

Boerboel Genetic Evaluation

SA Stud Book

February 2026

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84 HYDRAE STR

REVESBY NSW

AUSTRALIA

2212



Kennel Number: 649817



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.

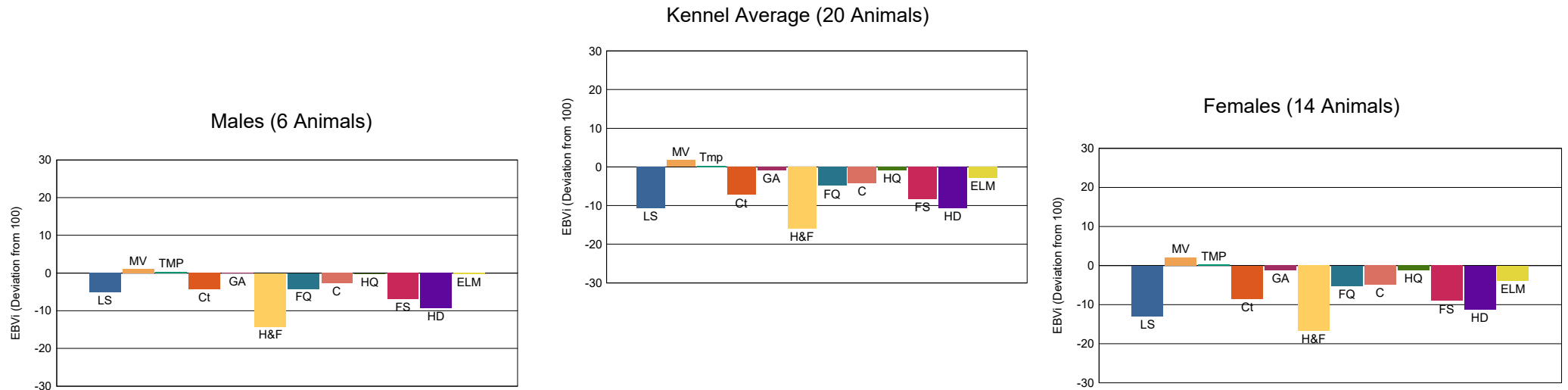
Genetic Trends: The Genetic Trends indicate the genetic change that occurred over time in the animals bred by the breeder compared to that of the breed. These are calculated as the average of the breeding values of all measured animals bred by the breeder, per year of birth.

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)	89	95	87
Movement (Mv)	102	101	102
Temperament (Tmp)	100	100	100
Coat (Ct)	93	96	92
General Appearance	99	100	99
Head & Face (H&F)	84	86	83
Front Quarter (FQ)	95	96	95
Centre (C)	96	97	95
Hind Quarter (HQ)	99	100	99
Final Score (FS)	92	93	91
Hip Health (HH)	89	91	89
Elbow Health (ELM)	97	100	96

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.

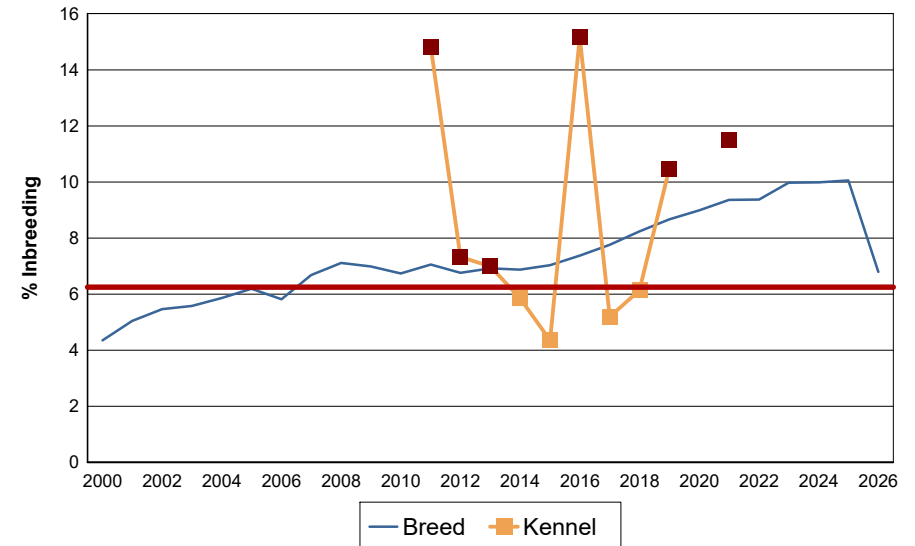
It is therefore highly recommended to record pedigree information as accurately. Inbreeding is dependent on pedigree information. Conventional methods for the calculation of inbreeding coefficients usually assume that unknown parents are unrelated, which is usually far from the truth. Inbreeding coefficients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

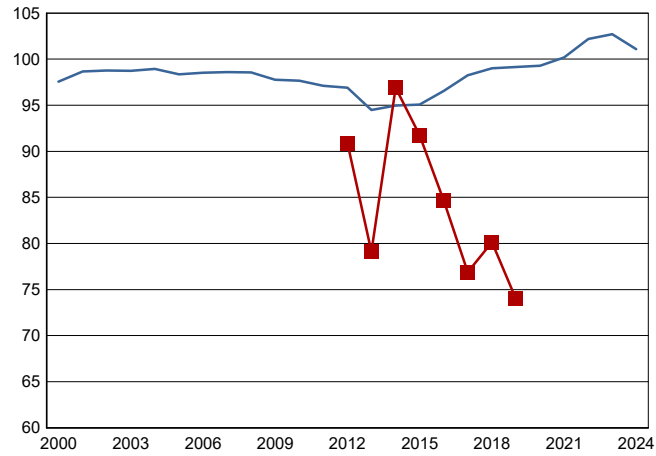


Inbreeding Levels

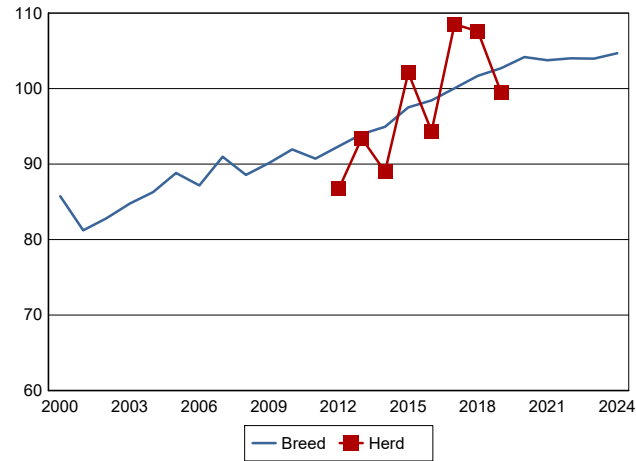
	All Animals		Males		Females		Sires		Dams	
	Kennel	Breed	Kennel	Breed	Kennel	Breed	Kennel	Breed	Kennel	Breed
Number	20	49007	6	25141	14	23857	9	3371	7	6287
Average Inbreeding	8.96	8.49	9.01	8.46	8.94	8.53	9.41	8.01	9.42	8.00
Number inbred	20	48727	6	24990	14	23728	9	24990	7	23728
Number >6.25% Inbr.	12	30600	3	15537	9	15058	3	15537	4	15058

Genetic Trends

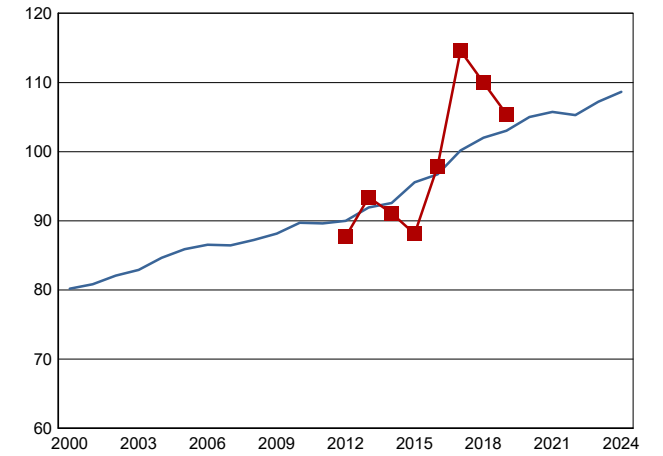
Litter Size



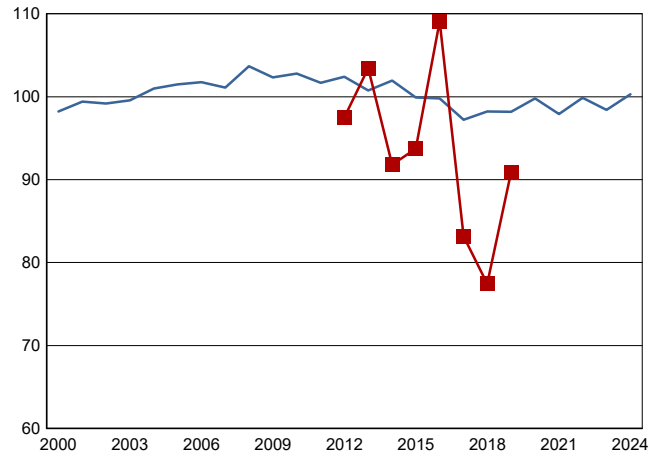
Movement



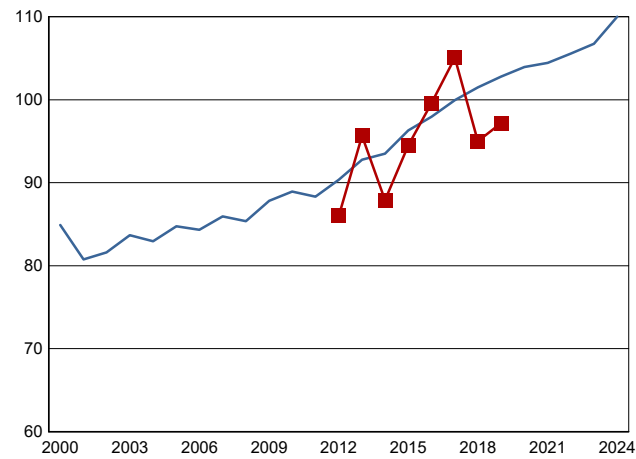
Temperament



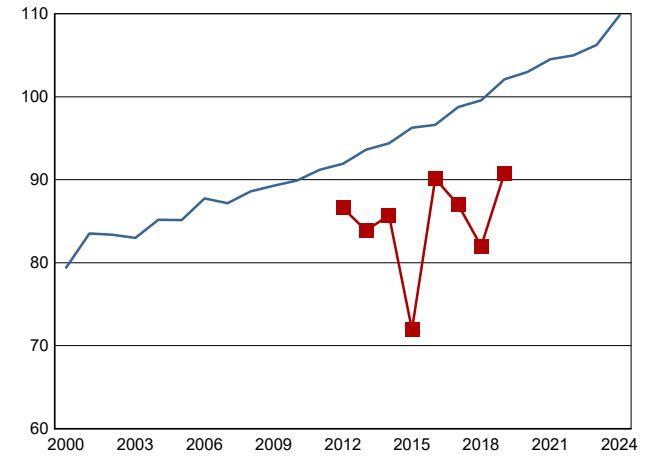
Coat



General Appearance

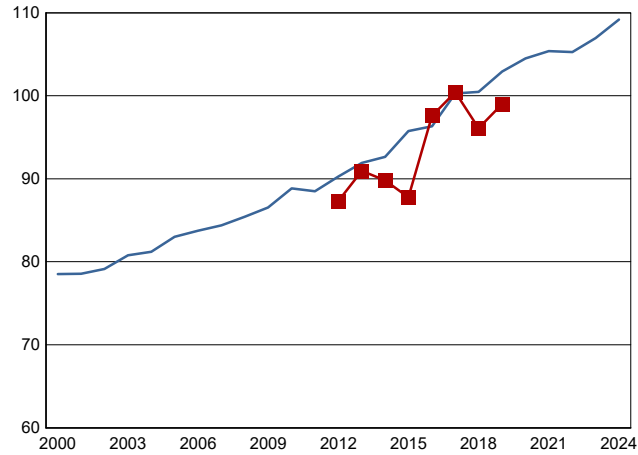


Head & Face

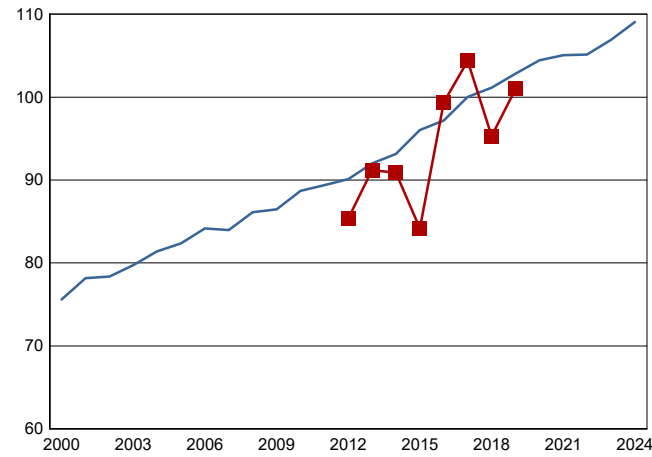


Genetic Trends

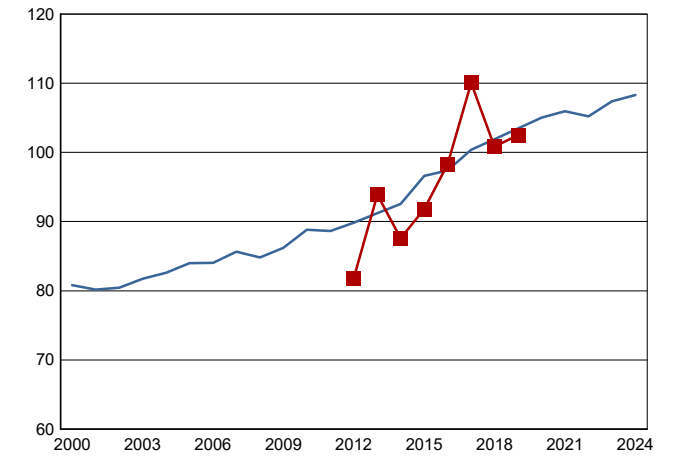
Front Quarter



Centre

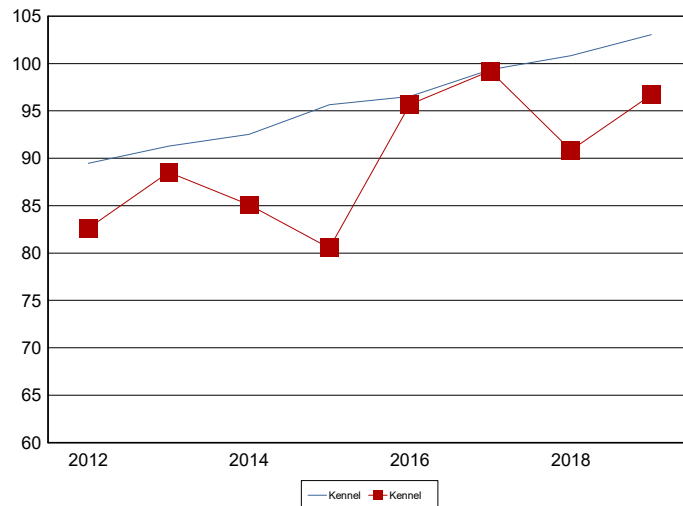


Hind Quarter

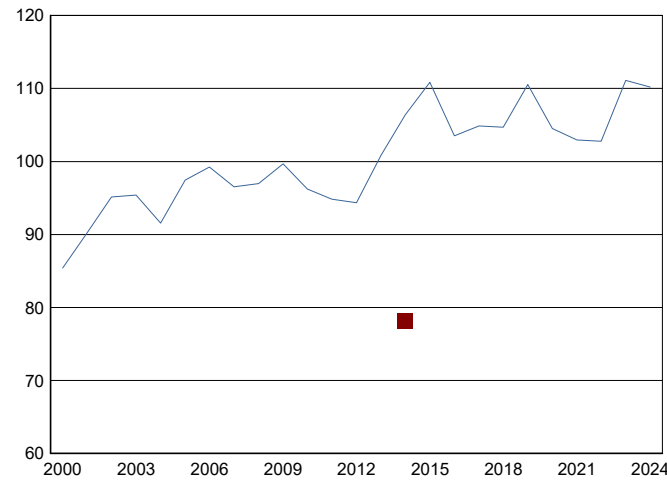


Final Score & Health Traits

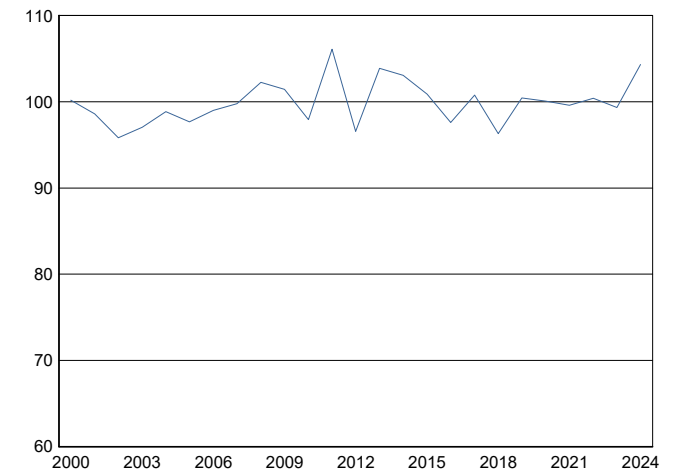
Final Score



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	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	
PINE RIDGE COUPE		MOUZER PIED BEN	5.85	78	103	97	91	95	100	94	91	96	97	93	92	59	7	5			4
	2014	DANDALOO PIONA SHELBY		5	5	5	15	5	40	14	38	17	21	25	33			5			2
PINE RIDGE CLEVELAND		PINE RIDGE BERG	3.67	84	101	90	101	87	91	99	74	92	86	91	82						
	2015	ATARAXIA HOLLEY		5	5	5	5	5	5	5	5	5	5	5	5						
PINE RIDGE KODI		PINE RIDGE COUPE	17.98	79	102	84	95	96	105	96	87	95	96	96	92						
	2016	PINE RIDGE ELEANOR		5	5	5	5	5	11	5	7	5	5	5	5						
PINE RIDGE COBRA		GROENBERG BBD RAMBO	4.70	110	95	97	112	112	95	107	87	99	102	113	101						
	2017	PINE RIDGE SALLY		21	29	39	44	34	50	44	50	45	45	46	48						
PINE RIDGE BOSS II		PINE RIDGE COUPE	10.39	94	99	102	101	104	92	103	88	97	102	104	96						
	2019	PINE RIDGE CAPRI		5	5	5	5	5	22	5	20	5	5	5	13						
PINE RIDGE ZEUS		KAMANI SHERMAN	11.45	99	99	99	108	108	92	101	88	97	102	102	96						
	2021	PINE RIDGE CAPRI		5	5	5	5	5	26	5	25	5	5	11	19						

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	
PINE RIDGE CHLOE	2013	AL ASAAD ROSHAN LE PIONA	6.99	81	100	79	91	88	102	97	84	85	85	86	84						
		DANDALOO PIONA SHELBY		5	5	5	24	5	44	23	43	25	28	31	38						
PINE RIDGE MINNIE	2013	AL ASAAD ROSHAN LE PIONA	6.99	81	100	79	89	95	103	97	87	96	97	98	92						
		DANDALOO PIONA SHELBY		5	5	5	24	5	44	23	43	25	28	31	38						
PINE RIDGE ELEANOR	2013	AL ASAAD ROSHAN LE PIONA	6.99	81	100	72	99	98	111	98	83	94	95	99	92	22	2	6			5
		DANDALOO PIONA SHELBY		5	5	12	28	5	47	27	46	29	32	35	41			5			1
ATARAXIA HOLLEY	2013	MOUZER YSTERBERG BUSA	15.44	88	101	102	107	81	75	103	66	93	81	89	75	11	2	2			1
		MOUZER YSTERBERG TJOEKA		5	5	5	5	5	5	5	5	5	5	5	5			2			1
PINE RIDGE SALLY	2015	BOSVLEI SENINGS	4.84	90	96	95	104	90	100	85	67	80	82	93	78	17	2	4			3
		DANDALOO PIONA SHELBY		5	5	15	28	5	45	27	44	29	31	34	39			2			1
PINE RIDGE KITT	2016	PINE RIDGE COUPE	17.98	79	102	84	93	98	111	107	94	102	102	95	98						
		PINE RIDGE ELEANOR		5	5	5	5	5	45	5	44	5	15	23	35						
PINE RIDGE CUTIE PIE	2016	PINE RIDGE COUPE	9.99	83	102	99	99	88	87	98	79	94	89	91	84						
		ATARAXIA HOLLEY		5	5	5	5	5	9	5	5	5	5	5	5						
PINE RIDGE SIERRA	2017	ELEVATION KOOSIE	5.64	88	88	51	108	116	82	101	91	103	105	113	102	1	1	1			
		PINE RIDGE ELEANOR		5	5	33	44	19	59	43	58	45	47	49	54			1			
PINE RIDGE CAPRI	2017	GROENBERG BBD RAMBO	4.70	110	95	107	112	114	84	111	86	98	106	115	101	16	2				
		PINE RIDGE SALLY		21	29	45	49	36	60	49	60	50	51	53	56						
PINE RIDGE GINGER	2018	ELEVATION KOOSIE	6.14	93	86	82	116	113	74	92	90	99	100	106	97	12	1				
		PINE RIDGE SALLY		5	5	28	43	18	57	42	56	44	46	48	52						
PINE RIDGE CAMI	2018	ELEVATION KOOSIE	6.14	93	86	78	100	107	81	98	74	93	90	95	85						
		PINE RIDGE SALLY		5	5	26	43	18	57	42	56	44	46	48	52						

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		
PINE RIDGE TORI II		PINE RIDGE COUPE	10.39	94	99	102	101	104	92	103	88	97	102	104	96						
	2019	PINE RIDGE CAPRI		5	5	5	5	5	22	5	20	5	5	5	13						
PINE RIDGE HERA		KAMANI SHERMAN	11.45	99	99	99	108	108	92	101	88	97	102	102	96						
	2021	PINE RIDGE CAPRI		5	5	5	5	5	26	5	25	5	5	11	19						
PINE RIDGE CLEO		PINE RIDGE COUPE	11.49	85	94	90	103	104	87	93	90	97	99	99	94						
	2021	PINE RIDGE GINGER		5	5	5	5	5	19	5	17	5	5	5	7						

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	
KAMANI SHERMAN		AVALONIA WALDOR	5.20	87	104	90	104	102	100	92	89	96	97	90	92	28	5	5		5	
	2008	ATARAXIA KIARA		5	5	27	28	5	45	27	44	29	31	34	39						5
MOUZER YSTERBERG BUSA		MOUZER YSTERBERG MOUZER HITLER	33.76	86	102	116	123	76	68	122	49	95	70	94	69	2		1		2	
	2009	MOUZER YSTERBERG SOEKIE		5	5	5	5	5	15	5	11	5	5	5	5						1
AL ASAAD ROSHAN LE PIONA		AL ASAAD SHAH-RUKH LE PIONA	4.09	85	97	77	89	90	112	100	79	91	88	96	87	14	1	5		3	
	2009	CABARET LAYLA		5	5	31	38	11	52	38	51	39	41	43	47						4
BOSVLEI SENINGS		BOSVLEI GROOT KOKKEDOOR	5.39	104	89	96	98	80	109	99	73	84	84	95	82	30	7	5	2	3	
	2010	LUNDIE ROELIEN		5	5	36	52	29	65	52	64	53	55	57	61						2
MOUZER PIED BEN		NUMZAAN ARAGON	13.03	80	103	112	78	85	86	85	85	90	90	84	82	4	1	2	1	1	
	2011	MOUZER ZELLA		5	5	5	5	5	23	5	21	5	5	5	15						2
GROENBERG BBD RAMBO		PIET-ZYN-DRIFT BASTRON I	5.76	129	93	99	119	134	90	129	106	119	123	134	123	352	64	166	44	42	
	2011	MIDDELPOS BBD TESSA II		67	76	84	91	82	95	91	94	91	92	92	93						122
PINE RIDGE BERG		AL ASAAD ROSHAN LE PIONA	6.99	81	100	79	95	94	106	95	83	91	90	94	88	17	2	3		1	
	2013	DANDALOO PIONA SHELBY		5	5	5	14	5	32	12	31	15	18	22	27						3
ELEVATION KOOSIE		ELEVATION KAROOLS	4.59	95	75	61	110	132	51	114	100	113	116	115	108	77	12	37	1	1	
	2013	MIDDELPOS BBD BIANCA		34	34	62	76	55	85	75	85	76	78	80	83						26
PINE RIDGE COUPE		MOUZER PIED BEN	5.85	78	103	97	91	95	100	94	91	96	97	93	92	59	7	5		4	
	2014	DANDALOO PIONA SHELBY		5	5	5	15	5	40	14	38	17	21	25	33						5

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	
MOUZER YSTERBERG TJOEKA	2010	MOUZER YSTERBERG BOET	14.42	90	100	94	90	84	83	86	84	90	90	83	81	3		1			3
		MOUZER YSTERBERG NIKKIE		5	5	5	5	5	5	5	5	5	5	5	5			1			3
DANDALOO PIONA SHELBY	2011	KAMANI SHERMAN	13.39	77	103	82	101	98	97	90	86	90	92	91	89	25	3	8	1		5
		EVOLUTION ZORA		5	5	5	5	5	30	5	29	5	5	11	22			6			1
PINE RIDGE ELEANOR	2013	AL ASAAD ROSHAN LE PIONA	6.99	81	100	72	99	98	111	98	83	94	95	99	92	22	2	6			5
		DANDALOO PIONA SHELBY		5	5	12	28	5	47	27	46	29	32	35	41			5			1
ATARAXIA HOLLEY	2013	MOUZER YSTERBERG BUSA	15.44	88	101	102	107	81	75	103	66	93	81	89	75	11	2	2			1
		MOUZER YSTERBERG TJOEKA		5	5	5	5	5	5	5	5	5	5	5	5			2			1
PINE RIDGE SALLY	2015	BOSVLEI SENINGS	4.84	90	96	95	104	90	100	85	67	80	82	93	78	17	2	4			3
		DANDALOO PIONA SHELBY		5	5	15	28	5	45	27	44	29	31	34	39			2			1
PINE RIDGE CAPRI	2017	GROENBERG BBD RAMBO	4.70	110	95	107	112	114	84	111	86	98	106	115	101	16	2				
		PINE RIDGE SALLY		21	29	45	49	36	60	49	60	50	51	53	56						
PINE RIDGE GINGER	2018	ELEVATION KOOSIE	6.14	93	86	82	116	113	74	92	90	99	100	106	97	12	1				
		PINE RIDGE SALLY		5	5	28	43	18	57	42	56	44	46	48	52						

