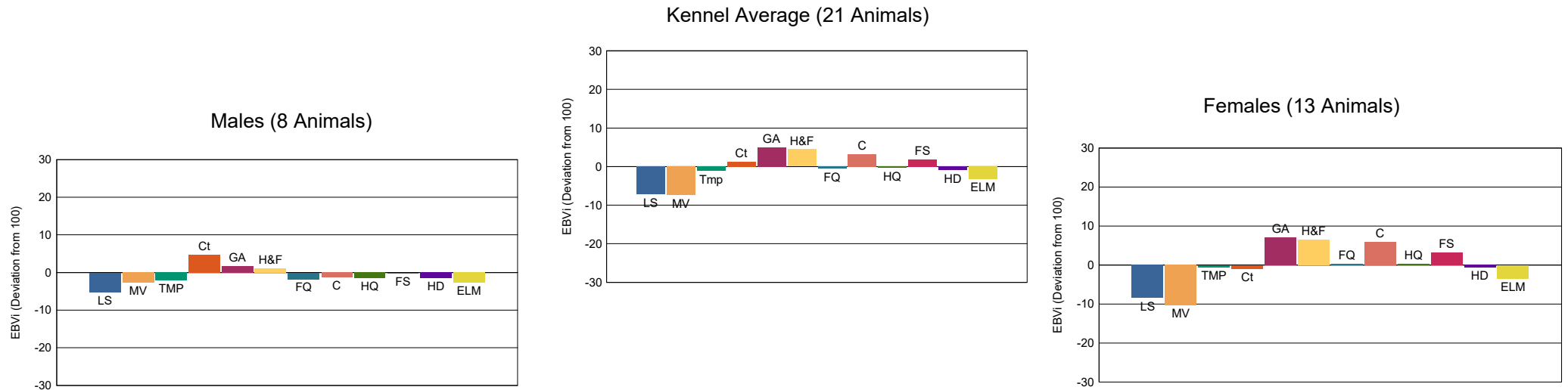
Genetic Trends: The Genetic Trends indicate the genetic change that occurred over time in the animals bred by the breeder compared to that of the breed. These are calculated as the average of the breeding values of all measured animals bred by the breeder, per year of birth.

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)	93	95	92
Movement (Mv)	93	97	90
Temperament (Tmp)	99	98	99
Coat (Ct)	101	105	99
General Appearance	105	102	107
Head & Face (H&F)	104	101	107
Front Quarter (FQ)	99	98	100
Centre (C)	103	99	106
Hind Quarter (HQ)	100	98	100
Final Score (FS)	102	100	103
Hip Health (HH)	99	99	99
Elbow Health (ELM)	97	97	97

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.

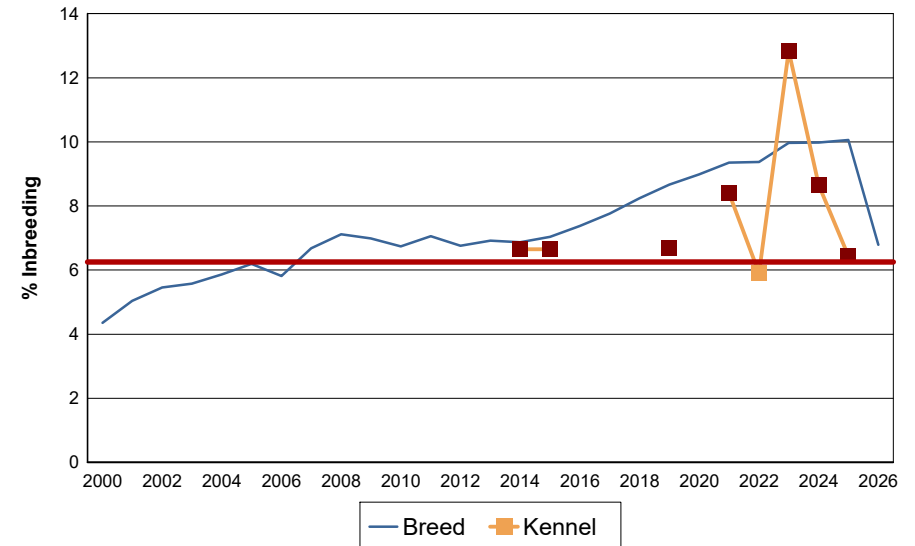
It is therefore highly recommended to record pedigree information as accurately. Inbreeding is dependent on pedigree information. Conventional methods for the calculation of inbreeding coefficients usually assume that unknown parents are unrelated, which is usually far from the truth. Inbreeding coefficients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

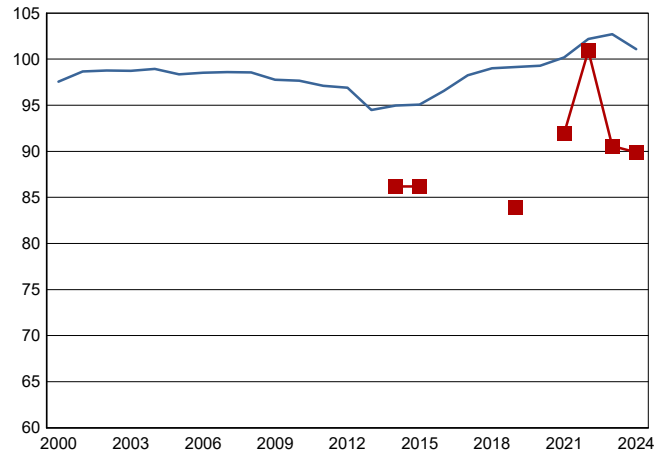


Inbreeding Levels

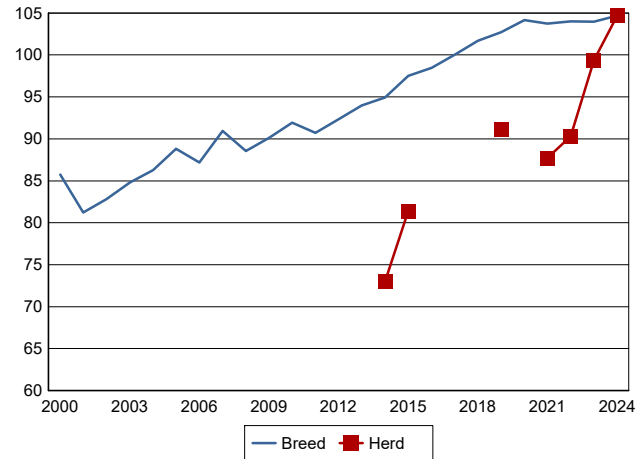
	All Animals		Males		Females		Sires		Dams	
	Kennel	Breed	Kennel	Breed	Kennel	Breed	Kennel	Breed	Kennel	Breed
Number	21	49007	8	25141	13	23857	12	3371	11	6287
Average Inbreeding	6.30	8.49	5.51	8.46	6.79	8.53	8.49	8.01	6.64	8.00
Number inbred	21	48727	8	24990	13	23728	12	24990	11	23728
Number >6.25% Inbr.	11	30600	3	15537	8	15058	8	15537	5	15058

Genetic Trends

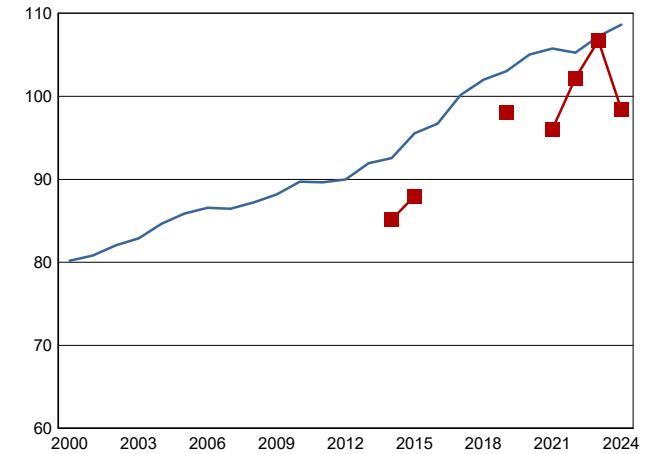
Litter Size



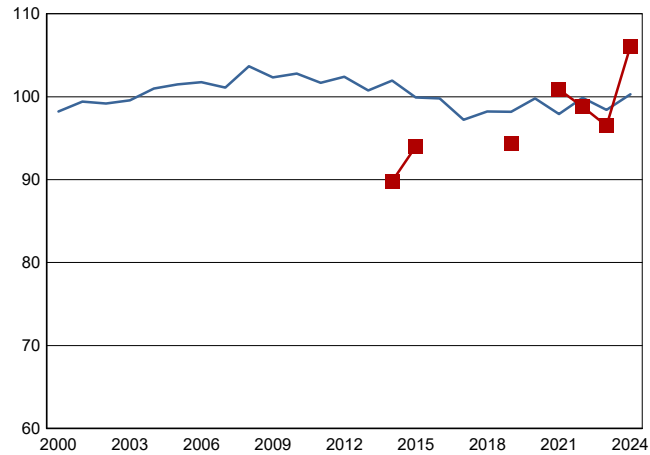
Movement



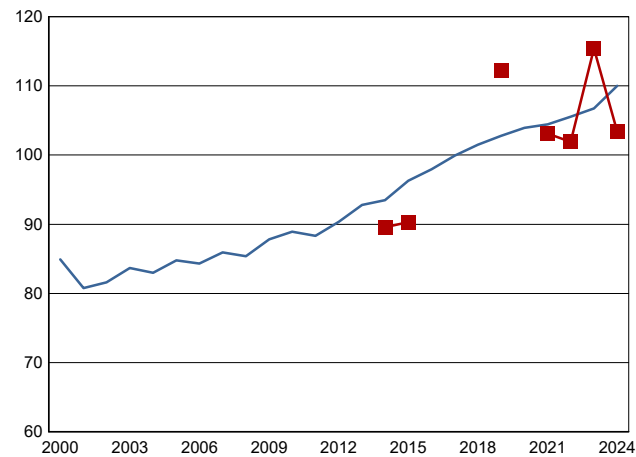
Temperament



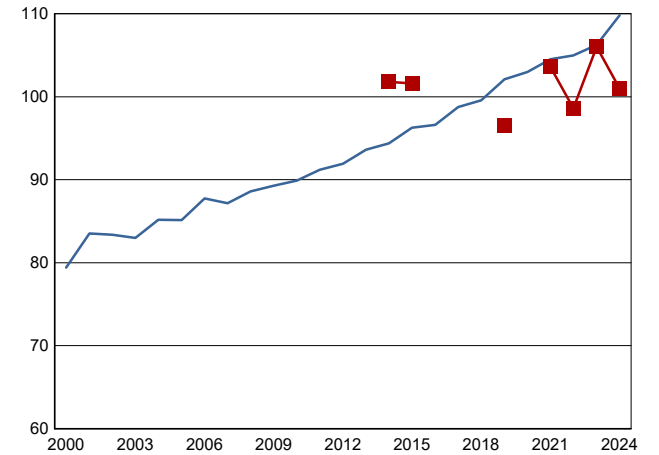
Coat



General Appearance

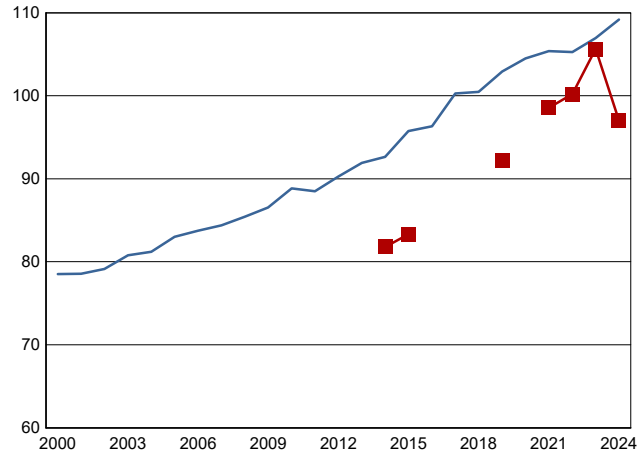


Head & Face

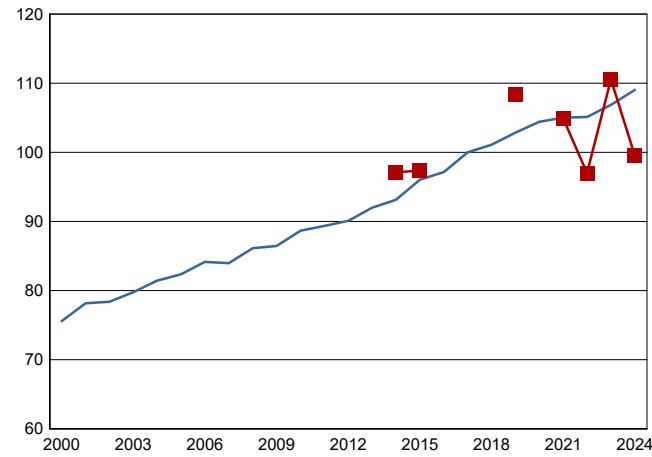


Genetic Trends

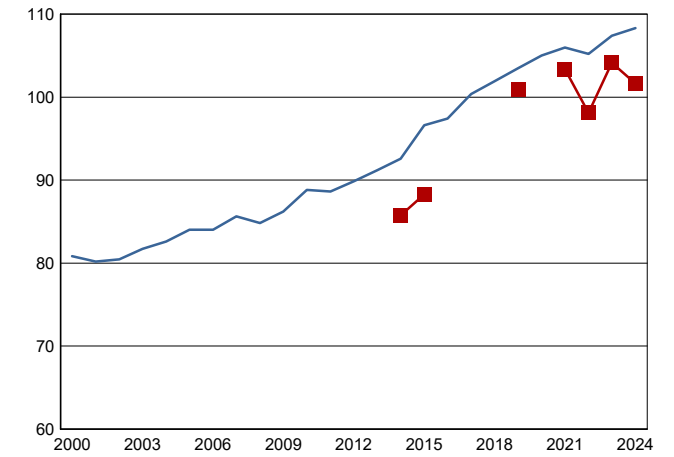
Front Quarter



Centre

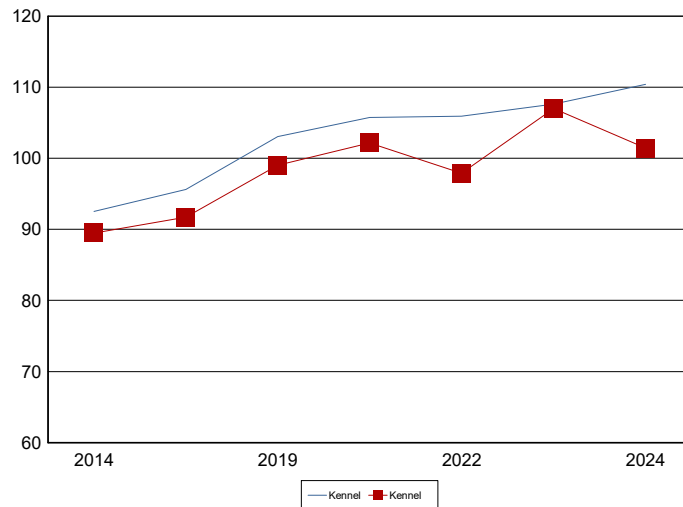


Hind Quarter

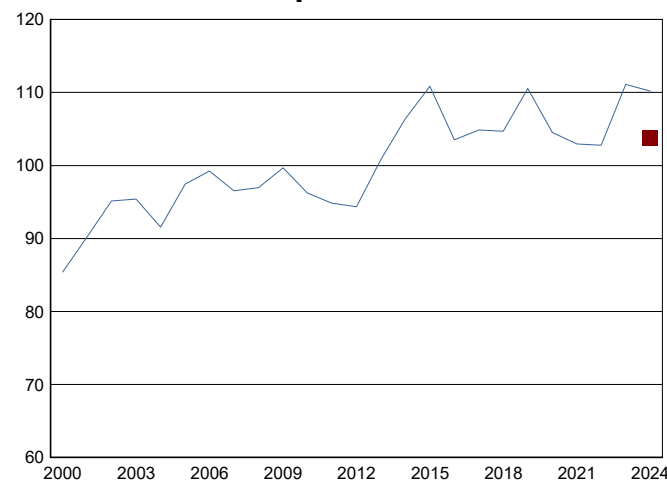


Final Score & Health Traits

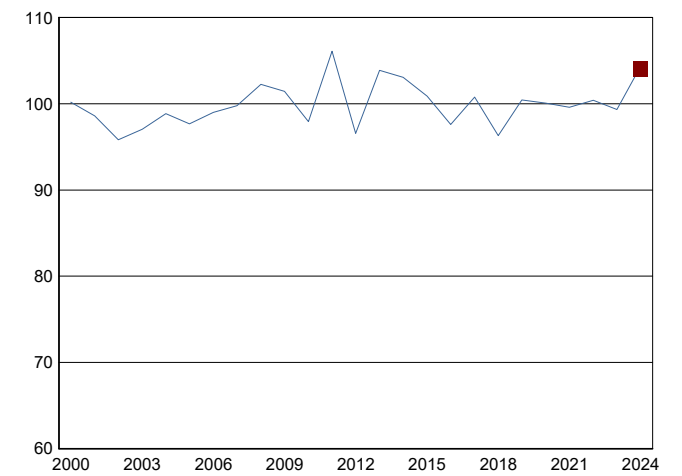
Final Score



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	Score			Kennels			
PIONEER LYLE	DELATRO DJANGO	5.30	101	103		82	95	95	115	115	102	116	99	107	12	4	2			2
	SPARTACUS XENA		5	5		48	18	66	48	65	49	52	54	60			1			1
RYGA DROGO	WESTPOINT DROGO	6.47	97	97	87	80	84	137	104	103	94	97	97	100						
	PIONEER AURORA		5	5	5	41	5	61	41	60	42	45	48	54						
RYGA BAILEY	RAINAISANCE CODY	4.87	97	93	99	95	100	98	98	94	96	96	97	95						
	JACOB ELSA		5	5	5	30	5	42	29	41	30	32	34	38						
RYGA ZIGGY	RAINAISANCE CODY	4.87	97	93	99	95	100	98	98	94	96	96	97	95						
	JACOB ELSA		5	5	5	30	5	42	29	41	30	32	34	38						
RYGA CODY	RAINAISANCE CODY	4.87	97	93	99	95	100	98	98	94	96	96	97	95						
	JACOB ELSA		5	5	5	30	5	42	29	41	30	32	34	38						
BASTIAN RANGER	RAINAISANCE COMMANDO	4.46	94	94	101	126	98	98	81	98	95	87	102	98						
	LEGRA GRACE		5	5	5	46	12	65	46	64	47	50	53	59						
RYGA BARRACUDA	DELATRO JANO	6.60	104	103	93	103	103	108	110	105	103	102	99	104						
	RYGA QUINN		5	5	5	26	5	42	26	41	27	30	32	37						
RYGA FRANK	DELATRO JANO	6.60	104	103	93	103	103	108	110	105	103	102	99	104						
	RYGA QUINN		5	5	5	26	5	42	26	41	27	30	32	37						

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	
RYGA ZEETA		MIDDELPOS BBD VLADA	6.65	84	97	86	81	88	94	90	102	83	97	88	92						
	2015	SPARTACUS XENA		5	5	12	33	5	46	33	45	34	36	38	42						
MEGAZONE SHAKIRA		MES HUNTER	12.83	98	74	89	77	95	75	104	106	102	101	89	95	2	1				
	2017	LA BOELA XEENA		5	10	29	50	25	66	50	65	51	53	55	60						
PIONEER AURORA		DELATRO DJANGO	5.30	101	103	82	77	84	118	107	97	87	101	98	96	13	3	3			1
	2019	SPARTACUS XENA		5	5	18	47	17	65	47	64	48	51	53	59			3			1
RYGA NALA		DELATRO DJANGO	6.70	96	96	84	94	103	90	116	97	96	110	101	100	8	2	3			
	2019	RYGA ZIA		5	5	5	47	17	65	47	64	48	51	54	59			3			
G-FORCE RYGA GABRA CHAKA		KLOPDISSELBOOM KAROLIS	5.19	102	97		99	102	108	93	111	99	97	98	104						
	2020	G-FORCE STORM		5	5		33	5	45	33	45	34	36	38	42						
RYGA SOLO		PIONEER LYLE	5.07	98	98	96	98	105	88	98	101	104	112	111	105	22	3	2			
	2021	JACOB ELSA		5	5	5	40	5	60	39	59	41	44	47	53			2			
RYGA COCO CHANEL		PIONEER LYLE	7.96	101	105	94	102	114	84	127	131	116	126	112	123	12	1				
	2021	KLOPDISSELBOOM FIELA SE KIND		5	5	5	41	5	60	41	59	42	44	47	53						
RYGA NALA-BEKKER		WESTPOINT DROGO	6.47	97	97	87	79	88	123	107	102	96	102	98	100						
	2021	PIONEER AURORA		5	5	5	29	5	44	29	43	30	32	35	39						
RYGA QUINN		RAINAISANCE CODY	4.87	97	93	101	90	102	99	102	99	100	97	98	98	10	1				
	2022	JACOB ELSA		5	5	10	42	9	61	41	60	43	46	49	55						
RYGA STARLIGHT		KLOPDISSELBOOM TITAN	7.15	98	96	93	88	103	93	117	116	107	113	98	108						
	2022	RYGA NALA		5	5	5	28	5	44	28	43	29	32	34	39						
RYGA ZOETIS		PAMPOENKRAAL OREO HUGH BISCUIT	6.20	108	98	100	92	108	98	111	111	111	113	109	111						
	2023	RYGA SOLO		5	5	5	24	5	41	23	40	25	28	30	35						

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		Sire	%	Hips	Elbows	Litter Size	Move-ment	Tempe-rament	Coat	General Appear.	Head & Face	Front Quarter	Centre	Hind Quarter	Final Score	Progeny Litters	Progeny Kennels	Hips	Elbows		
	BYr	Dam		Acc.	Acc.	Acc.															
RYGA TOSKA		DELATRO JANO	6.60	104	103	93	103	103	108	110	105	103	102	99	104						
	2024	RYGA QUINN		5	5	5	26	5	42	26	41	27	30	32	37						
RYGA LUCY		PAMPOENKRAAL HERE COMES THE BOOM	7.32	109	99	95	86	98	112	110	109	102	106	104	107						
	2025	PIONEER AURORA		5	5	5	29	5	43	28	42	29	32	34	38						

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
MIDDELPOS BBD VLADA		ELEVATION ZULU	8.37	74	84	79	100	96	90	88	95	80	92	95	91	41	7	16			7
	2011	MIDDELPOS BBD ROXI		34	13	38	60	35	73	59	72	60	62	64	69			13			3
MES HUNTER		MIDDELPOS BBD ALPHA	6.05	73	49	92	83	103	73	100	115	116	112	106	108	19	3	4	1	1	4
	2015	MES LULU I		35	50	48	58	40	67	57	67	58	60	61	64			4			1
DELATRO DJANGO		CEPAH SIMSON	9.01	108	95	82	93	102	107	128	104	105	113	108	108	16	3	6			5
	2016	DELATRO ULTRA VIPER		5	5	25	59	34	73	58	72	60	62	64	68			4			2
KLOPDISSELBOOM KAROLIS		ALPHONSE ALDO	8.82	105	102	90	109	108	104	95	114	104	104	113	112	51	7	15			7
	2017	KLOPDISSELBOOM SAARTJIE BAARTMAN		5	5	26	61	35	76	61	75	62	64	67	71			15			5
PIONEER LYLE		DELATRO DJANGO	5.30	101	103		82	95	95	115	115	102	116	99	107	12	4	2			2
	2019	SPARTACUS XENA		5	5		48	18	66	48	65	49	52	54	60			1			1
KLOPDISSELBOOM TITAN		KLOPDISSELBOOM KAPTEIN	8.71	101	96	102	82	104	95	118	136	117	117	94	116	11	2	2			1
	2019	KLOPDISSELBOOM TARANGA		5	5	5	49	17	67	48	66	50	52	55	61			2			1
RAINAISANCE CODY		RAINAISANCE ROMEO	6.43	98	92	94	94	97	105	98	97	95	94	91	94	6	1	1			1
	2019	MIDDELPOS BBD FIELA		5	5	27	47	21	59	46	58	48	49	51	55			1			1
RAINAISANCE COMMANDO		KAMMO BBD VEKTOR	5.81	94	87	107	116	96	104	100	113	89	99	102	106	16	4	4			
	2019	BLUE PRINT OREO		5	5	24	58	31	74	57	73	58	61	63	68			4			
WESTPOINT DROGO		ZUKANDI ZUKO	4.77	93	91	93	82	91	128	107	106	104	103	99	104	11	2	9	1	1	4
	2019	ZOAR EVE		5	5	26	47	20	64	47	63	48	51	53	58			8			3
DELATRO JANO		DELATRO X'WINSLO	17.68	111	112	85	115	104	117	117	111	106	106	101	110	34	5	9	1	1	
	2020	DELATRO FEMKE		5	5	5	48	5	64	47	63	49	51	54	59			7			
PAMPOENKRAAL OREO HUGH BISCUIT		PAMPOENKRAAL PABLO ESCOBAR	11.01	118	97	104	86	112	107	123	122	118	114	107	117	16	2	2			
	2022	KLEIN SANDFONTEIN LISA MARI		5	24	13	46	16	64	46	63	47	50	52	58			2			

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	Sire BYr Dam	%	Hips Acc.	Elbows Acc.	Litter Size Acc.	Move- ment	Tempe- rament	Coat	General Appear.	Head & Face	Front Quarter	Hind Quarter	Final Score	Progeny Litters		Progeny Kennels	Hips	Elbows	
PAMPOENKRAAL HERE COMES THE MIDDELPOS BBD BRUCE ALMIGHTY BOOM		9.95	118	96	108	95	112	106	113	121	117	111	111	13	3				
	2023 KLEIN SANDFONTEIN LISA MARI		5	9	23	52	26	67	52	66	53	55	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-rament	Coat	General Appear.	Head & Face	Front Quarter	Centre	Hind Quarter	Final Score	Progeny	Litters	Progeny Kennels	Hips	Elbows	
SPARTACUS XENA	2012	SPITSVUUR BBD MUFASA	4.92	93	110	94	63	80	98	92	108	87	103	82	92	18	3	8			6
		WALSH STONEY		5	5	21	43	10	59	42	58	44	46	49	54			7			2
RYGA ZIA	2014	MIDDELPOS BBD VLADA	6.65	84	97	86	84	90	90	92	98	82	100	90	91	7	1	2			1
		SPARTACUS XENA		5	5	12	39	6	54	39	53	40	42	45	49			2			1
LA BOELA XEENA	2015	MIDDELPOS BBD MAXIMUS I	8.11	123	98	88	100	95	109	105	100	92	97	91	97	11	1	3	1	1	4
		MIDDELPOS BBD KEENA		13	25	44	60	40	72	60	71	61	63	64	68			3			1
JACOB ELSA	2016	JACOB BOB	2.96	95	94		96	102	91	98	92	97	98	103	96	11	3	4			3
		KLOPDISSELBOOM KATIE		5	5		47	20	62	46	61	48	50	53	57			3			1
G-FORCE STORM	2016	MIDDELPOS BBD MAL JAN	4.78	99	92	93	89	95	112	91	108	93	90	84	96	15	2	3			1
		RAINAISANCE TOSCA		5	5	25	40	14	55	40	54	41	43	45	50			3			1
LEGRA GRACE	2019	VOORSLAG BBD DJ	17.26	94	102	95	135	97	107	51	87	102	75	102	91	20	3	7	1	1	1
		VOORSLAG BBD ROMI		5	5	5	51	5	69	51	68	53	55	58	64			5			1
KLOPDISSELBOOM FIELA SE KIND	2019	ALPHONSE ALDO	6.45	101	108	100	109	112	94	108	112	110	113	113	113	4	1	1			1
		RAINAISANCE FIELA		5	5	31	52	26	68	52	67	53	55	58	63			1			1
PIONEER AURORA	2019	DELATRO DJANGO	5.30	101	103	82	77	84	118	107	97	87	101	98	96	13	3	3			1
		SPARTACUS XENA		5	5	18	47	17	65	47	64	48	51	53	59			3			1
RYGA NALA	2019	DELATRO DJANGO	6.70	96	96	84	94	103	90	116	97	96	110	101	100	8	2	3			
		RYGA ZIA		5	5	5	47	17	65	47	64	48	51	54	59			3			
RYGA SOLO	2021	PIONEER LYLE	5.07	98	98	96	98	105	88	98	101	104	112	111	105	22	3	2			
		JACOB ELSA		5	5	5	40	5	60	39	59	41	44	47	53			2			
RYGA QUINN	2022	RAINAISANCE CODY	4.87	97	93	101	90	102	99	102	99	100	97	98	98	10	1				
		JACOB ELSA		5	5	10	42	9	61	41	60	43	46	49	55						

