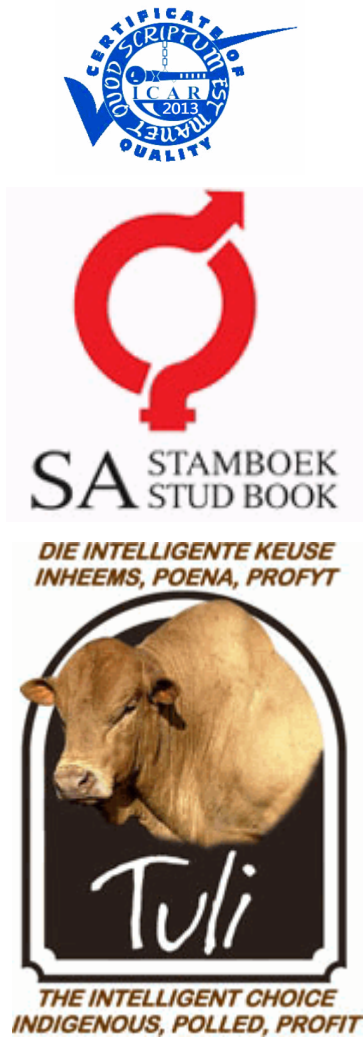


August 2015



Tuli

Proven Sire List

SA STAMBOEK
STUD BOOK

Tuli Proven Sire List

Index

Notes and Definitions	2
Explanation of terms	3
Genetic trends of selection values	6
4 & 5 Star Proven Sires for	
Cow Value	7
Growth Value	8
Production Value	9
All Sires	10

Notes and Definitions

EBVi (EBVindex) is the breeding value index and is easier to interpret than the breeding value. The base of a breeding value index is 100, which is the average of all the live animals in the breed, and all values are expressed relative to this value. Values above 100 are always in a more desirable direction.

EBV: (Estimated Breeding Value) indicates the genetic potential of the animal for a specific trait. It is presented in the unit of measurement and relative to the average of animals born in the base year (2010).










Accuracy (Acc): The amount of information available for breeding value estimation is indicated with an accuracy value (Acc). The closer to 100, the more information is available. Younger animals have lower accuracies than older animals.

Sub-values combine similar breeding values in a scientific manner to simplify the selection of animals. For example, AFC (age at first calving) and ICP (inter-calving period) are combined to form the sub-value Fertility by taking the heritability and economic importance in consideration. The sub-value is expressed in an index format, thus an animal with a sub-value of 110 for Fertility will genetically be above average compared to the live animals in the breed.



Selection Value (Cow Value) combines the sub-values into a single value. This gives a quick and easy indication of the combined genetic value of an animal compared to the breed. It is advised to still look at the sub-values to see where the strengths and weaknesses lie.

The data used for this evaluation is pedigree information and performance data found on LOGIX as provided by breeders. All attempts are made to present accurate information. SA Stud Book takes no responsibility for the use and interpretation of information presented in this report.

Explanation of terms ☆

Subvalues of Cow Value	Measurements taken into account for Breeding Value (EBV)	Breeding values in subvalue and % contribution to Cow Value		General guidelines for selection						★★★★★	
				<70	80	90	100	110	120+		
Calving Ease	Birth weight of calf Birth weight of cow's calf	Birth weight (4.5%) Maternal birth weight (0.5%)	More difficult calving (Heavier birth weight)								Easier calving (Lighter weight)
Calf Growth	Weaning weight	Weaning weight (24%)	Lighter weaner								Heavier weaner
Milk	Weaning weight of cow's calf	Milk (14%)	Less milk								More milk
Maintenance	18 month weight	Postwean (20%)	Higher maintenance (heavier cows)								Lower maintenance (lighter cows)
Fertility	Age at first calving (10%) Intercalving period (ICP)	Age at first calving (10%) Intercalving period (ICP) (2.7%)	Less fertile	X							More fertile

Selection values

Cow Value	Genetic merit to breed daughters that are fertile, calf easily, wean heavy calves, have lots of milk and low maintenance requirements.	Rand per Hectare profit	Lower R per Ha								Higher R per Ha
					50%						
					87% are between ±80 and ±120						

EBV	Number of stars	Notes	
2 star: ±80 to ±89	☆☆ ★★	mostly acceptable**	✓
3 star: ±90 to ±109	★★☆ ★★★	average	✓✓
4 and 5 star: >±110	★★★★☆ ★★★★★ ★★★★★ ★★★★★	mostly acceptable**	✓✓✓

**Depending on personal selection goals

Number of stars	Selection Value
½ ☆	<60
1 ★	60-69
1½ ★☆	70-79
2 ★★	80-89
½ ★★★	90-99
3 ★★★★	100-109
½ ★★★★★	110-119
4 ★★★★★	120-129
½ ★★★★★☆	130-139
5 ★★★★★★	>140









Breeding value indexes, sub values and stars indicate GENETIC potential.

Cow Value: ★★★★★ More stars are better, as a higher cow value indicates a better combination of subvalues.

Take note that some subvalues may not meet requirements in the herd.






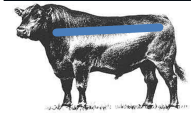

The Logix Selection Values are depicted as star gradings, which simplifies selection of animals.

LCV: Logix Cow Value (Combination of EBVs based on measurements of cows and calves on the farm)

Sub-values	Calving Ease		Calf Growth	Milk	Maintenance		Fertility	
% contribution of EBV to LCV	4.5%		24%	14%	0%	20%	10%	27%
Traits for which breeding values (EBVs) and EBV indices (EBVi) are estimated	Birth weight	Mat. Birth weight	Weaning weight	Milk	Post-wean weight	Cow weight	Age at 1st calving	Inter-calving period
	 Calf's genetic potential for birth weight	 Cow's genetic ability to limit calf weight	 Calf's genetic potential for growth	 Mothering ability of cow	 12 and/or 18 m weight	 Mature weight	 Heifer fertility	 Cow fertility
Interpretation	Calving Ease		Calf growth	Milk	Maintenance		Fertility	
Sub-value above 100	Easier calving		Heavier weaner calf	More milk	Lower maintenance requirement (lower weight)		More fertile	
Sub-value below 100	Difficult calving		Lighter weaner calf	Less milk	Higher maintenance requirement (heavier)		Less fertile	
	Birth weight	Mat. birth weight	Weaning weight	Milk	Post-wean weight	Cow weight	AFC	ICP
Higher EBV	Heavier weight	Heavier weight	Heavier weight	More milk	Heavier weight	Heavier weight	Later calving	Longer ICP
Lower EBV	Lighter weight	Lower weight	Lighter weight	Less milk	Lighter weight	Lighter weight	Earlier calving	Shorter ICP
Optimum EBV	Lower intermediate	Lower intermediate	Higher	Higher	Higher intermediate	Higher intermediate	Lower	Lower
Optimum EBV index*	Higher intermediate	Higher intermediate	Higher	Higher	Higher intermediate	Higher intermediate	Higher	Higher

*EBV index above 100 is in a more favourable direction and better than breed average (100).

LGV: Logix Growth Value (Combination of EBVs based on bulls measured in growth tests)

Traits for which breeding values (EBVs) and EBV indices (EBVi) are estimated	ADG	Kleiber Ratio	FCR	Scrotal circumference	Height	Length	Carcass
	 Average daily gain	 Growth efficiency	 Feed conversion ratio	 Bull fertility	 Shoulder/Hip height	 Body length	 Eye muscle area, fat and marbling
Interpretation	ADG	Kleiber ratio	Feed conversion ratio	Scrotal circumference	Height	Length	Carcass
Higher EBV	More growth	More efficient on veld	Higher intake per kg gain	Larger scrotum	Taller animal	Longer animal	More
Lower EBV	Less growth	Less efficient on veld	Lower intake per kg gain	Smaller scrotum	Shorter animal	Shorter length	Less
Optimum EBV	Higher	Higher	Lower	Higher	Intermediate	Intermediate/high	Higher
Optimum EBV index	Higher	Higher	High	Higher	Higher intermediate	Higher intermediate	Higher

LPV: Logix Production Value (Combination of LCV and LGV)

Logix Genetic Catalogue

The Selection Values in this catalogue indicate the genetic merit of the animals since all environmental effects have been removed. Selection Values are a combination of relevant breeding values and are based on animals that were scientifically measured according to international norms. Breeding values are estimated from performance of ancestors and progeny, as well as own performance.

Selection Value	What does it measure?	Notes
Cow Value	Genetic merit to breed daughters that are fertile, calve easily, wean heavy calves, have lots of milk and low maintenance requirements.	Combination of the sub-values Calving Ease, Milk, Calf Growth, Maintenance and Fertility.
Growth Value	Bulls /Cows with genetic merit for growth and growth efficiency after weaning.	The animal's genetic merit for growth summarized in a single value.
Production Value	Combination of Cow Value and Growth Value.	Single value that summarizes the genetic merit of the animal.

It is easy to interpret Selection Values:

- Average of the live animals in the breed: 100
- Above 100: more desirable,
- Below 100: less desirable

Sub Value	What does an above breed average value (100) mean?
Calving Ease	Smaller calf at birth – easier calving
Milk	Cows / daughters with more milk and better mothering traits
Calf Growth	Heavier calf at wean due to growth ability of the calf itself.
Low Maintenance	Animals with lower maintenance requirements (lower mature weight EBVs).
Fertility	Cows / daughters that calve earlier and / or more regularly.

Star Grading	Selection Value
☆	<60
★	60-69
★★☆	70-79
★★★	80-89
★★★★☆	90-99
★★★★★	100-109
★★★★★☆☆	110-119
★★★★★☆☆☆	120-129
★★★★★☆☆☆☆	130-139
★★★★★☆☆☆☆☆	>140



Accuracy (Acc):

The amount of information available for breeding value estimation is indicated with an accuracy value (Acc). The accuracy is a value between 0 and 99. Younger animals have lower accuracies than older animals.

A combination of the following information is used to estimate the accuracy:

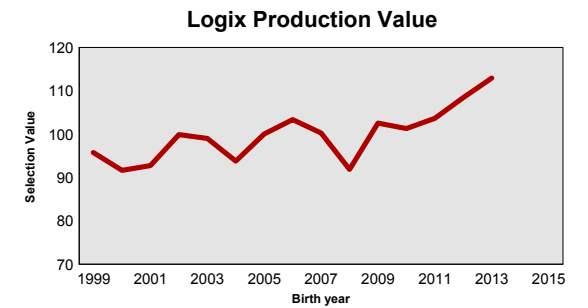
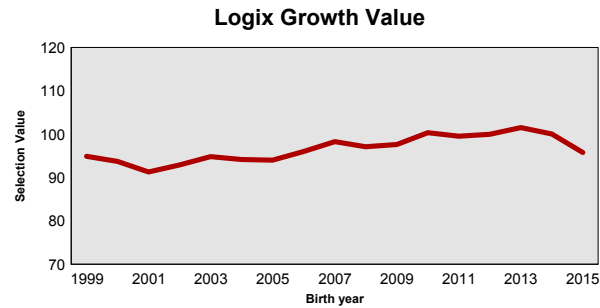
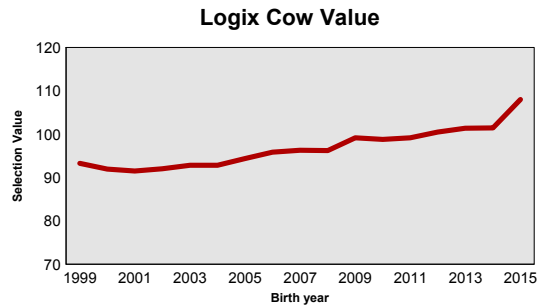
- **Parents:** Known or unknown; Accuracy of parents' breeding values.
- **Own measurement:** Animal is measured for trait, or genetically correlated trait
- **Progeny:** Number of progeny measured for trait or correlated traits

Wide interpretation of Acc:

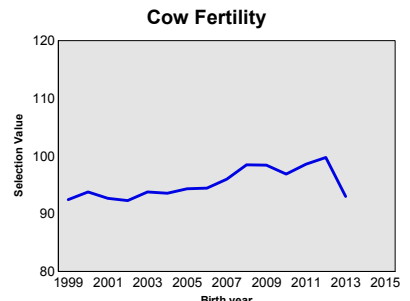
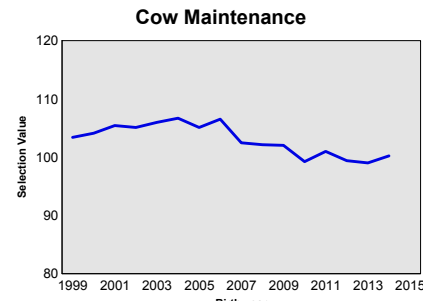
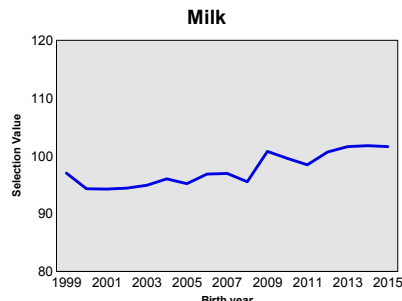
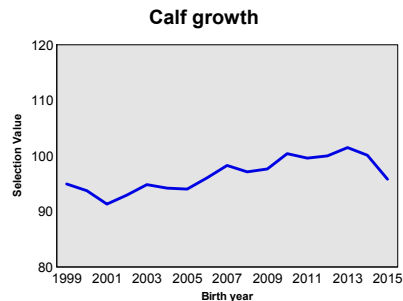
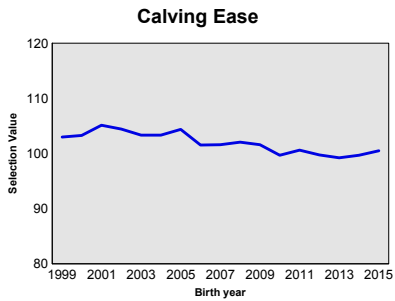
- Acc>80%: A lot of information, AI bull, many offspring
- Acc>60%: Animal has measured progeny
- Acc>30%: Animal measured
- Acc <30%: Little information

Genetic trends of Selection Values

The average Selection Value per year of all **measured** animals in the breed and herd. This indicates genetic change.



Genetic trends of sub-values of the Cow Value



Year	Calving Ease			Calf Growth		Milk		Cow Maintenance			Cow Fertility			Selection Values										
	Birth weight		Clv. Ease Sel.Val	Weaning weight		Milk (WWW.Mat.)	Milk Selection Value	Post-W weight		Mature weight		Maint. Selection Value	AFC		ICP	Fertility Selection Value	Logix Cow Value	Logix Growth Value	Production Value					
	Nr	EBV		EBV	Nr			EBV	Nr	EBV	Nr		EBV	Nr						EBV	Nr	EBV		
2004	1170	0.30	0.07	103	745	1.0	94	745	0.4	96	382	3.1	204	3	107	371	2.5	276	-0.4	94	93	96	94	
2005	1003	0.22	0.06	104	753	0.9	94	753	0.1	95	318	3.1	220	2	105	396	1.1	298	-0.8	94	94	103	100	
2006	1102	0.44	0.09	102	795	1.6	96	795	0.6	97	412	3.3	241	1	107	417	1.1	316	-0.7	94	96	103	103	
2007	1158	0.42	0.11	102	859	2.5	98	859	0.7	97	527	4.6	282	4	102	463	1.8	390	-1.2	96	96	99	100	
2008	1289	0.35	0.13	102	1095	2.0	97	1095	0.2	96	536	4.9	303	5	102	503	-0.3	396	-1.9	98	96	94	92	
2009	1452	0.40	0.16	102	1149	2.2	98	1149	1.8	101	545	5.9	334	7	102	557	-1.0	443	-1.8	98	99	103	103	
2010	1813	0.53	0.19	100	1277	3.2	100	1277	1.5	100	701	7.4	359	8	99	676	-0.3	422	-1.1	97	99	102	101	
2011	1921	0.46	0.13	101	1495	2.9	100	1495	1.1	98	822	6.7	235	6	101	637	-0.3	74	-3.3	99	99	104	104	
2012	2358	0.55	0.14	100	1733	3.1	100	1733	1.8	101	959	7.1	32	9	99	162	-3.4	3	-2.9	100	101	105	108	
2013	2511	0.59	0.14	99	1856	3.6	102	1856	2.1	102	978	7.7			99	1	-5.7			93	101	111	113	
2014	2546	0.57	0.16	100	1469	3.1	100	1469	2.1	102	52	5.9			100						101			
2015	233	0.51	0.13	100	12	1.6	96	12	2.1	102											108			



Tuli Proven Sire List

Cow Value

(All Sires with calves born in the past 3 years and Cow Value Accuracy >50%)

Sire				Selection Values (SV)					Breeding Values (EBVs)										Progeny																
ID Name	Comp. Nr	Status	Sire ID Dam ID	Calving Ease	Calf Growth	Milk	Low Maint.	Cow Fertility	Cow Value	Growth Value	Prod. Value	Birth weight	Weaning weight	Birth Mat.	Milk Maternal	Postwean weight	Mature weight	ADG	Kleiber	Scrotal circumf.	AFC	ICP	Height	Length	Measured										
				SV Acc	SV Acc	SV Acc	SV Acc	SV Acc	SV Acc	SV Acc	SV Acc	SV Acc	SV Acc	SV Acc	EBV Acc	EBV Index	EBV Acc	EBV Index	EBV Acc	EBV Index	EBV Acc	EBV Index	EBV Acc	EBV Index	EBV Acc	EBV Index	EBV Acc	EBV Index	Birth Wean	Growth test Dgtrs/Calves					
									Breed avg: 0.53 100 3.1 100 0.18 100 1.8 100 6.4 100 8 100 90 100 21 100 11.4 100 -1.8 100 -1.9 100 13 100 23 100																										
★★★★★																																			
1	PT 010037 PULU 0137	45340189	J 942990 HKL 950008	118 ₉₀	102 ₈₇	123 ₇₉	119 ₄₃	111 ₅₅	141 ₆₅	82 ₆₆	108 ₆₅	-0.91 ₉₁	118 ₁₁₈	3.8 ₈₇	102 ₁₀₂	0.45 ₈₀	8.4 ₇₉	121 ₁₂₁	8.8 ₇₆	-12 ₄₃	82 ₈₂	42 ₆₁	-3 ₆₁	82 ₈₂	8.5 ₇₀	-14.1 ₆₉	114 ₁₁₄	-4.3 ₄₁	108 ₁₀₈	3 ₃₄	13 ₈₄	89 ₈₉	68 ₅₆	14 ₃₆	
★★★★★☆																																			
2	CR 010028 NONNIE CR 01 028	44861573	CR 960004 J 941892	110 ₉₆	91 ₉₅	148 ₉₂	126 ₅₆	81 ₆₉	138 ₇₇	102 ₈₀	119 ₇₈	0.01 ₉₆	107 ₁₀₇	-0.2 ₉₅	91 ₉₁	-0.41 ₉₁	16.1 ₉₂	146 ₁₄₆	2.8 ₈₈	-19 ₅₆	75 ₇₅	81 ₇₈	3 ₇₈	86 ₈₆	9.5 ₈₃	-3.8 ₈₁	102 ₁₀₂	4.2 ₅₇	79 ₇₉	17 ₈₄	34 ₁₀₇	112 ₁₁₂	105 ₉₅	21 ₁₂₂	
3	AM 090025 ALPHA OMEGA AM090025	69754620	HBH 060976 AM 070002	122 ₈₂	99 ₇₉	124 ₆₉	101 ₂₈	83 ₃₂	131 ₅₀	105 ₆₃	118 ₅₃	-1.15 ₈₃	121 ₁₂₁	2.8 ₇₉	99 ₉₉	0.31 ₆₉	8.9 ₆₉	123 ₁₂₃	5.0 ₅₇	7 ₂₈	99 ₉₉	112 ₅₈	22 ₁₀₇	101 ₁₀₁	14.8 ₆₉	-0.6 ₄₄	99 ₉₉	3.3 ₂₁	82 ₈₂	20 ₇₀	33 ₁₁₂	111 ₁₁₁	27 ₁₂		
★★★★★																																			
4	CR 070021 NONNIE CR0721	64673478	R 040037 CR 040043	119 ₉₃	128 ₉₁	91 ₈₄	68 ₂₁	95 ₃₄	126 ₅₅	119 ₅₈	125 ₅₆	-0.70 ₉₄	116 ₁₁₆	13.4 ₉₁	128 ₁₂₈	-0.92 ₈₆	-1.0 ₈₄	91 ₉₁	21.8 ₈₀	43 ₂₁	132 ₁₃₂	130 ₅₃	25 ₅₃	103 ₁₀₃	19.8 ₆₂	22.9 ₅₁	-2.5 ₁₇	102 ₁₀₂	27 ₆₃	37 ₁₂₄	115 ₁₁₅	112 ₇₃	17 ₇		
5	D 110071 BARDEE D110071	73284960	W 040026 HBH 050881	94 ₈₆	112 ₇₃	128 ₆₄	104 ₃₁	87 ₃₄	126 ₅₀	105 ₄₇	116 ₄₉	0.95 ₈₇	95 ₉₅	7.5 ₇₃	112 ₁₁₂	0.38 ₇₃	10.0 ₆₄	126 ₁₂₆	12.3 ₆₄	4 ₃₁	97 ₉₇	113 ₄₄	13 ₄₄	94 ₉₄	24.8 ₄₉	2.3 ₄₇	95 ₉₅	1.7 ₂₂	88 ₈₈	20 ₅₀	41 ₁₁₂	120 ₁₂₀	19 ₁		
6	HBH 060976 HBH HBH 060976	63656318	CR 010028 HBH 020664	102 ₉₅	99 ₉₄	140 ₉₀	110 ₄₅	70 ₅₄	126 ₆₉	106 ₈₂	116 ₇₂	0.22 ₉₆	104 ₁₀₄	2.8 ₉₄	99 ₉₉	0.79 ₉₀	13.5 ₉₀	138 ₁₃₈	5.7 ₈₃	-3 ₄₅	90 ₉₀	75 ₇₉	1 ₇₉	85 ₈₅	4.0 ₈₅	2.6 ₇₁	95 ₉₅	7.0 ₃₆	70 ₇₀	18 ₈₆	27 ₁₁₀	105 ₁₀₅	120 ₈₆	26 ₁₈	
7	SW 080096 BLOMVLEI 08 0096	67749341	PT 010037 SW 040123	96 ₈₂	110 ₇₃	122 ₆₂	100 ₃₀	112 ₃₆	126 ₅₀	91 ₃₅	106 ₄₇	0.92 ₈₄	95 ₉₅	6.7 ₇₃	110 ₁₁₀	0.05 ₆₈	8.2 ₆₂	121 ₁₂₁	14.2 ₆₅	8 ₃₀	100 ₁₀₀	71 ₃₁	5 ₃₁	88 ₈₈	16.4 ₃₈	-8.4 ₄₆	108 ₁₀₈	-5.1 ₂₅	111 ₁₁₁	8 ₂₂	93 ₉₃	22 ₂₀	98 ₉₈	31 ₂	
8	AM 050009 ALPHA OMEGA AM050009	62426531	CR 010028 HBH 020684	100 ₉₂	107 ₉₃	132 ₈₈	104 ₄₈	75 ₅₈	126 ₇₀	88 ₆₆	105 ₆₉	0.81 ₉₃	97 ₉₇	5.8 ₉₃	108 ₁₀₈	-0.60 ₈₄	11.2 ₈₈	130 ₁₃₀	7.8 ₈₄	4 ₄₈	97 ₉₇	91 ₆₂	10 ₆₂	91 ₉₁	10.7 ₆₉	22.9 ₇₅	3.6 ₄₂	81 ₈₁	16 ₇₀	30 ₁₀₆	107 ₁₀₇	59 ₇₁	8 ₄₁		
9	ASE 060103 BUROWILL ASE 06 103	63350912	ASE 010040 HBH 020635	118 ₉₂	115 ₈₉	99 ₈₃	100 ₃₈	93 ₄₄	126 ₆₁	114 ₆₃	121 ₆₁	-0.73 ₉₃	116 ₁₁₆	8.5 ₈₉	115 ₁₁₅	0.01 ₈₃	1.2 ₈₃	98 ₉₈	12.4 ₇₆	9 ₃₈	101 ₁₀₁	128 ₅₈	19 ₅₈	98 ₉₈	16.7 ₆₇	-3.1 ₅₈	102 ₁₀₂	0.3 ₂₉	92 ₉₂	18 ₆₉	39 ₁₀₉	118 ₁₁₈	68 ₆₈	27 ₁₆	
10	GNC 080018 HORSESHOE GNC080018	68040286	PT 990012 J 941919	105 ₈₂	106 ₈₁	114 ₇₂	101 ₂₂	118 ₃₉	125 ₅₂	92 ₃₆	107 ₄₉	0.28 ₈₃	103 ₁₀₃	5.4 ₈₁	107 ₁₀₇	-0.21 ₇₀	5.6 ₇₂	112 ₁₁₂	8.9 ₆₇	7 ₂₂	99 ₉₉	86 ₃₃	0 ₃₃	84 ₈₄	22.4 ₃₉	-1.5 ₅₅	100 ₁₀₀	-7.6 ₂₃	119 ₁₁₉	7 ₃₅	30 ₉₀	108 ₁₀₈	35 ₂₆	1 ₁	
11	AM 070050 ALPHA OMEGA AM070050	66151135	BG 960053 HWP 990258	93 ₉₄	134 ₉₃	112 ₈₈	57 ₄₅	96 ₅₂	123 ₆₈	119 ₈₂	123 ₇₁	1.11 ₉₅	93 ₉₃	15.4 ₉₃	134 ₁₃₄	0.09 ₈₇	5.1 ₈₈	111 ₁₁₁	24.0 ₈₀	55 ₄₅	144 ₁₄₄	177 ₇₉	43 ₇₉	116 ₁₁₆	33.8 ₈₅	-5.9 ₆₈	105 ₁₀₅	-0.2 ₃₆	94 ₉₄	30 ₈₅	129 ₁₂₉	48 ₈₄	128 ₁₂₈	111 ₈₅	21 ₅
12	CR 100060 NONNIE CR100060	71963342	T 020011 CR 050091	105 ₈₉	105 ₈₇	123 ₇₉	96 ₁₇	89 ₃₄	122 ₅₂	118 ₂₈	122 ₄₇	0.22 ₉₀	104 ₁₀₄	4.8 ₈₇	105 ₁₀₅	0.09 ₇₇	8.5 ₇₉	122 ₁₂₂	15.3 ₅₀	13 ₁₇	105 ₁₀₅	154 ₂₄	59 ₂₄	128 ₁₂₈	14.1 ₃₁	-3.1 ₄₇	102 ₁₀₂	1.4 ₂₀	88 ₈₈	19 ₃₂	34 ₁₁₁	112 ₁₁₂	32 ₂₉		
13	HBH 100299 HBH HBH100299	73306920	H 050089 HBH 030752	101 ₈₀	122 ₇₆	112 ₆₇	64 ₃₃	98 ₄₀	120 ₅₃	114 ₆₆	119 ₅₆	0.59 ₈₁	99 ₉₉	11.0 ₇₆	122 ₁₂₂	-0.13 ₆₈	5.0 ₆₇	110 ₁₁₀	18.6 ₆₁	47 ₃₃	136 ₁₃₆	145 ₆₂	48 ₆₂	120 ₁₂₀	16.3 ₇₁	0.3 ₅₁	98 ₉₈	-1.6 ₂₈	99 ₉₉	2 ₇₂	24 ₈₃	100 ₁₀₀	13 ₁₂		
14	R 030012 LANGLYF R 03 12	47331822	CR 960004 R 970060	93 ₉₅	117 ₉₄	114 ₉₀	94 ₄₇	102 ₆₂	120 ₇₂	125 ₆₂	126 ₇₀	0.96 ₉₆	94 ₉₄	9.2 ₉₄	117 ₁₁₇	0.56 ₉₀	5.7 ₉₀	113 ₁₁₃	10.9 ₆₅	15 ₄₇	107 ₁₀₇	149 ₅₈	30 ₅₈	106 ₁₀₆	19.0 ₆₆	-0.1 ₇₇	98 ₉₈	-2.6 ₄₆	102 ₁₀₂	30 ₆₇	48 ₁₂₈	129 ₁₂₉	6 ₁₉	30 ₃₀	
15	ASE 010040 BUROWILL 01 40	45265808	BG 960092 SW 980050	101 ₉₆	115 ₉₅	111 ₉₂	97 ₆₀	85 ₆₅	120 ₇₇	97 ₈₀	107 ₇₈	0.51 ₉₆	100 ₁₀₀	8.6 ₉₅	115 ₁₁₅	0.00 ₉₁	5.0 ₉₂	110 ₁₁₀	11.6 ₉₀	11 ₆₀	103 ₁₀₃	96 ₇₇	8 ₇₇	90 ₉₀	11.4 ₈₁	11.0 ₈₃	1.7 ₄₇	88 ₈₈	9 ₈₂	30 ₉₄	107 ₁₀₇	126 ₁₂₃	30 ₁₁₁		



Tuli Proven Sire List

Growth Value

(All Sires with calves born in the past 3 years and Growth Value Accuracy >50%)

Sire				Selection Values (SV)					Breeding Values (EBVs)											Progeny						
ID Name	Comp. Nr	Status	Sire ID Dam ID	Calving Ease	Calf Growth	Milk	Low Maint.	Cow Fertility	Cow Value	Growth Value	Prod. Value	Birth weight	Weaning weight	Birth Mat.	Milk Maternal	Postwean weight	Mature weight	ADG	Kleiber	Scrotal circumf.	AFC	ICP	Height	Length	Measured	
				SV Acc	SV Acc	SV Acc	SV Acc	SV Acc	SV Acc	SV Acc	SV Acc	SV Acc	SV Acc	EBV Acc	EBV Index	EBV Acc	EBV Index	EBV Acc	EBV Index	EBV Acc	EBV Index	EBV Acc	EBV Index	EBV Acc	EBV Index	EBV Acc
★★★★★									Breed avg: 0.53 100 3.1 100 0.18 100 1.8 100 6.4 100 8 100 90 100 21 100 11.4 100 -1.8 100 -1.9 100 13 100 23 100																	
1	AJB 020034 MOTSWIRI 02 034	46814364	Alive	BG 960016 AJB 970149	121 ₈₄	98 ₇₈	70 ₆₇	102 ₂₃	96 ₃₄	92 ₄₉	140 ₆₄	122 ₅₂	-0.77 ₈₆	2.3 ₇₈	0.64 ₇₁	-7.3 ₆₇	10.8 ₆₄	6 ₂₃	194 ₅₉	92 ₅₉	9.0 ₆₈	11.2 ₄₄	-1.8 ₂₄	19 ₂₆	34 ₂₅	5 13 28
★★★★★☆																										
2	PM 100022 VEN PM100022	72316243	Alive	M 050012 M 070063	90 ₅₄	124 ₇₄	104 ₆₂	89 ₆	115 ₃₀	119 ₄₁	139 ₆₀	135 ₄₅	1.18 ₅₆	11.7 ₇₄	0.56 ₄₁	2.8 ₆₂	23.2 ₅₂	20 ₆	139 ₅₄	19 ₅₄	23.8 ₆₅	-12.1 ₄₂	-5.8 ₁₇	26 ₆₇	46 ₆₃	8 7
3	R 040007 LANGLYF R 04 7	48486039		R 010014 R 970052	94 ₉₃	106 ₉₃	114 ₈₈	62 ₅₆	110 ₆₂	104 ₇₃	134 ₆₈	124 ₇₂	0.66 ₉₄	5.4 ₉₃	1.13 ₈₇	5.8 ₈₈	16.7 ₇₆	50 ₅₆	134 ₆₅	47 ₆₅	7.2 ₇₃	1.5 ₇₅	-5.3 ₄₈	27 ₇₃	29 ₇₁	59 51 10 24 57
★★★★★																										
4	R 030012 LANGLYF R 03 12	47331822	Alive	CR 960004 R 970060	93 ₉₅	117 ₉₄	114 ₉₀	94 ₄₇	102 ₆₂	120 ₇₂	125 ₆₂	126 ₇₀	0.96 ₉₆	9.2 ₉₄	0.56 ₉₀	5.7 ₉₀	10.9 ₆₅	15 ₄₇	149 ₅₈	30 ₅₈	19.0 ₆₆	-0.1 ₇₇	-2.6 ₄₆	30 ₆₇	48 ₆₄	129 102 6 19 30
5	XY 110059 GREAT KAROO XY 110059	74285016	Alive	AM 070005 XY 080032	98 ₇₇	122 ₇₆	87 ₆₆	90 ₂₃	108 ₃₂	110 ₄₈	123 ₆₂	120 ₅₁	0.67 ₇₉	11.2 ₇₆	0.22 ₆₃	-2.3 ₆₆	20.5 ₆₀	19 ₂₃	163 ₅₇	66 ₅₇	12.9 ₆₈	0.0 ₄₄	-4.7 ₁₉	28 ₆₉	33 ₆₅	3 3



Tuli Proven Sire List

Production Value

(All Sires with calves born in the past 3 years and Production Value Accuracy >50%)

Sire				Selection Values (SV)						Breeding Values (EBVs)										Progeny																	
ID Name	Comp. Nr	Status	Sire ID Dam ID	Calving Ease	Calf Growth	Milk	Low Maint.	Cow Fertility	Cow Value	Growth Value	Prod. Value	Birth weight	Weaning weight	Birth Mat.	Milk Maternal	Postwean weight	Mature weight	ADG	Kleiber	Scrotal circumf.	AFC Age 1st calving	ICP Inter calv. period	Height	Length	Measured												
				SV Acc	SV Acc	SV Acc	SV Acc	SV Acc	SV Acc	SV Acc	SV Acc	SV Acc	SV Acc	SV Acc	EBV Acc	EBV Index	EBV Acc	EBV Index	EBV Acc	EBV Index	EBV Acc	EBV Index	EBV Acc	EBV Index	EBV Acc	EBV Index	EBV Acc	EBV Index	Birth Wean	Growth test Dgtrs/Calves							
				Breed avg:						0.53	100	3.1	100	0.18	100	1.8	100	6.4	100	8	100	90	100	21	100	11.4	100	-1.8	100	-1.9	100	13	100	23	100		
★★★★★																																					
1	R 030012	47331822	Alive	CR 960004	R 970060	93 ₉₅	117 ₉₄	114 ₉₀	94 ₄₇	102 ₆₂	120 ₇₂	125 ₆₂	126 ₇₀	0.96 ₉₆	9.2 ₉₄	0.56 ₉₀	5.7 ₉₀	10.9 ₆₅	15 ₄₇	149 ₅₈	30 ₅₈	19.0 ₆₆	-0.1 ₇₇	-2.6 ₄₆	30 ₆₇	48 ₆₄	129 ₁₀₂	6 ₁₉	30								
LANGLYF R 03 12																																					
2	CR 070021	64673478		R 040037	CR 040043	119 ₉₃	128 ₉₁	91 ₈₄	68 ₂₁	95 ₃₄	126 ₅₅	119 ₅₈	125 ₅₆	-0.70 ₉₄	13.4 ₉₁	-0.92 ₈₆	-1.0 ₈₄	21.8 ₈₀	43 ₂₁	130 ₅₃	25 ₅₃	19.8 ₆₂	22.9 ₅₁	-2.5 ₁₇	27 ₆₃	37 ₆₀	112 ₇₃	17 ₇	17								
NONNIE CR0721																																					
3	R 040007	48486039		R 010014	R 970052	94 ₉₃	106 ₉₃	114 ₈₈	62 ₅₆	110 ₆₂	104 ₇₃	134 ₆₈	124 ₇₂	0.66 ₉₄	5.4 ₉₃	1.13 ₈₇	5.8 ₈₈	16.7 ₇₆	50 ₅₆	134 ₆₅	47 ₆₅	7.2 ₇₃	1.5 ₇₅	-5.3 ₄₈	27 ₇₃	29 ₇₁	59 ₅₁	10 ₂₄	10								
LANGLYF R 04 7																																					
4	AM 070050	66151135	Alive	BG 960053	HWP 990258	93 ₉₄	134 ₉₃	112 ₈₈	57 ₄₅	96 ₅₂	123 ₆₈	119 ₈₂	123 ₇₁	1.11 ₉₅	15.4 ₉₃	0.09 ₈₇	5.1 ₈₈	24.0 ₈₀	55 ₄₅	177 ₇₉	43 ₇₉	33.8 ₈₅	-5.9 ₆₈	-0.2 ₃₆	30 ₈₅	48 ₈₄	111 ₈₅	21 ₄	21								
ALPHA OMEGA AM070050																																					
5	AJB 020034	46814364	Alive	BG 960016	AJB 970149	121 ₈₄	98 ₇₈	70 ₆₇	102 ₂₃	96 ₃₄	92 ₄₉	140 ₆₄	122 ₅₂	-0.77 ₈₆	2.3 ₇₈	-0.64 ₇₁	-7.3 ₆₇	10.8 ₆₄	6 ₂₃	194 ₅₉	92 ₅₉	9.0 ₆₈	11.2 ₄₄	-1.8 ₂₄	19 ₂₆	34 ₂₅	5 ₁₃	28									
MOTSWIRI 02 034																																					
6	ASE 060103	63350912	Alive	ASE 010040	HBH 020635	118 ₉₂	115 ₈₉	99 ₈₃	100 ₃₈	93 ₄₄	126 ₆₁	114 ₆₃	121 ₆₁	-0.73 ₉₃	8.5 ₈₉	0.01 ₈₃	1.2 ₈₃	12.4 ₇₆	9 ₃₈	128 ₅₈	19 ₅₈	16.7 ₆₇	-3.1 ₅₈	0.3 ₂₉	18 ₆₉	39 ₆₅	68 ₆₈	16	27								
BUROWILL ASE 06 103																																					
7	XY 110059	74285016	Alive	AM 070005	XY 080032	98 ₇₇	122 ₇₆	87 ₆₆	90 ₂₃	108 ₃₂	110 ₄₈	123 ₆₂	120 ₅₁	0.67 ₇₉	11.2 ₇₆	0.22 ₆₃	-2.3 ₆₆	20.5 ₆₀	19 ₂₃	163 ₅₇	66 ₅₇	12.9 ₆₈	0.0 ₄₄	-4.7 ₁₉	28 ₆₉	33 ₆₅	3 ₃	3									
GREAT KAROO XY 110059																																					
8	HBH 090197	70210604	Alive	W 040026	HBH 000548	123 ₉₀	98 ₈₉	103 ₈₁	91 ₃₂	111 ₃₆	118 ₅₇	117 ₇₆	120 ₆₁	-1.12 ₉₁	2.3 ₈₉	-0.01 ₇₉	2.5 ₈₁	10.3 ₇₉	18 ₃₂	127 ₇₂	34 ₇₂	12.9 ₈₀	-2.2 ₄₉	-5.3 ₂₃	21 ₈₁	41 ₇₈	33 ₃₂	11									
HBH HBH 090197																																					



Tuli Proven Sire List

All Sires

(All Sires with calves born in the past 3 years and Cow Value Accuracy >50%)

Sire				Selection Values (SV)						Breeding Values (EBVs)										Progeny																		
ID Name	Comp. Nr	Status	Sire ID Dam ID	Calving Ease	Calf Growth	Milk	Low Maint.	Cow Fertility	Cow Value	Growth Value	Prod. Value	Birth weight	Weaning weight	Birth Mat.	Milk Maternal	Postwean weight	Mature weight	ADG	Kleiber	Scrotal circumf.	AFC		ICP		Height	Length	Measured											
				SV Acc	SV Acc	SV Acc	SV Acc	SV Acc	SV Acc	SV Acc	SV Acc	SV Acc	SV Acc	SV Acc	EBV Acc	Index	EBV Acc	Index	EBV Acc	Index	EBV Acc	Index	EBV Acc	Index	EBV Acc	Index	EBV Acc	Index	EBV Acc	Index	Birth Wean	Growth test Dgtrs/Calves						
Breed avg:											0.53	100	3.1	100	0.18	100	1.8	100	6.4	100	8	100	90	100	21	100	11.4	100	-1.8	100	-1.9	100	13	100	23	100		
1	ADM 060050	63874929	Alive	HBH 000534 CR 950018	97 ₇₅	113 ₇₄	103 ₆₅	86 ₂₆	99 ₃₈	108 ₅₀	104 ₆₃	107 ₅₃	0.79 ₇₆	7.7 ₉₇	0.07 ₆₂	2.5 ₆₅	14.3 ₆₀	23 ₂₆	103 ₅₈	9 ₅₈	13.5 ₆₈	-3.4 ₅₀	-1.4 ₂₇	30 ₇₀	44 ₆₆	12												
2	AM 050009	62426531		CR 010028 HBH 020684	100 ₉₂	107 ₉₃	132 ₈₈	104 ₄₈	75 ₅₈	126 ₇₀	88 ₆₆	105 ₆₉	0.81 ₉₃	5.8 ₉₃	-0.60 ₈₄	11.2 ₈₈	7.8 ₈₄	4 ₄₈	91 ₆₂	10 ₆₂	10.7 ₆₉	22.9 ₇₅	3.6 ₄₂	16 ₇₀	30 ₆₈	59	8											
3	AM 060006	63016117	Alive	HWP 990250 W 020033	102 ₈₆	99 ₈₂	109 ₇₂	87 ₃₇	86 ₄₄	100 ₅₈	92 ₄₆	95 ₅₆	0.52 ₈₇	2.6 ₈₂	-0.18 ₇₄	4.2 ₇₂	5.1 ₄₆	23 ₃₇	115 ₄₁	25 ₄₁	31.3 ₅₀	9.0 ₅₅	1.5 ₃₃	24 ₅₁	36 ₄₈	29	2											
4	AM 070005	64320740	Alive	H 030073 AM 030005	119 ₉₃	102 ₉₃	81 ₈₈	97 ₃₉	106 ₅₂	103 ₆₆	107 ₇₄	106 ₆₈	-0.69 ₉₄	3.9 ₁₁₅	-0.38 ₈₅	-4.1 ₈₈	4.4 ₈₆	12 ₃₉	168 ₇₂	74 ₇₂	22.2 ₇₈	-4.3 ₇₁	-3.5 ₃₂	18 ₇₉	29 ₁₁₀	74	19											
5	AM 070036	65581464	Alive	BG 960053 AM 030003	125 ₉₂	90 ₈₉	99 ₈₂	102 ₄₁	90 ₄₅	107 ₆₂	95 ₆₆	100 ₆₃	-1.70 ₉₃	-0.6 ₈₉	-0.04 ₈₃	1.3 ₈₂	-0.3 ₈₀	7 ₄₁	80 ₆₂	19 ₆₂	8.1 ₇₁	-7.6 ₅₈	1.6 ₃₂	20 ₇₂	22 ₆₉	62												
6	AM 070050	66151135	Alive	BG 960053 HWP 990258	93 ₉₄	134 ₉₃	112 ₈₈	57 ₄₅	96 ₅₂	123 ₆₈	119 ₈₂	123 ₇₁	1.11 ₉₅	15.4 ₉₃	0.09 ₈₇	5.1 ₈₈	24.0 ₈₀	55 ₄₅	177 ₇₉	43 ₇₉	33.8 ₈₅	-5.9 ₆₈	-0.2 ₃₆	30 ₈₅	48 ₁₂₈	111	21											
7	AM 070053	66128976		ASE 010040 ADM 010002	104 ₉₂	93 ₉₁	93 ₈₄	90 ₄₃	99 ₄₄	88 ₆₃	106 ₆₆	98 ₆₄	0.46 ₉₃	0.7 ₉₁	-0.39 ₈₃	-0.6 ₈₄	-3.8 ₈₀	20 ₄₃	114 ₆₁	30 ₆₁	16.8 ₇₁	0.3 ₆₂	-1.8 ₂₇	16 ₇₂	28 ₁₀₅	56	4											
8	AM 080003	66296401	Alive	W 991232 AM 030008	98 ₉₀	103 ₈₄	91 ₇₅	88 ₂₈	98 ₃₈	90 ₅₅	76 ₄₂	80 ₅₂	0.64 ₉₁	4.0 ₈₄	0.41 ₈₀	-1.2 ₇₅	2.9 ₅₈	21 ₂₈	67 ₄₀	4 ₄₀	12.7 ₄₆	-4.4 ₅₄	-1.0 ₂₃	6 ₄₆	20 ₄₄	96												
9	AM 080051	67758946	Alive	W 991232 CR 020058	112 ₈₈	93 ₈₄	93 ₇₆	99 ₂₄	91 ₃₆	95 ₅₃	93 ₆₂	93 ₅₅	-0.42 ₈₉	0.6 ₈₄	0.27 ₇₆	-0.6 ₇₆	-1.3 ₅₄	10 ₂₄	49 ₅₇	-8 ₅₇	6.8 ₆₈	0.1 ₅₀	0.7 ₂₃	-3 ₆₉	12 ₆₅	54	1											
10	AM 090025	69754620	Alive	HBH 060976 AM 070002	122 ₈₂	99 ₇₉	124 ₆₉	101 ₂₈	83 ₃₂	131 ₅₀	105 ₆₃	118 ₅₃	-1.15 ₈₃	2.8 ₇₉	0.31 ₆₉	8.9 ₆₉	5.0 ₅₇	7 ₂₈	112 ₅₈	22 ₅₈	14.8 ₆₉	-0.6 ₄₄	3.3 ₂₁	20 ₇₀	33 ₆₆	27												
11	AM 090036	69754745	Alive	H 030073 ADM 010061	93 ₈₉	109 ₈₂	77 ₇₄	96 ₃₆	115 ₃₉	89 ₅₆	108 ₆₇	100 ₅₈	1.20 ₉₀	6.5 ₈₂	-0.11 ₇₈	-5.3 ₇₄	8.1 ₆₇	13 ₃₆	116 ₆₃	36 ₆₃	16.1 ₇₂	5.1 ₅₀	-7.2 ₂₈	12 ₇₃	24 ₉₈	42												
12	AM 100079	72346497	Alive	W 060015 AM 060028	101 ₈₃	106 ₈₁	99 ₇₁	90 ₂₈	97 ₃₄	103 ₅₂	89 ₆₂	94 ₅₄	0.54 ₈₄	5.3 ₈₁	-0.06 ₆₉	1.3 ₇₁	5.6 ₅₀	19 ₂₈	84 ₅₇	-1 ₅₇	25.2 ₆₈	8.6 ₄₆	-2.0 ₂₂	6 ₇₀	31 ₈₉	18												
13	AM 100112	72461650	Alive	W 060015 AM 060010	105 ₈₆	113 ₇₄	80 ₆₃	89 ₂₉	105 ₃₅	100 ₅₀	100 ₆₂	100 ₅₂	0.14 ₈₇	7.8 ₇₄	0.24 ₇₃	-4.4 ₆₃	11.1 ₅₀	21 ₂₉	74 ₅₇	-4 ₅₇	14.2 ₆₈	2.0 ₄₇	-3.8 ₂₃	-8 ₇₀	24 ₆₆	18												
14	AM 100114	72461676	Alive	H 050089 ALPHA OMEGA AM100114	108 ₈₉	115 ₈₇	107 ₇₉	73 ₂₆	103 ₃₈	119 ₅₆	99 ₄₉	108 ₅₅	0.05 ₉₀	8.5 ₈₇	-0.20 ₇₉	3.6 ₇₉	4.9 ₅₅	37 ₂₆	115 ₄₇	22 ₄₇	17.9 ₅₂	-7.0 ₅₁	-2.4 ₂₆	0 ₅₂	29 ₈₀	28												
15	ASE 010040	45265808		BG 960092 SW 980050	101 ₉₆	115 ₉₅	111 ₉₂	97 ₆₀	85 ₆₅	120 ₇₇	97 ₈₀	107 ₇₈	0.51 ₉₆	8.6 ₉₅	0.00 ₉₁	5.0 ₉₂	11.6 ₉₀	11 ₆₀	96 ₇₇	8 ₇₇	11.4 ₈₁	11.0 ₈₃	1.7 ₄₇	9 ₈₂	30 ₈₀	126	30											
16	ASE 060103	63350912	Alive	ASE 010040 HBH 020635	118 ₉₂	115 ₈₉	99 ₈₃	100 ₃₈	93 ₄₄	126 ₆₁	114 ₆₃	121 ₆₁	-0.73 ₉₃	8.5 ₈₉	0.01 ₈₃	1.2 ₈₃	12.4 ₇₆	9 ₃₈	128 ₅₈	19 ₅₈	16.7 ₆₇	-3.1 ₅₈	0.3 ₂₉	18 ₆₉	39 ₆₅	68	16											
17	ASE 060105	63367908	Alive	PT 990012 ASE 010033	104 ₈₄	90 ₇₈	116 ₇₀	120 ₃₁	98 ₃₈	111 ₅₃	82 ₆₀	93 ₅₄	0.35 ₈₆	-0.6 ₇₈	-0.10 ₇₁	6.3 ₇₀	-0.3 ₆₉	-13 ₃₁	47 ₅₆	-5 ₅₆	11.0 ₆₆	-8.8 ₅₂	-0.7 ₂₅	-6 ₆₇	16 ₆₃	26	1											
18	AVR 060051	64103401		CR 030052 CR 010023	95 ₉₂	110 ₈₉	95 ₈₃	76 ₄₅	94 ₅₁	94 ₆₅	119 ₆₆	109 ₆₅	0.85 ₉₃	6.7 ₈₉	0.37 ₈₃	0.0 ₈₃	17.1 ₇₈	34 ₄₅	152 ₆₂	58 ₆₂	17.1 ₆₄	13.1 ₆₇	-1.5 ₃₅	21 ₆₅	32 ₁₁₃	60	10											
19	BEU 060023	62889001	Alive	CR 030070 CR 020009	101 ₉₅	105 ₉₅	88 ₉₀	100 ₅₃	113 ₅₂	100 ₇₀			0.60 ₉₆	5.0 ₉₅	-0.16 ₉₀	-2.0 ₉₀	19.3 ₇₄	8 ₅₃	75 ₁₅	16 ₁₅	15.2 ₂₂	-9.7 ₇₃	-5.3 ₃₂	10 ₂₁	17 ₉₃	150	19											
20	BEU 080088	67381061	Alive	H 030011 SIG 000014	105 ₇₉	109 ₇₅	75 ₆₅	97 ₃₇	83 ₄₂	89 ₅₄	109 ₂₇	101 ₄₉	0.26 ₈₀	6.2 ₇₅	-0.10 ₆₆	-5.8 ₆₅	10.0 ₅₆	12 ₃₇	94 ₂₄	18 ₂₄	13.3 ₃₁	-5.1 ₅₃	3.7 ₃₀	18 ₃₀	31 ₁₀₉	11												



Tuli Proven Sire List

All Sires

(All Sires with calves born in the past 3 years and Cow Value Accuracy >50%)

Sire				Selection Values (SV)					Breeding Values (EBVs)										Progeny																				
ID Name	Comp. Nr	Status	Sire ID Dam ID	Calving Ease	Calf Growth	Milk	Low Maint.	Cow Fertility	Cow Value	Growth Value	Prod. Value	Birth weight	Weaning weight	Birth Mat.	Milk Maternal	Postwean weight	Mature weight	ADG	Kleiber	Scrotal circumf.	AFC		ICP		Height	Length	Measured												
				SV Acc	SV Acc	SV Acc	SV Acc	SV Acc	SV Acc	SV Acc	SV Acc	SV Acc	SV Acc	SV Acc	EBV Acc	EBV Index	EBV Acc	EBV Index	EBV Acc	EBV Index	EBV Acc	EBV Index	EBV Acc	EBV Index	EBV Acc	EBV Index	EBV Acc	EBV Index	EBV Acc	EBV Index	Birth Wean	Growth test Dgtrs/Calves							
Breed avg:												0.53	100	3.1	100	0.18	100	1.8	100	6.4	100	8	100	90	100	21	100	11.4	100	-1.8	100	-1.9	100	13	100	23	100		
61	PS 020118	47280979	HKL 972004	98 ₈₈	98 ₉₀	44 ₈₄	90 ₄₂	111 ₅₉	54 ₆₈	92 ₆₆	73 ₆₈	0.98 ₈₉	2.2 ₉₀	-0.72 ₇₇	-15.3 ₈₄	-5.2 ₈₄	19 ₄₂	61 ₆₂	10 ₉₁	16.2 ₇₁	37.6 ₇₆	-8.6 ₄₂	20 ₇₂	23 ₆₉	35 ₅₈	1 ₂₄													
62	PT 010033	45340023	Alive	J 942990	128 ₈₄	101 ₇₆	70 ₆₆	123 ₂₁	105 ₄₂	109 ₅₁	77 ₆₆	89 ₅₄	-1.44 ₈₅	3.5 ₇₆	-0.33 ₇₀	-7.2 ₆₆	3.8 ₅₉	-16 ₂₁	1 ₆₁	-24 ₆₆	6.5 ₇₁	-3.5 ₅₅	-3.4 ₂₈	-1 ₃₄	4 ₇₇	78 ₂	5 ₆												
63	PT 010037	45340189	Alive	J 942990	118 ₉₀	102 ₈₇	123 ₇₉	119 ₄₃	111 ₅₅	141 ₆₅	82 ₆₆	108 ₆₅	-0.91 ₉₁	3.8 ₈₇	0.45 ₈₀	8.4 ₇₉	8.8 ₇₆	-12 ₄₃	42 ₆₁	-3 ₆₁	8.5 ₇₀	-14.1 ₆₉	-4.3 ₄₁	3 ₃₄	13 ₃₂	68 ₅₆	14 ₃₆												
64	PT 040039	60005097	Alive	PT 000045	118 ₉₀	114 ₈₄	54 ₇₅	122 ₃₇	129 ₅₄	107 ₆₃	75 ₄₀	87 ₅₈	-0.71 ₉₁	8.1 ₈₄	-0.13 ₈₀	-12.3 ₇₅	9.0 ₄₄	-15 ₃₇	-5 ₃₆	-27 ₆₄	8.3 ₄₄	-9.4 ₆₉	-10.3 ₃₉	1 ₁₄	3 ₈	61 ₅₁	19 ₅₃												
65	R 030012	47331822	Alive	CR 960004	93 ₉₅	117 ₉₄	114 ₉₀	94 ₄₇	102 ₆₂	120 ₇₂	125 ₆₂	126 ₇₀	0.96 ₉₆	9.2 ₉₄	0.56 ₉₀	5.7 ₉₀	10.9 ₆₅	15 ₄₇	149 ₅₈	30 ₁₁₉	19.0 ₆₆	-0.1 ₇₇	-2.6 ₄₆	30 ₆₇	48 ₁₂₉	129 ₁₀₂	6 ₁₉												
66	R 040007	48486039	Alive	R 010014	94 ₉₃	106 ₉₃	114 ₈₈	62 ₅₆	110 ₆₂	104 ₇₃	134 ₆₈	124 ₇₂	0.66 ₉₄	5.4 ₉₃	1.13 ₈₇	5.8 ₈₈	16.7 ₇₆	50 ₅₆	134 ₆₅	47 ₁₁₉	7.2 ₇₃	1.5 ₇₅	-5.3 ₄₈	27 ₇₃	29 ₁₀₇	59 ₅₁	10 ₂₄												
67	R 050008	61216263	Alive	R 010014	119 ₉₃	102 ₉₃	84 ₈₇	81 ₃₀	108 ₅₆	102 ₆₆	104 ₆₀	104 ₆₅	-1.09 ₉₄	3.9 ₉₃	0.72 ₈₆	-3.1 ₈₇	12.4 ₇₉	29 ₃₀	104 ₅₆	33 ₁₀₈	14.8 ₆₄	-25.1 ₇₂	-2.3 ₃₉	16 ₆₅	21 ₁₀₅	123 ₁₀₆	10 ₁₇												
68	R 060050	63354161	Alive	T 000012	110 ₉₁	94 ₉₁	99 ₈₅	105 ₄₀	97 ₄₉	102 ₆₄	101 ₂₈	102 ₅₇	-0.56 ₉₂	0.9 ₉₁	1.69 ₈₁	1.4 ₈₅	3.6 ₅₇	3 ₄₀	103 ₂₄	30 ₁₀₆	14.6 ₃₁	-5.3 ₆₃	-0.6 ₃₅	15 ₃₂	26 ₁₀₃	35 ₅₁	12 ₁₇												
69	R 070008	64513401	Alive	CR 030069	93 ₉₅	111 ₉₅	85 ₉₀	90 ₂₇	71 ₄₉	84 ₆₄			1.27 ₉₆	7.0 ₉₅	-0.33 ₉₀	-2.8 ₉₀	5.1 ₆₂	19 ₂₇	126 ₁₂	34 ₁₁₀	16.8 ₂₀	34.3 ₆₉	3.9 ₂₉	21 ₁₉	32 ₁₁₀	127 ₁₀₆	12 ₁₅												
70	R 070041	65023277	Alive	CR 030069	112 ₉₀	100 ₈₉	111 ₈₁	105 ₂₆	70 ₄₄	112 ₅₉			-0.33 ₉₁	3.1 ₈₉	-0.02 ₈₀	4.8 ₈₁	8.0 ₅₃	3 ₂₆	83 ₁₅	27 ₁₀₄	9.9 ₂₁	20.6 ₅₈	5.4 ₂₉	15 ₂₁	18 ₉₄	32 ₃₆	3 ₃												
71	R 070069	65022089	Alive	CR 030070	94 ₉₄	97 ₉₃	87 ₈₈	92 ₃₀	98 ₄₇	80 ₆₃			1.05 ₉₅	2.0 ₉₃	-0.02 ₈₈	-2.2 ₈₈	9.0 ₅₆	17 ₃₀	76 ₁₃	16 ₉₆	11.3 ₁₉	13.6 ₆₉	-2.5 ₂₅	12 ₁₉	18 ₁₀₀	92 ₇₉	14 ₁₄												
72	R 090006	68474253	Alive	W 050007	104 ₈₈	96 ₈₆	94 ₇₈	87 ₃₀	89 ₃₈	89 ₅₆	107 ₂₃	99 ₄₉	0.03 ₈₉	1.6 ₈₆	0.74 ₇₆	-0.3 ₇₈	6.1 ₃₈	22 ₃₀	95 ₂₁	24 ₁₀₂	14.0 ₂₆	1.7 ₄₈	1.1 ₂₇	15 ₂₅	24 ₁₀₁	26 ₂₂													
73	R 090057	69970168	Alive	AJB 040143	93 ₉₂	103 ₉₁	88 ₈₄	101 ₂₁	84 ₂₈	84 ₅₃	102 ₂₄	94 ₄₇	1.21 ₉₃	4.0 ₉₁	-0.15 ₈₄	-2.0 ₈₄	2.9 ₅₆	7 ₂₁	106 ₂₁	31 ₁₀₈	12.1 ₂₈	-3.3 ₄₁	3.1 ₁₆	13 ₂₂	27 ₁₀₄	59 ₄₇													
74	R 100131	71981054	Alive	R 060052	102 ₈₆	110 ₈₅	101 ₇₆	81 ₂₁	97 ₃₄	105 ₅₂			0.44 ₈₈	6.6 ₈₅	0.10 ₇₃	1.8 ₇₆	8.4 ₃₈	29 ₂₁			16.9 ₉	4.0 ₄₅	-1.5 ₂₃	25 ₇		19 ₁₇													
75	SW 060039	63613590	Alive	AJB 020021	101 ₉₃	94 ₉₂	111 ₈₆	105 ₃₆	88 ₄₇	102 ₆₃	111 ₄₅	108 ₅₉	0.63 ₉₄	0.9 ₉₂	-0.39 ₈₆	5.0 ₈₆	5.7 ₈₆	4 ₃₆	145 ₄₁	57 ₁₂₇	17.4 ₄₉	-10.5 ₆₇	2.4 ₂₇	15 ₄₃	31 ₁₀₄	147 ₁₂₉	2 ₁₄												
76	SW 080043	68334176	Alive	CR 010015	99 ₉₂	101 ₈₉	114 ₈₂	112 ₂₉	111 ₄₀	117 ₅₈	99 ₂₀	108 ₅₀	0.91 ₉₃	3.5 ₈₉	-0.57 ₈₃	5.9 ₈₂	2.2 ₈₂	-4 ₂₉	95 ₁₆	17 ₉₇	14.3 ₂₃	-12.4 ₅₁	-4.6 ₂₈	16 ₂₃	26 ₁₀₃	81 ₆₂													
77	SW 080096	67749341	Alive	PT 010037	96 ₈₂	110 ₇₃	122 ₆₂	100 ₃₀	112 ₃₆	126 ₅₀	91 ₃₅	106 ₄₇	0.92 ₈₄	6.7 ₇₃	0.05 ₆₈	8.2 ₆₂	14.2 ₆₅	8 ₃₀	71 ₃₁	5 ₈₈	16.4 ₃₈	-8.4 ₄₆	-5.1 ₂₅	8 ₂₂	22 ₉₈	31 ₂													
78	SW 090070	69593192	Alive	HBH 030739	85 ₈₂	114 ₇₃	102 ₆₃	84 ₃₁	87 ₃₆	95 ₅₀	114 ₃₄	107 ₄₇	1.34 ₈₃	8.1 ₇₃	1.22 ₆₉	2.1 ₆₃	14.9 ₆₆	25 ₃₁	136 ₃₁	29 ₁₀₆	17.8 ₃₇	-5.3 ₄₇	2.4 ₂₆	28 ₃₇	40 ₁₂₅	11 ₃₅													
79	T 080087	67556019	Alive	H 990074	112 ₈₅	106 ₈₂	80 ₇₃	107 ₂₆	94 ₃₇	102 ₅₃	103 ₄₃	103 ₅₁	-0.06 ₈₆	5.4 ₈₂	-0.67 ₇₂	-4.3 ₇₃	10.4 ₇₀	0 ₂₆	118 ₃₉	42 ₁₁₅	18.0 ₄₇	-15.9 ₄₉	1.1 ₂₅	21 ₄₈	26 ₁₁₅	16 ₁₄	1												
80	T 090068	70120407	Alive	T 040051	102 ₈₂	90 ₈₃	84 ₇₃	133 ₂₃	94 ₃₀	88 ₅₀	98 ₂₀	93 ₄₄	0.69 ₈₄	-0.5 ₈₃	-0.60 ₆₈	-3.3 ₇₃	0.4 ₆₆	-27 ₂₃	79 ₁₇	27 ₁₀₄	8.7 ₂₃	-12.3 ₄₂	0.8 ₁₈	9 ₂₃	17 ₉₂	24 ₁₈													



Tuli Proven Sire List

All Sires

(All Sires with calves born in the past 3 years and Cow Value Accuracy >50%)

Sire				Selection Values (SV)									Breeding Values (EBVs)												Progeny														
ID Name	Comp. Nr	Status	Sire ID Dam ID	Calving Ease	Calf Growth	Milk	Low Maint.	Cow Fertility	Cow Value	Growth Value	Prod. Value	Birth weight	Weaning weight	Birth Mat.	Milk Maternal	Postwean weight	Mature weight	ADG	Kleiber	Scrotal circumf.	AFC		ICP		Height	Length	Measured												
				SV Acc	SV Acc	SV Acc	SV Acc	SV Acc	SV Acc	SV Acc	SV Acc	SV Acc	SV Acc	SV Acc	EBV Acc	Index	EBV Acc	Index	EBV Acc	Index	EBV Acc	Index	EBV Acc	Index	EBV Acc	Index	EBV Acc	Index	EBV Acc	Index	Birth Wean	Growth test Dgtrs/Calves							
Breed avg:												0.53	100	3.1	100	0.18	100	1.8	100	6.4	100	8	100	90	100	21	100	11.4	100	-1.8	100	-1.9	100	13	100	23	100		
81	V 070107	68818624	Alive	DK 952394 V 030004	108 ₈₉	97 ₈₁	109 ₇₂	115 ₃₆	95 ₄₀	113 ₅₆	115 ₃₄	116 ₅₂	0.13 ₉₀	1.9 ₈₁	-0.35 ₇₇	4.4 ₇₂	6.1 ₅₀	-8 ₃₆	100 ₃₂	31 ₃₂	8.7 ₃₇	-9.8 ₄₉	0.2 ₃₁	93 ₉₃	16 ₃₆	26 ₃₅	24 ₂₀												
82	W 000080	44657104		ALZ 910004 HKL 920007	91 ₉₄	98 ₉₂	89 ₈₅	73 ₄₃	88 ₅₆	73 ₆₈	64 ₆₈	64 ₆₈	1.00 ₉₅	2.5 ₉₂	0.86 ₈₆	-1.6 ₈₅	-7.6 ₇₄	37 ₄₃	38 ₆₃	-13 ₆₃	2.5 ₇₃	-1.8 ₇₄	1.9 ₃₇	87 ₈₇	4 ₇₄	13 ₇₁	91 ₅₇	3 ₁₅											
83	W 040036	61433058		JM 960055 W 000065	97 ₉₁	103 ₉₀	123 ₈₄	88 ₄₇	74 ₅₃	108 ₆₇	103 ₇₆	106 ₆₉	0.47 ₉₂	4.3 ₉₀	1.17 ₈₃	8.5 ₈₄	11.7 ₈₀	21 ₄₇	78 ₇₂	0 ₇₂	18.5 ₇₉	15.5 ₆₅	4.6 ₄₁	78 ₇₈	16 ₈₀	30 ₇₈	62 ₅₅	11 ₂₆											
84	W 060015	63234785	Alive	JM 960055 W 950003	98 ₉₃	104 ₉₂	79 ₈₅	95 ₄₃	83 ₅₅	81 ₆₈	64 ₆₆	67 ₆₈	0.72 ₉₄	4.4 ₉₂	0.10 ₈₆	-4.8 ₈₅	3.9 ₆₈	13 ₄₃	20 ₆₂	-26 ₆₂	9.8 ₇₀	12.6 ₇₄	2.2 ₃₆	86 ₈₆	-14 ₇₁	14 ₆₈	83 ₄₆	7 ₁₀											
85	W 090025	69541712	Alive	R 030012 W 060053	90 ₈₁	109 ₇₉	104 ₇₀	97 ₃₀	96 ₃₆	102 ₅₂	104 ₃₉	104 ₄₉	1.20 ₈₂	6.2 ₇₉	0.41 ₆₈	2.8 ₇₀	5.2 ₄₅	11 ₃₀	109 ₃₆	21 ₃₆	15.4 ₄₃	9.3 ₄₈	-1.7 ₂₅	99 ₉₉	17 ₄₃	32 ₄₁	11 ₁₁												
86	WF 090125	70066105	Alive	H 050089 H 020058	96 ₈₄	107 ₇₂	104 ₆₃	80 ₂₉	100 ₃₈	101 ₅₀	113 ₄₄	109 ₄₉	0.91 ₈₅	5.6 ₇₂	0.03 ₇₁	2.7 ₆₃	11.5 ₄₆	31 ₂₉	114 ₄₃	31 ₄₃	10.5 ₄₇	-16.9 ₅₀	-0.6 ₂₆	96 ₉₆	2 ₄₇	26 ₄₆	21 ₂₁												
87	XY 090009	69771418	Alive	HBH 061018 XY 060044	97 ₈₄	108 ₈₁	105 ₇₂	89 ₃₀	99 ₃₆	105 ₅₃	99 ₄₄	102 ₅₁	0.85 ₈₆	5.9 ₈₁	-0.09 ₇₁	3.0 ₇₂	10.2 ₆₀	21 ₃₀	88 ₄₁	26 ₄₁	6.1 ₄₅	-3.9 ₄₇	-1.3 ₂₄	98 ₉₈	18 ₄₅	20 ₄₄	21 ₁₉												
88	XY 090063	70192745	Alive	ASE 010040 XY 060034	116 ₇₉	90 ₇₅	88 ₆₅	102 ₃₀	99 ₃₈	95 ₅₁	81 ₆₄	86 ₅₄	-0.72 ₈₁	-0.6 ₇₅	0.25 ₆₅	-1.9 ₆₅	-0.7 ₅₇	6 ₃₀	46 ₅₉	-8 ₅₉	6.9 ₄₈	6.7 ₄₉	-2.5 ₂₇	102 ₁₀₂	5 ₄₈	18 ₄₆	13 ₁	2 ₂											
89	XY 100037	72398357	Alive	ASE 010040 XY 070018	91 ₇₉	115 ₇₄	93 ₆₄	87 ₂₈	97 ₃₇	99 ₅₀	99 ₆₄	99 ₅₃	1.22 ₈₁	8.8 ₇₄	0.15 ₆₅	-0.5 ₆₄	11.6 ₆₀	23 ₂₈	109 ₅₉	25 ₅₉	12.7 ₆₈	-0.3 ₄₉	-1.2 ₂₅	97 ₉₇	19 ₇₀	32 ₆₆	9 ₆												
90	XY 100049	72399447	Alive	HBH 040858 XY 070028	99 ₈₈	106 ₈₅	101 ₇₆	84 ₃₀	92 ₃₄	99 ₅₄	107 ₆₄	104 ₅₆	0.69 ₈₉	5.2 ₈₅	0.06 ₇₅	1.9 ₇₆	9.9 ₇₆	26 ₃₀	103 ₆₀	20 ₆₀	15.3 ₆₉	21.6 ₄₄	-1.4 ₂₄	98 ₉₈	16 ₇₁	27 ₆₇	20 ₁₈												
91	XY 100093	72399058	Alive	HBH 061018 XY 080018	112 ₈₀	91 ₇₉	93 ₆₉	80 ₃₅	91 ₃₆	87 ₅₃	105 ₆₄	97 ₅₅	-0.37 ₈₂	-0.1 ₇₉	0.26 ₆₇	-0.4 ₆₉	0.8 ₅₈	30 ₃₅	87 ₆₀	34 ₆₀	1.0 ₆₉	-0.9 ₄₇	0.9 ₂₄	90 ₉₀	19 ₇₁	15 ₆₇	10 ₇												
92	XY 110001	74284860	Alive	ASE 010040 XY 060048	92 ₈₀	119 ₈₅	100 ₇₆	83 ₃₀	98 ₃₈	108 ₅₅	102 ₆₄	105 ₅₇	0.91 ₈₁	10.1 ₈₅	0.85 ₆₇	1.6 ₇₆	19.2 ₆₈	26 ₃₀	137 ₅₉	43 ₅₉	11.8 ₆₉	2.3 ₄₉	-1.8 ₂₆	100 ₁₀₀	12 ₇₀	30 ₆₆	8 ₂₂												