



Shear Force

RESEARCH BREEDING VALUES

AUGUST 2026

BACKGROUND

Angus Australia has partnered with the Animal Genetics and Breeding Unit (AGBU) and the Agricultural Business Research Institute (ABRI) to undertake research into the genetics of beef shear force in Australian Angus Cattle.

Shear Force, being an objective assessment of beef tenderness, has been identified as a trait of interest, as it is related to consumer eating experience.

As a result of this collaborative research, Shear Force RBVs are now routinely analyzed every two weeks in the TransTasman Angus Cattle Evaluation (TACE). To underpin this analysis, shear force measurements have been collected on beef samples from progeny in the Angus Sire Benchmarking Program. Angus animals, mostly steers, that are measured for shear force between 300 and 1000 days of age at slaughter are included in the analysis.

Shear Force measurements were collected using the laboratory assessed warner bratzler (WB) method. This involves measuring the force (in kg) it takes pull a blade through a piece of cooked meat. For this study, the samples are all collected from the Longissimus dorsi muscle at the 12th/13th rib grading site (i.e. cube role).



Study of the Angus Australia data by AGBU has demonstrated that a significant portion of the differences in beef shear force of individual animals can be attributed to genetics, having a moderate **heritability of 0.37**. Genetic correlations were not estimated due to the small current reference population size for this trait (n=1,169 as of May 2023).

From this collaborative research, couple with an initial reference population (phenotypes, genotypes and pedigree), it is now possible to generate breeding values for Shear Force and select animals for use within Angus breeding programs with desirable genetics for this trait.

UNDERSTANDING THE RESEARCH BREEDING VALUES

Shear Force Research Breeding Values (RBVs) are provided in this publication for sires with (i) at least 25% accuracy for their Shear Force RBV, and (ii) one or more progeny born in the last two years.

Shear Force (SF) RBVs are estimates of genetic differences between animals in objective beef tenderness.

SF RBVs are calculated from laboratory assessed beef shear force measurements using the Warner Bratzler (WB) method, pedigree and genomics. SF RBVs are expressed in kilograms of shear force that are required to pull a mechanical blade through a piece of cooked meat.

Lower, more negative, SF RBVs are more favourable, indicating that less shear force is required, and hence that the meat is more tender.

USING THE RESEARCH BREEDING VALUES IN SELECTION

The Research Breeding Values in this publication enable Angus breeders to select animals with desirable genetics for beef shear force, balanced with selection for other traits of importance within their breeding objective.

It is important to note that the Research Breeding Values are subject to greater potential change than EBVs routinely reported as part of the TransTasman Angus Cattle Evaluation (TACE) and should be used with caution in animal selection decisions.

Research Breeding Values may change as improvements are made to the analytical models that are used, and as additional performance information is collected.

ACKNOWLEDGEMENTS

Angus Australia gratefully acknowledges the contributions of Animal Genetics and Breeding Unit (AGBU) and the Agricultural Business Research Institute (ABRI), and in particular, Dr Gilbert Jeyaruban, Dr Steve Miller, Dr Natalie Connors, Dr Andrew Swan, Dr David Johnston and Dr Brad Crook, in the calculation of the Research Breeding Values that are included in this publication.

Angus Australia also acknowledges:

- Meat and Livestock Australia (MLA), particularly for the related R&D funding supplied to AGBU and for the Angus Sire Benchmarking program.
- The University of New England (UNE) Meat Science team particularly Dr Peter McGilchrist and Xuemei Han.

DISCLAIMER

The Research Breeding Values contained within this publication were calculated from data supplied to Angus Australia by members and/or third parties. Whilst every effort is made to ensure the accuracy of the data, Angus Australia, its officers and employees, assume no responsibility for the accuracy of the RBVs, nor the outcome (including consequential loss) of an action taken based on the information presented in this publication.

Date: July 30, 2026

Page: 1

Ident	Name		2023 EBVs																									
Sire Dam	Reg.	Shear Force	Calv-Ease		Birth		Growth			Maternal		Fert		Carcase						Feed	Temp	Structural			Selection Index			
			Dir	Dtrs	GL	BW	200	400	600	MCW	Milk	SS	DC	CW	EMA	Rib	P8	RBY	IMF	NFI-F	Doc	Claw	Angle	Leg	\$A	\$A-L		
QRB22T10 USA17328461 NBNH88	AISTHORPE LM TORNADO T10 HBR	+0.01 38% 67	+1.2 73% 66	-3.4 64% 94	-5.7 89% 33	+5.1 87% 77	+55 87% 37	+98 86% 39	+127 86% 39	+111 83% 37	+16 78% 59	+3.6 80% 11	-4.1 54% 70	+73 78% 40	+7.9 78% 37	-0.9 78% 71	-2.2 79% 80	+1.0 73% 16	+1.9 80% 65	-0.31 68% 7	+8 81% 92	+0.90 79% 63	+0.92 79% 37	+0.72 74% 2	\$200 65	\$345 65		
NXO21S957 NXOQ654 NXOP733	AJC S957 ^{PV} APR	-0.19 39% 9	+5.8 74% 25	+9.4 61% 3	-5.1 92% 42	+3.3 92% 39	+54 90% 42	+97 90% 42	+127 90% 37	+70 85% 90	+23 79% 15	+2.4 83% 41	-8.6 47% 3	+71 79% 44	+7.9 77% 37	+2.1 78% 13	+1.3 78% 26	-1.0 70% 97	+8.1 79% 1	+0.22 65% 48	+36 83% 8	+0.96 81% 74	+0.92 81% 37	+0.94 76% 25	\$313 1	\$473 1		
ARRR11 CAN2043806 QMUN24	ALKIRA RENEGADE R11 ^{PV} HBR	+0.27 37% 99	+7.5 69% 12	+5.9 60% 25	-4.0 96% 60	+2.5 95% 23	+48 93% 70	+98 93% 39	+127 93% 59	+97 88% 37	+26 82% 7	+2.1 86% 53	-8.7 56% 3	+78 90% 26	+5.9 89% 60	+1.1 88% 27	+0.3 90% 41	+0.2 79% 58	+1.3 91% 78	+0.51 83% 78	+1 89% 99	+0.74 89% 30	+0.84 89% 20	+0.94 84% 25	\$233 29	\$403 21		
SYM22T325 SYMR215 SYMQ230	ALLEDALE TRUE BLUE T325 ^{PV} HBR	-0.09 38% 31	+2.6 72% 54	+5.0 60% 35	-7.0 97% 17	+3.2 96% 37	+62 94% 13	+108 89% 16	+144 87% 11	+114 83% 33	+17 77% 54	+2.0 85% 56	-7.3 46% 11	+85 72% 13	+8.0 72% 36	+1.8 72% 82	-0.1 73% 48	-0.1 70% 74	+4.7 75% 11	-0.52 64% 2	+24 91% 35	+0.78 68% 38	+0.96 68% 47	+0.78 67% 4	\$282 3	\$458 3		
DGJG10 VTMB1 DGJZ15	ALLOURA GET CRACKING G10 ^{SV} HBR	-0.05 48% 45	+7.7 95% 11	+6.8 87% 17	-3.0 99% 74	+2.7 99% 27	+44 98% 85	+74 98% 94	+86 98% 97	+86 98% 74	+12 98% 85	-0.5 97% 99	-8.5 78% 4	+47 96% 94	+14.1 94% 3	+1.4 95% 22	+0.5 95% 38	+0.9 92% 20	+5.7 94% 4	+0.43 89% 71	+7 98% 94	+0.48 96% 3	+0.96 96% 47	+0.92 94% 20	\$271 5	\$426 9		
DGJQ30 WWEL3 DGJK117	ALLOURA QUINELLA Q30 ^{SV} HBR	-0.09 42% 31	+0.8 74% 69	-0.2 68% 83	+0.3 94% 98	+3.0 93% 32	+52 92% 51	+96 91% 45	+118 92% 57	+121 87% 23	+14 82% 75	+3.3 83% 16	-7.2 63% 12	+65 89% 62	+14.4 88% 3	+0.1 87% 48	+0.5 88% 38	+0.8 79% 24	+7.2 90% 1	+0.40 82% 68	+15 89% 72	+0.88 85% 59	+1.06 85% 71	+1.16 81% 86	\$275 4	\$448 4		
DGJ21S14 USA18217198 DGJQ02	ALLOURA SYNERGY S14 ^{PV} HBR	+0.16 39% 96	+4.6 76% 35	+6.1 66% 23	-7.8 93% 10	+2.9 93% 30	+60 92% 17	+106 90% 19	+138 91% 18	+131 86% 14	+15 79% 69	+3.1 81% 20	-6.5 55% 20	+81 80% 19	+7.3 78% 44	+0.6 78% 37	-1.2 79% 66	+0.3 71% 52	+3.1 80% 36	+0.61 69% 85	+22 90% 44	+0.96 81% 74	+1.08 81% 75	+0.94 78% 25	\$243 20	\$431 8		
CGKR232 NORN542 CGKM152	ALPINE RONALDO R232 ^{PV} HBR	-0.13 42% 20	+6.0 72% 23	+6.7 63% 17	-5.6 97% 34	+2.2 95% 19	+56 94% 33	+102 94% 29	+140 94% 16	+113 89% 33	+24 82% 11	+2.9 90% 25	-5.1 59% 47	+78 90% 26	+11.3 89% 11	-3.5 88% 98	-5.1 89% 98	+0.7 80% 29	+3.6 91% 26	-0.17 83% 13	+24 90% 30	+0.60 91% 60	+0.82 91% 17	+1.02 88% 48	\$235 27	\$405 19		
NAQA241 USA2928 NAQW38	ARDROSSAN EQUATOR A241 ^{PV} HBR	-0.01 81% 60	-1.2 99% 81	+2.6 98% 61	-4.4 99% 54	+4.1 99% 56	+49 99% 63	+91 99% 60	+121 99% 51	+109 99% 40	+20 99% 34	+3.2 99% 18	-8.6 96% 3	+82 99% 17	+7.8 98% 38	-2.0 98% 88	-0.6 98% 57	+1.1 98% 13	+1.9 98% 65	+0.64 96% 87	+25 99% 34	+0.48 99% 3	+0.88 99% 28	+1.00 99% 42	\$226 36	\$384 34		
NAQQ67 NMMN334 NAQL96	ARDROSSAN NECTAR Q67 ^{PV} HBR	+0.08 43% 86	+5.5 86% 27	+6.5 73% 19	-11.1 98% 1	+3.4 98% 41	+55 98% 36	+99 96% 37	+128 97% 36	+128 91% 16	+11 92% 90	+3.0 92% 23	-7.5 60% 9	+53 91% 89	+4.8 89% 72	+1.5 88% 20	-0.5 89% 55	-0.2 80% 78	+2.6 90% 48	+0.12 82% 37	+38 97% 5	+0.38 91% 1	+0.84 92% 20	+1.06 85% 61	\$219 45	\$407 18		
QQFH147 VTME343 NMMF123	ASCOT HALLMARK H147 ^{PV} HBR	-0.31 44% 2	-4.0 96% 91	+1.1 90% 74	-5.0 99% 44	+7.0 99% 96	+60 98% 17	+109 98% 14	+150 98% 6	+137 98% 9	+14 98% 74	+3.7 98% 10	-5.6 81% 36	+78 97% 24	-1.5 95% 99	+0.7 96% 35	-0.2 96% 50	-0.9 94% 96	+3.2 96% 34	+0.28 90% 55	+18 97% 60	+0.50 95% 4	+0.88 95% 28	+1.06 94% 61	\$188 76	\$352 60		
HIOE7 VTMB219 BVVB32	AYRVALE BARTEL E7 ^{PV} HBR	-0.10 82% 28	+8.2 99% 8	+8.7 97% 5	-4.4 99% 54	+1.8 99% 14	+50 99% 62	+86 99% 73	+113 99% 69	+75 99% 86	+25 99% 8	+2.6 99% 35	-9.8 94% 1	+63 98% 67	+7.4 98% 43	-0.2 98% 55	+0.8 98% 33	+1.0 98% 16	+3.7 98% 24	+0.28 96% 55	+5 99% 96	+1.06 99% 88	+1.02 99% 62	+1.12 99% 77	\$294 1	\$452 3		
NBB21S86 NMMP15 NBBQ25	BALD BLAIR STIRLING S86 ^{PV} HBR	-0.03 38% 53	+4.6 80% 35	+9.2 69% 3	-3.8 96% 63	+2.6 96% 25	+66 95% 6	+112 95% 10	+150 90% 7	+127 84% 17	+20 92% 32	+4.0 62% 7	-4.9 62% 52	+92 89% 5	+6.3 88% 55	-1.1 87% 74	-4.2 88% 95	+0.0 80% 69	+3.3 90% 32	-0.08 82% 19	+3 93% 97	+0.68 92% 20	+0.62 93% 2	+1.08 90% 67	\$237 25	\$420 12		
Breed Average EBVs			-0.04	+2.4	+3.1	-4.6	+3.8	+52	+94	+121	+102	+18	+2.3	-5.1	+69	+6.9	+0.1	-0.2	+0.4	+2.6	+0.24	+21	+0.83	+0.97	+1.02	+211	+360	

Angus Australia - Shear Force Research Breeding Values

Date: July 30, 2026

Page: 2

Ident	Name																											
Sire Dam	Reg.	Shear Force	Calv-Ease		Birth		Growth			Maternal		Fert		Carcase						Feed	Temp	Structural			Selection Index			
			Dir	Dtrs	GL	BW	200	400	600	MCW	Milk	SS	DC	CW	EMA	Rib	P8	RBY	IMF	NFI-F	Doc	Claw	Angle	Leg	\$A	\$A-L		
ECMM114	BANNABY BERKLEY M114 ^{SV}	-0.03	+3.9	+2.9	-9.5	+4.2	+56	+96	+136	+164	+6	+4.0	-9.1	+65	+2.7	-1.3	-3.8	+0.3	+2.5	-0.02	+17	+0.82	+0.82	+1.08	\$194	\$402		
VTMB1	HBR	46%	79%	71%	95%	94%	92%	93%	93%	88%	86%	88%	67%	87%	87%	87%	87%	81%	88%	80%	85%	87%	88%	84%				
BBAZ107		53	42	58	3	59	33	45	21	2	99	7	2	61	89	78	93	52	50	24	65	47	17	67	71	21		
VONN462	BANQUET NUTTELLA N462 ^{PV}	-0.04	-3.2	+1.7	-4.0	+7.3	+57	+106	+145	+109	+22	+3.5	-4.8	+70	+3.0	-0.3	-1.6	+0.0	+1.4	-0.46	+54	+0.58	+0.98	+0.90	\$192	\$334		
VONJ507	HBR	42%	86%	72%	96%	98%	97%	97%	96%	92%	92%	95%	61%	91%	89%	89%	90%	83%	90%	79%	96%	81%	81%	75%				
VONK224		49	89	69	60	97	26	20	11	39	19	13	54	47	87	58	72	69	76	3	1	8	52	16	73	72		
MBA22T17	BARNETT TITUS T17 ^{PV}	-0.18	+8.2	+8.0	-2.9	+3.0	+69	+116	+153	+145	+19	+2.2	-7.1	+95	+7.8	+0.6	-0.4	-0.9	+5.9	+0.56	+30	+1.02	+0.74	+0.82	\$280	\$489		
USA19180956	HBR	39%	66%	57%	91%	90%	90%	86%	85%	82%	77%	80%	43%	77%	72%	71%	72%	63%	76%	64%	83%	68%	68%	59%				
HIOP51		10	8	8	76	32	3	6	5	6	41	49	13	4	38	37	53	96	3	82	19	83	7	6	3	1		
NBNN239	BEN NEVIS NEWSFLASH N239 ^{PV}	-0.22	+0.6	+2.8	-4.0	+4.9	+59	+99	+134	+117	+16	+0.9	-2.1	+83	+5.4	-2.4	+0.0	+0.5	+1.3	+0.23	+9	+1.02	+1.02	+0.92	\$191	\$335		
USA16956101	HBR	39%	87%	76%	98%	98%	96%	97%	97%	94%	94%	93%	65%	92%	91%	91%	92%	86%	92%	84%	92%	94%	93%	90%				
NBNH215		6	71	59	60	73	20	36	25	28	59	89	96	16	66	92	46	40	78	49	90	83	62	20	74	72		
NBNP122	BEN NEVIS PRIME P122 ^{PV}	+0.07	+4.2	+6.6	+0.4	+2.4	+54	+84	+104	+68	+13	+2.7	-4.7	+55	+5.9	+1.4	+2.8	-0.6	+4.5	+0.38	+21	+0.72	+0.78	+0.98	\$239	\$371		
USA17960722	HBR	42%	80%	70%	94%	95%	94%	94%	94%	90%	88%	89%	61%	89%	88%	87%	88%	80%	89%	81%	85%	92%	91%	88%				
NBNM115		84	39	18	98	22	39	78	83	91	84	31	56	86	60	22	10	91	13	66	48	26	11	36	23	45		
NBNR138	BEN NEVIS RONAN R138 ^{PV}	+0.12	+2.9	+5.5	-8.3	+3.6	+72	+119	+147	+136	+13	+2.2	-5.0	+78	+9.4	-1.8	-2.5	+0.7	+1.1	-0.08	+29	+0.72	+0.92	+0.98	\$251	\$436		
USA17960722	HBR	37%	77%	69%	88%	91%	90%	90%	90%	86%	80%	82%	58%	82%	78%	79%	80%	72%	81%	72%	85%	85%	88%	84%				
NBNP153		92	52	29	8	45	2	4	9	10	81	49	49	25	23	86	84	29	82	19	22	26	37	36	14	6		
WMYF3	BLACKROCK F3 ^{SV}	+0.22	+4.8	+5.0	-8.9	+2.7	+50	+86	+118	+84	+15	+1.0	-2.2	+83	+7.3	-0.3	+0.1	+0.2	+1.9	+0.43	+23	+1.04	+1.18	+1.10	\$190	\$318		
VLYC402	HBR	75%	80%	70%	95%	95%	94%	93%	93%	90%	90%	91%	63%	89%	88%	88%	89%	81%	90%	81%	90%	87%	87%	83%				
WMYD120		99	34	35	5	27	61	73	58	77	66	87	95	15	44	58	44	58	65	71	40	86	90	72	75	81		
NGXQ227	BONGONGO BE QUICK Q227 ^{PV}	-0.12	+5.1	+2.0	-3.6	+2.7	+50	+92	+115	+66	+24	+3.8	-3.4	+64	+11.3	+0.9	+2.9	+0.1	+5.7	+1.06	+18	+0.68	+1.14	+1.12	\$257	\$386		
VLYM518	HBR	40%	74%	67%	98%	98%	96%	96%	96%	94%	87%	92%	67%	91%	91%	90%	91%	83%	92%	84%	91%	88%	88%	85%				
NGXN221		23	31	67	66	27	58	57	65	92	13	9	82	65	11	31	10	63	4	99	63	20	85	77	10	33		
NGX22T1003	BONGONGO T1003 ^{PV}	-0.09	+6.4	+8.9	-9.5	+0.5	+49	+96	+124	+74	+21	+2.8	-7.7	+79	+9.1	+3.1	+3.5	-0.6	+5.8	+1.03	+13	+1.10	+1.08	+1.02	\$288	\$449		
VLYR4010	HBR	40%	72%	64%	94%	92%	90%	88%	87%	85%	80%	86%	51%	79%	77%	77%	78%	70%	80%	69%	86%	75%	75%	71%				
BHRQ710		31	20	4	3	4	65	44	43	87	28	28	8	23	25	5	6	91	3	98	79	91	75	48	2	4		
NUIF32	BONNY BROOKE FALCO F32 ^{SV}	+0.09	-2.5	-9.3	-0.5	+6.5	+56	+85	+114	+100	+17	-0.9	-0.7	+72	-2.2	+2.2	+1.2	-1.2	+2.4	-0.52	+19	+0.98	+0.96	+1.06	\$125	\$224		
NGMC196	HBR	49%	70%	58%	92%	90%	91%	90%	91%	85%	80%	79%	55%	85%	83%	83%	84%	74%	83%	76%	83%	79%	79%	74%				
NUID96		88	87	99	95	93	32	75	67	54	58	99	99	41	99	12	27	99	53	2	57	78	47	61	98	99		
HCAQ63	BOONAROO GENIUS Q63 ^{SV}	+0.02	+10.2	+5.0	-5.3	+0.5	+47	+88	+106	+94	+18	+1.4	-8.0	+60	+1.9	+3.1	+4.4	-0.6	+3.6	-0.46	+28	+0.72	+0.92	+1.10	\$231	\$393		
NGMG120	HBR	45%	79%	69%	91%	96%	94%	94%	91%	91%	86%	90%	54%	83%	81%	82%	82%	76%	82%	69%	93%	90%	91%	87%				
HCAK233		71	2	35	39	4	75	70	80	63	49	77	6	76	93	5	3	91	26	3	22	26	37	72	31	27		
HCA22T221	BOONAROO GENIUS T221 ^{PV}	-0.15	+7.8	+3.7	-4.5	+1.4	+50	+90	+107	+76	+15	+0.6	-7.3	+74	+9.1	+2.4	+3.0	-0.2	+5.7	-0.40	+18	+0.82	+1.04	+1.24	\$278	\$428		
HCAQ63	HBR	40%	68%	60%	91%	93%	89%	86%	86%	83%	77%	81%	46%	77%	74%	74%	75%	65%	77%	65%	86%	75%	76%	71%				
HCAQ11		16	10	49	52	10	58	64	78	85	70	93	11	36	25	10	9	78	4	4	63	47	67	95	3	9		
NGME124	BOOROOMOOKA INSPIRED E124	-0.19	-5.5	-0.8	-6.0	+3.8	+46	+82	+107	+104	+15	+0.9	-8.9	+83	+3.6	-0.2	+3.8	-0.3	+2.3	+0.95	+18	+0.82	+0.82	+0.80	\$196	\$335		
NAQA241	HBR	81%	97%	92%	99%	99%	98%	98%	98%	98%	98%	98%	84%	97%	96%	96%	96%	95%	96%	90%	98%	97%	97%	96%				
NGMB325		9	94	86	29	50	79	82	80	47	73	89	3	15	83	55	5	82	55	97	61	47	17	5	69	72		
Breed Average EBVs		-0.04	+2.4	+3.1	-4.6	+3.8	+52	+94	+121	+102	+18	+2.3	-5.1	+69	+6.9	+0.1	-0.2	+0.4	+2.6	+0.24	+21	+0.83	+0.97	+1.02	+211	+360		

Angus Australia - Shear Force Research Breeding Values

Date: July 30, 2026

Page: 3

Ident	Name																											
Sire Dam	Reg.	Shear Force	Calv-Ease		Birth		Growth			Maternal		Fert		Carcase						Feed	Temp	Structural			Selection Index			
			Dir	Dtrs	GL	BW	200	400	600	MCW	Milk	SS	DC	CW	EMA	Rib	P8	RBY	IMF	NFI-F	Doc	Claw	Angle	Leg	\$A	\$A-L		
NGM21S267	BOOROOMOOKA NEWLY S267	-0.19	+8.2	+6.2	-7.4	+0.5	+51	+89	+116	+93	+22	+2.0	-4.9	+75	+5.1	+1.1	+0.9	+0.0	+4.8	+0.49	+29	+0.46	+0.64	+0.88	\$234	\$385		
VTMN549	HBR	38%	73%	64%	95%	93%	92%	92%	91%	86%	79%	90%	54%	80%	79%	79%	79%	73%	80%	68%	90%	88%	88%	85%				
NGMQ580		9	8	22	13	4	57	66	61	65	18	56	52	32	69	27	32	69	10	76	19	2	2	13	28	33		
NGMN213	BOOROOMOOKA NORMANDY	-0.12	+11.0	+10.3	-8.0	+0.9	+42	+73	+100	+74	+23	+3.2	-9.2	+52	+3.5	-2.8	-3.7	+1.0	+3.1	+0.91	+30	+0.80	+0.66	+1.04	\$227	\$375		
NGML201	HBR	42%	80%	68%	95%	97%	96%	96%	96%	95%	93%	94%	58%	90%	88%	88%	88%	80%	89%	80%	95%	94%	94%	88%				
NGML45		23	1	1	9	6	89	95	88	87	17	18	2	90	84	95	93	16	36	96	17	42	3	55	36	41		
NGMP96	BOOROOMOOKA PARAGON P96	-0.07	-2.0	+2.8	-7.7	+3.8	+65	+120	+165	+133	+28	+3.5	-8.7	+112	+12.8	-2.9	-1.3	+1.4	+2.2	+0.74	+31	+0.80	+0.94	+1.02	\$297	\$484		
WWEL3	HBR	42%	83%	76%	99%	99%	98%	98%	98%	97%	96%	98%	70%	95%	93%	93%	93%	87%	94%	89%	99%	98%	98%	97%				
NGMM566		38	85	59	11	50	6	3	2	12	3	13	3	1	5	95	68	6	58	91	15	42	42	48	1	1		
NGMR49	BOOROOMOOKA RAUDONIKIS	-0.01	+4.6	+4.1	-5.5	+3.6	+63	+106	+132	+99	+20	+3.6	-4.2	+65	+12.5	-0.3	-1.4	+0.9	+1.6	+0.15	+30	+1.06	+0.82	+0.88	\$250	\$406		
USA17960722	HBR	37%	72%	67%	92%	93%	92%	92%	92%	89%	83%	87%	60%	88%	86%	86%	87%	78%	88%	82%	89%	89%	89%	85%				
NGMP361		60	35	45	36	45	9	19	27	55	35	11	68	61	6	58	69	20	72	40	18	88	17	13	14	19		
NGM22T246	BOOROOMOOKA THEODORE	-0.07	+3.0	+3.7	-5.7	+3.3	+57	+109	+150	+112	+23	+3.1	-9.1	+89	+14.2	+0.7	+1.2	+1.0	+4.4	+0.99	+29	+0.88	+1.02	+0.90	\$320	\$504		
TFAN90	HBR	39%	75%	69%	97%	96%	95%	91%	89%	86%	80%	87%	58%	81%	78%	78%	79%	72%	80%	71%	94%	79%	79%	76%				
NGMM566		38	51	49	33	39	29	14	7	35	16	20	2	7	3	35	27	16	14	98	21	59	62	16	1	1		
NGM22T1254	BOOROOMOOKA TURBO T1254	-0.20	+2.2	+4.4	-3.5	+5.6	+63	+112	+149	+124	+25	+3.2	-8.3	+104	+9.4	+0.7	-0.2	-0.2	+5.0	+0.83	+35	+0.64	+1.06	+1.16	\$287	\$472		
NGMR350	HBR	39%	68%	59%	97%	96%	93%	87%	86%	84%	76%	80%	46%	77%	70%	71%	72%	61%	75%	65%	92%	71%	72%	67%				
NGMR41		8	58	41	68	84	9	10	8	20	10	18	4	1	23	35	50	78	8	95	9	14	71	86	2	1		
SRKK306	BOWMONT KING K306 ^{PV}	-0.12	+0.1	-7.0	-4.6	+4.4	+49	+79	+101	+84	+2	-0.3	-3.9	+64	+14.1	-0.5	-2.0	+1.5	+4.8	+0.46	+25	+0.54	+0.88	+0.68	\$232	\$345		
NJWG279	HBR	45%	87%	81%	97%	98%	97%	97%	97%	96%	96%	96%	72%	94%	93%	93%	93%	91%	94%	87%	97%	94%	94%	92%				
TFAD58		23	74	99	50	63	66	88	87	77	99	99	74	64	3	62	78	5	10	74	34	6	28	1	30	65		
WLHD19	CHERYLTON STEWIE D19 ^{PV}	+0.05	+3.2	+2.9	-4.7	+3.1	+46	+90	+111	+99	+20	+2.2	-7.1	+57	+4.9	-1.7	+1.0	-0.2	+4.1	+0.43	+15	+1.04	+1.04	+1.06	\$220	\$375		
USA13058662	HBR	83%	95%	89%	98%	98%	98%	98%	98%	97%	98%	98%	78%	96%	95%	95%	95%	93%	95%	89%	96%	95%	95%	93%				
USA14311946		79	49	58	49	34	79	64	73	55	36	49	13	82	71	84	30	78	18	71	74	86	67	61	44	41		
GTNM6	CHILTERN PARK MOE M6 ^{PV}	-0.18	+5.0	+2.9	-1.3	+3.1	+51	+99	+135	+76	+32	+1.5	-4.3	+84	+6.5	-1.0	+1.0	+0.2	+1.6	+0.31	+39	+0.70	+1.06	+1.08	\$228	\$363		
VTMF734	HBR	44%	92%	88%	99%	99%	99%	99%	99%	98%	98%	99%	81%	97%	95%	96%	96%	94%	95%	89%	99%	99%	99%	99%				
VSNF15		10	32	58	91	34	55	36	22	85	1	74	65	13	53	73	30	58	72	58	5	23	71	67	34	51		
GTNP9	CHILTERN PARK PICASSO P9 ^{PV}	+0.06	+9.0	+8.9	-3.5	+1.1	+53	+99	+127	+78	+27	+3.6	-8.3	+89	+6.1	-0.9	+0.7	-0.5	+4.1	+0.62	+32	+0.60	+0.64	+0.76	\$272	\$434		
HKFJ5	HBR	48%	85%	73%	99%	99%	98%	98%	98%	95%	92%	97%	65%	92%	89%	90%	90%	84%	90%	80%	98%	97%	97%	94%				
GTNK26		82	5	4	68	8	47	35	37	83	5	11	4	8	58	71	35	89	18	85	13	10	2	3	5	7		
GTNQ322	CHILTERN PARK QUADRANT	+0.11	+6.7	+3.7	-2.3	+3.8	+63	+118	+148	+113	+23	+4.3	-7.0	+91	+12.9	-1.5	-1.1	+0.5	+3.9	+0.94	+8	+1.04	+1.12	+1.00	\$294	\$479		
USA18636106	HBR	40%	84%	73%	97%	97%	94%	96%	95%	90%	83%	87%	62%	91%	89%	88%	89%	80%	91%	82%	87%	85%	85%	81%				
GTNL198		91	17	49	83	50	11	5	8	34	14	4	14	6	5	81	65	40	21	97	92	86	82	42	1	1		
QMUM13	CLUNES CROSSING DUSTY M13	+0.17	+2.3	+5.3	-6.7	+5.2	+62	+98	+114	+56	+17	+0.9	-7.7	+70	+13.4	-2.4	-2.7	+1.0	+2.0	+0.32	+9	+0.86	+0.84	+0.98	\$299	\$428		
USA16295688	HBR	39%	88%	84%	99%	99%	98%	98%	98%	98%	98%	98%	80%	96%	95%	96%	96%	94%	95%	89%	98%	98%	98%	97%				
QMUG1		97	57	31	20	78	13	38	66	97	55	89	8	47	4	92	86	16	62	60	90	55	20	36	1	9		
NBHL348	CLUNIE RANGE LEGEND L348 ^{PV}	+0.12	-6.5	+4.7	-7.6	+5.7	+56	+102	+122	+155	+2	+2.7	-5.8	+61	+0.0	+3.8	+0.7	-0.7	+2.5	+0.12	+21	+0.52	+0.84	+1.22	\$152	\$325		
NZE14647008839	HBR	39%	96%	89%	99%	99%	98%	98%	98%	98%	98%	98%	81%	96%	94%	95%	95%	93%	95%	88%	97%	97%	98%	96%				
AHWJ81		92	96	38	12	85	32	29	49	3	99	31	32	73	98	3	35	93	50	37	47	4	20	94	94	77		
Breed Average EBVs		-0.04	+2.4	+3.1	-4.6	+3.8	+52	+94	+121	+102	+18	+2.3	-5.1	+69	+6.9	+0.1	-0.2	+0.4	+2.6	+0.24	+21	+0.83	+0.97	+1.02	+211	+360		

Angus Australia - Shear Force Research Breeding Values

Date: July 30, 2026

Page: 4

Ident	Name																										
Sire Dam	Reg.	Shear Force	Calv-Ease		Birth		Growth			Maternal		Fert		Carcase						Feed	Temp	Structural			Selection Index		
			Dir	Dtrs	GL	BW	200	400	600	MCW	Milk	SS	DC	CW	EMA	Rib	P8	RBY	IMF	NFI-F	Doc	Claw	Angle	Leg	\$A	\$A-L	
NBHP392	CLUNIE RANGE PLANTATION	+0.19	+4.7	+4.3	-5.1	+4.3	+67	+116	+144	+116	+26	+5.3	-4.6	+67	-1.1	-0.3	-1.2	-1.5	+4.2	+0.33	+26	+0.70	+0.88	+0.84	\$220	\$392	
USA17960722	HBR	37%	87%	81%	99%	99%	98%	98%	98%	97%	96%	98%	74%	94%	92%	92%	87%	92%	84%	98%	98%	98%	97%				
NBHM516		98	35	43	42	61	5	6	12	29	7	1	59	57	99	58	66	99	17	61	30	23	28	8	44	28	
WDCH249	COONAMBLE HECTOR H249 ^{SV}	-0.03	+0.1	+1.7	-8.3	+4.6	+45	+80	+99	+92	+5	+1.3	-4.8	+45	+9.0	+4.3	+4.1	+0.6	+0.3	-0.42	+38	+0.42	+0.50	+0.78	\$182	\$314	
USA14885809	HBR	51%	96%	90%	99%	99%	98%	98%	98%	98%	98%	98%	81%	97%	95%	96%	96%	94%	95%	90%	98%	96%	97%	94%			
WDCE9		53	74	69	8	67	80	86	89	67	99	80	54	96	26	2	4	34	93	4	5	2	1	4	80	83	
WDCJ266	COONAMBLE JUNIOR J266 ^{PV}	-0.48	-6.4	-5.3	+0.0	+5.6	+55	+98	+133	+128	+15	+1.8	-4.2	+90	+9.4	-4.8	-4.9	+1.4	+3.1	-0.27	+19	+0.90	+0.74	+1.00	\$189	\$325	
BNAD145	HBR	51%	90%	81%	98%	98%	97%	97%	95%	97%	96%	74%	94%	92%	93%	93%	90%	93%	86%	94%	94%	94%	92%				
WHHA61		1	96	97	97	84	35	40	27	16	69	64	68	7	23	99	98	6	36	8	58	63	7	42	76	77	
WDCK314	COONAMBLE KEVIN K314 ^{PV}	-0.03	+0.5	+2.8	-1.3	+4.6	+50	+101	+135	+108	+25	+4.6	-6.0	+86	+7.4	+0.3	+0.7	+0.2	+1.5	+0.66	+43	+0.52	+1.18	+1.22	\$204	\$361	
NAQA241	HBR	55%	88%	77%	96%	98%	97%	96%	96%	93%	95%	94%	70%	92%	90%	91%	91%	87%	91%	83%	87%	86%	86%	83%			
WDCE94		53	71	59	91	67	59	32	23	41	9	3	28	12	43	43	35	58	74	88	2	4	90	94	61	53	
USA19611994	DB ICONIC G95 ^{PV}	+0.13	+4.8	+6.5	-3.3	+2.8	+68	+125	+154	+144	+15	+3.3	-6.5	+86	+6.0	-0.1	+0.4	-0.7	+4.4	+0.25	+38	+1.22	+1.00	+0.82	\$269	\$478	
USA18467508	HBR	37%	80%	69%	97%	97%	95%	95%	95%	92%	90%	92%	64%	92%	91%	90%	89%	83%	92%	83%	88%	98%	98%	84%			
USA18974126		93	34	19	70	29	4	2	5	6	73	16	20	11	59	53	40	93	14	52	5	98	57	6	5	1	
NJS21S15	DEVANAH SATURN S15 ^{PV}	-0.01	+3.7	+1.7	-7.6	+3.6	+63	+108	+141	+106	+25	+4.1	-6.7	+84	+8.9	-0.4	-0.4	+0.0	+2.3	+0.42	+15	+0.92	+1.06	+0.96	\$255	\$420	
USA18636106	HBR	40%	75%	65%	93%	93%	92%	92%	91%	87%	82%	88%	59%	88%	87%	87%	88%	79%	89%	82%	87%	92%	92%	89%			
QHEJ100		60	44	69	12	45	11	15	14	44	9	6	17	14	27	60	53	69	55	70	74	67	71	30	12	12	
NJS22T48	DEVANAH TOLEDO T48 ^{PV}	-0.15	+7.1	+6.1	-0.8	+2.9	+58	+102	+134	+96	+22	+1.8	-5.9	+90	+7.1	+2.1	+3.7	-0.4	+1.5	+0.50	+26	+0.84	+1.24	+1.26	\$246	\$408	
GTNM6	HBR	43%	74%	67%	94%	92%	92%	92%	91%	87%	80%	86%	58%	82%	82%	82%	83%	76%	83%	72%	86%	90%	90%	87%			
NJSQ2		16	14	23	94	30	23	27	24	60	21	64	30	7	46	13	6	86	74	77	31	51	95	97	18	17	
WKGQ202	DIAMOND ONE ALL IN Q202 ^{SV}	-0.17	-9.0	-8.4	-5.7	+8.5	+75	+128	+175	+151	+20	+3.2	-4.4	+109	+9.5	-4.6	-4.8	+1.7	-0.7	-1.44	+31	+0.90	+0.60	+0.72	\$214	\$369	
WKGN129	HBR	36%	72%	59%	94%	92%	91%	90%	91%	87%	80%	80%	53%	89%	88%	88%	89%	78%	91%	83%	87%	85%	85%	79%			
WKGL21		12	98	99	33	99	1	1	1	4	30	18	63	1	22	99	97	3	99	1	17	63	1	2	50	46	
NGC21S068	DULVERTON SMART MISSILE	-0.02	+4.2	+1.6	-3.1	+2.0	+57	+97	+128	+94	+12	+1.9	-3.6	+69	+7.4	-0.1	+1.2	+0.0	+3.0	-0.37	+32	+0.96	+1.18	+1.06	\$230	\$373	
USA18170041	HBR	38%	78%	69%	96%	95%	94%	94%	94%	88%	84%	91%	58%	83%	81%	81%	81%	75%	82%	71%	92%	87%	87%	84%			
NGCM191		57	39	70	73	16	28	41	36	63	85	60	79	49	43	53	27	69	38	5	13	74	90	61	33	42	
BHRQ1163	DUNOON QUICK DRAW	-0.17	-1.8	+1.3	-5.9	+3.8	+57	+108	+141	+114	+23	+3.6	-3.6	+74	+8.9	-0.5	-1.6	-0.2	+5.5	+0.65	+12	+0.74	+0.60	+0.90	\$225	\$376	
BHRN394	HBR	41%	70%	61%	98%	98%	96%	97%	96%	95%	89%	92%	55%	86%	86%	86%	86%	81%	86%	70%	91%	88%	89%	84%			
BHRK074		12	84	73	30	50	27	15	15	32	14	11	79	37	27	62	72	78	5	87	84	30	1	16	38	40	
CYIR18	EBONY BEEF BILLIE RAY R18 ^{PV}	+0.04	+1.8	+7.2	-3.3	+5.5	+66	+105	+128	+69	+23	+2.9	-6.8	+81	+12.7	-1.9	-0.2	+0.7	+1.9	+0.74	-3	+1.02	+0.88	+1.04	\$300	\$441	
QMUM13	APR	44%	71%	66%	93%	93%	91%	91%	91%	87%	81%	82%	59%	87%	87%	86%	87%	78%	89%	81%	87%	87%	84%				
CYIM611		76	61	13	70	83	6	21	36	91	15	25	16	18	6	87	50	29	65	91	99	83	28	55	1	5	
USA16198796	EF COMPLEMENT 8088 ^{PV}	-0.09	+4.8	+6.1	-4.6	+3.0	+52	+98	+131	+101	+21	+1.5	-7.5	+74	+7.9	+1.3	+0.7	+0.8	+1.5	+0.47	+20	+0.94	+1.28	+1.18	\$251	\$418	
USA14686137	HBR	43%	99%	96%	99%	99%	99%	99%	99%	99%	99%	99%	93%	98%	98%	98%	98%	97%	98%	95%	99%	99%	99%	99%			
USA15452880		31	34	23	50	32	48	39	30	53	29	74	9	37	37	23	35	24	74	75	55	71	97	89	14	12	
WWEL3	ESSLEMONT LOTTO L3 ^{PV}	-0.24	-5.1	-4.3	-5.3	+4.7	+60	+110	+140	+134	+15	+3.6	-10.1	+88	+14.9	-0.7	+0.6	+1.6	+3.8	+0.25	+15	+1.12	+1.02	+1.12	\$298	\$478	
HIOG18	HBR	45%	87%	87%	99%	99%	99%	99%	99%	98%	98%	98%	85%	97%	96%	97%	97%	96%	97%	93%	99%	98%	98%	98%			
WWEJ8		4	94	96	39	69	17	13	16	11	73	11	1	9	2	66	36	4	23	52	74	93	62	77	1	1	
Breed Average EBVs		-0.04	+2.4	+3.1	-4.6	+3.8	+52	+94	+121	+102	+18	+2.3	-5.1	+69	+6.9	+0.1	-0.2	+0.4	+2.6	+0.24	+21	+0.83	+0.97	+1.02	+211	+360	

Angus Australia - Shear Force Research Breeding Values

Date: July 30, 2026

Page: 5

Ident	Name																									
Sire Dam	Reg.	Shear Force	Calv-Ease		Birth		Growth			Maternal		Fert		Carcase						Feed	Temp	Structural			Selection Index	
			Dir	Dtrs	GL	BW	200	400	600	MCW	Milk	SS	DC	CW	EMA	Rib	P8	RBY	IMF	NFI-F	Doc	Claw	Angle	Leg	\$A	\$A-L
WWEQ24	ESSLEMONT QUOKKA Q24 ^{PV}	-0.21	+5.2	+1.2	-4.7	+1.4	+41	+78	+90	+48	+16	+3.7	-8.1	+62	+16.7	+1.2	+0.4	+2.3	+2.4	+0.91	+28	+0.80	+0.88	+0.94	\$279	\$406
WWEN12	HBR	44%	70%	64%	96%	96%	94%	94%	93%	89%	83%	91%	59%	90%	89%	88%	89%	80%	91%	84%	88%	81%	81%	78%		
WWEN7		7	30	73	49	10	91	89	96	99	63	10	5	71	1	25	40	1	53	96	23	42	28	25	3	18
WWE21S6	ESSLEMONT SEAN S6 ^{PV}	-0.21	+4.8	+5.5	-5.7	+2.7	+57	+98	+113	+97	+13	+4.4	-7.7	+76	+16.9	+1.6	-0.5	+1.5	+5.2	+0.56	+26	+1.08	+1.24	+1.16	\$309	\$482
NGMN418	HBR	43%	70%	65%	94%	91%	91%	91%	92%	88%	82%	83%	59%	89%	88%	88%	89%	79%	90%	83%	89%	84%	84%	80%		
WWEN7		7	34	29	33	27	28	38	69	59	83	4	8	31	1	19	55	5	7	82	29	90	95	86	1	1
WWE22T2	ESSLEMONT TESLA T2 ^{PV}	+0.02	+8.3	+7.1	-9.0	+1.3	+59	+102	+132	+103	+18	+3.9	-6.8	+76	+2.5	-1.0	-2.4	-0.9	+7.3	-0.02	+31	+0.58	+1.00	+1.00	\$263	\$437
CSWQ011	HBR	42%	73%	66%	95%	94%	93%	91%	90%	86%	80%	88%	55%	81%	80%	80%	80%	74%	81%	71%	90%	83%	83%	79%		
WWEQ23		71	7	14	5	9	21	29	27	48	48	8	16	30	90	73	82	96	1	24	16	8	57	42	7	6
WKG22T2	GANDY FAIR N SQUARE T2 ^{SV}	+0.02	+7.9	+2.9	-11.4	+2.1	+54	+101	+124	+66	+21	+1.7	-8.4	+69	+0.4	+4.6	+5.3	-1.3	+1.3	+0.52	+35	+0.84	+0.80	+0.92	\$250	\$397
USA19418329	HBR	36%	74%	60%	93%	92%	91%	91%	91%	86%	78%	81%	47%	79%	79%	80%	79%	73%	80%	64%	88%	85%	85%	78%		
WKGP24		71	9	58	1	18	39	30	43	92	24	67	4	51	97	1	2	99	78	79	8	51	14	20	15	24
WKG23U120	GANDY MAN IN BLACK U120 ^{SV}	-0.03	+7.3	+6.4	-5.6	+2.5	+65	+116	+143	+122	+21	+4.0	-7.6	+88	+2.2	+0.3	-0.3	-1.1	+4.5	+0.62	+29	+0.92	+1.04	+1.00	\$260	\$453
USA19955191	HBR	35%	72%	57%	93%	90%	89%	85%	85%	82%	75%	79%	41%	75%	69%	70%	71%	61%	74%	61%	85%	73%	73%	63%		
WKGR98		53	13	20	34	23	7	6	12	22	28	7	8	8	92	43	51	98	13	85	21	67	67	42	9	3
USA18217198	G A R ASHLAND ^{PV}	+0.10	+2.8	+4.3	-5.9	+3.2	+65	+114	+143	+116	+17	+1.4	-3.3	+86	+13.1	-2.5	-2.2	+1.2	+2.6	+0.15	+12	+1.20	+1.12	+0.86	\$263	\$427
USA17354178	HBR	37%	97%	89%	99%	99%	99%	99%	99%	98%	98%	99%	84%	97%	97%	97%	97%	96%	96%	91%	99%	99%	99%	98%		
USA16934264		89	53	43	30	37	7	8	12	29	57	77	84	12	5	93	80	10	48	40	83	97	82	10	8	9
USA16295688	G A R PROPHET ^{SV}	+0.09	+2.8	+5.6	-0.7	+3.8	+67	+108	+132	+86	+22	+0.7	-5.3	+70	+3.9	-0.2	-1.1	-1.0	+4.9	+0.81	+26	+1.00	+0.82	+0.92	\$266	\$413
USA13009379	HBR	37%	98%	95%	99%	99%	99%	99%	99%	99%	99%	99%	91%	98%	97%	98%	98%	97%	97%	94%	99%	99%	99%	98%		
USA15129456		88	53	28	94	50	5	16	27	74	21	92	42	47	81	55	65	97	9	94	29	81	17	20	6	15
USA18690054	GB FIREBALL 672 ^{PV}	+0.04	+2.3	+7.8	-4.8	+2.5	+61	+100	+128	+120	+18	+2.8	-6.9	+72	+14.2	-2.9	-4.9	+0.9	+5.3	+0.55	+12	+1.06	+0.94	+0.82	\$271	\$447
USA17965471	HBR	33%	96%	86%	99%	99%	99%	99%	99%	98%	98%	98%	77%	96%	95%	95%	95%	93%	95%	88%	99%	99%	99%	98%		
USA18054344		76	57	9	47	23	16	35	36	24	50	28	15	40	3	95	98	20	6	81	83	88	42	6	5	4
QBV21S073	GLENISA PATENT S073 ^{SV}	+0.08	+3.7	+5.0	-5.1	+5.4	+65	+115	+139	+129	+13	+2.5	-5.3	+75	+3.4	-0.9	+0.0	-0.3	+1.9	-0.11	+21	+0.92	+0.82	+0.98	\$228	\$410
USA19199070	HBR	36%	72%	57%	93%	92%	90%	90%	90%	85%	77%	80%	44%	78%	78%	78%	78%	71%	78%	62%	86%	83%	84%	78%		
QBVJ018		86	44	35	42	81	7	7	17	15	79	38	42	33	85	71	46	82	65	17	48	67	17	36	34	17
QBGH221	GLENOCH HINMAN H221 ^{SV}	-0.23	+7.3	-3.5	-2.8	+2.8	+54	+92	+124	+112	+19	+0.7	-4.1	+83	+6.8	-2.2	-5.3	+0.8	+5.4	-0.28	+8	+0.80	+0.78	+1.06	\$217	\$362
BNAD145	HBR	47%	84%	76%	97%	97%	96%	96%	96%	92%	94%	95%	71%	92%	92%	91%	92%	88%	92%	85%	87%	89%	89%	85%		
QBGD80		5	13	94	77	29	43	56	43	35	37	92	70	16	49	90	98	24	5	8	91	42	11	61	47	51
DKKM41	HARDHAT H708 MAIMURU J51	+0.00	+0.4	+2.9	-1.9	+2.1	+42	+91	+118	+94	+11	+1.1	-3.7	+62	+1.8	+1.0	-1.9	-0.5	+6.2	+0.05	+25	+1.06	+1.00	+1.12	\$191	\$326
NORH708	APR	45%	76%	67%	95%	94%	92%	92%	92%	88%	85%	86%	66%	90%	89%	89%	90%	82%	91%	84%	89%	89%	90%	86%		
DKKJ51		64	72	58	87	18	90	60	58	63	89	85	77	70	93	29	76	89	2	30	34	88	57	77	74	77
DKK22T2	HARDHAT M518 TATUM T2 ^{PV}	+0.15	-5.6	-0.2	-9.8	+4.4	+64	+106	+139	+132	+17	+1.0	-1.7	+73	+7.7	-3.0	-2.5	-0.1	+4.0	-0.04	+30	+0.74	+0.74	+0.96	\$188	\$329
VLYM518	HBR	42%	77%	68%	93%	92%	90%	90%	90%	86%	80%	82%	58%	81%	81%	81%	81%	75%	82%	72%	86%	87%	87%	83%		
NKLF143		95	94	83	3	63	9	20	16	13	57	87	97	39	39	96	84	74	20	22	19	30	7	30	76	75
NHZF1023	HAZELDEAN F1023 ^{SV}	-0.17	+5.2	+1.0	-2.7	+3.0	+38	+72	+82	+60	+14	+3.5	-5.5	+48	+8.7	+2.5	-0.1	+0.1	+5.8	+1.29	+11	+0.48	+1.00	+1.04	\$212	\$332
VTMB1	APR	75%	94%	84%	98%	98%	98%	98%	98%	97%	97%	97%	80%	96%	94%	95%	95%	92%	95%	89%	98%	97%	97%	95%		
NHZB723		12	30	75	78	32	96	96	98	95	74	13	38	94	29	9	48	63	3	99	85	3	57	55	53	73
Breed Average EBVs		-0.04	+2.4	+3.1	-4.6	+3.8	+52	+94	+121	+102	+18	+2.3	-5.1	+69	+6.9	+0.1	-0.2	+0.4	+2.6	+0.24	+21	+0.83	+0.97	+1.02	+211	+360

Date: July 30, 2026

Page: 6

Ident	Name		2023 EBVs																									
Sire Dam	Reg.	Shear Force	Calv-Ease		Birth		Growth			Maternal		Fert		Carcase						Feed	Temp	Structural			Selection Index			
			Dir	Dtrs	GL	BW	200	400	600	MCW	Milk	SS	DC	CW	EMA	Rib	P8	RBY	IMF	NFI-F	Doc	Claw	Angle	Leg	\$A	\$A-L		
NHZQ1229 NHZF1023 NHZJ823	HAZELDEAN Q1229 ^{PV} APR	-0.04 50% 49	+1.6 85% 63	+4.6 72% 39	-3.1 98% 73	+4.3 98% 61	+55 98% 36	+99 98% 35	+122 97% 49	+73 94% 88	+20 91% 34	+4.2 97% 5	-7.4 69% 10	+75 93% 34	+11.7 92% 9	-0.2 91% 55	-2.7 92% 86	+0.3 85% 52	+4.1 93% 18	+0.95 85% 97	+29 98% 21	+0.64 96% 14	+0.98 97% 52	+0.96 92% 30	\$270 5	\$413 15		
NHZQ319 NHZM586 NHZL1175	HAZELDEAN Q319 ^{PV} APR	-0.11 43% 25	+5.7 85% 25	+9.8 70% 2	-8.6 98% 6	+2.4 98% 22	+55 97% 35	+105 97% 20	+141 97% 15	+138 94% 9	+13 90% 84	+3.2 97% 18	-11.2 68% 1	+81 93% 19	+2.5 92% 90	+2.3 91% 11	+0.7 92% 35	-0.9 85% 96	+4.9 93% 9	+0.62 84% 85	+27 97% 25	+0.76 96% 34	+1.02 96% 62	+1.12 88% 77	\$266 6	\$484 1		
NHZR265 NHZM182 NHZN294	HAZELDEAN RENEGADE R265 ^{PV} APR	-0.11 39% 25	+5.8 79% 25	-0.8 65% 98	+0.4 98% 98	+4.0 98% 54	+51 96% 54	+99 97% 36	+135 96% 23	+126 90% 88	+19 85% 43	+1.7 96% 67	-2.0 53% 96	+70 84% 48	+6.0 84% 59	-1.8 83% 86	-2.7 84% 86	+0.0 77% 69	+3.9 84% 21	-0.14 70% 15	+30 96% 19	+0.68 91% 20	+0.84 91% 20	+0.96 77% 30	\$173 86	\$330 75		
NHZ21S2055 NORL519 NHZK458	HAZELDEAN SYNERGY S2055 ^{PV} APR	-0.10 43% 28	+8.8 74% 5	+8.6 68% 6	-12.2 98% 1	+1.8 97% 14	+60 95% 17	+108 95% 15	+147 96% 8	+130 88% 14	+26 81% 8	+2.8 95% 28	-7.5 61% 9	+83 82% 15	+7.5 84% 41	-1.2 83% 76	-3.2 83% 90	+0.5 78% 40	+2.1 84% 60	+0.04 72% 29	+17 95% 64	+0.28 91% 1	+0.52 91% 1	+0.84 73% 8	\$245 18	\$439 6		
DOJ22T194 CSWQ011 DOJK187	HIGHRENT QUARTERBACK T194 APR	-0.04 41% 49	+6.9 72% 16	+8.2 65% 7	-6.9 90% 18	+2.1 92% 18	+57 89% 27	+102 87% 29	+146 87% 10	+89 84% 70	+34 79% 1	+3.0 85% 23	-5.8 53% 32	+83 79% 16	+3.9 76% 81	+1.8 77% 16	+2.2 78% 15	-1.9 70% 99	+6.7 79% 1	-0.33 70% 6	+34 83% 10	+0.54 70% 6	+1.12 71% 82	+0.96 69% 30	\$259 9	\$420 12		
CBJ21S13 CSWQ011 ASHP141	HILLS VIEW SAM S13 ^{PV} HBR	-0.07 39% 38	+5.3 72% 29	+4.1 65% 45	-3.1 95% 73	+3.5 94% 43	+57 92% 29	+113 91% 9	+145 91% 10	+118 87% 26	+22 79% 20	+2.3 88% 45	-3.5 55% 81	+72 81% 42	+5.1 80% 69	+0.1 81% 48	+0.4 81% 40	-0.5 74% 89	+4.0 81% 20	-0.04 70% 22	+30 90% 19	+0.64 88% 14	+0.72 88% 6	+0.94 85% 25	\$226 36	\$397 24		
USA20427019 USA17882682 USA19200093	HOOVER ABOUT IT ^{PV} HBR	-0.09 34% 31	-1.1 80% 81	+4.4 62% 41	-2.4 97% 82	+1.2 97% 8	+55 95% 36	+105 95% 22	+133 94% 26	+93 88% 65	+23 81% 16	+2.8 92% 28	-4.0 49% 72	+77 83% 28	+9.1 84% 25	+2.4 83% 10	+3.0 81% 9	-0.2 76% 78	+2.2 84% 58	+0.76 66% 92	+21 93% 49	+0.74 91% 30	+0.76 91% 9	+0.64 84% 1	\$225 37	\$368 47		
NZE13300018 WWEL3 NZE13300116373	KAKAHU PIVOTAL 18004 ^{PV} HBR	-0.16 41% 14	+3.9 75% 42	+0.2 68% 80	-6.8 96% 19	+3.7 97% 48	+52 96% 50	+97 95% 41	+116 96% 61	+62 92% 94	+27 91% 4	+3.5 93% 13	-8.6 67% 3	+81 90% 19	+8.8 89% 28	+1.0 89% 29	+1.7 90% 21	+0.3 83% 52	+4.5 91% 13	+0.69 82% 89	+2 91% 88	+0.72 89% 26	+0.90 88% 33	+1.04 84% 55	\$296 1	\$435 7		
FCJ21S132 USA18170041 NZE21180117268	KAKAHU S132 ^{PV} HBR	-0.04 36% 49	+2.3 73% 57	+4.2 67% 44	-1.7 98% 88	+3.5 97% 43	+55 96% 35	+98 95% 38	+128 95% 36	+83 88% 78	+22 80% 20	+3.2 90% 18	-3.4 57% 82	+70 81% 46	+7.5 83% 41	-3.8 82% 99	-4.0 82% 94	+0.3 77% 52	+4.6 83% 12	-0.32 70% 7	+33 84% 12	+0.78 85% 38	+0.94 84% 42	+0.76 79% 3	\$230 32	\$362 52		
GXNQ209 USA18463791 VLYL1327	KELLY ANGUS QUINN Q209 ^{SV} HBR	+0.03 37% 74	+7.8 77% 10	+9.4 64% 3	-7.2 96% 15	+2.4 95% 22	+67 93% 5	+120 93% 4	+143 93% 12	+126 89% 18	+27 82% 4	+0.6 85% 93	-10.7 57% 1	+82 88% 18	+5.3 88% 67	-2.7 87% 94	-3.8 88% 93	+0.4 79% 46	+2.3 90% 55	-0.26 81% 9	+36 86% 7	+1.32 85% 99	+1.22 85% 93	+1.16 81% 86	\$297 1	\$504 1		
NDIP481 USA17354145 NDIL236	KENNY'S CREEK PINNACLE P481 HBR	+0.07 40% 84	+1.3 83% 65	+0.4 73% 79	-3.7 98% 65	+3.3 98% 39	+49 97% 66	+89 97% 67	+119 97% 56	+67 94% 92	+23 91% 14	+0.6 95% 93	-3.3 64% 84	+78 92% 25	+4.3 91% 77	+1.4 90% 22	+1.3 91% 26	-1.4 84% 99	+6.3 92% 2	+1.26 84% 99	+17 91% 65	+0.94 92% 71	+0.96 92% 47	+0.88 89% 13	\$215 49	\$327 76		
KILK18 USA16417285 USA15107929	KILLAIN ALASKA K18 ^{PV} HBR	+0.18 41% 97	-12.7 76% 99	-6.8 65% 99	-0.1 91% 96	+6.9 89% 96	+65 89% 6	+119 89% 4	+160 89% 3	+168 87% 1	+16 85% 66	+4.0 84% 7	-2.3 53% 94	+81 86% 19	+6.6 85% 52	-3.3 85% 97	-5.0 86% 98	+1.0 82% 16	-1.1 88% 99	-0.62 77% 2	+32 81% 15	+1.06 77% 88	+0.74 77% 7	+1.02 66% 48	\$114 99	\$262 96		
BLAP91 HIOG18 BLAL06	KNOWLA PEPPER P91 ^{PV} HBR	+0.01 45% 67	+6.3 80% 20	+1.3 73% 73	-5.1 96% 42	+3.8 95% 50	+61 94% 14	+117 93% 5	+147 94% 9	+173 91% 1	+8 89% 98	+1.9 91% 60	-9.7 66% 1	+67 92% 56	+8.5 91% 31	+2.7 90% 7	-0.1 91% 48	+0.6 83% 34	+2.4 92% 53	+0.41 85% 69	-2 91% 99	+0.96 92% 74	+1.00 92% 57	+1.00 89% 42	\$258 10	\$489 1		
Breed Average EBVs			-0.04	+2.4	+3.1	-4.6	+3.8	+52	+94	+121	+102	+18	+2.3	-5.1	+69	+6.9	+0.1	-0.2	+0.4	+2.6	+0.24	+21	+0.83	+0.97	+1.02	+211	+360	

Angus Australia - Shear Force Research Breeding Values

Date: July 30, 2026

Page: 7

Ident	Name																										
Sire Dam	Reg.	Shear Force	Calv-Ease		Birth		Growth			Maternal		Fert		Carcase						Feed	Temp	Structural			Selection Index		
			Dir	Dtrs	GL	BW	200	400	600	MCW	Milk	SS	DC	CW	EMA	Rib	P8	RBY	IMF	NFI-F	Doc	Claw	Angle	Leg	\$A	\$A-L	
BLAR190	KNOWLA REVOLUTION R190 ^{PV}	+0.12	+10.8	+5.7	-11.9	+0.4	+39	+80	+104	+69	+24	+2.5	-4.0	+58	+14.5	+3.7	+2.9	+0.0	+5.1	+0.79	+40	+0.70	+1.00	+1.00	\$224	\$356	
BLAN127	HBR	40%	71%	61%	97%	96%	94%	94%	94%	90%	83%	91%	55%	85%	85%	84%	85%	77%	87%	75%	89%	90%	90%	87%			
BLAP172		92	1	27	1	4	94	86	83	91	12	38	72	80	2	3	10	69	7	93	4	23	57	42	39	57	
BLA21S48	KNOWLA SO RIGHT S48 ^{PV}	+0.17	+6.3	+1.3	-5.2	+3.1	+54	+99	+129	+115	+20	+2.4	-4.6	+80	+7.1	+0.5	+2.1	-0.4	+5.0	+0.19	+27	+0.72	+0.98	+1.00	\$230	\$396	
USA18837398	HBR	42%	87%	77%	99%	99%	98%	98%	98%	96%	92%	98%	59%	92%	91%	90%	91%	82%	92%	82%	99%	97%	97%	95%			
BLAL21		97	20	73	41	34	40	35	34	31	31	41	59	20	46	39	16	86	8	45	26	26	52	42	32	25	
BLA21S44	KNOWLA SUPERIOR S44 ^{PV}	+0.14	+7.9	+1.9	-8.7	+1.8	+52	+103	+135	+132	+7	+1.8	-4.6	+74	+7.7	-0.2	+1.7	+0.3	+3.5	+0.32	+39	+0.48	+0.78	+0.82	\$223	\$404	
BLAN127	HBR	43%	71%	62%	96%	96%	94%	92%	90%	86%	80%	88%	51%	81%	78%	79%	80%	72%	81%	69%	91%	85%	86%	82%			
BLAQ69		94	9	68	6	14	49	27	23	13	99	64	59	36	39	55	21	52	28	60	5	3	11	6	39	20	
BLA22T72	KNOWLA TOP NOTCH T72 ^{PV}	-0.04	+6.7	+1.7	-8.1	+3.3	+58	+109	+143	+148	+9	+3.6	-3.8	+79	+6.8	-0.9	-0.9	+0.6	+3.1	-0.53	+27	+0.70	+0.84	+1.06	\$212	\$402	
BLAN127	HBR	42%	68%	60%	92%	90%	89%	89%	89%	85%	78%	81%	49%	78%	79%	79%	79%	72%	80%	67%	85%	86%	86%	82%			
BLAN14		49	17	69	9	39	22	14	12	5	95	11	76	22	49	71	61	34	36	2	28	23	20	61	52	21	
NZCP117	KO B074 BEAST MODE P117 ^{PV}	+0.08	+1.8	+6.0	-5.4	+1.8	+59	+100	+123	+113	+11	+2.2	-5.8	+54	+1.1	+0.9	-0.1	-1.2	+4.0	+0.47	+12	+0.62	+0.52	+0.72	\$211	\$375	
USA17960722	HBR	37%	84%	73%	98%	98%	97%	97%	96%	96%	92%	92%	63%	91%	91%	91%	91%	85%	92%	82%	91%	92%	92%	88%			
NZCM67		86	61	24	38	14	20	35	46	33	89	49	32	86	96	31	48	99	20	75	82	12	1	2	54	41	
TFA21S1944	LANDFALL SUMMIT S1944 ^{PV}	+0.04	+6.1	+5.2	-6.6	+3.1	+52	+106	+137	+116	+24	+2.5	-5.9	+71	+9.7	+1.6	+1.8	+0.0	+4.1	+0.48	+25	+0.68	+0.74	+0.84	\$250	\$430	
NORL519	HBR	40%	77%	69%	98%	98%	97%	96%	95%	88%	82%	95%	60%	83%	84%	84%	84%	78%	84%	73%	96%	93%	94%	89%			
TFAN829		76	22	32	21	34	50	20	20	29	14	38	30	45	20	19	19	69	18	75	33	20	7	8	14	8	
VLYL483	LAWSONS LINKEDIN L483 ^{SV}	-0.04	+4.3	-6.9	-1.2	+4.2	+58	+108	+151	+143	+24	+4.0	-5.6	+101	+9.0	-1.6	+1.8	+0.3	+2.1	-0.20	+19	+1.02	+0.82	+0.92	\$217	\$396	
HKFJ5	HBR	46%	87%	79%	98%	98%	97%	97%	97%	95%	96%	94%	69%	93%	90%	89%	91%	85%	91%	83%	89%	85%	85%	81%			
VLYH221		49	38	99	92	59	24	16	6	7	11	7	36	2	26	83	19	52	60	12	58	83	17	20	47	25	
VLYQ44	LAWSONS MIRACULOUS Q44 ^{PV}	-0.07	+5.3	+0.2	-7.7	+3.5	+50	+93	+108	+104	+13	+3.2	-4.1	+45	+17.9	-0.2	+0.1	+1.8	+1.8	+0.18	+35	+0.94	+0.92	+0.96	\$228	\$382	
VLYM518	HBR	40%	80%	70%	97%	96%	94%	94%	94%	92%	89%	91%	63%	90%	88%	88%	89%	81%	90%	82%	85%	85%	85%	81%			
VLYK914		38	29	80	11	43	61	55	77	47	84	18	70	96	1	55	44	2	67	44	9	71	37	30	34	35	
VLYM518	LAWSONS MOMENTOUS M518	+0.06	-1.0	+1.9	-5.2	+3.9	+50	+91	+115	+79	+23	+2.8	-2.1	+53	+11.7	-1.2	+0.1	+0.2	+5.9	+0.62	+36	+0.86	+1.00	+1.14	\$224	\$341	
USA17354145	HBR	43%	98%	93%	99%	99%	99%	99%	99%	99%	99%	99%	87%	98%	97%	97%	97%	96%	97%	93%	99%	99%	99%	99%			
VLYH229		82	80	68	41	52	59	60	63	83	14	28	96	89	9	76	44	58	3	85	7	55	57	82	39	68	
VLYR4010	LAWSONS ROCKY R4010 ^{PV}	-0.13	+6.2	+8.3	-4.8	+2.4	+53	+95	+121	+80	+21	+2.7	-4.2	+79	+12.1	+1.5	+1.1	+0.4	+4.3	+1.43	+19	+0.94	+0.98	+1.08	\$261	\$409	
USA17354145	HBR	40%	84%	77%	99%	99%	98%	98%	98%	97%	95%	98%	63%	92%	90%	91%	91%	85%	90%	80%	99%	99%	99%	98%			
VLYP4005		20	21	7	47	22	44	49	51	82	25	31	68	23	8	20	29	46	15	99	56	71	52	67	9	17	
VLYR1217	LAWSONS ROMULUS R1217 ^{PV}	+0.08	+1.4	+6.8	-5.2	+4.1	+64	+110	+151	+123	+18	+1.4	-2.1	+85	+11.7	-3.8	-5.0	+1.5	+3.9	+0.65	+16	+1.16	+1.08	+1.02	\$252	\$411	
USA18217198	HBR	38%	77%	68%	94%	92%	91%	90%	91%	87%	81%	84%	60%	88%	87%	86%	87%	79%	89%	82%	86%	84%	84%	80%			
VLYN976		86	65	17	41	56	8	13	6	21	44	77	96	13	9	99	98	5	21	87	71	95	75	48	14	16	
MAN22T221	MANDAYEN MAINLAND T221 ^{PV}	-0.09	+9.8	+7.3	-6.7	+1.4	+52	+92	+126	+80	+25	+3.5	-5.9	+81	+13.5	-1.2	-1.1	+1.3	+3.3	+0.73	+24	+0.76	+0.90	+0.94	\$272	\$422	
TFAQ494	HBR	41%	75%	64%	98%	98%	97%	91%	88%	85%	78%	85%	48%	79%	74%	75%	75%	67%	77%	66%	95%	71%	71%	71%			
MANR461		31	2	13	20	10	50	59	40	82	9	13	30	19	4	76	65	8	32	91	36	34	33	25	5	11	
CHK21S093	MANEROO PARTNERS S093 ^{SV}	+0.13	+1.9	+1.4	-2.8	+4.6	+60	+100	+125	+114	+15	+3.0	-6.5	+72	+14.6	-2.3	-3.3	+1.2	+4.0	+0.30	+32	+1.02	+1.02	+1.00	\$265	\$429	
USA19266718	APR	37%	72%	64%	92%	93%	91%	91%	90%	86%	79%	81%	54%	80%	80%	80%	80%	74%	80%	68%	84%	84%	84%	79%			
CHKN068		93	61	72	77	67	17	33	43	32	73	23	20	42	2	91	91	10	20	57	14	83	62	42	7	8	
Breed Average EBVs		-0.04	+2.4	+3.1	-4.6	+3.8	+52	+94	+121	+102	+18	+2.3	-5.1	+69	+6.9	+0.1	-0.2	+0.4	+2.6	+0.24	+21	+0.83	+0.97	+1.02	+211	+360	

Angus Australia - Shear Force Research Breeding Values

Date: July 30, 2026

Page: 8

Ident	Name																										
Sire Dam	Reg.	Shear Force	Calv-Ease		Birth		Growth			Maternal		Fert		Carcase						Feed	Temp	Structural			Selection Index		
			Dir	Dtrs	GL	BW	200	400	600	MCW	Milk	SS	DC	CW	EMA	Rib	P8	RBY	IMF	NFI-F	Doc	Claw	Angle	Leg	\$A	\$A-L	
NMMG18	MILLAH MURRAH HIGHLANDER	-0.11	-0.2	-2.2	-2.9	+4.7	+49	+86	+109	+85	+18	+3.8	-2.3	+77	+10.9	-3.5	-1.6	+2.1	-0.2	-0.01	+16	+0.78	+0.94	+0.98	\$178	\$291	
NZE12170004408	HBR	72%	85%	75%	97%	96%	94%	94%	94%	91%	89%	90%	66%	91%	90%	90%	91%	84%	92%	85%	91%	84%	85%	80%			
NMMD85		25	76	91	76	69	66	74	76	76	50	9	94	28	13	98	72	1	97	25	68	38	42	36	83	91	
NMMK35	MILLAH MURRAH KINGDOM K35	+0.02	-9.9	-4.2	-2.0	+8.8	+55	+100	+138	+149	+10	+0.9	-5.8	+64	+7.1	+0.0	-0.1	+1.0	-0.9	-0.71	+29	+0.86	+1.32	+1.20	\$149	\$297	
NZE469	HBR	46%	96%	91%	99%	99%	98%	98%	98%	98%	98%	98%	83%	97%	95%	96%	96%	94%	95%	90%	98%	96%	96%	94%			
NMMG41		71	99	96	86	99	35	33	18	5	93	89	32	66	46	51	48	16	99	1	21	55	98	91	95	89	
NMMK42	MILLAH MURRAH KLOONEY K42	-0.04	+2.5	+1.0	-5.9	+5.6	+47	+85	+108	+89	+21	+2.2	-5.5	+66	+6.7	-1.5	-3.2	+1.2	+2.2	+0.09	+17	+0.84	+0.92	+1.06	\$201	\$333	
NGMT30	HBR	45%	96%	91%	99%	99%	99%	99%	99%	98%	98%	98%	85%	97%	96%	96%	96%	95%	96%	91%	99%	97%	97%	95%			
NMMH4		49	55	75	30	84	74	77	78	71	27	49	38	58	51	81	90	10	58	34	65	51	37	61	64	73	
NMML133	MILLAH MURRAH LOCH UP L133	-0.18	+6.1	+4.4	-5.4	+4.8	+59	+100	+131	+103	+24	+2.1	-3.2	+79	+1.6	-2.2	-3.8	-0.6	+2.0	-0.01	+32	+0.72	+1.10	+1.16	\$178	\$325	
USA17091363	HBR	40%	95%	89%	99%	99%	98%	99%	98%	98%	98%	98%	84%	97%	96%	96%	96%	95%	96%	90%	99%	98%	97%	96%			
NMMH49		10	22	41	38	71	20	33	29	48	12	53	85	23	94	90	93	91	62	25	14	26	79	86	83	77	
NMMM308	MILLAH MURRAH MILESTONE	+0.13	+6.6	+5.5	-6.8	+4.6	+41	+77	+88	+73	+14	+2.8	-4.1	+40	+4.3	+2.5	+4.4	-0.4	+2.6	+0.21	+18	+0.82	+0.96	+1.18	\$180	\$310	
NZE14647008839	HBR	44%	86%	76%	98%	98%	97%	97%	96%	95%	94%	96%	71%	91%	90%	91%	91%	86%	91%	82%	96%	85%	85%	83%			
NMMH331		93	18	29	19	67	92	91	96	88	73	28	70	98	77	9	3	86	48	47	61	47	47	89	82	84	
NJWE158	MILWILLAH LAD E158 ^{SV}	+0.06	-3.6	-8.2	-8.1	+7.9	+41	+78	+106	+108	+8	+2.0	-5.0	+43	+8.9	-0.7	-5.1	+1.4	+3.3	+0.31	+13	+0.78	+0.86	+0.76	\$156	\$276	
NZEE230	HBR	79%	85%	77%	95%	97%	97%	96%	96%	93%	96%	93%	65%	92%	91%	91%	91%	86%	92%	83%	90%	80%	80%	72%			
VTMX114		82	90	99	9	99	92	89	80	41	97	56	49	97	27	66	98	6	32	58	80	38	24	3	93	94	
BWFQ33	MOOGENILLA QUINELLA Q33 ^{PV}	-0.18	+2.6	+8.9	-6.2	+3.9	+59	+113	+145	+84	+30	+3.1	-4.3	+92	+9.2	-0.4	+0.7	-0.6	+5.2	+0.40	+32	+0.88	+0.92	+0.88	\$273	\$425	
USA18181757	HBR	39%	86%	76%	99%	99%	99%	99%	98%	98%	97%	98%	70%	95%	94%	94%	94%	90%	94%	88%	99%	98%	99%	98%			
BWFN9		10	54	4	26	52	21	8	10	77	2	20	65	5	24	60	35	91	7	68	14	59	37	13	4	10	
NWI21S03	MORTON'S SUPERTROOPER S03	-0.07	+3.8	+7.2	-7.3	+4.0	+57	+106	+144	+120	+18	+2.9	-4.6	+95	+12.2	-3.3	-4.2	+1.5	+2.0	+0.53	+15	+0.82	+0.96	+1.10	\$238	\$409	
NMMP15	HBR	38%	72%	67%	91%	90%	89%	86%	86%	83%	79%	83%	54%	77%	73%	73%	74%	66%	77%	68%	87%	69%	69%	67%			
NWIM17		38	43	13	14	54	29	19	12	24	47	25	59	4	7	97	95	5	62	79	73	47	47	72	24	17	
CSWP036	MURDEDUKE BLACK PEARL	-0.11	+0.0	+0.1	-8.3	+5.0	+49	+94	+129	+119	+22	+3.5	-7.3	+58	+0.4	+0.4	-1.1	-1.1	+6.4	+0.46	+17	+0.84	+1.20	+1.20	\$204	\$365	
USA17236055	HBR	43%	81%	72%	96%	97%	96%	96%	94%	92%	88%	92%	69%	92%	91%	90%	91%	83%	92%	87%	95%	94%	94%	91%			
CSWL123		25	75	81	8	75	63	51	33	26	18	13	11	79	97	41	65	98	2	74	64	51	92	91	61	49	
CSWK428	MURDEDUKE KICKING K428 ^{PV}	-0.21	+7.8	+9.7	-7.5	+1.8	+48	+94	+115	+90	+24	+3.5	-6.1	+67	+2.5	-0.3	-3.1	+0.3	+0.7	-0.06	+40	+0.88	+1.04	+1.16	\$187	\$343	
VTME343	HBR	42%	90%	78%	98%	98%	97%	98%	97%	96%	96%	97%	72%	94%	92%	91%	93%	88%	93%	87%	97%	97%	97%	95%			
CSWE175		7	10	2	13	14	69	52	63	69	11	13	26	57	90	58	89	52	89	21	4	59	67	86	77	66	
CSW22T115	MURDEDUKE PHEASANTRY	-0.27	+1.8	+4.0	-6.2	+4.7	+55	+104	+129	+127	+28	+3.1	-8.5	+76	+5.7	+1.5	+1.3	-1.1	+6.8	+0.75	+21	+0.34	+0.96	+1.20	\$253	\$438	
VTMP1479	HBR	39%	71%	64%	88%	86%	86%	85%	85%	83%	78%	81%	53%	77%	76%	76%	77%	70%	78%	69%	81%	79%	79%	77%			
CSWR082		3	61	46	26	69	37	24	34	17	4	20	4	30	62	20	26	98	1	92	49	1	47	91	13	6	
CSWQ011	MURDEDUKE QUARTERBACK	+0.08	+6.4	+3.2	-9.4	+3.0	+54	+101	+136	+102	+25	+4.1	-5.4	+78	+4.6	+1.4	+2.9	-1.2	+5.3	+0.25	+22	+0.70	+1.06	+1.06	\$236	\$400	
VLYM518	HBR	43%	92%	87%	99%	99%	99%	99%	99%	98%	98%	99%	77%	96%	94%	95%	95%	93%	94%	89%	99%	99%	99%	99%			
CSWN026		86	20	55	3	32	43	31	21	51	8	6	40	25	74	22	10	99	6	52	44	23	71	61	26	22	
NURM204	MURRAY PROCEED M204 ^{PV}	-0.38	-6.1	+6.1	-4.1	+4.5	+61	+105	+143	+133	+18	+2.3	-3.5	+88	+14.2	-4.9	-6.2	+0.9	+6.6	+0.09	+21	+1.00	+0.76	+0.92	\$234	\$387	
USA16956101	HBR	43%	82%	73%	96%	96%	95%	95%	95%	91%	89%	92%	66%	92%	91%	89%	92%	87%	92%	85%	93%	91%	91%	88%			
NURJ43		1	95	23	58	65	15	20	13	12	44	45	81	8	3	99	99	20	1	34	48	81	9	20	29	32	
Breed Average EBVs		-0.04	+2.4	+3.1	-4.6	+3.8	+52	+94	+121	+102	+18	+2.3	-5.1	+69	+6.9	+0.1	-0.2	+0.4	+2.6	+0.24	+21	+0.83	+0.97	+1.02	+211	+360	

Date: July 30, 2026

Page: 9

Ident	Name																											
Sire Dam	Reg.	Shear Force	Calv-Ease		Birth		Growth			Maternal		Fert		Carcase						Feed	Temp	Structural			Selection Index			
			Dir	Dtrs	GL	BW	200	400	600	MCW	Milk	SS	DC	CW	EMA	Rib	P8	RBY	IMF	NFI-F	Doc	Claw	Angle	Leg	\$A	\$A-L		
SFNL21 NZE10322010609 SFNH65	NAMPARA LIBERTY L21 ^{SV} HBR	+0.02 37% 71	-4.7 89% 93	-4.0 76% 95	-6.5 98% 22	+8.7 98% 99	+67 97% 5	+112 97% 10	+149 97% 7	+160 95% 2	+19 96% 41	+2.8 96% 28	-0.9 65% 99	+80 94% 22	+7.2 92% 45	-2.0 90% 88	-0.9 93% 61	+1.7 88% 3	-2.4 93% 99	-0.71 87% 1	+21 95% 49	+0.90 92% 63	+0.90 92% 33	+1.00 88% 42	\$145 96	\$299 88		
WLGP5 USA18229425 WLG M24	NARANDA PIMP P5 ^{SV} APR	-0.06 37% 42	+10.3 79% 1	+9.4 67% 3	-11.5 97% 1	+1.4 95% 10	+51 95% 56	+96 94% 44	+125 94% 42	+88 90% 72	+23 86% 15	+1.6 88% 71	-3.5 57% 81	+80 90% 20	+7.0 87% 47	+1.6 87% 19	+2.9 88% 10	-0.3 78% 82	+3.6 90% 26	+0.30 82% 57	-2 90% 99	+0.68 87% 20	+0.78 87% 11	+1.06 82% 61	\$232 30	\$383 34		
SKOJ6 VTME343 NZCE115	NEWLYN PARK EMPEROR J6 ^{PV} HBR	-0.02 44% 57	-4.7 79% 93	-5.4 71% 97	-6.6 93% 21	+7.3 92% 97	+65 91% 6	+112 91% 9	+142 91% 13	+159 89% 7	+8 85% 97	+1.5 85% 74	-3.8 65% 76	+78 87% 25	+8.1 87% 35	-1.4 86% 80	-1.8 87% 75	+1.3 81% 8	+0.4 88% 92	-0.74 80% 1	+13 86% 79	+1.08 86% 90	+0.86 86% 24	+0.76 81% 3	\$186 77	\$352 60		
NZE21095018 HIOE7 NZE21095112H49	NGAPUTAH I P206 ^{PV} HBR	-0.21 58% 7	+8.7 83% 6	+4.2 74% 44	-1.3 93% 91	+0.2 97% 3	+42 96% 90	+84 96% 79	+98 93% 90	+7 93% 88	+25 89% 8	+2.8 95% 28	-8.4 68% 4	+52 90% 90	+5.2 90% 68	+0.1 90% 48	-2.0 90% 78	+1.0 83% 16	+4.0 91% 20	+0.15 83% 40	+15 90% 72	+0.98 87% 78	+1.14 88% 85	+1.08 84% 67	\$243 20	\$388 31		
NZE21095020 USA17960722 NZE2109510845	NGAPUTAH I R160 ^{SV} HBR	+0.01 37% 67	-1.0 79% 80	+4.0 69% 46	-1.0 96% 93	+5.0 97% 75	+65 96% 7	+110 95% 13	+131 94% 30	+114 89% 32	+17 84% 54	+4.6 91% 3	-4.5 60% 61	+75 84% 33	+4.2 85% 78	-1.1 84% 74	-1.0 84% 63	+0.1 79% 63	+3.1 84% 36	-0.19 71% 12	+30 92% 18	+0.86 91% 55	+0.80 90% 14	+0.92 86% 20	\$228 34	\$386 32		
USA16981588 USA16381311 USA16408070	PA FULL POWER 1208 ^{PV} HBR	-0.07 44% 38	-3.9 95% 91	-3.8 87% 95	-4.8 99% 47	+3.8 98% 50	+53 98% 47	+98 98% 38	+120 98% 53	+75 98% 86	+14 98% 77	+2.0 98% 56	-2.4 76% 94	+71 96% 44	+12.8 95% 5	-1.6 95% 83	+0.6 95% 36	+1.0 93% 16	+3.0 95% 38	+0.82 88% 94	+20 98% 53	+1.24 98% 98	+0.92 98% 37	+0.74 92% 2	\$229 34	\$337 71		
HKFK146 HKFH114 HKFG42	PARINGA RED PILBARA K146 ^{PV} HBR	-0.26 41% 3	+0.1 76% 74	-1.2 63% 87	-0.4 94% 95	+2.6 92% 25	+31 91% 99	+59 91% 99	+66 91% 99	+28 87% 99	+20 84% 30	+1.5 84% 74	-6.5 55% 20	+39 88% 98	+7.0 88% 47	+1.2 87% 25	+2.6 88% 12	-0.3 81% 82	+6.2 90% 2	+0.82 82% 94	+14 84% 76	+0.74 80% 30	+1.06 80% 71	+1.14 73% 82	\$210 55	\$294 90		
SMPG357 VTMB1 SMPD245	PATHFINDER GENESIS G357 ^{PV} HBR	-0.12 43% 23	-1.4 97% 82	+3.0 91% 57	-7.1 99% 16	+6.6 99% 94	+62 99% 13	+109 99% 14	+148 99% 8	+140 98% 8	+25 98% 9	+4.4 98% 4	-8.6 87% 3	+95 97% 4	+13.7 96% 4	+0.1 97% 48	-0.6 97% 57	+1.4 95% 6	+0.5 96% 91	+0.59 91% 84	+29 99% 20	+0.84 98% 51	+1.10 98% 79	+0.80 97% 5	\$253 13	\$439 5		
SMPK22 SMPG357 SMPH756	PATHFINDER COMPLETE K22 ^{SV} HBR	-0.05 42% 45	+9.9 94% 2	+7.1 84% 14	-9.1 99% 4	+0.9 98% 6	+41 98% 91	+74 98% 94	+97 98% 91	+52 97% 98	+25 98% 9	+2.9 98% 25	-8.3 76% 4	+51 96% 90	+6.9 94% 48	+3.5 95% 3	+6.0 95% 1	+0.2 93% 58	+2.3 95% 55	+0.56 88% 82	+26 97% 28	+0.50 96% 4	+0.90 97% 33	+0.68 95% 1	\$251 14	\$384 34		
SMPM651 VTMG67 SMPH66	PATHFINDER MASTERPIECE HBR	+0.03 46% 74	+3.3 81% 48	+3.9 73% 47	-6.2 92% 26	+5.1 95% 77	+55 93% 36	+102 93% 28	+127 93% 38	+139 89% 8	+21 89% 24	+3.6 89% 11	-8.0 64% 6	+53 88% 88	+10.2 87% 17	-1.7 87% 84	-4.2 88% 95	+1.8 81% 2	+1.4 89% 76	-0.24 81% 10	+34 83% 11	+1.00 77% 81	+1.18 77% 90	+1.18 74% 89	\$228 35	\$417 13		
SMPP516 SMPM558 SMPJ282	PATHFINDER PHAT CAT P516 ^{SV} HBR	+0.02 43% 71	+4.1 80% 40	+2.9 68% 58	-7.2 96% 15	+4.6 96% 67	+51 95% 53	+89 95% 65	+116 95% 61	+81 92% 80	+25 89% 8	+5.2 93% 1	-8.7 60% 3	+48 88% 94	+11.7 86% 9	-3.5 86% 98	-3.0 87% 88	+0.8 80% 24	+5.9 88% 3	+0.17 80% 43	+38 93% 5	+0.74 90% 30	+1.10 91% 79	+0.90 86% 16	\$282 3	\$433 7		
SMP22T9 CSWQ011 SMPQ1130	PATHFINDER QUARTERBACK T9 HBR	+0.07 42% 84	+5.2 74% 30	+4.9 69% 36	-8.0 90% 9	+2.2 93% 19	+48 92% 70	+92 90% 57	+124 89% 45	+76 86% 85	+29 81% 3	+4.2 88% 5	-4.2 57% 68	+70 81% 47	+16.6 79% 1	+0.0 80% 51	+0.8 80% 33	+1.0 73% 16	+5.0 81% 8	+0.70 72% 90	+17 84% 64	+0.58 66% 8	+1.00 66% 57	+0.90 66% 16	\$268 6	\$410 17		
SMP22T756 NURM204 SMPN248	PATHFINDER TASMANIA T756 ^{SV} HBR	+0.00 41% 64	+2.7 74% 54	+7.0 63% 15	-5.0 99% 44	+2.3 98% 20	+62 96% 11	+106 95% 20	+128 96% 35	+101 89% 52	+20 80% 34	+3.1 90% 26	-5.6 56% 36	+75 83% 34	+6.5 86% 53	-1.0 84% 73	-2.5 85% 84	-0.3 79% 82	+7.5 85% 1	+0.04 73% 29	+20 93% 55	+0.82 75% 47	+0.96 75% 47	+1.10 71% 72	\$277 4	\$440 5		
Breed Average EBVs		-0.04	+2.4	+3.1	-4.6	+3.8	+52	+94	+121	+102	+18	+2.3	-5.1	+69	+6.9	+0.1	-0.2	+0.4	+2.6	+0.24	+21	+0.83	+0.97	+1.02	+211	+360		

Angus Australia - Shear Force Research Breeding Values

Date: July 30, 2026

Page: 10

Ident	Name																										
Sire Dam	Reg.	Shear Force	Calv-Ease		Birth		Growth			Maternal		Fert		Carcase						Feed	Temp	Structural			Selection Index		
			Dir	Dtrs	GL	BW	200	400	600	MCW	Milk	SS	DC	CW	EMA	Rib	P8	RBY	IMF	NFI-F	Doc	Claw	Angle	Leg	\$A	\$A-L	
USA20313395	PEAK STAPLETON ^{PV}	-0.03	+0.2	+8.3	-2.9	+4.9	+62	+112	+133	+99	+16	+0.4	-5.4	+88	+17.8	+0.7	+0.7	+1.1	+5.2	+0.86	+26	+0.94	+1.02	+0.80	\$318	\$480	
USA19559741	HBR	35%	72%	59%	95%	94%	91%	88%	86%	84%	80%	83%	44%	81%	79%	75%	73%	68%	81%	64%	84%	93%	92%	61%			
USA19568610		53	73	7	76	73	12	10	26	55	59	96	40	9	1	35	35	13	7	95	31	71	62	5	1	1	
NZE41-97	PINEBANK WAIGROUP 41/97 [#]	+0.17	+2.7	-3.6	-3.6	+3.6	+37	+64	+77	+51	+18	+0.9	-4.9	+18	+5.3	+1.2	+0.3	+0.9	+1.1	-0.03	+33	+0.30	+0.90	+0.94	\$165	\$256	
NZE53195	HBR	83%	96%	91%	98%	99%	98%	98%	98%	98%	98%	98%	89%	97%	96%	96%	96%	95%	96%	90%	93%	89%	89%	84%			
NZE63988		97	54	95	66	45	97	99	99	98	45	89	52	99	67	25	41	20	82	23	12	1	33	25	90	97	
USA20060473	POSS WINCHESTER ^{PV}	+0.14	+2.3	+5.3	-7.5	+5.3	+80	+132	+171	+160	+13	+2.1	-5.9	+104	+10.3	-0.3	-3.1	+0.0	+2.7	-0.18	+27	+0.70	+0.82	+0.92	\$278	\$487	
USA19555171	HBR	38%	76%	58%	98%	98%	97%	97%	96%	90%	84%	95%	49%	87%	88%	86%	84%	79%	88%	67%	93%	98%	98%	78%			
USA18631711		94	57	31	13	80	1	1	1	2	83	53	30	1	16	58	89	69	45	13	25	23	17	20	3	1	
NLRE17	REILAND EVERITT E17 ^{PV}	+0.30	-5.2	+3.2	-1.4	+4.9	+50	+86	+118	+87	+17	+4.5	-3.3	+62	+10.1	-2.0	+0.7	+1.0	+1.7	-0.43	+13	+1.08	+0.90	+0.98	\$189	\$304	
USA13058662	HBR	78%	88%	79%	96%	97%	96%	96%	96%	94%	94%	94%	70%	92%	91%	91%	91%	87%	92%	84%	88%	87%	87%	83%			
NAQW232		99	94	55	90	73	58	73	57	72	57	3	84	70	18	88	35	16	70	4	79	90	33	36	75	87	
NORE11	RENNYLEA EDMUND E11 ^{PV}	-0.02	+8.3	+0.0	-6.7	+1.3	+34	+64	+83	+54	+16	+1.8	-8.9	+50	+3.9	+3.5	+1.3	-0.2	+4.1	+0.75	+23	+0.54	+1.04	+1.10	\$208	\$328	
NGMY145	HBR	81%	99%	97%	99%	99%	99%	99%	99%	99%	99%	99%	95%	98%	98%	98%	98%	98%	98%	96%	99%	99%	99%	99%			
VLYY5		57	7	81	20	9	99	99	98	97	63	64	3	92	81	3	26	78	18	92	42	6	67	72	58	76	
NORH708	RENNYLEA H708 ^{PV}	+0.02	-5.9	+4.1	+1.3	+4.4	+45	+100	+126	+130	+11	+2.2	-3.5	+70	+12.4	-3.1	-6.6	+2.0	+7.3	+0.59	+22	+0.66	+0.68	+0.94	\$219	\$370	
NORC511	APR	54%	94%	87%	98%	98%	98%	98%	98%	98%	97%	98%	84%	96%	96%	96%	96%	94%	96%	93%	98%	98%	98%	97%			
NORE176		71	95	45	99	63	79	34	40	14	89	49	81	47	7	96	99	1	1	84	47	17	4	25	45	45	
NORL508	RENNYLEA L508 ^{PV}	-0.14	+2.6	+7.9	-5.7	+2.7	+46	+84	+118	+87	+26	+1.4	-8.5	+57	+5.6	+0.5	-0.6	-0.1	+5.6	+0.52	+14	+0.64	+0.82	+0.88	\$253	\$405	
USA17366506	HBR	42%	93%	86%	99%	99%	98%	98%	98%	98%	98%	98%	84%	96%	96%	96%	96%	94%	96%	90%	99%	98%	98%	97%			
NORH414		18	54	9	33	27	77	78	58	73	7	77	4	82	64	39	57	74	4	79	78	14	17	13	12	20	
NORP987	RENNYLEA P987 ^{PV}	+0.14	+8.8	+9.0	-7.9	+1.7	+49	+95	+119	+127	+7	+0.2	-3.5	+68	+4.8	+3.9	+2.5	-1.3	+8.4	+0.93	+10	+0.86	+1.10	+1.08	\$222	\$401	
NORM763	APR	41%	77%	67%	97%	98%	97%	97%	97%	95%	93%	96%	66%	91%	90%	90%	91%	84%	91%	83%	97%	95%	95%	92%			
NORM1184		94	5	4	10	13	64	47	56	17	99	97	81	52	72	2	13	99	1	97	88	55	79	67	41	21	
NORQ1077	RENNYLEA Q1077 ^{PV}	-0.01	+2.2	+10.6	-4.3	+2.7	+50	+98	+122	+107	+11	+2.1	-6.1	+77	+16.3	+0.4	-0.4	+1.6	+5.1	+0.64	+20	+0.68	+0.78	+0.92	\$285	\$456	
NORH708	APR	46%	85%	73%	98%	98%	97%	97%	97%	95%	92%	97%	65%	89%	88%	88%	88%	84%	88%	77%	98%	96%	96%	94%			
NORG101		60	58	1	55	27	60	39	49	42	90	53	26	27	1	41	53	4	7	87	52	20	11	20	2	3	
NORQ213	RENNYLEA Q213 ^{PV}	-0.04	+8.5	+6.9	-7.0	+1.2	+62	+116	+144	+94	+21	+0.7	-11.1	+96	+8.7	+1.3	+0.5	+0.2	+3.2	+0.64	+27	+0.48	+0.68	+0.92	\$336	\$525	
NORK907	APR	40%	86%	73%	98%	98%	98%	98%	97%	96%	94%	97%	67%	92%	91%	91%	91%	86%	91%	83%	98%	97%	97%	95%			
NORL110		49	7	16	17	8	13	6	11	63	29	92	1	3	29	23	38	58	34	87	27	3	4	20	1	1	
NORR992	RENNYLEA R992 ^{PV}	-0.08	+3.6	+8.1	+2.1	+1.2	+44	+83	+113	+84	+25	+1.7	-6.7	+71	+12.6	+0.4	+0.3	+0.5	+5.8	+1.06	+22	+0.62	+0.84	+0.84	\$260	\$409	
NORN542	APR	40%	71%	63%	95%	95%	94%	94%	94%	92%	88%	92%	61%	89%	87%	87%	88%	80%	89%	81%	93%	90%	91%	86%			
NORM1034		35	45	8	99	8	84	82	68	77	8	67	17	43	6	41	41	40	3	99	47	12	20	8	9	17	
NOR22T1430	RENNYLEA T1430 ^{PV}	-0.44	+5.1	+9.9	-4.3	+3.8	+55	+103	+142	+102	+24	+2.1	-5.9	+104	+17.9	-1.3	-0.6	+1.4	+5.1	+0.87	+24	+0.46	+0.80	+1.02	\$308	\$481	
NORQ1077	APR	42%	77%	63%	98%	97%	97%	93%	92%	87%	80%	90%	53%	81%	80%	80%	81%	74%	81%	70%	96%	79%	80%	72%			
NORQ58		1	31	2	55	50	35	27	13	51	14	53	30	1	1	78	57	6	7	96	39	2	14	48	1	1	
NOR22T458	RENNYLEA T458 ^{PV}	-0.28	+5.3	+8.3	-4.8	+2.8	+53	+94	+124	+102	+26	+1.8	-6.0	+66	+18.5	-2.2	-1.8	+0.7	+7.2	+0.11	+28	+0.96	+1.16	+0.98	\$288	\$457	
VTMQ1454	APR	43%	71%	64%	97%	97%	96%	93%	91%	87%	81%	90%	55%	82%	80%	81%	81%	75%	82%	71%	95%	85%	85%	79%			
NORK723		2	29	7	47	29	47	52	44	50	7	64	28	60	1	90	75	29	1	36	22	74	88	36	2	3	
Breed Average EBVs		-0.04	+2.4	+3.1	-4.6	+3.8	+52	+94	+121	+102	+18	+2.3	-5.1	+69	+6.9	+0.1	-0.2	+0.4	+2.6	+0.24	+21	+0.83	+0.97	+1.02	+211	+360	

Angus Australia - Shear Force Research Breeding Values

Date: July 30, 2026

Page: 11

Ident	Name																										
Sire			Calv-Ease		Birth		Growth			Maternal		Fert		Carcase						Feed	Temp	Structural			Selection Index		
Dam	Reg.	Shear Force	Dir	Dtrs	GL	BW	200	400	600	MCW	Milk	SS	DC	CW	EMA	Rib	P8	RBY	IMF	NFI-F	Doc	Claw	Angle	Leg	\$A	\$A-L	
VKR22T58	RIGA TAVERN T58 ^{PV}	-0.06	+4.8	+3.2	-4.0	+2.0	+58	+110	+135	+129	+14	+4.2	-3.3	+72	+7.3	-1.2	-0.8	+0.3	+3.0	+0.05	+34	+0.86	+0.88	+1.00	\$212	\$389	
USA19169335	HBR	38%	74%	62%	91%	91%	88%	87%	87%	84%	79%	81%	49%	77%	77%	77%	78%	71%	79%	65%	83%	81%	79%	74%			
VKRR38		42	34	55	60	16	23	13	23	15	75	5	84	42	44	76	60	52	38	30	10	55	28	42	53	30	
NZE14572019	RISSINGTON SOVEREIGN Q485	-0.01	+10.6	+9.2	-7.0	+0.7	+63	+116	+160	+129	+27	+2.4	-5.5	+94	+7.2	-1.9	-5.5	+0.2	+7.0	+0.06	-5	+0.96	+0.98	+1.24	\$282	\$474	
HKFM103	HBR	41%	83%	69%	99%	98%	98%	98%	98%	95%	92%	97%	57%	93%	92%	91%	92%	82%	92%	86%	98%	97%	98%	96%			
NZE14572117009		60	1	3	17	5	10	6	3	15	5	41	38	4	45	87	99	58	1	31	99	74	52	95	3	1	
BGB22T330	RISSINGTON TITAN T330 ^{PV}	-0.20	+5.2	+4.9	-2.7	+3.2	+53	+92	+122	+118	+21	+2.0	-4.6	+77	+10.9	-3.9	-5.6	+1.5	+6.2	+0.33	+7	+0.84	+0.88	+0.94	\$246	\$410	
NZE145720200321	HBR	37%	71%	58%	94%	91%	90%	86%	85%	82%	75%	78%	42%	75%	70%	71%	72%	62%	74%	62%	88%	65%	65%	60%			
NZE145721190379		8	30	36	78	37	45	58	49	27	27	56	59	28	13	99	99	5	2	61	93	51	28	25	18	16	
USA16396573	S A V CAMARO 9272 ^{SV}	-0.41	+5.2	+0.5	-7.0	+3.6	+47	+77	+97	+101	+9	+1.3	-6.1	+41	+0.9	-0.5	-2.5	+1.0	+1.7	+1.18	+21	+1.12	+0.88	+0.80	\$177	\$319	
USA0035	HBR	70%	86%	74%	97%	97%	96%	96%	96%	93%	95%	92%	64%	93%	91%	91%	91%	84%	93%	84%	87%	86%	86%	78%			
USA15688516		1	30	78	17	45	73	91	91	52	96	80	26	98	96	62	84	16	70	99	49	93	28	5	84	80	
FCD21S52	SEVEN HILLS STERLING S52 ^{PV}	-0.11	+6.7	+4.7	-3.0	+2.6	+57	+103	+131	+118	+16	+1.7	-3.2	+66	+10.7	-1.4	-1.9	+1.0	+3.6	-0.05	+27	+0.84	+1.08	+0.90	\$236	\$403	
USA18837398	HBR	38%	71%	62%	94%	93%	91%	91%	91%	86%	79%	81%	50%	79%	80%	80%	80%	74%	81%	66%	89%	87%	87%	82%			
NZE21159116122		25	17	38	74	25	27	25	30	27	63	67	85	60	14	80	76	16	26	21	25	51	75	16	26	21	
FCD22T53	SEVEN HILLS T53 ^{PV}	-0.08	+9.2	+6.9	-5.0	+1.1	+56	+104	+134	+96	+22	+3.3	-5.7	+83	+13.0	-1.3	-1.1	+0.6	+3.4	+0.15	+23	+0.86	+0.88	+0.90	\$266	\$432	
USA19123898	HBR	36%	69%	61%	94%	91%	90%	87%	87%	84%	78%	81%	48%	77%	74%	75%	75%	67%	77%	65%	88%	76%	76%	71%			
NZE21159120016		35	4	16	44	8	30	23	25	59	23	16	34	15	5	78	65	34	30	40	43	55	28	16	6	7	
APB22T385	SHACORRAHDALU TANK T385	+0.20	+10.2	+6.2	-10.9	+0.5	+56	+112	+136	+90	+21	+2.6	-11.7	+79	+12.8	+1.4	-0.2	+0.9	+2.7	+0.37	+37	+0.62	+0.88	+1.02	\$331	\$518	
NORQ213	APR	42%	75%	63%	94%	94%	92%	91%	89%	85%	79%	89%	52%	80%	74%	74%	75%	66%	78%	69%	90%	87%	87%	84%			
APBN158		98	2	22	1	4	30	10	22	69	24	35	1	23	5	22	50	20	45	65	7	12	28	48	1	1	
USA19189229	STERLING CONFIDENCE PLUS	-0.05	+4.7	+3.0	-5.9	+1.3	+57	+103	+123	+77	+24	+0.7	-5.3	+72	+11.1	+1.8	+1.6	+0.3	+1.7	+0.09	+16	+0.98	+0.86	+0.94	\$259	\$402	
USA17585576	HBR	36%	85%	69%	98%	98%	97%	98%	97%	93%	88%	97%	52%	87%	88%	86%	85%	79%	88%	73%	97%	96%	96%	94%			
USA18171316		45	35	57	30	9	27	26	47	84	14	92	42	42	12	16	22	52	70	34	71	78	24	25	9	21	
FAM21S329	STOKMAN SOLUTION S329 ^{PV}	-0.02	+6.9	+5.1	-10.5	-1.1	+44	+91	+109	+55	+23	+3.4	-8.2	+64	+10.6	+2.5	+2.0	+0.6	+2.4	+0.86	+1	+0.94	+1.14	+0.96	\$269	\$411	
USA19057457	HBR	36%	90%	68%	99%	99%	98%	98%	98%	92%	85%	98%	51%	83%	86%	85%	85%	78%	85%	69%	99%	98%	98%	97%			
NZE21043118P69		57	16	33	2	1	83	60	75	97	14	14	5	65	14	9	17	34	53	95	98	71	85	30	6	16	
FAM21S346	STOKMAN STELLAR S346 ^{PV}	+0.10	+4.8	+9.5	-7.4	+1.9	+53	+109	+135	+106	+14	+3.1	-7.8	+69	+5.6	+4.6	+3.5	-0.2	+2.9	+0.56	+22	+0.56	+0.94	+0.98	\$267	\$453	
USA18397542	HBR	37%	81%	68%	96%	96%	95%	91%	90%	87%	81%	87%	53%	81%	78%	78%	79%	72%	80%	69%	93%	77%	77%	71%			
NZE21043119Q31		89	34	2	13	15	48	14	23	44	74	20	7	51	64	1	6	78	41	82	46	7	42	36	6	3	
NZE19507018	STORTH OAKS FULLY LOADED	-0.12	+8.6	+5.7	-11.7	+1.2	+44	+86	+131	+128	+22	+3.2	-8.7	+64	+2.9	+0.5	+0.2	-0.6	+4.1	+0.80	+31	+0.62	+0.80	+1.00	\$200	\$386	
NORL508	HBR	45%	81%	71%	97%	97%	96%	96%	96%	92%	89%	94%	64%	91%	89%	89%	90%	82%	91%	84%	94%	90%	90%	86%			
NZE19507113J320		23	6	27	1	8	85	74	30	16	21	18	3	65	88	39	43	91	18	94	17	12	14	42	65	32	
FAF21S19	STORTH OAKS ZEPHYR S19 ^{PV}	-0.25	+6.5	+7.8	-7.1	+3.0	+67	+117	+155	+111	+26	+3.4	-6.8	+83	+2.6	-0.1	+1.3	-0.9	+3.6	+0.64	+7	+0.72	+0.88	+0.90	\$276	\$461	
USA18962277	HBR	44%	75%	64%	93%	91%	90%	89%	90%	85%	78%	84%	52%	79%	79%	79%	79%	72%	80%	67%	85%	85%	85%	82%			
NZE19507115L244		4	19	9	16	32	4	5	4	36	6	14	16	16	90	53	26	96	26	87	93	26	28	16	4	2	
USA17236055	SYDGEN BLACK PEARL 2006 ^{PV}	-0.08	+1.5	+6.8	-7.0	+3.2	+51	+84	+122	+87	+21	+1.5	-3.4	+74	+8.0	+0.5	-0.9	+0.5	+3.1	+0.38	+16	+1.04	+1.20	+1.14	\$210	\$338	
USA15354674	HBR	37%	98%	94%	99%	99%	99%	99%	99%	99%	99%	99%	90%	98%	97%	97%	97%	97%	97%	93%	99%	99%	99%	98%			
USA16214508		35	64	17	17	37	56	78	49	73	26	74	82	35	36	39	61	40	36	66	71	86	92	82	55	70	
Breed Average EBVs		-0.04	+2.4	+3.1	-4.6	+3.8	+52	+94	+121	+102	+18	+2.3	-5.1	+69	+6.9	+0.1	-0.2	+0.4	+2.6	+0.24	+21	+0.83	+0.97	+1.02	+211	+360	

Angus Australia - Shear Force Research Breeding Values

Date: July 30, 2026

Page: 12

Ident	Name																											
Sire Dam	Reg.	Shear Force	Calv-Ease		Birth		Growth			Maternal		Fert		Carcase						Feed	Temp	Structural			Selection Index			
			Dir	Dtrs	GL	BW	200	400	600	MCW	Milk	SS	DC	CW	EMA	Rib	P8	RBY	IMF	NFI-F	Doc	Claw	Angle	Leg	\$A	\$A-L		
NPGG121	TALOOBY GALAXY G121 ^{SV}	-0.05	-1.6	-2.5	-2.4	+5.6	+38	+64	+92	+85	+14	+0.9	-5.3	+64	-0.9	+2.0	+2.2	+0.1	+1.6	+0.69	+9	+0.82	+1.06	+1.10	\$135	\$242		
NMMD1	HBR	41%	76%	64%	94%	95%	91%	91%	92%	88%	79%	89%	57%	89%	88%	87%	88%	77%	86%	81%	85%	82%	83%	77%				
NPGC14		45	83	92	82	84	95	99	94	75	78	89	42	63	99	14	15	63	72	89	89	47	71	72	97	98		
VTMA149	TE MANIA ADA A149 ^{PV}	-0.03	-6.0	-2.0	-3.1	+6.6	+53	+96	+129	+172	+9	+1.9	-1.2	+81	+2.4	-3.0	-1.6	+1.3	-0.4	-0.56	+27	+0.88	+0.76	+0.76	\$91	\$247		
VTMX60	HBR	58%	97%	92%	99%	99%	99%	99%	98%	98%	98%	86%	97%	96%	97%	97%	96%	96%	91%	97%	97%	97%	96%					
VTMU338		53	95	90	73	94	47	44	34	1	95	60	99	20	91	96	72	8	98	2	28	59	9	3	99	98		
VTMK52	TE MANIA KALIBROOK K52 ^{PV}	+0.00	+7.1	+5.3	-3.4	+1.5	+51	+101	+127	+102	+27	+1.5	-6.0	+74	+4.1	+1.0	+1.7	-0.7	+5.5	+1.39	+7	+1.20	+1.10	+1.16	\$244	\$411		
USA16295688	HBR	39%	80%	72%	94%	95%	92%	93%	92%	89%	85%	89%	66%	88%	87%	85%	88%	83%	89%	80%	88%	91%	91%	88%				
VTMH423		64	14	31	69	11	55	31	37	50	5	74	28	36	79	29	21	93	5	99	93	97	79	86	19	16		
VTMK138	TE MANIA KIRBY K138 ^{PV}	+0.01	+0.1	+7.6	-1.5	+4.8	+51	+87	+114	+97	+18	+2.5	-8.1	+65	+6.1	+1.8	+3.2	-1.9	+8.6	+0.77	+15	+0.76	+0.76	+0.94	\$252	\$409		
USA16295688	HBR	37%	94%	88%	99%	99%	98%	98%	98%	98%	98%	98%	86%	98%	97%	97%	97%	96%	97%	91%	99%	99%	99%	99%				
VTMH17		67	74	11	90	71	54	73	67	59	49	38	5	61	58	16	8	99	1	93	73	34	9	25	13	17		
VTMN424	TE MANIA NEBO N424 ^{PV}	-0.26	+8.6	-0.8	-6.8	+3.8	+53	+100	+132	+98	+28	+4.2	-4.6	+56	+6.3	-0.9	-4.2	+0.3	+4.0	-0.07	+47	+0.94	+0.88	+0.90	\$212	\$358		
VTMJ89	HBR	40%	92%	85%	99%	98%	98%	98%	98%	97%	97%	97%	79%	97%	97%	96%	97%	93%	95%	88%	98%	98%	99%	98%				
VTMJ214		3	6	86	19	50	47	33	28	57	4	5	59	84	55	71	95	52	20	20	1	71	28	16	52	55		
VTMN1387	TE MANIA NEON N1387 ^{SV}	-0.21	+1.3	+4.1	-6.1	+3.5	+45	+82	+102	+82	+21	+1.1	-6.5	+38	+3.3	-0.3	-0.7	-2.1	+10.	-0.26	+25	+0.70	+0.80	+0.88	\$221	\$357		
VTMK138	HBR	39%	85%	78%	98%	98%	98%	98%	98%	97%	95%	97%	75%	95%	94%	94%	95%	89%	94%	89%	98%	98%	98%	97%				
VTML452		7	65	45	27	43	80	83	86	79	28	85	20	99	86	58	58	99	1	9	35	23	14	13	42	56		
VTMP888	TE MANIA PESO P888 ^{PV}	-0.19	+6.8	+5.9	-5.3	+2.1	+56	+112	+142	+117	+25	+2.2	-6.7	+91	+6.6	-0.5	+0.9	+0.6	+1.4	-0.14	+24	+0.86	+1.10	+0.98	\$251	\$435		
VTMK226	HBR	41%	85%	79%	98%	98%	98%	98%	98%	96%	96%	95%	74%	95%	95%	94%	95%	89%	94%	85%	96%	96%	96%	95%				
VTMH423		9	16	25	39	18	32	10	13	29	10	49	17	6	52	62	32	34	76	15	38	55	79	36	14	7		
VTMQ854	TE MANIA QUEBEC Q854 ^{SV}	-0.05	+7.7	+1.6	-2.4	+1.7	+56	+96	+125	+89	+26	+1.5	-5.7	+71	+3.9	+1.9	-0.4	-0.4	+3.4	+0.71	+33	+0.66	+0.80	+0.80	\$230	\$375		
USA18229488	HBR	36%	87%	78%	98%	98%	97%	98%	98%	96%	95%	97%	67%	95%	94%	94%	95%	87%	94%	87%	98%	98%	98%	97%				
VTML1244		45	11	70	82	13	33	44	41	70	7	74	34	43	81	15	53	86	30	90	12	17	14	5	32	41		
VTMR970	TE MANIA RESOLUTION R970 ^{PV}	-0.08	+2.4	+4.8	-5.4	+3.6	+56	+107	+135	+108	+22	+1.6	-5.0	+81	+9.7	+0.2	-0.7	+0.8	+2.0	-0.25	+28	+0.86	+0.90	+1.08	\$241	\$401		
VTMP149	HBR	39%	76%	65%	96%	96%	95%	94%	93%	90%	81%	90%	56%	88%	87%	86%	87%	78%	89%	80%	93%	91%	92%	88%				
VTMP287		35	56	37	38	45	30	18	23	42	23	71	49	19	20	46	58	24	62	9	25	55	33	67	22	21		
VTMR795	TE MANIA ROCCO R795 ^{SV}	-0.16	+1.9	+3.6	-3.8	+1.5	+41	+90	+119	+118	+18	+1.6	-4.6	+47	+5.7	+0.5	-2.3	+0.0	+5.8	+0.19	+34	+0.68	+0.82	+1.16	\$187	\$345		
NORH708	APR	45%	83%	74%	99%	98%	98%	98%	98%	94%	92%	97%	62%	92%	91%	91%	91%	84%	90%	84%	97%	98%	98%	98%				
VTML1374		14	61	51	63	11	92	64	55	27	47	71	59	94	62	39	81	69	3	45	10	20	17	86	76	65		
VTM22T868	TE MANIA TONIC T868 (AI) ^{PV}	-0.06	+6.9	+1.5	-6.0	+3.6	+54	+98	+131	+98	+18	+3.1	-6.8	+71	+2.6	-1.2	-1.8	-1.1	+5.0	+0.17	+49	+0.80	+0.98	+0.94	\$226	\$384		
USA18170041	HBR	37%	75%	67%	95%	93%	93%	88%	87%	84%	79%	81%	53%	78%	73%	73%	74%	66%	76%	67%	90%	78%	78%	75%				
VTMQ660		42	16	71	29	45	41	39	29	56	47	20	16	44	90	76	75	98	8	43	1	42	52	25	37	34		
DXTR725	TEXAS ICEMAN R725 ^{PV}	-0.20	+1.3	+2.6	-3.8	+3.7	+53	+99	+125	+105	+15	+2.1	-3.5	+77	+11.9	+1.5	+5.3	+0.2	+2.0	+0.52	+37	+1.24	+0.84	+0.62	\$225	\$375		
USA18962396	HBR	37%	88%	74%	99%	98%	98%	98%	97%	94%	92%	97%	61%	93%	91%	91%	91%	84%	92%	84%	96%	93%	93%	90%				
DXTM647		8	65	61	63	48	46	36	42	46	69	53	81	27	8	20	2	58	62	79	6	98	20	1	38	41		
TVA22T32	TOLIVAR TORIN T32 ^{PV}	-0.16	+3.5	+4.7	-7.7	+3.2	+63	+103	+133	+113	+17	+1.7	-5.0	+75	+6.6	-3.0	-2.7	+1.0	+2.9	+0.01	+23	+0.68	+0.86	+0.98	\$252	\$414		
USA17960722	HBR	42%	78%	68%	91%	91%	90%	88%	88%	84%	79%	81%	55%	79%	73%	74%	75%	66%	77%	69%	83%	70%	70%	68%				
TGUN12		14	46	38	11	37	9	25	27	33	51	67	49	33	52	96	86	16	41	26	42	20	24	36	13	15		
Breed Average EBVs			-0.04	+2.4	+3.1	-4.6	+3.8	+52	+94	+121	+102	+18	+2.3	-5.1	+69	+6.9	+0.1	-0.2	+0.4	+2.6	+0.24	+21	+0.83	+0.97	+1.02	+211	+360	

Date: July 30, 2026

13

Ident	Name																											
Sire Dam	Reg.	Shear Force	Calv-Ease		Birth		Growth			Maternal		Fert		Carcase						Feed	Temp	Structural			Selection Index			
			Dir	Dtrs	GL	BW	200	400	600	MCW	Milk	SS	DC	CW	EMA	Rib	P8	RBY	IMF	NFI-F	Doc	Claw	Angle	Leg	\$A	\$A-L		
DBLL292 USA16295688 VSNF04	TOPBOS LEADING EDGE L292 ^{PV} HBR	+0.08 40% 86	+2.4 90% 56	+7.0 77% 15	-5.9 98% 30	+6.5 98% 93	+73 97% 1	+124 97% 2	+163 97% 2	+147 96% 5	+23 96% 16	+1.3 97% 80	-3.9 71% 74	+79 94% 23	+4.4 92% 76	-2.1 91% 89	-4.8 93% 97	-0.1 89% 74	+1.7 93% 70	+0.03 87% 28	+17 97% 64	+0.98 92% 78	+0.84 92% 20	+0.80 89% 5	\$221 42	\$406 19		
NZE17691009 NZE17691003Y167 NZE17691195Q263	TURIHAUA CRUMP E5 ^{SV} HBR	+0.05 41% 79	-1.9 94% 84	-0.6 88% 85	-5.8 97% 32	+3.1 98% 34	+28 98% 99	+58 98% 99	+83 98% 98	+92 97% 65	+13 98% 83	+0.9 98% 89	-8.8 90% 3	+15 96% 99	-0.9 95% 99	+5.2 95% 1	+3.8 95% 5	-0.3 94% 82	+1.4 95% 76	+0.43 89% 71	+29 92% 21	+0.66 84% 17	+1.24 85% 95	+1.18 79% 89	\$124 98	\$250 97		
NXTJ122 NORC574 NXTC89	TWYNAM J122 ^{PV} APR	-0.12 45% 23	+4.4 78% 37	+3.3 69% 54	-4.8 93% 47	+4.7 93% 69	+44 92% 84	+78 91% 89	+113 91% 69	+88 88% 71	+17 87% 54	+1.5 85% 74	-6.7 64% 17	+71 87% 43	+6.7 86% 51	+3.3 87% 4	-0.5 87% 55	+0.6 80% 34	+3.3 88% 32	+0.33 82% 61	-4 86% 99	+0.98 85% 78	+0.76 85% 9	+1.02 81% 48	\$219 45	\$359 54		
NXTL096 NXTH111 NXTJ078	TWYNAM L096 ^{SV} APR	-0.08 42% 35	+9.2 76% 4	+10.7 62% 1	-8.5 94% 7	+2.0 94% 16	+56 92% 32	+108 92% 16	+149 91% 7	+118 87% 27	+28 84% 3	+3.2 55% 1	-10.2 88% 1	+103 87% 90	+2.6 84% 41	+0.4 88% 23	+1.5 89% 89	-0.5 81% 89	+2.5 87% 50	-0.30 87% 7	+1 83% 98	+0.60 74% 10	+0.82 76% 17	+0.96 70% 30	\$268 6	\$468 2		
NZE18954020 NZE21159016327 NZE18954118P105	WAITANGI R257 ^{PV} HBR	-0.14 39% 18	+0.7 70% 70	+1.6 61% 70	-6.1 96% 27	+3.9 97% 52	+53 96% 47	+93 96% 54	+120 95% 53	+100 93% 53	+27 86% 5	+3.3 91% 16	-8.5 59% 4	+70 90% 47	+10.0 89% 18	+0.0 89% 51	-0.8 89% 60	+0.3 80% 52	+4.4 91% 14	+0.71 82% 90	+21 94% 48	+0.74 91% 30	+0.72 91% 6	+0.74 87% 2	\$254 12	\$410 16		
LEJ21S102 NJWN498 ASHL24	WALLAWONG SAFE & SOUND HBR	+0.10 37% 89	+6.9 74% 16	+3.4 63% 53	-6.1 92% 27	+5.0 91% 75	+49 90% 63	+87 89% 72	+116 89% 61	+100 85% 54	+17 80% 57	+2.0 81% 56	+0.0 55% 99	+65 85% 61	+7.8 85% 38	-1.6 84% 83	-2.3 85% 81	+0.9 76% 20	+3.9 87% 21	+0.35 77% 63	+11 85% 86	+0.56 84% 7	+0.78 84% 11	+1.16 80% 86	\$180 81	\$312 84		
QKBP29 SMPG357 QKBM01	WARRAWEE PATROL P29 ^{PV} HBR	+0.03 46% 74	+6.9 81% 16	+9.6 73% 2	-11.8 96% 1	+2.9 94% 30	+55 93% 35	+104 92% 23	+139 92% 17	+132 89% 13	+17 85% 56	+2.3 88% 45	-10.8 66% 1	+102 87% 2	+10.2 85% 17	+3.8 86% 3	+2.7 86% 11	+0.3 79% 52	+1.9 87% 65	+0.60 79% 84	+28 88% 24	+0.80 78% 42	+1.22 78% 93	+1.02 74% 48	\$278 3	\$489 1		
CWDM5 SMPG357 CWDJ15	WEATHERLY MOXY M5 ^{SV} HBR	-0.34 43% 1	+3.4 78% 47	+6.3 70% 21	-4.6 93% 50	+4.0 96% 54	+55 95% 37	+99 95% 35	+133 95% 26	+110 94% 38	+27 92% 5	+2.5 89% 38	-8.5 68% 90	+83 90% 15	+6.6 89% 52	+2.8 89% 30	+1.0 90% 63	+0.1 83% 43	+2.8 90% 49	+0.23 82% 48	+19 92% 92	+0.94 93% 71	+1.08 93% 75	+1.02 88% 48	\$256 11	\$429 8		
JVC21S2 USA18636106 JVCQ83	WRIGLEY SUPREME S2 ^{PV} HBR	-0.03 42% 53	+9.3 72% 4	+7.9 64% 9	-1.2 97% 92	+2.5 96% 23	+57 95% 28	+105 95% 20	+130 95% 31	+88 88% 72	+24 80% 11	+3.6 92% 11	-9.5 56% 1	+84 82% 14	+7.7 82% 39	-1.9 83% 87	-0.7 83% 58	+0.9 76% 20	+4.2 83% 17	+0.65 71% 87	+5 92% 95	+0.92 91% 67	+0.92 92% 37	+1.06 88% 61	\$315 1	\$490 1		
Breed Average EBVs			-0.04	+2.4	+3.1	-4.6	+3.8	+52	+94	+121	+102	+18	+2.3	-5.1	+69	+6.9	+0.1	-0.2	+0.4	+2.6	+0.24	+21	+0.83	+0.97	+1.02	+211	+360	

For further information, please contact staff at Angus Australia:
P: 02 6773 4600 | E office@angusaustralia.com.au

www.angusaustralia.com.au

