TACE

TransTasman Angus Cattle Evaluation

Shear Force

RESEARCH BREEDING VALUES

AUGUST 2024

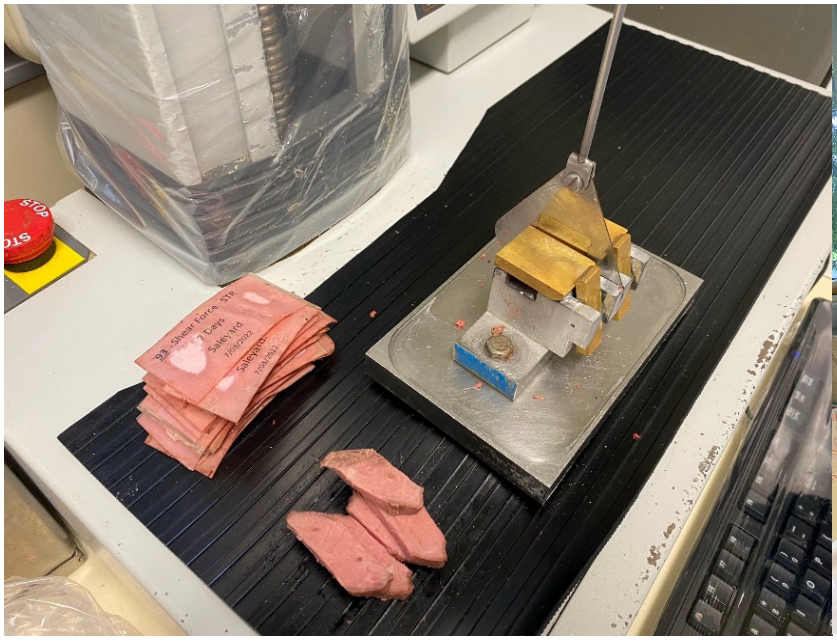
BACKGROUND

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 EBVs 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.

Angus Australia - Shear Force Research Breeding Values

Date: July 29, 2024

Ident	Name	Shear Force	Calv-Ease		Birth		Growth			Maternal		Fert		Carcase						Feed	Temp	Structural			Selection Index	
Sire / Dam	Reg.		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
USA15719841	**A A R TEN X 7008 S A** [SV]	+0.31	+4.3	+6.9	-4.5	+2.8	+59	+105	+137	+107	+19	+2.2	-3.1	+78	+6.1	-2.8	-6.8	+0.8	+2.4	-0.10	+12	+1.44	+1.02	+0.80	$211	$366
USA13880818	HBR	43%	96%	90%	99%	98%	98%	98%	98%	97%	98%	98%	84%	96%	95%	95%	95%	94%	95%	89%	97%	99%	99%	94%		
USA15151449		99	32	13	48	24	16	15	16	41	35	47	83	21	53	95	99	29	44	18	82	99	62	4	41	36
NXOL172	**AJC L172** [SV]	-0.07	+6.7	+7.8	-6.1	+3.1	+60	+102	+139	+132	+14	+2.3	-4.9	+72	+6.9	-0.6	+0.3	+0.3	+1.1	-0.99	+22	+1.42	+1.28	+1.16	$219	$407
NXOF43	APR	35%	76%	61%	94%	96%	94%	94%	94%	88%	88%	83%	55%	91%	89%	84%	89%	82%	91%	83%	85%	85%	85%	81%		
NXOJ432		41	13	7	24	30	14	21	13	12	74	43	43	38	43	63	38	59	79	1	44	99	97	85	31	11
NXOL99	**AJC L99** [PV]	+0.07	+5.8	+0.7	-5.4	+4.7	+61	+109	+145	+111	+21	+3.3	-6.8	+96	+8.8	-1.9	+0.9	+0.4	+2.4	-0.33	+16	+1.18	+1.06	+0.92	$270	$444
USA16073564	APR	40%	85%	74%	96%	97%	96%	96%	96%	92%	93%	91%	62%	93%	91%	90%	91%	81%	92%	86%	90%	91%	91%	87%		
NXOJ112		85	20	74	34	66	10	10	8	34	20	15	10	3	23	87	29	53	44	7	67	96	71	19	2	2
ARRR11	**ALKIRA RENEGADE R11** [PV]	+0.27	+7.3	+6.4	-4.5	+2.2	+45	+96	+131	+108	+25	+2.4	-6.7	+63	+8.4	+1.5	+0.0	+0.3	+1.9	+0.07	+2	+0.76	+0.70	+0.88	$216	$392
CAN2043806	HBR	37%	66%	54%	95%	93%	90%	86%	86%	82%	75%	81%	41%	75%	71%	72%	72%	63%	75%	61%	86%	67%	67%	59%		
QMUN24		99	10	16	48	16	75	38	25	40	6	39	11	65	27	19	44	59	58	34	98	32	5	11	35	18
DGJG10	**ALLOURA GET CRACKING G10** [SV]	-0.06	+8.1	+7.6	-2.9	+2.5	+43	+75	+86	+84	+12	-0.4	-8.0	+46	+14.2	+1.7	+0.6	+0.9	+5.2	+0.42	+6	+0.50	+1.00	+0.94	$267	$426
VTMB1	HBR	48%	94%	85%	99%	99%	98%	98%	98%	98%	97%	97%	77%	96%	94%	94%	94%	91%	93%	89%	97%	96%	96%	94%		
DGJZ15		45	6	8	73	20	82	91	96	77	84	99	3	94	2	16	33	24	4	72	95	3	58	23	3	5
DGJL94	**ALLOURA LOCK STOCK &**	-0.10	+5.6	+0.7	-4.0	+2.7	+56	+94	+124	+123	+12	+1.1	-4.4	+64	+0.5	+1.8	-1.6	+0.2	+2.3	-0.41	+25	+0.84	+0.90	+0.92	$190	$352
USA15832750	HBR	41%	79%	71%	93%	95%	94%	94%	94%	91%	87%	88%	53%	89%	84%	80%	85%	77%	87%	78%	93%	84%	82%	77%		
DGJH24		31	21	74	57	23	25	43	38	20	83	84	55	60	97	15	71	65	47	5	30	49	33	19	64	48
DGJQ30	**ALLOURA QUINELLA Q30** [SV]	-0.09	+2.4	+1.9	+0.5	+3.0	+54	+99	+115	+118	+14	+3.3	-7.5	+72	+14.2	+0.8	+1.0	+1.1	+4.4	+0.39	+16	+0.90	+1.04	+1.16	$272	$449
WWEL3	HBR	42%	73%	65%	94%	93%	91%	90%	92%	86%	79%	82%	56%	81%	80%	81%	81%	75%	81%	81%	88%	83%	84%	79%		
DGJK117		34	50	63	97	28	37	30	58	26	73	15	5	38	2	31	27	16	9	69	69	62	67	85	2	2
CGKR232	**ALPINE RONALDO R232** [PV]	-0.13	+6.6	+5.8	-5.1	+1.7	+51	+94	+133	+113	+24	+3.2	-5.1	+76	+11.1	-3.1	-3.0	+0.8	+3.1	+0.41	+24	+0.62	+0.66	+0.98	$223	$393
NORN542	HBR	42%	73%	60%	94%	92%	90%	87%	86%	83%	77%	81%	47%	77%	72%	72%	73%	65%	76%	65%	87%	72%	72%	70%		
CGKM152		22	14	21	38	10	50	43	22	33	8	17	38	26	9	96	88	29	28	71	33	11	3	34	28	17
NAQA241	**ARDROSSAN EQUATOR A241** [PV]	-0.01	-1.8	+2.6	-4.5	+4.1	+50	+92	+122	+108	+20	+3.2	-8.2	+87	+8.1	-2.1	-0.3	+1.4	+1.3	+0.71	+25	+0.46	+0.86	+1.00	$226	$380
USA2928	HBR	81%	99%	98%	99%	99%	99%	99%	99%	99%	99%	99%	95%	98%	98%	98%	98%	98%	98%	96%	99%	99%	99%	99%		
NAQW38		63	80	56	48	52	55	51	43	39	26	17	3	8	30	89	49	8	74	91	32	2	24	40	25	26
NAQN329	**ARDROSSAN HOLBROOK N329**	-0.04	-2.4	+0.4	-2.9	+2.7	+46	+85	+108	+75	+23	+2.7	-7.2	+70	+5.1	+2.4	+2.4	-0.8	+4.0	+1.08	+14	+0.80	+0.98	+0.92	$210	$334
NAQH318	HBR	51%	77%	67%	96%	95%	95%	95%	94%	89%	89%	86%	57%	91%	89%	89%	89%	81%	91%	83%	90%	81%	87%	83%		
NAQK30		52	83	76	73	23	74	69	73	86	11	29	7	44	65	9	12	96	13	99	75	41	53	19	42	62
NAQH255	**ARDROSSAN HONOUR H255** [PV]	+0.09	-1.7	-1.1	-2.8	+4.6	+43	+75	+97	+96	+12	+2.2	-5.6	+60	+5.6	+0.9	-1.1	+0.6	+2.1	+1.01	+8	+0.44	+1.02	+1.24	$160	$284
NORE11	HBR	60%	96%	89%	99%	99%	98%	98%	98%	98%	98%	98%	84%	97%	96%	96%	96%	95%	96%	92%	98%	97%	97%	96%		
NAQD17		89	80	85	75	64	82	91	88	60	83	47	27	71	59	29	63	41	52	98	91	2	62	95	87	88
NAQQ67	**ARDROSSAN NECTAR Q67** [PV]	+0.08	+3.8	+4.6	-8.8	+3.8	+56	+102	+134	+127	+11	+3.1	-6.3	+58	+7.0	+0.2	-0.9	+0.1	+3.3	+0.11	+36	+0.36	+0.84	+1.04	$230	$411
NMMN334	HBR	43%	77%	64%	93%	95%	93%	92%	93%	86%	80%	82%	51%	80%	81%	81%	81%	75%	81%	80%	90%	77%	81%	76%		
NAQL96		87	37	34	4	45	26	23	19	16	88	19	16	77	42	44	60	71	24	38	6	1	20	53	21	9
QQFH147	**ASCOT HALLMARK H147** [PV]	-0.32	-2.8	+1.9	-5.0	+7.2	+60	+110	+151	+134	+15	+3.7	-5.5	+80	-1.9	+0.8	-0.1	-0.8	+3.1	+0.28	+18	+0.48	+0.84	+1.02	$194	$359
VTME343	HBR	44%	95%	87%	99%	99%	98%	98%	98%	97%	98%	98%	79%	96%	95%	95%	95%	94%	95%	89%	97%	95%	95%	93%		
NMMF123		2	85	63	40	96	14	9	5	11	66	9	29	17	99	31	45	96	28	58	59	3	20	47	60	42
	Breed Average EBVs	**-0.05**	**+1.8**	**+2.7**	**-4.4**	**+4.0**	**+51**	**+92**	**+119**	**+102**	**+17**	**+2.2**	**-4.6**	**+67**	**+6.4**	**+0.0**	**-0.3**	**+0.5**	**+2.3**	**+0.22**	**+21**	**+0.84**	**+0.97**	**+1.02**	**+200**	**+344**

Angus Australia - Shear Force Research Breeding Values

Date: July 29, 2024

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
HIOE7	**AYRVALE BARTEL E7** PV	-0.11	+8.5	+9.3	-4.4	+1.8	+49	+86	+113	+74	+26	+2.6	-8.5	+64	+7.7	-0.6	+0.5	+1.3	+3.4	+0.31	+4	+1.04	+1.00	+1.12	$290	$449
VTMB219	HBR	83%	99%	97%	99%	99%	99%	99%	99%	99%	99%	99%	93%	98%	98%	98%	98%	98%	98%	96%	99%	99%	99%	99%		
BVVB32		28	5	2	50	11	59	67	64	87	5	32	2	60	34	63	35	10	22	61	96	85	58	77	1	2
NBBN47	**BALD BLAIR NELSON N47** PV	-0.11	+2.7	-2.5	-5.1	+4.4	+56	+105	+153	+160	+14	+1.0	-4.4	+84	+4.3	-1.0	-0.8	+0.9	+0.6	-0.20	+28	+0.98	+1.08	+1.20	$178	$360
HIOG18	HBR	42%	78%	67%	95%	95%	93%	93%	93%	90%	85%	90%	62%	88%	87%	87%	88%	80%	89%	82%	90%	86%	86%	82%		
NBBL83		28	47	91	38	59	26	15	4	2	76	86	55	11	74	71	58	24	88	12	21	76	75	91	75	41
NBB21S86	**BALD BLAIR STIRLING S86** PV	-0.02	+6.5	+8.8	-4.5	+2.6	+65	+111	+146	+116	+20	+3.8	-4.4	+94	+6.3	-1.9	-3.0	+0.1	+3.7	-0.23	+5	+0.72	+0.68	+1.06	$253	$433
NMMP15	HBR	39%	73%	62%	94%	94%	92%	87%	86%	83%	77%	81%	45%	77%	71%	72%	73%	65%	75%	63%	90%	71%	71%	68%		
NBBQ25		60	15	4	48	21	5	8	7	27	24	8	55	3	50	87	88	71	17	11	96	25	4	60	7	4
ECMK63	**BANNABY REALITY K63** PV	+0.14	+3.7	-1.2	-2.7	+3.8	+43	+76	+99	+99	+13	+2.1	-0.9	+52	+5.1	-1.3	-1.5	+0.4	+1.3	-0.21	+27	+0.52	+1.00	+1.24	$116	$235
NZE14647008839	HBR	41%	80%	70%	96%	97%	94%	94%	94%	90%	85%	90%	63%	91%	89%	89%	90%	85%	91%	85%	91%	89%	89%	85%		
ECMH45		95	38	85	76	45	82	89	86	55	80	50	98	88	65	77	70	53	74	12	24	4	58	95	99	97
VONN462	**BANQUET NUTTELLA N462** PV	-0.05	-1.8	+2.9	-4.5	+6.7	+56	+103	+138	+108	+25	+3.5	-4.1	+71	+2.9	+0.4	-1.1	+0.0	+0.7	-0.24	+54	+0.56	+0.90	+0.78	$176	$316
VONJ507	HBR	42%	78%	63%	96%	97%	96%	96%	95%	88%	82%	93%	50%	82%	82%	82%	82%	76%	83%	76%	94%	76%	76%	70%		
VONK224		49	80	53	48	94	27	20	15	40	7	12	63	39	86	39	63	76	87	10	1	6	33	3	77	74
NBNN239	**BEN NEVIS NEWSFLASH N239** PV	-0.21	-1.8	+2.4	-4.5	+4.9	+59	+99	+133	+115	+17	+0.9	-2.8	+85	+5.5	-2.3	-0.5	+0.5	+1.3	+0.26	+9	+1.00	+1.02	+0.92	$190	$329
USA16956101	HBR	39%	83%	72%	97%	97%	96%	96%	97%	93%	90%	93%	61%	91%	90%	90%	91%	84%	92%	83%	91%	92%	92%	89%		
NBNH215		8	80	58	48	70	17	28	21	29	46	88	87	11	60	91	52	47	74	55	90	79	62	19	64	65
NBNP122	**BEN NEVIS PRIME P122** PV	+0.06	+3.9	+5.3	-0.1	+2.5	+57	+87	+112	+80	+12	+3.2	-4.2	+61	+4.9	+0.8	+1.6	-0.5	+4.8	+0.53	+23	+0.74	+0.76	+0.98	$237	$375
USA17960722	HBR	42%	77%	67%	93%	95%	92%	92%	93%	87%	79%	87%	56%	80%	80%	80%	80%	74%	81%	68%	84%	87%	86%	82%		
NBNM115		83	36	26	96	20	24	64	65	82	87	17	60	70	67	31	19	92	6	81	40	28	9	34	15	29
NBNR138	**BEN NEVIS RONAN R138** PV	+0.11	+4.8	+5.4	-8.7	+3.5	+73	+123	+149	+140	+12	+2.4	-4.0	+82	+8.2	-1.9	-2.3	+0.6	+1.0	-0.02	+24	+0.74	+0.84	+0.92	$247	$439
USA17960722	HBR	38%	75%	66%	87%	89%	89%	88%	88%	84%	78%	81%	53%	78%	75%	75%	76%	69%	78%	67%	82%	84%	85%	81%		
NBNP153		92	28	25	5	38	1	2	6	8	85	39	65	15	29	87	81	41	81	25	33	28	20	19	9	3
NGXQ227	**BONGONGO BE QUICK Q227** PV	-0.12	+3.3	+1.3	-4.8	+3.1	+50	+91	+114	+64	+24	+3.9	-5.8	+55	+11.5	+0.8	+3.6	+0.0	+5.3	+1.09	+19	+0.66	+1.08	+1.10	$274	$406
VLYM518	HBR	41%	72%	65%	96%	96%	93%	92%	93%	87%	78%	84%	55%	80%	82%	82%	81%	76%	82%	81%	87%	83%	83%	80%		
NGXN221		25	42	69	43	30	56	53	60	93	9	7	24	83	8	31	5	76	3	99	55	16	75	72	2	11
NGXP212	**BONGONGO P212** SV	-0.08	+5.4	+9.2	-6.6	+2.3	+47	+86	+103	+80	+22	+4.0	-8.3	+55	+3.6	+3.5	+5.8	-1.0	+4.8	+0.89	+12	+0.82	+0.88	+0.98	$254	$416
NORL508	HBR	39%	70%	62%	96%	96%	94%	94%	94%	90%	81%	87%	60%	89%	88%	88%	88%	80%	90%	81%	86%	84%	84%	80%		
NGXL13		38	23	3	19	17	70	68	82	81	14	6	2	83	81	3	1	98	6	96	82	45	28	34	7	7
NUIF32	**BONNY BROOKE FALCO F32** SV	+0.09	-6.0	-9.1	+0.2	+6.5	+48	+75	+97	+88	+16	-0.9	-2.5	+59	-2.3	+2.4	+2.1	-0.9	+1.6	-0.27	+18	+0.96	+0.90	+1.06	$107	$190
NGMC196	HBR	45%	67%	54%	91%	89%	91%	89%	90%	84%	77%	76%	51%	84%	82%	82%	83%	73%	82%	73%	81%	79%	79%	74%		
NUID96		89	94	99	97	92	63	91	89	71	55	99	90	75	99	9	15	97	66	9	60	73	33	60	99	99
HCAG013	**BOONAROO GRAVITY G013** PV	-0.01	+5.5	+4.0	-5.5	+3.6	+51	+87	+115	+101	+23	+3.8	-5.7	+56	+4.8	-3.0	-3.3	+1.3	+3.0	-0.74	+21	+0.50	+0.92	+1.06	$220	$373
VTMA217	HBR	54%	91%	83%	98%	98%	97%	97%	97%	94%	95%	97%	72%	93%	92%	92%	92%	88%	91%	85%	94%	94%	94%	91%		
VTMZ618		63	22	40	32	41	50	65	60	51	10	8	26	81	69	96	91	10	30	1	45	3	37	60	31	30
HCAN20	**BOONAROO KASBAH N20** SV	-0.13	+4.5	+2.5	-5.4	+5.5	+48	+89	+114	+107	+16	+3.7	-6.2	+56	+5.8	-0.3	-1.4	+1.0	+1.9	+0.70	+15	+0.84	+1.00	+1.08	$203	$361
VTMK338	HBR	38%	75%	61%	93%	96%	94%	94%	91%	87%	80%	89%	54%	90%	88%	88%	89%	79%	91%	83%	93%	91%	91%	85%		
HCAL54		22	30	57	34	81	66	59	61	41	60	9	17	80	57	56	68	20	58	91	73	49	58	66	50	40
	Breed Average EBVs	**-0.05**	**+1.8**	**+2.7**	**-4.4**	**+4.0**	**+51**	**+92**	**+119**	**+102**	**+17**	**+2.2**	**-4.6**	**+67**	**+6.4**	**+0.0**	**-0.3**	**+0.5**	**+2.3**	**+0.22**	**+21**	**+0.84**	**+0.97**	**+1.02**	**+200**	**+344**

Angus Australia - Shear Force Research Breeding Values

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
NGMN418	**BOOROOMOOKA JACKPOT N418**	-0.08	+1.9	+7.1	-8.7	+5.4	+62	+109	+135	+132	+6	+3.4	-6.5	+80	+8.9	-0.5	+0.0	+0.9	+2.4	+0.26	+29	+1.32	+1.08	+1.02	$258	$447
WWEL3	HBR	41%	71%	65%	95%	96%	95%	95%	95%	94%	88%	94%	61%	88%	86%	86%	87%	80%	88%	80%	95%	93%	93%	86%		
NGML471		38	55	11	5	79	10	10	19	12	99	13	14	18	23	60	44	24	44	55	20	99	75	47	5	2
NGMN213	**BOOROOMOOKA NORMANDY**	-0.12	+11.2	+10.8	-7.5	+1.1	+40	+72	+99	+71	+23	+3.2	-9.3	+50	+3.6	-2.6	-3.1	+1.0	+3.1	+0.94	+32	+0.74	+0.60	+1.04	$233	$386
NGML201	HBR	42%	77%	64%	94%	96%	95%	95%	95%	94%	88%	93%	55%	89%	87%	87%	87%	78%	89%	79%	95%	93%	93%	85%		
NGML45		25	1	1	11	6	91	94	87	89	13	17	1	90	81	93	89	20	28	97	12	28	1	53	19	21
NGMP96	**BOOROOMOOKA PARAGON P96**	-0.07	-3.7	+2.4	-7.4	+3.7	+62	+120	+161	+130	+30	+3.4	-7.9	+110	+13.2	-2.5	-1.4	+1.8	+1.8	+0.86	+32	+0.84	+1.00	+1.12	$282	$459
WWEL3	HBR	42%	81%	72%	98%	98%	98%	97%	97%	95%	90%	96%	62%	92%	91%	90%	91%	83%	92%	86%	98%	96%	96%	93%		
NGMM566		41	88	58	12	43	9	2	2	14	1	13	4	1	3	93	68	3	61	96	11	49	58	77	1	1
NGMP22	**BOOROOMOOKA PRESIDENT**	-0.15	-1.2	+3.4	-6.2	+4.9	+58	+106	+142	+128	+22	+2.7	-6.1	+76	+5.7	+0.2	+0.6	+0.3	+2.5	+0.56	+18	+0.42	+0.64	+0.86	$227	$395
NGMK9	HBR	44%	76%	64%	97%	96%	95%	95%	95%	91%	83%	88%	58%	91%	89%	88%	89%	80%	91%	83%	94%	87%	87%	81%		
NGMK640		17	77	47	23	70	20	14	11	15	15	29	19	27	58	44	33	59	42	83	60	1	2	9	24	16
NGMQ5	**BOOROOMOOKA QUALITY Q5 SV**	-0.12	+3.6	+7.5	-6.5	+3.7	+56	+105	+146	+137	+18	+2.3	-4.6	+79	-3.4	+1.0	+2.3	-1.8	+5.9	+0.08	+35	+0.82	+0.90	+1.08	$208	$393
NORL519	HBR	45%	76%	67%	92%	90%	89%	88%	90%	85%	79%	82%	56%	79%	79%	80%	80%	74%	81%	80%	86%	83%	83%	79%		
NGMK720		25	39	9	20	43	26	17	8	9	39	43	50	19	99	27	13	99	2	35	8	45	33	66	44	18
NGMR49	**BOOROOMOOKA RAUDONIKIS**	-0.02	+3.3	+4.6	-5.4	+3.7	+62	+103	+128	+97	+20	+3.7	-2.2	+73	+10.9	-0.5	-2.0	+1.2	+1.0	+0.21	+30	+0.92	+0.80	+0.88	$224	$368
USA17960722	HBR	37%	71%	63%	92%	93%	91%	88%	88%	84%	77%	83%	51%	78%	73%	73%	74%	67%	76%	66%	88%	77%	77%	72%		
NGMP361		60	42	34	34	43	9	20	31	58	29	9	92	35	10	60	77	13	81	50	16	66	14	11	26	35
BOWK2	**BOWMAN AUSTRALIA K2 PV**	-0.15	+7.3	+3.3	-6.3	+3.5	+48	+97	+122	+94	+23	+5.0	-8.0	+68	+7.9	-0.1	-1.6	+1.0	+1.2	-0.64	+13	+0.86	+1.02	+0.96	$232	$399
VTME343	HBR	45%	80%	75%	94%	91%	91%	90%	91%	87%	86%	84%	68%	88%	88%	87%	88%	83%	90%	83%	88%	84%	85%	81%		
NAQZ31		17	10	48	22	38	62	36	43	62	13	2	3	49	32	51	71	20	76	2	79	54	62	28	19	14
SRKK306	**BOWMONT KING K306 PV**	-0.11	-1.1	-9.2	-4.7	+4.5	+49	+77	+102	+87	+2	-0.3	-4.9	+64	+15.3	-0.3	-2.1	+1.7	+4.7	+0.49	+25	+0.56	+0.90	+0.72	$234	$346
NJWG279	HBR	45%	88%	79%	97%	98%	97%	97%	97%	95%	94%	96%	69%	93%	93%	92%	93%	91%	93%	87%	96%	92%	92%	90%		
TFAD58		28	77	99	45	62	60	87	83	72	99	99	43	62	1	56	79	4	6	78	31	6	33	1	17	53
BON21S004	**BRIDGEWATER HOMETOWN**	+0.04	+9.2	+7.8	-9.3	+1.2	+60	+99	+129	+93	+16	+2.9	-7.4	+84	+8.7	+1.9	+0.1	-0.1	+2.9	+0.41	+36	+1.36	+1.08	+0.88	$273	$446
USA19266718	HBR	38%	69%	60%	91%	89%	88%	85%	85%	82%	76%	81%	44%	75%	71%	71%	72%	64%	75%	63%	85%	71%	71%	68%		
BONQ008		78	3	7	3	6	14	30	28	64	55	24	6	11	24	14	42	80	32	71	6	99	75	11	2	2
BONQ007	**BRIDGEWATER QUANTUM Q007**	-0.07	-2.7	-3.9	-5.2	+5.6	+64	+100	+132	+106	+21	+0.4	-5.5	+86	+6.8	+0.1	-1.7	+0.2	+2.0	+0.15	+22	+1.02	+0.84	+1.02	$220	$353
QMUM13	HBR	43%	69%	63%	93%	93%	91%	91%	92%	86%	79%	86%	57%	90%	89%	88%	89%	79%	91%	84%	86%	79%	80%	77%		
HIOL28		41	85	94	37	82	7	27	23	44	20	95	29	9	44	46	73	65	55	43	43	82	20	47	30	47
QBUG49	**BURENDA GEIGER COUNTER**	+0.11	+8.5	+8.8	-7.0	+2.9	+42	+83	+108	+92	+16	+2.2	-8.2	+65	+3.4	+0.3	-1.3	+0.5	+3.0	+0.12	+26	+0.98	+1.20	+0.98	$222	$388
VTMB1	HBR	48%	86%	76%	97%	97%	95%	96%	95%	94%	93%	94%	69%	92%	91%	91%	91%	85%	90%	85%	95%	85%	85%	82%		
QBUE5		92	5	4	15	26	86	77	73	65	55	47	3	59	82	42	67	47	30	39	28	76	92	34	29	20
GTNM6	**CHILTERN PARK MOE M6 PV**	-0.20	+5.0	+3.8	-1.3	+3.1	+50	+99	+133	+78	+29	+1.5	-6.3	+79	+5.4	-0.6	+0.9	+0.1	+1.8	+0.25	+37	+0.70	+1.04	+1.10	$242	$387
VTMF734	HBR	44%	91%	81%	99%	99%	99%	99%	99%	97%	96%	98%	68%	95%	93%	93%	93%	89%	93%	85%	99%	99%	99%	98%		
VSNF15		9	26	43	90	30	52	29	21	84	2	72	16	19	61	63	29	71	61	54	5	21	67	72	12	21
GTNP9	**CHILTERN PARK PICASSO P9 PV**	+0.05	+8.2	+8.2	-3.3	+1.3	+55	+102	+133	+92	+23	+3.6	-7.6	+92	+6.7	-0.5	+1.2	-0.5	+4.2	+0.72	+29	+0.64	+0.70	+0.84	$273	$450
HKFJ5	HBR	48%	79%	68%	98%	98%	96%	96%	95%	90%	83%	93%	62%	88%	86%	86%	87%	80%	88%	77%	93%	91%	91%	85%		
GTNK26		81	6	6	67	7	30	22	21	66	12	10	5	4	45	60	24	92	11	91	19	13	5	7	2	2
	Breed Average EBVs	**-0.05**	**+1.8**	**+2.7**	**-4.4**	**+4.0**	**+51**	**+92**	**+119**	**+102**	**+17**	**+2.2**	**-4.6**	**+67**	**+6.4**	**+0.0**	**-0.3**	**+0.5**	**+2.3**	**+0.22**	**+21**	**+0.84**	**+0.97**	**+1.02**	**+200**	**+344**

Angus Australia - Shear Force Research Breeding Values

Date: July 29, 2024

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
GTNQ322	**CHILTERN PARK QUADRANT**	+0.10	+6.2	+3.3	-2.5	+3.2	+61	+115	+145	+108	+21	+4.3	-5.3	+87	+12.1	-0.1	-0.5	+0.2	+4.1	+0.97	+5	+1.16	+1.14	+1.00	$276	$453
USA18636106	HBR	40%	79%	65%	97%	97%	93%	95%	94%	87%	78%	83%	50%	81%	80%	81%	80%	74%	81%	81%	87%	82%	82%	78%		
GTNL198		90	17	48	78	32	11	5	8	40	23	4	34	8	6	51	52	65	12	98	95	95	85	40	2	2
QMUM13	**CLUNES CROSSING DUSTY M13**	+0.18	+1.1	+4.1	-7.0	+5.3	+64	+101	+119	+63	+16	+1.0	-6.9	+72	+13.1	-2.4	-3.2	+1.2	+1.8	+0.21	+10	+0.90	+0.86	+1.00	$293	$423
USA16295688	HBR	40%	85%	81%	99%	99%	98%	98%	98%	98%	97%	98%	75%	96%	94%	94%	95%	91%	94%	88%	98%	98%	98%	96%		
QMUG1		98	62	39	15	78	6	24	50	94	61	86	9	38	3	92	90	13	61	50	87	62	24	40	1	6
NBHK330	**CLUNIE RANGE KALUHA K330 PV**	-0.23	-1.1	-12.0	-4.8	+5.6	+54	+96	+126	+99	+15	+1.6	-7.0	+91	+9.5	+0.1	-1.2	+1.2	+3.0	+0.28	+5	+0.68	+0.96	+1.18	$240	$371
NJWG279	HBR	43%	84%	74%	97%	97%	96%	96%	96%	93%	90%	96%	67%	92%	91%	91%	92%	90%	93%	86%	94%	88%	88%	85%		
NBHH381		6	77	99	43	82	33	38	34	54	67	69	9	5	18	46	65	13	30	58	96	18	47	89	13	32
NBHL348	**CLUNIE RANGE LEGEND L348 PV**	+0.13	-6.4	+4.3	-7.8	+5.8	+57	+103	+124	+153	+1	+2.9	-7.1	+62	+0.1	+3.8	+1.2	-0.8	+2.4	+0.05	+24	+0.50	+0.80	+1.24	$164	$340
NZE14647008839	HBR	40%	95%	87%	99%	99%	98%	98%	98%	98%	97%	98%	78%	95%	94%	94%	94%	92%	94%	87%	97%	97%	97%	96%		
AHWJ81		94	95	37	9	85	22	20	38	3	99	24	8	66	97	3	24	96	44	32	36	3	14	95	85	57
NBHP392	**CLUNIE RANGE PLANTATION**	+0.21	+3.8	+3.0	-5.2	+4.3	+67	+116	+142	+106	+21	+5.5	-3.8	+71	-1.2	+0.1	-0.7	-1.6	+3.9	+0.24	+24	+0.70	+0.88	+0.90	$217	$378
USA17960722	HBR	38%	87%	73%	99%	99%	98%	98%	98%	93%	87%	97%	58%	90%	89%	88%	89%	81%	90%	81%	98%	96%	96%	94%		
NBHM516		99	37	52	37	57	4	4	10	43	18	1	70	40	99	46	56	99	15	53	36	21	28	15	34	27
WDCH249	**COONAMBLE HECTOR H249 SV**	+0.02	+1.1	+0.9	-8.3	+4.5	+44	+79	+98	+90	+5	+1.3	-4.9	+45	+9.2	+4.2	+4.5	+0.6	+0.1	-0.50	+39	+0.40	+0.48	+0.80	$182	$313
USA14885809	HBR	51%	96%	87%	99%	99%	98%	98%	98%	97%	98%	98%	78%	96%	95%	95%	95%	93%	95%	88%	98%	96%	96%	94%		
WDCE9		73	62	72	6	62	79	85	87	69	99	78	43	95	20	2	3	41	94	3	4	1	1	4	72	76
WDCK314	**COONAMBLE KEVIN K314 PV**	-0.03	-0.8	+4.1	-2.3	+4.3	+49	+100	+131	+110	+25	+4.3	-6.9	+82	+7.4	+0.3	+0.8	+0.2	+1.6	+0.60	+41	+0.52	+1.12	+1.22	$205	$365
NAQA241	HBR	55%	86%	75%	95%	98%	97%	95%	96%	93%	94%	93%	68%	92%	90%	90%	91%	86%	91%	83%	86%	85%	86%	82%		
WDCD94		56	75	39	81	57	58	27	25	37	6	4	9	15	37	42	30	65	66	86	3	4	82	93	47	37
USA19611994	**DB ICONIC G95 PV**	+0.14	+3.5	+7.4	-3.1	+2.9	+66	+124	+153	+145	+16	+3.2	-3.7	+88	+6.5	+0.9	-0.5	-0.6	+4.3	+0.20	+41	+1.20	+0.98	+0.84	$240	$438
USA18467508	HBR	37%	76%	63%	96%	95%	94%	93%	93%	88%	85%	87%	52%	86%	86%	84%	82%	78%	86%	81%	86%	97%	97%	83%		
USA18974126		95	40	10	70	26	4	2	4	6	60	17	72	7	48	29	52	94	10	48	3	97	53	7	14	3
NJS21S15	**DEVANAH SATURN S15 PV**	-0.03	+5.8	+0.9	-7.5	+3.6	+64	+107	+142	+102	+25	+4.1	-7.4	+85	+8.2	-1.2	-2.9	+0.2	+2.7	+0.42	+18	+0.90	+0.98	+0.86	$265	$432
USA18636106	HBR	40%	74%	61%	92%	92%	90%	87%	86%	83%	77%	83%	47%	77%	73%	74%	74%	67%	76%	66%	86%	82%	83%	78%		
QHEJ100		56	20	72	11	41	6	13	11	50	6	5	6	11	29	75	87	65	37	72	62	62	53	9	3	4
WKGQ202	**DIAMOND ONE ALL IN Q202 SV**	-0.18	-10.0	-8.5	-5.4	+8.2	+71	+121	+166	+154	+23	+2.8	-4.0	+98	+10.5	-5.8	-6.0	+1.9	-0.5	-0.79	+34	+0.94	+0.60	+0.90	$184	$329
WKGN129	HBR	36%	70%	55%	93%	90%	89%	85%	85%	81%	75%	78%	39%	74%	67%	69%	70%	60%	73%	58%	85%	59%	59%	53%		
WKGL21		12	98	99	34	99	2	2	1	3	12	27	65	2	12	99	99	2	98	1	10	70	1	15	70	65
NGCM028	**DULVERTON MEDAGLIA M028 PV**	+0.03	-9.6	-1.4	-4.6	+7.4	+72	+121	+159	+151	+11	+1.2	-4.1	+85	+5.6	-1.3	-4.4	+0.5	+2.5	-0.83	+17	+1.14	+1.10	+1.10	$204	$356
QHEJ134	HBR	43%	73%	62%	93%	91%	94%	94%	94%	88%	88%	91%	54%	88%	86%	86%	87%	78%	88%	78%	82%	78%	79%	75%		
NGCK204		75	98	86	46	97	1	2	2	4	90	81	63	10	59	77	96	47	42	1	65	94	79	72	49	44
NGCN208	**DULVERTON NEW APPROACH**	-0.27	-1.4	+1.6	-5.7	+4.3	+52	+88	+113	+115	+10	+1.4	-5.4	+73	+11.5	-1.7	-1.6	+2.1	+1.0	+0.05	+23	+1.02	+1.08	+1.02	$211	$358
WWEL3	HBR	39%	70%	65%	95%	94%	96%	96%	95%	90%	89%	93%	62%	90%	89%	88%	89%	81%	90%	82%	87%	85%	85%	82%		
NGCG037		3	78	66	30	57	45	61	63	29	92	75	32	33	8	84	71	1	81	32	39	82	75	47	41	43
CYIR18	**EBONY BEEF BILLIE RAY R18 PV**	+0.04	+3.5	+7.9	-4.1	+5.2	+66	+107	+128	+70	+22	+2.6	-5.9	+81	+12.7	-1.6	-0.9	+0.9	+2.0	+0.16	-1	+1.06	+0.92	+1.14	$302	$446
QMUM13	APR	44%	70%	64%	93%	91%	89%	86%	86%	83%	78%	81%	53%	78%	74%	75%	75%	67%	78%	68%	86%	76%	77%	73%		
CYIM611		78	40	7	55	76	4	12	31	90	14	32	22	16	4	82	60	24	55	44	99	87	37	81	1	2
	Breed Average EBVs	**-0.05**	**+1.8**	**+2.7**	**-4.4**	**+4.0**	**+51**	**+92**	**+119**	**+102**	**+17**	**+2.2**	**-4.6**	**+67**	**+6.4**	**+0.0**	**-0.3**	**+0.5**	**+2.3**	**+0.22**	**+21**	**+0.84**	**+0.97**	**+1.02**	**+200**	**+344**

Angus Australia - Shear Force Research Breeding Values

Date: July 29, 2024

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
USA16198796	**EF COMPLEMENT 8088** PV	-0.11	+4.6	+7.0	-4.7	+2.9	+52	+98	+130	+98	+21	+1.4	-6.9	+76	+7.6	+1.4	+0.5	+0.8	+1.5	+0.53	+20	+0.92	+1.26	+1.16	$251	$415
USA14686137	HBR	43%	99%	95%	99%	99%	99%	99%	99%	99%	99%	99%	91%	98%	97%	98%	98%	97%	97%	94%	99%	99%	99%	98%		
USA15452880		28	30	12	45	26	43	32	27	57	20	75	9	28	35	20	35	29	69	81	53	66	96	85	8	8
WWEQ15	**ESSLEMONT GARTH Q15** PV	+0.07	-2.8	+2.0	-8.2	+5.7	+63	+112	+152	+144	+28	+2.3	-6.7	+70	+6.0	-3.6	-3.9	+0.4	+4.0	-0.46	+44	+0.90	+1.14	+1.06	$233	$408
VTMG67	HBR	46%	75%	67%	93%	91%	90%	90%	90%	86%	79%	83%	61%	88%	87%	86%	87%	78%	89%	82%	86%	80%	80%	77%		
WWEN17		85	85	62	7	84	7	7	5	6	2	43	11	43	54	98	94	53	13	4	2	62	85	60	19	10
WWEL3	**ESSLEMONT LOTTO L3** PV	-0.25	-6.3	-2.0	-5.4	+4.7	+60	+110	+140	+135	+16	+3.6	-8.8	+91	+14.5	-0.3	+0.4	+1.7	+3.2	+0.37	+15	+1.12	+1.00	+1.14	$277	$450
HIOG18	HBR	45%	87%	86%	99%	99%	99%	99%	99%	98%	98%	98%	82%	97%	96%	96%	96%	95%	96%	92%	98%	98%	98%	97%		
WWEJ8		4	94	89	34	66	13	8	13	11	59	10	2	5	2	56	37	4	26	67	73	92	58	81	2	2
WWEQ24	**ESSLEMONT QUOKKA Q24** PV	-0.22	+5.2	+0.3	-4.7	+1.7	+43	+84	+98	+53	+21	+4.1	-6.3	+66	+16.8	+1.4	-0.1	+2.3	+2.0	+1.21	+29	+0.76	+0.90	+0.94	$267	$392
WWEN12	HBR	44%	74%	63%	95%	95%	93%	93%	93%	87%	78%	90%	57%	89%	89%	88%	89%	79%	91%	83%	87%	73%	73%	70%		
WWEN7		7	24	76	45	10	84	73	88	98	20	5	16	56	1	20	45	1	55	99	20	32	33	23	3	18
WWE21S6	**ESSLEMONT SEAN S6** PV	-0.20	+4.6	+7.0	-5.7	+3.0	+56	+98	+114	+88	+16	+4.4	-5.6	+79	+17.2	+2.5	+0.6	+1.4	+3.6	+1.01	+26	+1.04	+1.20	+1.10	$287	$447
NGMN418	HBR	43%	69%	62%	94%	91%	90%	86%	86%	84%	78%	82%	51%	79%	75%	75%	77%	68%	79%	70%	88%	65%	65%	64%		
WWEN7		9	30	12	30	28	26	31	61	72	60	4	27	20	1	9	33	8	19	98	26	85	92	72	1	2
NFSM99	**FARRER MAXWELL M99** PV	-0.09	-4.5	+1.1	-0.1	+7.6	+67	+113	+150	+146	+13	+4.2	-6.2	+89	+13.9	-3.0	-5.1	+2.0	+2.6	-0.27	+40	+0.76	+0.76	+0.86	$252	$425
BHRH240	HBR	43%	77%	64%	95%	95%	94%	94%	93%	91%	87%	89%	56%	87%	86%	86%	87%	78%	88%	76%	93%	87%	86%	83%		
NFSH124		34	91	70	96	98	4	6	5	5	80	5	17	6	2	96	98	2	39	9	3	32	9	9	7	5
USA18217198	**G A R ASHLAND** PV	+0.08	+1.6	+2.3	-6.1	+3.2	+67	+116	+146	+121	+15	+1.4	-2.9	+81	+12.7	-2.8	-2.3	+1.0	+3.2	+0.13	+11	+1.24	+1.10	+0.86	$261	$425
USA17354178	HBR	37%	96%	86%	99%	99%	99%	99%	99%	98%	98%	98%	72%	96%	95%	95%	95%	93%	94%	88%	99%	99%	99%	98%		
USA16934264		87	57	59	24	32	4	4	7	22	69	75	85	16	4	95	81	20	26	40	85	98	79	9	4	5
USA16295688	**G A R PROPHET** SV	+0.08	+3.6	+5.3	-0.7	+3.7	+67	+108	+134	+85	+23	+0.7	-5.0	+72	+3.8	-0.9	-1.3	-0.7	+4.7	+0.81	+26	+1.02	+0.82	+0.92	$272	$418
USA13009379	HBR	38%	98%	94%	99%	99%	99%	99%	99%	99%	99%	99%	90%	98%	97%	97%	98%	97%	97%	94%	99%	99%	99%	98%		
USA15129456		87	39	26	93	43	3	12	21	76	12	91	41	38	79	69	67	95	6	94	27	82	17	19	2	7
USA17328461	**G A R SURE FIRE** SV	+0.09	+6.4	+2.2	-3.0	+2.2	+49	+91	+113	+84	+20	+4.1	-7.3	+64	+8.5	+0.0	-0.4	+0.9	+3.6	-0.13	+26	+1.18	+0.94	+0.60	$258	$413
USA16205036	HBR	39%	95%	86%	99%	99%	98%	98%	98%	97%	98%	98%	80%	96%	96%	96%	96%	95%	96%	89%	96%	99%	99%	92%		
USA16431932		89	15	60	72	16	57	54	63	77	27	5	6	59	26	49	51	24	19	16	28	96	42	1	5	8
USA18690054	**GB FIREBALL 672** PV	+0.05	+2.3	+6.7	-4.8	+2.6	+62	+99	+131	+122	+16	+2.8	-6.9	+81	+14.8	-2.5	-3.8	+0.9	+5.4	+0.46	+11	+1.06	+0.94	+0.84	$279	$457
USA17965471	HBR	34%	93%	81%	99%	99%	98%	99%	98%	97%	96%	98%	63%	94%	93%	93%	92%	87%	93%	84%	98%	99%	99%	97%		
USA18054344		81	51	14	43	21	9	30	25	21	57	27	9	16	2	93	94	24	3	75	86	87	42	7	1	1
QBGH221	**GLENOCH HINMAN H221** SV	-0.24	+5.5	-2.6	-2.9	+3.0	+54	+94	+125	+117	+20	+0.9	-3.6	+84	+7.7	-1.8	-5.0	+0.9	+5.2	-0.35	+10	+0.88	+0.80	+1.06	$217	$368
BNAD145	HBR	47%	84%	75%	97%	97%	96%	96%	96%	92%	93%	95%	69%	92%	91%	91%	91%	87%	92%	85%	86%	88%	89%	85%		
QBGD80		5	22	91	73	28	36	44	36	27	29	88	74	11	34	85	98	24	4	6	88	58	14	60	33	34
QBGK112	**GLENOCH KALLANGUR K112** PV	-0.03	-8.5	-3.5	-3.6	+6.4	+56	+99	+126	+105	+15	+1.6	-7.6	+91	+12.3	+1.1	+3.3	+0.6	+2.6	+0.48	+23	+0.72	+0.78	+0.70	$242	$375
NAQA241	HBR	54%	80%	71%	93%	96%	94%	95%	94%	89%	89%	92%	65%	90%	89%	89%	90%	82%	91%	84%	85%	91%	92%	88%		
QBGG72		56	97	94	63	91	26	29	34	44	67	69	5	5	5	25	7	41	39	77	40	25	11	1	12	29
EETN1	**GVA NEWSWORTHY N1** PV	+0.06	+8.2	+4.6	-9.5	+1.6	+51	+90	+115	+92	+23	+2.2	-6.9	+71	+5.4	-0.1	-3.0	+0.5	+1.8	+0.23	+19	+1.04	+0.90	+0.94	$216	$372
USA17031465	HBR	40%	74%	63%	92%	90%	89%	88%	88%	85%	79%	81%	56%	86%	86%	85%	86%	77%	88%	79%	86%	85%	85%	80%		
VSNL24		83	6	34	3	9	47	57	58	66	13	47	9	39	61	51	88	47	61	52	55	85	33	23	35	31
	Breed Average EBVs	**-0.05**	**+1.8**	**+2.7**	**-4.4**	**+4.0**	**+51**	**+92**	**+119**	**+102**	**+17**	**+2.2**	**-4.6**	**+67**	**+6.4**	**+0.0**	**-0.3**	**+0.5**	**+2.3**	**+0.22**	**+21**	**+0.84**	**+0.97**	**+1.02**	**+200**	**+344**

Angus Australia - Shear Force Research Breeding Values

Date: July 29, 2024

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
DKKM41	**HARDHAT H708 MAIMURU J51**	-0.03	-1.5	+3.6	-1.6	+2.3	+43	+91	+118	+96	+11	+1.4	-3.7	+62	+2.2	+1.0	-2.1	-0.4	+6.3	+0.08	+23	+1.04	+1.02	+1.12	$189	$322
NORH708	APR	45%	70%	62%	95%	94%	92%	91%	91%	87%	82%	83%	64%	89%	89%	88%	89%	80%	91%	84%	88%	88%	88%	85%		
DKKJ51		56	79	45	87	17	83	53	52	59	88	75	72	67	90	27	79	89	1	35	40	85	62	77	65	70
DKKQ110	**HARDHAT K522 KODAK M33**	-0.10	+2.8	+8.7	-6.8	+2.4	+47	+83	+110	+102	+16	+2.7	-7.7	+49	+9.6	-0.7	-2.9	+1.1	+3.6	+0.02	+8	+0.66	+0.70	+0.68	$234	$396
NORK522	HBR	46%	74%	62%	91%	91%	88%	88%	89%	84%	76%	80%	53%	78%	79%	79%	79%	74%	80%	82%	84%	85%	85%	81%		
DKKM33		31	46	4	17	18	66	76	69	49	54	29	4	92	17	65	87	16	19	29	91	16	5	1	18	16
DKKN43	**HARDHAT K522 NEBRASKA**	+0.02	+7.8	+6.6	-9.7	+2.1	+59	+100	+138	+133	+12	+5.1	-6.3	+74	+2.9	+0.4	+0.2	-0.3	+0.2	+0.17	+13	+0.76	+0.84	+0.88	$192	$385
NORK522	HBR	44%	78%	67%	94%	95%	93%	92%	91%	87%	82%	88%	58%	89%	87%	86%	88%	79%	89%	81%	91%	90%	90%	85%		
NKLF143		73	8	15	2	14	15	28	15	12	84	1	16	33	86	39	40	87	93	45	81	32	20	11	63	22
NHZF1023	**HAZELDEAN F1023 SV**	-0.18	+3.7	+0.3	-2.6	+3.1	+39	+75	+89	+71	+14	+3.6	-5.2	+49	+7.9	+2.3	-0.3	+0.2	+5.9	+1.35	+12	+0.46	+0.96	+1.06	$210	$335
VTMB1	APR	75%	92%	81%	98%	98%	98%	98%	98%	97%	97%	97%	77%	95%	94%	94%	94%	90%	94%	88%	98%	97%	97%	94%		
NHZB723		12	38	76	77	30	92	90	95	90	75	10	36	92	32	10	49	65	2	99	82	2	47	60	42	62
NHZM586	**HAZELDEAN M586 SV**	-0.22	+6.2	+8.9	-8.3	+2.5	+48	+86	+116	+102	+18	+4.0	-11.5	+69	+5.0	+0.0	+0.2	+0.1	+4.3	+0.89	+37	+0.56	+1.02	+1.16	$270	$456
NHZJ140	APR	45%	87%	71%	98%	98%	97%	97%	97%	96%	94%	96%	71%	94%	92%	92%	93%	87%	94%	88%	96%	95%	95%	92%		
NHZH356		7	17	3	6	20	63	69	56	50	42	6	1	46	66	49	40	71	10	96	5	6	62	85	2	1
NHZP434	**HAZELDEAN P434 SV**	-0.01	+8.9	+6.5	-7.3	+1.8	+45	+86	+113	+96	+20	+2.8	-7.3	+70	+2.2	+0.5	-3.5	+0.9	+1.7	+0.67	+47	+0.56	+0.96	+1.06	$201	$362
NHZJ140	APR	47%	77%	64%	97%	96%	95%	95%	95%	90%	84%	93%	61%	90%	88%	88%	89%	80%	90%	82%	92%	88%	88%	84%		
NHZL527		63	4	16	12	11	75	67	63	59	24	27	6	44	90	37	92	24	63	89	1	6	47	60	52	39
NHZQ1229	**HAZELDEAN Q1229 PV**	-0.04	+0.6	+4.4	-3.6	+3.9	+55	+102	+125	+76	+20	+4.6	-6.9	+77	+9.2	-1.5	-2.0	+0.4	+4.5	+0.92	+28	+0.64	+0.94	+0.98	$271	$414
NHZF1023	APR	50%	78%	64%	98%	97%	97%	95%	95%	88%	81%	93%	56%	82%	82%	82%	82%	76%	82%	83%	97%	91%	91%	86%		
NHZJ823		52	65	36	63	48	29	23	36	85	28	3	9	24	20	81	77	53	8	97	23	13	42	34	2	8
NHZQ319	**HAZELDEAN Q319 PV**	-0.11	+4.2	+9.2	-8.7	+2.7	+54	+105	+142	+139	+17	+3.3	-11.6	+78	+5.6	+1.8	+0.4	-0.6	+4.3	+0.53	+32	+0.82	+1.06	+1.14	$269	$486
NHZM586	APR	43%	76%	61%	97%	97%	96%	95%	95%	88%	80%	94%	56%	83%	83%	83%	83%	76%	84%	82%	96%	89%	88%	84%		
NHZL1175		28	33	3	5	23	34	17	10	8	47	15	1	21	59	15	37	94	10	81	12	45	71	81	3	1
NHZR1561	**HAZELDEAN RONALDO R1561 PV**	-0.06	-7.0	+4.3	-5.7	+6.0	+66	+107	+143	+143	+6	+0.7	-3.9	+74	+4.2	-0.9	-1.3	-0.1	+3.5	+0.44	+14	+0.66	+0.76	+1.00	$199	$353
NORL519	HBR	39%	78%	67%	97%	96%	95%	91%	91%	86%	79%	90%	58%	81%	77%	78%	78%	72%	80%	70%	94%	82%	82%	75%		
NHZJ115		45	95	37	30	87	4	13	10	6	99	91	67	32	75	69	67	80	21	74	77	16	9	40	55	47
DYFN6	**INGLEBRAE FARMS NOBLEMAN**	+0.10	+8.8	+10.4	-7.1	+2.0	+56	+89	+108	+100	+11	+3.4	-2.5	+61	+10.0	+0.9	+1.1	+0.2	+2.2	-0.30	+24	+0.86	+1.12	+1.18	$208	$368
NZE14647008839	HBR	38%	81%	70%	95%	96%	95%	95%	95%	90%	86%	93%	64%	89%	88%	88%	88%	82%	90%	81%	93%	89%	89%	86%		
DYFL18		90	4	1	14	13	27	59	73	53	88	13	90	69	15	29	26	65	49	8	36	54	82	89	44	35
VMIC31	**INNESDALE CARBINE C31 SV**	-0.03	+1.2	-6.0	-1.6	+5.3	+37	+63	+82	+87	+20	+0.5	-5.3	+36	+3.1	+0.0	-0.8	+1.0	+0.8	+0.39	+6	+0.66	+0.94	+1.08	$128	$235
USA14739204	HBR	81%	86%	77%	95%	97%	96%	96%	95%	94%	94%	93%	67%	92%	91%	91%	91%	86%	92%	84%	90%	82%	82%	77%		
VMIU102		56	61	98	87	78	96	99	98	73	27	94	34	99	85	49	58	20	85	69	94	16	42	66	97	97
NZE13300018	**KAKAHU PIVOTAL 18004 PV**	-0.17	+4.0	+2.5	-7.3	+4.0	+55	+102	+119	+66	+27	+3.6	-7.3	+79	+8.7	+0.6	+0.3	+0.5	+4.2	+0.70	+1	+0.72	+0.90	+1.08	$292	$435
WWEL3	HBR	42%	73%	65%	95%	96%	94%	94%	95%	89%	83%	92%	57%	82%	84%	83%	83%	78%	84%	80%	91%	88%	88%	83%		
NZE13300116373		13	35	57	12	50	29	23	50	93	3	10	6	19	24	35	38	47	11	91	99	25	33	66	1	3
GXNQ209	**KELLY ANGUS QUINN Q209 SV**	+0.03	+7.7	+9.7	-6.9	+2.0	+65	+115	+143	+117	+27	+0.6	-9.3	+89	+6.6	-1.3	-2.9	+0.4	+2.7	-0.13	+34	+1.30	+1.26	+1.30	$299	$499
USA18463791	HBR	38%	74%	60%	95%	94%	92%	91%	89%	85%	77%	81%	48%	78%	78%	78%	79%	72%	79%	65%	86%	73%	74%	69%		
VLYL1327		75	8	2	16	13	5	5	10	27	3	93	1	6	47	77	87	53	37	16	9	99	96	98	1	1
	Breed Average EBVs	**-0.05**	**+1.8**	**+2.7**	**-4.4**	**+4.0**	**+51**	**+92**	**+119**	**+102**	**+17**	**+2.2**	**-4.6**	**+67**	**+6.4**	**+0.0**	**-0.3**	**+0.5**	**+2.3**	**+0.22**	**+21**	**+0.84**	**+0.97**	**+1.02**	**+200**	**+344**

Angus Australia - Shear Force Research Breeding Values

Date: July 29, 2024

Ident / Sire / Dam	Name / 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
NDIP481	**KENNY'S CREEK PINNACLE P481**	+0.06	+2.7	-0.4	-3.9	+3.0	+48	+86	+114	+66	+21	+0.1	-2.8	+77	+3.9	+1.5	+1.2	-1.4	+6.3	+1.24	+19	+0.94	+0.90	+0.84	$207	$318
USA17354145	HBR	40%	80%	68%	98%	97%	96%	96%	96%	91%	84%	93%	61%	90%	89%	88%	89%	81%	91%	83%	90%	90%	90%	87%		
NDIL236		83	47	81	58	28	63	66	60	93	20	97	87	23	78	19	24	99	1	99	58	70	33	7	45	73
KILP1	**KILLAIN RAINMAN P1 PV**	-0.09	-3.1	-4.3	-6.9	+4.2	+60	+106	+130	+125	+14	+3.3	-2.9	+74	+14.4	-2.5	-1.8	+2.3	-1.6	+0.32	+4	+0.92	+0.98	+1.10	$187	$330
USA18578965	HBR	39%	74%	61%	95%	93%	92%	90%	91%	86%	79%	82%	51%	87%	86%	86%	86%	77%	88%	77%	86%	76%	76%	64%		
KILM9		34	86	95	16	55	14	15	26	18	70	15	85	31	2	93	74	1	99	62	97	66	53	72	67	65
BLAP130	**KNOWLA PACKER P130 PV**	+0.00	+2.6	+1.1	-3.0	+4.6	+55	+100	+131	+112	+11	+1.1	-5.7	+75	+7.9	+0.3	-0.9	+0.8	+2.0	+0.12	+25	+0.82	+1.20	+0.94	$231	$390
SRKK306	HBR	40%	73%	63%	93%	91%	89%	89%	89%	85%	78%	85%	54%	85%	84%	84%	85%	77%	87%	77%	84%	78%	78%	74%		
BLAK113		66	48	70	72	64	29	26	25	33	90	84	26	29	32	42	60	29	55	39	30	45	92	23	20	19
BLAP91	**KNOWLA PEPPER P91 PV**	+0.01	+5.0	+2.5	-5.6	+3.7	+61	+115	+143	+167	+9	+1.6	-8.4	+67	+8.6	+1.8	-1.1	+1.1	+2.5	+0.39	-2	+0.98	+1.04	+1.02	$260	$481
HIOG18	HBR	45%	78%	70%	95%	95%	93%	93%	94%	88%	83%	90%	62%	90%	89%	88%	89%	81%	91%	85%	90%	91%	91%	88%		
BLAL06		70	26	57	31	43	12	5	10	1	95	69	2	52	25	15	63	16	42	69	99	76	67	47	5	1
BLAR190	**KNOWLA REVOLUTION R190 PV**	+0.10	+9.9	+6.2	-10.7	+1.0	+40	+76	+102	+70	+25	+2.5	-3.6	+51	+14.5	+4.6	+3.1	+0.1	+4.9	+0.69	+41	+0.80	+1.04	+1.08	$225	$359
BLAN127	HBR	40%	72%	57%	95%	94%	90%	88%	86%	83%	75%	84%	44%	76%	74%	75%	75%	67%	77%	63%	87%	79%	80%	76%		
BLAP172		90	2	18	1	5	91	90	83	91	6	36	74	90	2	1	7	71	5	90	3	41	67	66	26	42
BLA21S48	**KNOWLA SO RIGHT S48 PV**	+0.19	+3.0	-3.6	-4.6	+3.8	+57	+100	+128	+107	+17	+3.1	-6.1	+80	+10.0	+1.1	+1.2	+0.0	+4.2	+0.22	+29	+0.84	+0.94	+0.94	$248	$405
USA18837398	HBR	42%	79%	60%	98%	98%	96%	93%	89%	85%	77%	90%	46%	79%	78%	79%	79%	72%	80%	65%	96%	78%	78%	76%		
BLAL21		98	45	94	46	45	21	28	30	42	50	19	19	18	15	25	24	76	11	51	19	49	42	23	9	11
NZCP117	**KO B074 BEAST MODE P117 PV**	+0.08	+1.5	+5.4	-5.3	+1.8	+60	+100	+123	+127	+10	+2.2	-4.6	+61	+1.2	+0.6	-0.4	-0.8	+3.9	+0.61	+14	+0.66	+0.54	+0.74	$198	$367
USA17960722	HBR	38%	75%	66%	98%	98%	96%	96%	94%	88%	80%	91%	56%	82%	84%	83%	83%	78%	84%	69%	91%	89%	89%	85%		
NZCM67		87	58	25	35	11	14	26	40	17	93	47	50	69	95	35	51	96	15	86	76	16	1	2	55	35
VLYR1549	**LAWSONS ASHLAND R1549 SV**	+0.05	-2.6	-2.8	-6.7	+3.6	+60	+105	+137	+118	+15	+0.3	-0.1	+84	+16.2	-1.4	-1.1	+1.1	+3.9	+0.49	+21	+1.16	+1.04	+0.78	$218	$350
USA18217198	HBR	39%	76%	66%	91%	91%	90%	88%	90%	86%	78%	81%	52%	79%	79%	80%	80%	74%	80%	81%	85%	84%	84%	79%		
VLYP251		81	84	92	18	41	14	16	16	26	65	96	99	12	1	79	63	16	15	78	47	95	67	3	33	50
VLYN131	**LAWSONS CHARLIE N131 SV**	+0.20	-2.4	-1.1	-4.0	+5.5	+72	+128	+159	+127	+18	+2.9	-4.8	+78	+5.4	-1.7	-1.6	-0.1	+1.0	+0.35	+32	+0.88	+0.74	+0.88	$232	$396
USA16295688	HBR	39%	80%	72%	95%	96%	95%	94%	92%	88%	85%	91%	65%	87%	86%	86%	87%	79%	88%	80%	94%	92%	92%	88%		
VLYL710		98	83	85	57	81	1	1	2	16	43	24	45	21	61	84	71	80	81	65	12	58	7	11	19	16
VLYL483	**LAWSONS LINKEDIN L483 SV**	-0.05	+4.3	-5.7	-1.2	+4.1	+58	+109	+152	+141	+25	+4.0	-4.2	+103	+8.9	-1.0	+2.0	+0.3	+1.8	-0.23	+20	+1.02	+0.76	+0.88	$208	$383
HKFJ5	HBR	47%	87%	78%	98%	98%	97%	97%	97%	95%	95%	94%	67%	93%	89%	88%	91%	84%	91%	82%	89%	85%	85%	81%		
VLYH221		49	32	97	90	52	20	11	4	7	6	6	60	1	23	71	15	59	61	11	52	82	9	11	44	24
VLYQ44	**LAWSONS MIRACULOUS Q44 PV**	-0.07	+4.3	-3.1	-7.4	+3.6	+49	+89	+110	+103	+10	+3.1	-3.3	+48	+20.8	+0.7	+0.7	+2.0	+2.5	+0.25	+36	+0.96	+0.92	+0.98	$233	$378
VLYM518	HBR	40%	76%	66%	97%	96%	93%	93%	93%	89%	82%	90%	54%	81%	82%	82%	82%	76%	82%	81%	84%	81%	81%	77%		
VLYK914		41	32	93	12	41	60	58	68	47	93	19	79	93	1	33	32	2	42	54	7	73	37	34	19	27
VLYM518	**LAWSONS MOMENTOUS M518**	+0.04	-3.1	-3.2	-5.2	+3.9	+50	+92	+112	+82	+22	+2.6	-3.2	+50	+12.5	-0.5	+0.3	+0.3	+5.6	+0.78	+36	+0.90	+1.02	+1.16	$221	$335
USA17354145	HBR	43%	97%	90%	99%	99%	99%	99%	99%	98%	98%	99%	79%	97%	95%	96%	96%	94%	95%	90%	99%	99%	99%	98%		
VLYH229		78	86	93	37	48	56	50	65	79	14	32	81	90	5	60	38	59	2	94	6	62	62	85	29	61
VLYP316	**LAWSONS PROPHET P316 PV**	+0.00	+6.1	+5.3	-2.2	+3.3	+58	+90	+107	+62	+18	+0.3	-4.3	+71	+11.0	-3.8	-3.9	+1.6	+3.9	+0.41	+29	+0.62	+0.70	+0.80	$281	$407
USA16295688	HBR	41%	78%	69%	93%	96%	94%	94%	92%	87%	79%	90%	58%	81%	82%	82%	82%	77%	83%	78%	93%	90%	90%	85%		
VLYM527		66	17	26	82	34	19	56	75	94	44	96	58	41	10	99	94	5	15	71	17	11	5	4	1	10
	Breed Average EBVs	**-0.05**	**+1.8**	**+2.7**	**-4.4**	**+4.0**	**+51**	**+92**	**+119**	**+102**	**+17**	**+2.2**	**-4.6**	**+67**	**+6.4**	**+0.0**	**-0.3**	**+0.5**	**+2.3**	**+0.22**	**+21**	**+0.84**	**+0.97**	**+1.02**	**+200**	**+344**

Angus Australia - Shear Force Research Breeding Values

Date: July 29, 2024

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
VLYR4010	**LAWSONS ROCKY R4010 PV**	-0.14	+6.7	+5.7	-4.5	+2.5	+54	+95	+124	+96	+23	+2.5	-4.2	+74	+11.7	+2.1	+1.9	+0.2	+4.5	+1.33	+20	+1.00	+1.04	+1.02	$255	$414
USA17354145	HBR	41%	85%	69%	99%	99%	98%	97%	96%	88%	80%	96%	57%	82%	85%	84%	84%	79%	85%	71%	98%	95%	95%	92%		
VLYP4005		20	13	22	48	20	34	41	38	60	13	36	60	31	7	12	16	65	8	99	52	79	67	47	6	8
VLYR1217	**LAWSONS ROMULUS R1217 PV**	+0.06	+2.6	+6.4	-5.8	+3.7	+63	+108	+147	+114	+18	+1.3	-2.4	+83	+10.2	-4.1	-4.1	+1.2	+4.1	+0.55	+12	+1.14	+1.10	+0.94	$256	$413
USA18217198	HBR	36%	75%	65%	93%	90%	89%	85%	85%	82%	77%	80%	50%	76%	72%	72%	73%	66%	75%	67%	85%	71%	71%	68%		
VLYN976		83	48	16	28	43	7	12	7	31	39	78	91	14	13	99	95	13	12	83	83	94	79	23	6	8
NMMD78	**MILLAH MURRAH EQUATOR D78**	+0.07	-0.6	+6.2	-9.1	+5.0	+62	+111	+158	+184	+18	+2.1	-4.0	+90	+1.8	-1.7	-3.4	+0.9	+0.0	-0.99	+22	+0.82	+0.94	+1.08	$154	$353
USA14237157	HBR	74%	96%	89%	99%	99%	98%	98%	98%	97%	98%	98%	81%	96%	95%	96%	96%	94%	95%	89%	98%	95%	95%	92%		
NMMY119		85	74	18	4	72	9	8	3	1	43	50	65	6	92	84	91	24	95	1	43	45	42	66	90	47
NMMH250	**MILLAH MURRAH HERCULES**	-0.21	-2.6	+3.1	-2.9	+6.0	+42	+75	+107	+95	+12	+2.4	-4.8	+61	+3.2	-1.3	-0.6	+0.4	+2.4	+0.15	+18	+0.90	+1.14	+1.08	$154	$275
NMME78	HBR	55%	86%	73%	98%	98%	97%	97%	97%	94%	94%	95%	65%	92%	91%	90%	91%	87%	92%	84%	91%	89%	89%	84%		
NMME120		8	84	50	73	87	86	90	76	61	84	39	45	70	84	77	54	53	44	43	59	62	85	66	90	91
NMMG18	**MILLAH MURRAH HIGHLANDER**	-0.12	-1.6	-4.3	-3.2	+4.4	+49	+87	+110	+88	+20	+4.1	-2.9	+77	+10.3	-3.4	-1.7	+2.1	-0.2	-0.11	+13	+0.80	+0.96	+1.02	$173	$285
NZE12170004408	HBR	72%	84%	73%	97%	96%	94%	94%	93%	91%	87%	90%	65%	91%	90%	90%	91%	84%	92%	84%	91%	84%	84%	80%		
NMMD85		25	79	95	69	59	58	64	69	72	29	5	85	23	13	97	73	1	97	18	81	41	47	47	79	88
NMMK35	**MILLAH MURRAH KINGDOM K35**	+0.04	-11.9	-7.2	-2.0	+8.8	+55	+99	+137	+149	+11	+0.9	-5.3	+62	+7.7	+0.1	+0.1	+1.1	-1.1	-0.73	+27	+0.82	+1.28	+1.20	$131	$265
NZE469	HBR	46%	96%	89%	99%	99%	98%	98%	98%	98%	98%	98%	81%	96%	95%	95%	95%	94%	95%	89%	98%	96%	96%	94%		
NMMG41		78	99	99	84	99	32	29	15	4	89	88	34	65	34	46	42	16	99	1	24	45	97	91	96	93
NMMK42	**MILLAH MURRAH KLOONEY K42**	+0.00	+4.2	+1.7	-6.1	+5.6	+47	+86	+107	+89	+23	+2.1	-5.5	+65	+6.4	-1.2	-3.1	+1.2	+1.8	-0.06	+17	+0.84	+0.90	+1.08	$200	$337
NGMT30	HBR	46%	86%	83%	99%	99%	98%	99%	98%	98%	98%	98%	83%	97%	95%	96%	96%	94%	95%	89%	99%	97%	97%	95%		
NMMH4		66	33	65	24	82	67	68	74	70	12	50	29	59	49	75	89	13	61	21	64	49	33	66	53	60
NMML133	**MILLAH MURRAH LOCH UP L133**	-0.17	+4.9	+4.3	-5.5	+4.8	+59	+100	+131	+101	+26	+2.1	-1.9	+79	+1.6	-2.1	-4.1	-0.6	+1.8	-0.14	+32	+0.68	+1.08	+1.16	$168	$307
USA17091363	HBR	40%	81%	81%	99%	99%	98%	98%	98%	98%	98%	98%	81%	96%	95%	96%	96%	94%	95%	89%	98%	97%	97%	96%		
NMMH49		13	27	37	32	68	18	28	24	51	5	50	94	20	93	89	95	94	61	16	13	18	75	85	83	79
NMMM308	**MILLAH MURRAH MILESTONE**	+0.12	+6.7	+5.1	-7.4	+4.7	+44	+79	+92	+81	+17	+2.6	-5.9	+44	+4.7	+2.4	+5.0	-0.3	+2.1	+0.12	+20	+0.84	+1.00	+1.22	$203	$348
NZE14647008839	HBR	44%	83%	73%	97%	97%	96%	96%	96%	94%	91%	95%	68%	90%	89%	89%	89%	84%	90%	80%	95%	84%	84%	81%		
NMMH331		93	13	28	12	66	81	83	93	81	46	32	22	96	70	9	2	87	52	39	52	49	58	93	50	51
NJWH283	**MILWILLAH ELSOM H283 PV**	-0.06	+0.5	-6.4	-2.3	+3.9	+47	+84	+123	+110	+21	+1.8	-1.5	+76	+9.3	-2.5	-2.7	+1.6	+1.5	+0.40	+20	+0.74	+0.84	+1.04	$153	$273
NJWF189	HBR	57%	83%	71%	97%	97%	96%	96%	95%	92%	93%	94%	63%	92%	91%	91%	91%	86%	92%	85%	88%	89%	90%	85%		
NJWE51		45	66	98	81	48	68	74	41	37	18	62	96	27	19	93	86	5	69	70	53	28	20	53	90	91
NJWE158	**MILWILLAH LAD E158 SV**	+0.06	-3.0	-6.5	-7.7	+7.9	+41	+79	+105	+108	+7	+2.0	-5.3	+42	+8.7	-0.7	-4.7	+1.3	+3.1	+0.22	+12	+0.74	+0.80	+0.72	$157	$280
NZEE230	HBR	79%	84%	76%	95%	97%	96%	96%	96%	93%	95%	93%	64%	92%	91%	91%	91%	85%	92%	83%	90%	79%	80%	72%		
VTMX114		83	86	98	10	99	89	84	78	40	98	54	34	97	24	65	97	10	28	51	81	28	14	1	89	89
BWFQ33	**MOOGENILLA QUINELLA Q33 PV**	-0.18	+3.1	+9.8	-6.4	+3.7	+59	+116	+144	+84	+25	+3.0	-2.5	+100	+10.1	-1.1	-0.4	+0.1	+4.3	+0.66	+31	+0.82	+0.96	+0.86	$268	$418
USA18181757	HBR	39%	81%	65%	99%	99%	98%	98%	97%	89%	80%	97%	54%	82%	86%	85%	85%	79%	85%	75%	97%	95%	95%	92%		
BWFN9		12	44	2	21	43	17	4	9	77	5	21	90	2	14	73	51	71	10	89	15	45	47	9	3	7
EGRM39	**MOSQUITO CREEK MAXIMUS**	-0.10	+3.4	+3.7	-6.1	+5.2	+60	+107	+140	+137	+16	+1.9	-7.6	+72	+6.6	+0.7	+0.2	+0.4	+2.3	+0.04	+12	+0.84	+0.84	+0.98	$249	$439
HIOG18	HBR	42%	78%	68%	92%	95%	93%	94%	93%	88%	84%	92%	58%	86%	86%	85%	86%	79%	87%	76%	83%	76%	77%	72%		
EGRD9		31	41	44	24	76	13	13	13	9	57	58	5	38	47	33	40	53	47	31	81	49	20	34	9	3
	Breed Average EBVs	**-0.05**	**+1.8**	**+2.7**	**-4.4**	**+4.0**	**+51**	**+92**	**+119**	**+102**	**+17**	**+2.2**	**-4.6**	**+67**	**+6.4**	**+0.0**	**-0.3**	**+0.5**	**+2.3**	**+0.22**	**+21**	**+0.84**	**+0.97**	**+1.02**	**+200**	**+344**

Angus Australia - Shear Force Research Breeding Values

Ident / Sire / Dam	Name / 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
EGRQ53	**MOSQUITO CREEK QUALITY Q53**	+0.00	+8.3	+9.5	-6.3	+0.4	+58	+105	+132	+104	+28	+1.5	-5.7	+79	+0.3	+0.0	-1.5	-0.4	+1.8	-0.31	+31	+1.10	+1.18	+1.14	$221	$394
USA18463791	HBR	38%	74%	60%	93%	93%	91%	91%	92%	86%	77%	86%	49%	79%	80%	80%	80%	74%	80%	81%	85%	81%	82%	76%		
EGRG2		66	6	2	22	3	18	16	23	45	2	72	26	19	97	49	70	89	61	7	14	91	90	81	30	17
CSWP036	**MURDEDUKE BLACK PEARL**	-0.10	+1.6	+4.2	-8.4	+4.7	+49	+93	+134	+119	+20	+3.3	-7.1	+60	+1.3	+0.6	-0.9	-1.0	+6.3	+0.67	+14	+0.86	+1.18	+1.22	$214	$382
USA17236055	HBR	44%	79%	70%	96%	96%	94%	94%	93%	90%	83%	89%	67%	91%	90%	90%	91%	82%	92%	85%	93%	92%	93%	89%		
CSWL123		31	57	38	6	66	58	46	20	24	27	15	8	72	94	35	60	98	1	89	77	54	90	93	37	24
CSWH211	**MURDEDUKE HUSSAR H211 PV**	-0.23	+1.8	+5.4	-8.7	+6.1	+60	+117	+152	+165	+12	+4.0	-5.2	+82	+1.7	-2.0	-5.5	+0.8	-0.6	-0.71	+29	+0.52	+0.86	+1.02	$160	$360
VTME343	HBR	43%	83%	75%	97%	96%	95%	95%	95%	93%	91%	94%	67%	91%	90%	90%	91%	85%	92%	84%	95%	95%	95%	93%		
CSWE175		6	56	25	5	89	14	4	4	2	84	6	36	15	93	88	99	29	99	1	20	4	24	47	87	41
CSWK428	**MURDEDUKE KICKING K428 PV**	-0.22	+7.4	+9.0	-7.6	+1.8	+48	+93	+115	+87	+24	+3.3	-5.5	+66	+2.1	-0.3	-2.9	+0.4	+0.7	-0.11	+41	+0.88	+1.00	+1.20	$189	$344
VTME343	HBR	42%	87%	76%	98%	98%	97%	97%	97%	95%	94%	97%	69%	93%	92%	89%	92%	87%	93%	86%	97%	97%	97%	95%		
CSWE175		7	9	3	10	11	66	47	59	73	8	15	29	55	91	56	87	53	87	18	3	58	58	91	65	54
CSWQ011	**MURDEDUKE QUARTERBACK**	+0.07	+5.1	-1.0	-9.5	+3.0	+53	+98	+131	+114	+23	+4.1	-5.5	+74	+4.6	+1.8	+2.5	-1.0	+5.2	+0.63	+24	+0.74	+1.14	+1.06	$221	$387
VLYM518	HBR	43%	89%	79%	99%	99%	99%	99%	98%	96%	92%	98%	63%	91%	90%	89%	89%	82%	90%	80%	99%	98%	98%	97%		
CSWN026		85	25	84	3	28	41	31	26	31	12	5	29	30	71	15	11	98	4	87	34	28	85	60	29	21
NURM208	**MURRAY GENESIS M208 PV**	-0.12	+1.1	+5.5	-5.9	+4.6	+50	+95	+129	+108	+19	+3.8	-6.1	+82	+16.4	-0.6	-2.6	+2.1	+0.9	+1.38	+7	+0.90	+1.00	+0.68	$232	$391
SMPG357	HBR	43%	80%	70%	93%	94%	93%	92%	93%	88%	87%	86%	64%	89%	88%	86%	89%	83%	90%	82%	88%	91%	90%	87%		
NURK45		25	62	24	27	64	52	40	29	39	32	8	19	15	1	63	85	1	83	99	93	62	58	1	19	19
NURN70	**MURRAY KODAK N70 PV**	-0.04	+1.0	+3.5	-6.7	+4.4	+57	+102	+136	+139	+15	+5.2	-6.3	+80	+9.4	-1.2	-1.4	+0.9	+3.7	-0.33	+14	+0.94	+0.90	+0.92	$233	$417
NORK522	HBR	47%	80%	68%	98%	97%	96%	96%	96%	90%	87%	96%	62%	90%	89%	89%	90%	82%	91%	84%	96%	94%	94%	90%		
NURJ53		52	62	46	18	59	24	22	17	8	63	1	16	18	19	75	68	24	17	7	74	70	33	19	18	7
NURM204	**MURRAY PROCEED M204 PV**	-0.39	-5.6	+7.4	-4.4	+4.3	+62	+107	+144	+134	+19	+2.3	-2.9	+90	+13.7	-4.8	-5.8	+0.8	+6.7	+0.09	+24	+0.94	+0.74	+0.90	$232	$385
USA16956101	HBR	43%	81%	70%	96%	96%	94%	94%	94%	90%	85%	90%	63%	91%	90%	87%	91%	86%	91%	85%	93%	91%	91%	87%		
NURJ43		1	93	10	50	57	10	13	9	11	37	43	85	5	3	99	99	29	1	36	33	70	7	15	20	22
NURP54	**MURRAY TWINHEARTS P54 PV**	+0.09	+0.3	+4.2	-6.0	+6.7	+70	+126	+166	+158	+23	+1.8	-4.2	+103	+8.1	-2.1	-4.0	+0.9	+3.0	+0.19	+18	+0.84	+1.22	+0.88	$248	$439
USA16350631	HBR	41%	75%	64%	93%	91%	90%	90%	89%	86%	80%	82%	59%	86%	85%	85%	86%	78%	88%	78%	86%	88%	88%	84%		
NURM13		89	68	38	26	94	2	1	1	2	12	62	60	1	30	89	95	24	30	47	60	49	93	11	9	3
SFNL21	**NAMPARA LIBERTY L21 SV**	+0.04	-5.0	-2.9	-6.5	+8.6	+66	+110	+147	+166	+18	+2.8	-1.0	+78	+8.0	-1.9	-0.8	+1.9	-2.6	-0.63	+23	+0.90	+0.88	+1.00	$137	$293
NZE10322010609	HBR	37%	87%	73%	98%	98%	97%	97%	97%	95%	94%	96%	63%	93%	92%	89%	92%	87%	93%	86%	94%	92%	92%	88%		
SFNH65		78	92	92	20	99	4	9	7	2	42	27	98	22	31	87	58	2	99	2	37	62	28	40	95	85
WLGP5	**NARANDA PIMP P5 SV**	-0.08	+11.0	+9.2	-11.5	+1.6	+53	+100	+128	+97	+21	+1.7	-3.2	+83	+6.9	+1.7	+2.8	-0.3	+3.3	+0.34	-2	+0.70	+0.76	+1.06	$233	$396
USA18229425	APR	37%	76%	62%	97%	95%	94%	94%	93%	88%	79%	87%	54%	89%	87%	86%	88%	78%	89%	82%	90%	87%	87%	82%		
WLGM24		38	1	3	1	9	42	28	30	58	23	65	81	13	43	16	9	87	24	64	99	21	9	60	19	16
SKOJ6	**NEWLYN PARK EMPEROR J6 PV**	-0.02	-7.1	-4.4	-7.3	+7.4	+64	+112	+144	+159	+10	+1.4	-4.3	+81	+8.0	-1.1	-1.2	+1.4	+0.3	-0.70	+16	+1.06	+0.80	+0.78	$184	$344
VTME343	HBR	44%	78%	70%	93%	92%	91%	90%	91%	88%	83%	85%	64%	87%	86%	86%	87%	80%	88%	79%	85%	85%	85%	81%		
NZCE115		60	96	95	12	97	6	7	9	2	93	75	58	17	31	73	65	8	92	1	69	87	14	3	70	54
NZE21095018	**NGAPUTAHI P206 PV**	-0.22	+9.7	+4.9	-1.5	+0.0	+42	+84	+97	+73	+28	+2.7	-7.6	+53	+5.9	-0.3	-2.8	+1.2	+4.3	+0.19	+17	+0.96	+1.04	+1.12	$245	$392
HIOE7	HBR	58%	79%	71%	93%	96%	95%	95%	94%	89%	82%	93%	67%	89%	89%	88%	89%	81%	90%	83%	87%	80%	81%	78%		
NZE21095112H49		7	2	30	88	2	87	74	89	88	2	29	5	87	55	56	87	13	10	47	62	73	67	77	11	18
	Breed Average EBVs	**-0.05**	**+1.8**	**+2.7**	**-4.4**	**+4.0**	**+51**	**+92**	**+119**	**+102**	**+17**	**+2.2**	**-4.6**	**+67**	**+6.4**	**+0.0**	**-0.3**	**+0.5**	**+2.3**	**+0.22**	**+21**	**+0.84**	**+0.97**	**+1.02**	**+200**	**+344**

Angus Australia - Shear Force Research Breeding Values

Date: July 29, 2024

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
USA16981588	**PA FULL POWER 1208** PV			-0.05	-5.5	-4.7	-4.9	+3.8	+53	+99	+121	+76	+13	+2.1	-2.7	+72	+13.1	-1.7	+0.2	+1.2	+3.2	+0.91	+21	+1.24	+0.94	+0.70	$229	$333
USA16381311	HBR			44%	95%	86%	99%	98%	98%	98%	98%	98%	98%	98%	74%	96%	94%	94%	94%	92%	95%	87%	98%	98%	98%	91%		
USA16408070				49	93	96	42	45	40	29	46	85	77	50	88	38	3	84	40	13	26	97	46	98	42	1	22	63
HKFE27	**PARINGA IRON ORE E27** PV			-0.17	+6.5	+0.7	-6.9	+2.0	+35	+67	+89	+96	+13	+1.9	-7.2	+66	+6.8	+1.5	+2.6	+1.2	+1.7	+0.33	+31	+0.88	+0.88	+0.98	$186	$335
VTMA149	HBR			81%	71%	66%	97%	96%	95%	95%	94%	91%	92%	92%	65%	91%	90%	90%	91%	84%	92%	84%	89%	84%	84%	79%		
FAFC1				13	15	74	16	13	97	97	95	58	82	58	7	54	44	19	11	13	63	63	14	58	28	34	68	61
SMPG357	**PATHFINDER GENESIS G357** PV			-0.13	+0.1	+3.8	-7.2	+6.7	+61	+108	+147	+137	+25	+4.4	-5.8	+95	+13.5	+0.4	-0.8	+1.5	-0.1	+0.62	+27	+0.86	+1.04	+0.78	$227	$404
VTMB1	HBR			44%	97%	89%	99%	99%	99%	99%	99%	98%	98%	98%	85%	97%	96%	96%	96%	95%	95%	90%	98%	98%	98%	96%		
SMPD245				22	69	43	13	94	10	11	7	9	5	4	24	3	3	39	58	6	96	87	24	54	67	3	24	12
SMPK22	**PATHFINDER KOMPLETE K22** SV			-0.05	+10.3	+8.4	-9.1	+0.9	+40	+74	+95	+47	+27	+3.0	-5.7	+52	+6.2	+3.5	+5.3	+0.3	+2.1	+0.51	+26	+0.50	+0.82	+0.66	$232	$358
SMPG357	HBR			42%	93%	80%	99%	98%	98%	98%	98%	97%	97%	98%	74%	95%	94%	94%	94%	93%	94%	87%	97%	96%	96%	94%		
SMPH756				49	1	5	4	5	90	92	91	99	3	21	26	88	52	3	2	59	52	80	28	3	17	1	20	43
SMPM651	**PATHFINDER MASTERPIECE**			+0.03	+3.2	+4.8	-6.0	+5.2	+57	+105	+132	+138	+21	+3.7	-7.7	+54	+9.4	-1.9	-3.8	+1.7	+1.4	-0.27	+33	+0.96	+1.22	+1.18	$235	$426
VTMG67	HBR			46%	80%	72%	92%	95%	93%	92%	92%	88%	87%	88%	63%	88%	86%	86%	87%	80%	88%	80%	83%	77%	77%	74%		
SMPH66				75	43	31	26	76	23	15	23	9	22	9	4	85	19	87	94	4	72	9	10	73	93	89	17	5
SMPM558	**PATHFINDER MAXIMUS M558** PV			-0.04	-1.9	+2.5	-6.8	+5.9	+60	+99	+128	+137	+20	+4.6	-8.4	+53	+10.9	-2.6	-2.5	+0.9	+3.5	-0.35	+49	+0.92	+1.08	+0.84	$240	$418
VTMG67	HBR			46%	84%	74%	96%	97%	95%	95%	95%	92%	92%	93%	66%	91%	90%	89%	91%	87%	91%	84%	86%	78%	79%	76%		
SMPH458				52	81	57	17	86	14	30	31	9	25	3	2	87	10	93	83	24	21	6	1	66	75	7	14	7
SMPN56	**PATHFINDER NUCLEUS N56** SV			-0.11	+3.5	+2.0	-3.4	+5.4	+60	+107	+140	+137	+16	+4.6	-7.3	+77	+13.5	+0.7	+0.6	+1.2	+1.5	+0.38	+9	+0.76	+0.80	+0.84	$257	$449
HIOG18	HBR			43%	80%	69%	96%	97%	95%	95%	95%	90%	89%	93%	63%	91%	90%	90%	91%	82%	92%	85%	89%	86%	87%	81%		
SMPL179				28	40	62	66	79	13	13	12	9	56	3	6	25	3	33	33	13	69	68	89	32	14	7	5	2
SMPP516	**PATHFINDER PHAT CAT P516** SV			+0.01	+5.2	+2.1	-7.5	+4.4	+52	+89	+116	+85	+24	+5.3	-9.6	+49	+11.9	-3.3	-2.7	+0.8	+6.0	+0.15	+38	+0.78	+1.14	+0.96	$293	$453
SMPM558	HBR			43%	74%	64%	96%	96%	94%	94%	94%	88%	82%	92%	57%	86%	84%	84%	85%	78%	87%	79%	92%	85%	85%	80%		
SMPJ282				70	24	61	11	59	43	60	56	76	7	1	1	92	6	97	86	29	2	43	5	36	85	28	1	2
SMPQ1357	**PATHFINDER QUEST Q1357** PV			-0.23	-3.3	+0.2	-6.3	+5.5	+64	+116	+163	+177	+15	+1.7	-4.8	+83	+5.8	-2.1	-3.4	+1.0	+3.3	+0.19	+28	+0.86	+0.64	+1.10	$211	$401
NORL519	HBR			40%	77%	67%	94%	95%	93%	92%	93%	87%	79%	86%	57%	81%	81%	81%	81%	76%	82%	81%	88%	83%	84%	80%		
SMPM18				6	87	77	22	81	7	4	2	1	62	65	45	13	57	89	91	20	24	47	21	54	2	72	41	13
NZE41-97	**PINEBANK WAIGROUP 41/97** #			+0.18	+3.5	-3.7	-3.5	+3.6	+37	+64	+77	+52	+19	+1.0	-3.8	+18	+5.3	+1.1	+0.2	+0.9	+1.1	-0.06	+33	+0.32	+0.94	+1.00	$156	$244
NZE53195	HBR			83%	96%	90%	98%	99%	98%	98%	98%	98%	98%	97%	88%	97%	96%	96%	96%	95%	96%	90%	93%	87%	87%	82%		
NZE63988				98	40	94	64	41	95	98	99	98	37	86	70	99	63	25	40	24	79	21	11	1	42	40	89	96
WQCQ47	**QUANDEN SPRINGS**			-0.06	+9.4	+7.1	-9.3	-0.8	+50	+97	+129	+115	+29	+5.0	-5.2	+49	+11.1	+2.1	+1.9	+0.2	+2.8	-0.22	+26	+1.04	+1.06	+1.08	$223	$404
VLYM518	HBR			41%	76%	66%	91%	92%	91%	90%	91%	86%	79%	85%	54%	80%	80%	81%	81%	75%	81%	78%	88%	82%	84%	78%		
VLYM1690				45	3	11	3	1	54	36	29	29	1	2	36	92	9	12	16	65	34	11	28	85	71	66	27	12
NORE11	**RENNYLEA EDMUND E11** PV			-0.03	+8.7	+1.1	-6.8	+1.2	+34	+64	+84	+54	+16	+1.9	-7.5	+52	+3.9	+3.3	+1.4	-0.1	+4.0	+0.77	+23	+0.56	+1.04	+1.10	$203	$323
NGMY145	HBR			82%	99%	97%	99%	99%	99%	99%	99%	99%	99%	99%	94%	98%	98%	98%	98%	98%	98%	96%	99%	99%	99%	99%		
VLYY5				56	4	70	17	6	98	98	97	97	57	58	5	88	78	4	22	80	13	93	39	6	67	72	51	70
NORG255	**RENNYLEA G255** PV			-0.50	-10.7	-5.6	-3.0	+4.6	+49	+94	+128	+127	+21	+0.6	-3.5	+89	+7.1	-0.7	-3.8	+0.8	+5.0	-0.01	+9	+1.18	+0.92	+0.84	$160	$278
BNAD145	APR			49%	81%	79%	98%	98%	98%	98%	98%	98%	98%	97%	82%	96%	95%	95%	96%	93%	95%	90%	97%	95%	95%	93%		
NORC490				1	99	97	72	64	57	45	31	16	23	93	76	6	41	65	94	29	5	26	89	96	37	7	87	90
	Breed Average EBVs			**-0.05**	**+1.8**	**+2.7**	**-4.4**	**+4.0**	**+51**	**+92**	**+119**	**+102**	**+17**	**+2.2**	**-4.6**	**+67**	**+6.4**	**+0.0**	**-0.3**	**+0.5**	**+2.3**	**+0.22**	**+21**	**+0.84**	**+0.97**	**+1.02**	**+200**	**+344**

Angus Australia - Shear Force Research Breeding Values

Date: July 29, 2024

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
NORH708	**RENNYLEA H708** PV	-0.02	-7.0	+3.1	+1.2	+4.7	+47	+101	+129	+129	+12	+2.5	-3.1	+73	+12.4	-3.7	-6.5	+2.1	+7.1	+0.68	+21	+0.72	+0.68	+0.90	$216	$359
NORC511	APR	55%	93%	84%	98%	98%	98%	98%	98%	97%	97%	97%	80%	96%	95%	95%	95%	93%	95%	92%	98%	98%	98%	97%		
NORE176		60	95	50	99	66	68	23	28	14	85	36	83	35	5	98	99	1	1	90	48	25	4	15	35	41
NORK163	**RENNYLEA K163** PV	-0.20	+5.3	-7.3	-3.8	+2.5	+39	+73	+94	+66	+9	+0.7	-4.6	+60	+18.6	-0.1	-0.9	+2.6	+2.4	+0.18	+18	+0.66	+0.72	+1.02	$232	$343
NORH106	APR	49%	89%	79%	98%	98%	98%	98%	97%	97%	96%	95%	77%	95%	94%	94%	94%	91%	94%	88%	91%	90%	90%	87%		
NORE176		9	24	99	60	20	92	93	92	93	94	91	50	71	1	51	60	1	44	46	59	16	6	47	19	55
NORK835	**RENNYLEA K835** PV	-0.24	-4.3	-4.6	-2.0	+6.3	+47	+87	+112	+96	+11	+3.0	-3.7	+54	+10.1	+1.0	-1.1	+0.4	+4.2	-0.14	+10	+0.62	+1.08	+1.12	$182	$298
NORG420	APR	46%	83%	70%	98%	95%	96%	95%	95%	91%	89%	90%	65%	90%	89%	89%	89%	86%	90%	81%	92%	89%	89%	86%		
NORH514		5	90	96	84	91	66	66	65	59	88	21	72	85	14	27	63	53	11	16	87	11	75	77	72	83
NORK522	**RENNYLEA KODAK K522** SV	+0.10	+8.8	+9.0	-4.8	+1.4	+45	+83	+109	+110	+10	+4.6	-6.8	+51	+3.2	+3.1	+1.5	-0.3	+3.9	+0.23	+7	+0.62	+0.82	+0.96	$205	$385
NORE11	HBR	55%	94%	83%	99%	99%	98%	98%	98%	97%	97%	98%	74%	95%	93%	94%	94%	92%	94%	88%	96%	97%	97%	95%		
NORF810		90	4	3	43	8	75	75	72	36	92	3	10	89	84	5	21	87	15	52	94	11	17	28	47	22
NORL508	**RENNYLEA L508** PV	-0.13	+1.2	+7.8	-5.9	+2.6	+45	+85	+117	+92	+27	+1.4	-6.9	+56	+5.2	+1.1	+0.0	-0.1	+5.1	+0.68	+16	+0.68	+0.84	+0.88	$229	$376
USA17366506	HBR	42%	84%	78%	99%	99%	98%	98%	98%	98%	98%	98%	81%	96%	95%	95%	95%	93%	95%	89%	99%	98%	98%	97%		
NORH414		22	61	7	27	21	75	70	54	66	3	75	9	81	64	25	44	80	4	90	68	18	20	11	22	29
NORL683	**RENNYLEA L683** PV	-0.16	+2.3	+1.4	-4.4	+5.0	+55	+95	+119	+106	+5	+2.3	-6.0	+80	+4.7	+0.8	-1.2	+0.8	+2.3	+0.60	+24	+0.72	+0.88	+1.00	$225	$379
NORE11	APR	58%	84%	74%	98%	97%	96%	96%	96%	94%	92%	95%	69%	91%	90%	88%	91%	85%	91%	85%	95%	92%	92%	89%		
NORJ631		15	51	68	50	72	31	41	50	43	99	43	20	18	70	31	65	29	47	86	36	25	28	40	25	26
NORM1078	**RENNYLEA M1078** SV	-0.16	-5.4	-0.4	-1.9	+3.3	+41	+82	+101	+101	+11	+1.7	-4.7	+59	+10.4	-1.9	-5.3	+1.0	+7.8	+0.75	+11	+0.92	+1.02	+1.14	$200	$323
NORH708	APR	46%	79%	68%	97%	96%	95%	95%	95%	93%	89%	93%	65%	92%	91%	90%	91%	83%	92%	85%	94%	92%	92%	89%		
NORF563		15	93	81	85	34	89	77	84	51	88	65	48	75	12	87	98	20	1	93	86	66	62	81	54	70
NORP987	**RENNYLEA P987** PV	+0.11	+10.3	+9.6	-7.9	+1.4	+51	+98	+123	+128	+9	+0.4	-2.9	+74	+5.6	+3.3	+2.1	-1.0	+7.7	+0.95	+7	+0.88	+0.94	+1.06	$228	$414
NORM763	APR	42%	74%	64%	97%	97%	96%	95%	95%	92%	86%	93%	61%	89%	88%	88%	88%	80%	90%	81%	95%	92%	92%	88%		
NORM1184		92	1	2	8	8	51	33	40	15	95	95	85	32	59	4	15	98	1	97	94	58	42	60	23	8
NORQ1081	**RENNYLEA Q1081** PV	-0.01	-2.9	+5.0	-3.7	+3.9	+51	+90	+117	+104	+12	+3.4	-5.5	+50	+10.0	+0.3	-1.2	+0.7	+6.4	+0.77	+14	+0.84	+0.88	+0.90	$242	$386
NORH708	APR	44%	76%	66%	92%	93%	92%	91%	92%	87%	80%	88%	58%	81%	82%	82%	82%	77%	83%	80%	89%	87%	88%	83%		
NORL841		63	85	29	61	48	50	56	54	47	87	13	29	91	15	42	65	35	1	93	77	49	28	15	12	21
NORQ213	**RENNYLEA Q213** PV	-0.06	+9.4	+7.2	-7.1	+1.1	+66	+120	+151	+97	+24	+0.8	-9.9	+103	+8.8	+0.6	+0.1	+0.2	+3.2	+0.71	+28	+0.52	+0.72	+0.84	$341	$533
NORK907	APR	40%	80%	68%	97%	97%	97%	96%	96%	92%	85%	95%	58%	89%	87%	87%	87%	80%	89%	80%	96%	94%	94%	90%		
NORL110		45	3	11	14	6	4	3	5	58	8	90	1	1	23	35	42	65	26	91	22	4	6	7	1	1
NORR992	**RENNYLEA R992** PV	-0.07	+5.4	+6.6	+2.0	+1.3	+43	+83	+116	+85	+27	+1.7	-5.8	+69	+10.9	+1.7	+2.0	-0.1	+6.1	+1.14	+25	+0.62	+0.80	+0.84	$250	$400
NORN542	APR	41%	68%	59%	95%	95%	93%	92%	92%	87%	79%	90%	51%	80%	80%	80%	80%	74%	81%	67%	92%	75%	76%	74%		
NORM1034		41	23	15	99	7	82	75	57	76	3	65	24	45	10	16	15	80	1	99	31	11	14	7	8	14
TRHP52	**RICHMOND HILL PLAY P52** SV	-0.35	+4.8	+2.8	+0.1	+4.0	+52	+93	+116	+125	+12	+4.2	-6.4	+75	+11.2	-4.8	-2.9	+1.6	+3.0	-0.34	+32	+1.04	+1.04	+0.98	$229	$406
TRHL9	HBR	39%	72%	58%	93%	94%	92%	91%	92%	86%	76%	80%	53%	90%	89%	88%	89%	78%	91%	84%	87%	86%	86%	81%		
TRHH92		1	28	54	96	50	43	46	56	18	85	5	15	30	9	99	87	5	30	6	12	85	67	34	22	11
NZE14572019	**RISSINGTON SOVEREIGN Q485**	-0.04	+10.6	+9.2	-6.7	+0.9	+62	+113	+151	+124	+20	+3.0	-3.7	+89	+8.5	-1.7	-4.0	+0.0	+6.0	+0.26	-7	+0.94	+1.00	+1.08	$261	$450
HKFM103	HBR	41%	82%	61%	98%	98%	96%	88%	87%	83%	76%	80%	43%	77%	70%	71%	72%	63%	75%	62%	95%	65%	66%	63%		
NZE14572117009		52	1	3	18	5	8	6	5	19	27	21	72	6	26	84	95	76	2	55	99	70	58	66	4	2
	Breed Average EBVs	**-0.05**	**+1.8**	**+2.7**	**-4.4**	**+4.0**	**+51**	**+92**	**+119**	**+102**	**+17**	**+2.2**	**-4.6**	**+67**	**+6.4**	**+0.0**	**-0.3**	**+0.5**	**+2.3**	**+0.22**	**+21**	**+0.84**	**+0.97**	**+1.02**	**+200**	**+344**

Angus Australia - Shear Force Research Breeding Values

Date: July 29, 2024

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
USA16396573	**S A V CAMARO 9272** [SV]	-0.41	+4.2	+0.3	-6.8	+3.6	+49	+79	+99	+102	+9	+1.2	-6.1	+41	+0.3	-0.3	-2.4	+0.9	+1.6	+1.09	+20	+1.08	+0.84	+0.82	$180	$322
USA0035	HBR	70%	86%	73%	97%	97%	96%	96%	96%	93%	94%	91%	62%	93%	91%	91%	91%	84%	92%	84%	87%	86%	86%	78%		
USA15688516		1	33	76	17	41	59	84	87	49	96	81	19	98	97	56	82	24	66	99	50	89	20	5	74	70
NZE21159019	**SEVEN HILLS 312/19** [PV]	+0.04	+1.9	+4.8	-7.5	+3.4	+52	+94	+121	+92	+20	-0.9	-2.0	+71	+8.4	-4.2	-5.2	+1.0	+3.9	+1.28	+6	+1.04	+0.96	+1.06	$211	$339
USA18217198	HBR	39%	76%	65%	93%	92%	90%	89%	91%	86%	78%	81%	50%	79%	79%	80%	80%	74%	80%	81%	87%	86%	86%	81%		
NZE21159117053		78	55	31	11	36	45	42	45	66	24	99	94	39	27	99	98	20	15	99	94	85	47	60	41	58
APBK11	**SHACORRAHDALU KINETIC K11**	+0.03	+9.8	+10.1	-9.1	+0.4	+49	+88	+104	+95	+11	+4.6	-6.6	+65	+10.5	+3.5	+2.2	+0.8	+2.1	+0.84	+1	+0.98	+1.16	+1.08	$243	$418
VTMB1	HBR	49%	78%	70%	93%	92%	91%	90%	91%	87%	83%	84%	64%	86%	84%	84%	85%	77%	86%	78%	86%	82%	81%	78%		
APBF2		75	2	1	4	3	58	61	81	60	90	3	12	58	12	3	14	29	52	95	99	76	88	66	12	7
APB21S24	**SHACORRAHDALU PHOENIX**	+0.10	+8.3	+5.0	-8.1	-0.6	+55	+101	+134	+87	+25	+2.8	-7.9	+89	+4.6	+2.5	+4.2	-0.2	+2.0	+0.89	+13	+0.94	+1.14	+1.10	$272	$441
USA18636106	HBR	46%	75%	64%	93%	91%	89%	87%	86%	83%	79%	84%	51%	78%	74%	74%	75%	67%	77%	69%	86%	74%	74%	69%		
APBJ23		90	6	29	7	1	29	25	20	73	6	27	4	6	71	9	3	84	55	96	78	70	85	72	2	3
APBR5	**SHACORRAHDALU ROYALE R5**	-0.13	+7.8	+7.2	-6.7	+2.1	+48	+92	+114	+65	+23	+2.5	-6.8	+68	+9.1	+3.5	+4.2	+0.2	+3.3	+1.03	+10	+0.86	+1.04	+0.74	$277	$427
TFAK132	HBR	42%	76%	65%	93%	93%	91%	90%	90%	85%	78%	86%	53%	79%	79%	79%	79%	73%	79%	79%	87%	88%	87%	83%		
HBUP80		22	8	11	18	14	64	49	62	93	10	36	10	47	21	3	3	65	24	98	87	54	67	2	2	5
SYAN340	**STONEY POINT NOLTE N340** [SV]	+0.22	-0.7	-7.3	-6.0	+6.2	+72	+128	+165	+162	+16	+3.5	-2.7	+107	+5.7	-3.1	-5.1	+0.8	+2.8	-0.14	+4	+0.96	+0.92	+1.22	$212	$389
SYAL178	HBR	39%	77%	66%	96%	96%	95%	96%	96%	93%	87%	93%	59%	88%	87%	87%	87%	79%	89%	77%	88%	89%	90%	84%		
SGMK250		99	74	99	26	90	1	1	1	2	55	12	88	1	58	96	98	29	34	16	97	73	37	93	40	20
SYAP147	**STONEY POINT PERRY P147** [PV]	+0.13	+5.0	+1.7	-4.7	+4.7	+57	+104	+134	+112	+22	+1.8	-7.2	+96	+9.8	-1.1	-0.6	+0.4	+3.8	-0.16	+5	+0.86	+0.78	+0.66	$267	$440
USA17936442	HBR	44%	74%	61%	93%	93%	92%	91%	91%	87%	79%	86%	56%	88%	87%	87%	88%	78%	90%	80%	88%	84%	84%	76%		
SWAH233		94	26	65	45	66	24	18	20	34	17	62	7	3	16	73	54	53	16	14	95	54	11	1	3	3
NZE19507018	**STORTH OAKS FULLY LOADED**	-0.10	+8.0	+6.8	-11.4	+1.2	+45	+88	+135	+134	+20	+3.3	-7.0	+65	+2.6	+0.9	+0.3	-0.5	+3.5	+0.85	+32	+0.50	+0.76	+1.04	$189	$380
NORL508	HBR	45%	76%	65%	97%	97%	95%	95%	95%	88%	82%	93%	59%	89%	88%	88%	89%	80%	90%	83%	93%	86%	86%	83%		
NZE19507113J320		31	7	13	1	6	75	62	19	11	28	15	9	57	88	29	38	92	21	95	13	3	9	53	65	25
NZE19507013	**STORTH OAKS JACK J7** [SV]	-0.23	+5.1	+7.8	-4.8	+4.5	+61	+113	+152	+144	+18	+3.5	-1.0	+81	+8.1	-0.1	-2.9	-0.3	+2.4	-0.01	+19	+1.00	+0.98	+0.88	$180	$361
VTME343	HBR	42%	89%	79%	98%	98%	97%	97%	97%	95%	95%	96%	70%	94%	93%	92%	93%	90%	93%	86%	96%	93%	93%	89%		
NZE19507111G183		6	25	7	43	62	11	6	4	6	43	12	98	16	30	51	87	87	44	26	56	79	53	11	74	40
VSNG34	**STRATHEWEN BERKLEY G34** [PV]	+0.22	+7.4	+7.7	-6.6	+3.5	+57	+108	+142	+147	+19	+2.4	-7.3	+82	+5.9	+1.0	+0.1	+0.3	+1.8	-0.08	+30	+1.12	+1.26	+1.10	$232	$442
VTMB1	HBR	48%	84%	75%	95%	94%	93%	92%	93%	91%	89%	87%	68%	91%	90%	89%	90%	86%	91%	85%	89%	88%	88%	84%		
VSNE22		99	9	8	19	38	24	12	10	5	37	39	6	14	55	27	42	59	61	20	17	92	96	72	19	2
USA17236055	**SYDGEN BLACK PEARL 2006** [PV]	-0.05	+2.0	+7.9	-7.1	+3.2	+51	+86	+123	+87	+21	+1.6	-3.6	+74	+8.6	+0.6	+0.1	+0.4	+2.6	+0.27	+15	+1.02	+1.18	+1.14	$214	$348
USA15354674	HBR	38%	98%	93%	99%	99%	99%	99%	99%	98%	99%	99%	89%	98%	97%	97%	97%	96%	97%	92%	99%	99%	99%	98%		
USA16214508		49	54	7	14	32	47	69	40	73	20	69	74	32	25	35	42	53	39	56	72	82	90	81	37	51
VTMA149	**TE MANIA ADA A149** [PV]	-0.03	-6.6	-1.5	-3.2	+6.6	+53	+97	+130	+171	+10	+2.0	-1.9	+83	+3.0	-3.3	-2.0	+1.4	-0.4	-0.68	+26	+0.88	+0.74	+0.78	$95	$250
VTMX60	HBR	58%	97%	91%	99%	99%	99%	99%	99%	98%	98%	98%	86%	97%	96%	97%	97%	96%	96%	91%	97%	97%	97%	96%		
VTMU338		56	95	87	69	93	38	34	26	1	94	54	94	13	85	97	77	8	98	1	27	58	7	3	99	95
VTMK52	**TE MANIA KALIBROOK K52** [PV]	-0.02	+7.8	+5.5	-3.1	+1.5	+51	+103	+128	+102	+30	+1.7	-5.8	+71	+3.3	+0.5	+2.2	-0.6	+5.4	+1.48	+9	+1.18	+1.08	+1.12	$250	$422
USA16295688	HBR	39%	78%	70%	94%	95%	92%	92%	91%	87%	83%	87%	65%	87%	86%	84%	87%	82%	88%	79%	87%	89%	89%	86%		
VTMH423		60	8	24	70	8	47	20	30	49	1	65	24	39	83	37	14	94	3	99	90	96	75	77	8	6
	Breed Average EBVs	**-0.05**	**+1.8**	**+2.7**	**-4.4**	**+4.0**	**+51**	**+92**	**+119**	**+102**	**+17**	**+2.2**	**-4.6**	**+67**	**+6.4**	**+0.0**	**-0.3**	**+0.5**	**+2.3**	**+0.22**	**+21**	**+0.84**	**+0.97**	**+1.02**	**+200**	**+344**

Angus Australia - Shear Force Research Breeding Values

Date: July 29, 2024

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
VTMK138	**TE MANIA KIRBY K138 PV**			+0.00	+0.3	+7.8	-1.3	+4.6	+52	+89	+118	+97	+19	+2.5	-9.4	+66	+5.8	+1.4	+3.2	-1.6	+8.4	+1.05	+14	+0.78	+0.74	+0.94	$274	$438
USA16295688		HBR		37%	88%	79%	99%	99%	98%	98%	98%	98%	97%	98%	81%	97%	96%	96%	97%	94%	96%	88%	99%	99%	99%	99%		
VTMH17				66	68	7	90	64	43	58	52	58	37	36	1	55	57	20	7	99	1	99	76	36	7	23	2	3
VTMN424	**TE MANIA NEBO N424 PV**			-0.26	+9.4	+0.4	-6.7	+4.2	+54	+101	+133	+104	+28	+4.4	-4.0	+58	+7.0	-1.0	-4.1	+0.4	+3.9	-0.15	+46	+0.90	+0.84	+0.94	$213	$367
VTMJ89		HBR		40%	89%	82%	98%	98%	98%	98%	98%	97%	96%	97%	66%	96%	96%	94%	96%	88%	94%	83%	98%	98%	98%	97%		
VTMJ214				4	3	76	18	55	35	24	22	47	2	4	65	77	42	71	95	53	15	15	1	62	20	23	39	36
VTMN1387	**TE MANIA NEON N1387 SV**			-0.20	-0.1	+4.5	-6.0	+3.6	+48	+87	+105	+95	+18	+1.4	-8.4	+48	+2.3	-0.1	-1.7	-1.6	+8.9	-0.03	+25	+0.72	+0.80	+0.98	$232	$382
VTMK138		HBR		40%	81%	70%	98%	98%	97%	97%	97%	94%	87%	96%	58%	89%	89%	87%	89%	81%	88%	83%	97%	97%	97%	95%		
VTML452				9	70	35	26	41	64	66	78	60	42	75	2	93	90	51	73	99	1	24	30	25	14	34	19	24
VTMP888	**TE MANIA PESO P888 PV**			-0.20	+8.2	+6.2	-5.2	+1.9	+56	+113	+143	+118	+26	+2.1	-6.0	+90	+5.5	-0.4	+1.2	+0.6	+1.4	-0.02	+23	+0.84	+1.10	+0.96	$251	$438
VTMK226		HBR		41%	85%	75%	98%	97%	97%	97%	97%	95%	92%	92%	63%	93%	92%	91%	92%	84%	92%	82%	95%	94%	94%	91%		
VTMH423				9	6	18	37	12	26	6	9	26	4	50	20	6	60	58	24	41	72	25	37	49	79	28	8	3
VTMQ854	**TE MANIA QUEBEC Q854 SV**			-0.05	+8.5	+3.7	-2.6	+1.3	+53	+93	+121	+80	+25	+1.3	-3.1	+61	+4.0	+1.0	+2.3	-0.5	+4.0	+0.67	+28	+0.60	+0.76	+0.72	$226	$365
USA18229488		HBR		37%	85%	67%	98%	98%	97%	97%	97%	91%	83%	95%	51%	82%	85%	84%	83%	77%	84%	84%	97%	97%	97%	95%		
VTML1244				49	5	44	77	7	41	48	44	82	5	78	83	70	77	27	13	92	13	89	20	9	9	1	24	37
VTMR970	**TE MANIA RESOLUTION R970 PV**			-0.09	+1.6	+4.7	-4.4	+3.5	+58	+107	+136	+100	+23	+2.2	-6.4	+78	+10.3	-0.1	+0.0	+0.9	+2.6	-0.05	+24	+0.74	+0.92	+1.20	$272	$432
VTMP149		HBR		39%	74%	60%	94%	94%	90%	86%	85%	83%	76%	80%	43%	75%	70%	71%	72%	62%	74%	62%	87%	76%	77%	73%		
VTMP287				34	57	33	50	38	20	13	17	53	11	47	15	21	13	51	44	24	39	22	36	28	37	91	2	4
DXTR725	**TEXAS ICEMAN R725 PV**			-0.20	-1.7	+1.4	-4.1	+3.8	+54	+99	+123	+99	+12	+2.4	-3.8	+74	+12.9	+3.2	+4.4	+0.4	+2.0	+0.20	+39	+1.28	+0.96	+0.62	$227	$367
USA18962396		HBR		37%	80%	61%	98%	98%	97%	97%	95%	87%	79%	95%	52%	82%	83%	83%	83%	77%	83%	66%	95%	87%	87%	84%		
DXTH647				9	80	68	55	45	36	29	40	54	87	39	70	31	4	5	3	53	55	48	4	99	47	1	24	35
DBLL292	**TOPBOS LEADING EDGE L292 PV**			+0.08	+2.1	+7.3	-5.8	+6.6	+73	+126	+164	+147	+22	+1.4	-3.9	+84	+4.1	-2.7	-5.3	+0.2	+1.4	+0.05	+21	+0.94	+0.76	+0.80	$225	$411
USA16295688		HBR		40%	89%	75%	98%	98%	97%	97%	97%	95%	95%	97%	69%	93%	92%	90%	92%	87%	92%	86%	97%	92%	92%	88%		
VSNF04				87	53	10	28	93	1	1	2	5	14	75	67	12	76	94	98	65	72	32	48	70	9	4	25	9
NZE17691009	**TURIHAUA CRUMP E5 SV**			+0.06	-1.6	-2.2	-5.8	+3.3	+29	+59	+85	+93	+14	+1.2	-10.2	+17	-0.2	+5.2	+3.4	-0.2	+1.4	+0.46	+28	+0.60	+1.18	+1.18	$138	$268
NZE17691003Y167		HBR		41%	93%	86%	97%	98%	98%	98%	98%	97%	97%	97%	89%	95%	95%	95%	95%	94%	95%	88%	90%	84%	84%	79%		
NZE17691195Q263				83	79	90	28	34	99	99	97	64	75	81	1	99	98	1	6	84	72	75	22	9	90	89	95	92
USA18066037	**V A R LEGEND 5019 SV**			+0.00	-4.1	+5.0	-6.2	+5.3	+69	+122	+147	+158	+7	+2.7	-3.6	+88	+9.5	-3.8	-6.0	+1.3	+2.0	-0.30	+17	+1.04	+0.68	+0.88	$211	$391
USA17262835		HBR		37%	80%	68%	96%	96%	94%	94%	93%	90%	88%	90%	61%	90%	88%	87%	87%	80%	90%	80%	89%	97%	96%	81%		
USA16924432				66	89	29	23	78	2	2	7	3	98	29	74	8	18	99	99	10	55	8	66	85	4	11	40	18
NZE18954020	**WAITANGI R257 PV**			-0.15	+0.4	-0.8	-6.4	+3.6	+52	+92	+124	+105	+26	+3.2	-7.8	+68	+8.4	-0.1	-1.3	+0.0	+5.5	+1.40	+17	+0.84	+0.72	+0.94	$242	$395
NZE21159016327		HBR		39%	68%	58%	95%	95%	94%	90%	90%	85%	77%	84%	47%	79%	76%	77%	77%	70%	78%	64%	89%	76%	78%	68%		
NZE18954118P105				17	67	83	21	41	43	49	38	45	4	17	4	50	27	51	67	76	3	99	65	49	6	23	12	16
BSCF73	**WAITARA PIO FEDERAL F73 SV**			+0.14	+4.5	+4.8	-4.3	+1.6	+56	+104	+135	+92	+25	+2.6	-2.9	+88	+5.8	-0.2	+0.1	+0.2	+1.5	+0.29	+11	+1.36	+1.22	+0.98	$217	$362
USA15688392		HBR		77%	90%	77%	98%	98%	97%	98%	97%	96%	96%	97%	70%	95%	94%	94%	94%	89%	94%	88%	96%	95%	95%	92%		
BSCZ66				95	30	31	51	9	26	19	18	66	6	32	85	7	57	53	42	65	69	59	84	99	93	34	34	39
BSCP90	**WAITARA PRINCETON P90 PV**			-0.06	+0.1	+5.1	-2.0	+3.7	+48	+93	+124	+75	+25	+2.4	-4.0	+80	+7.3	+0.0	+0.1	-0.2	+3.8	+0.62	+34	+0.60	+0.80	+1.08	$215	$340
GTNM6		HBR		40%	73%	63%	96%	95%	95%	95%	94%	91%	84%	92%	56%	89%	88%	87%	88%	80%	90%	81%	92%	92%	92%	89%		
BSCJ2				45	69	28	84	43	64	46	39	87	7	39	65	18	38	49	42	84	16	87	9	9	14	66	36	58
		Breed Average EBVs		**-0.05**	**+1.8**	**+2.7**	**-4.4**	**+4.0**	**+51**	**+92**	**+119**	**+102**	**+17**	**+2.2**	**-4.6**	**+67**	**+6.4**	**+0.0**	**-0.3**	**+0.5**	**+2.3**	**+0.22**	**+21**	**+0.84**	**+0.97**	**+1.02**	**+200**	**+344**

Angus Australia - Shear Force Research Breeding Values

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
LEJ21S102	**WALLAWONG SAFE & SOUND**	+0.10	+6.5	+3.3	-6.2	+4.5	+49	+86	+111	+92	+18	+2.0	-2.9	+64	+6.8	-1.3	-1.4	+0.6	+4.1	+0.41	+13	+0.58	+0.76	+1.12	$209	$348
NJWN498	HBR	37%	73%	60%	92%	90%	89%	85%	85%	82%	76%	80%	44%	75%	70%	71%	72%	63%	74%	62%	84%	68%	68%	65%		
ASHL24		90	15	48	23	62	61	67	67	66	40	54	85	62	44	77	68	41	12	71	78	7	9	77	43	51
QKBP29	**WARRAWEE PATROL P29** PV	+0.04	+6.8	+10.8	-12.0	+3.1	+55	+104	+139	+132	+19	+2.2	-9.3	+99	+9.2	+3.5	+1.8	+0.4	+1.8	+0.75	+28	+0.82	+1.20	+1.00	$266	$477
SMPG357	HBR	46%	79%	70%	96%	94%	93%	91%	90%	88%	82%	87%	64%	86%	84%	84%	85%	78%	86%	78%	88%	77%	78%	73%		
QKBM01		78	13	1	1	30	31	19	13	12	34	47	1	2	20	3	17	53	61	93	21	45	92	40	3	1
NWPG188	**WATTLETOP FRANKLIN G188** SV	+0.13	+4.1	+6.4	-4.4	+2.3	+64	+109	+141	+116	+25	+3.8	-3.4	+83	+1.1	-1.4	-2.2	-0.2	+0.5	-1.20	+32	+1.10	+0.96	+0.96	$190	$354
USA15462648	HBR	40%	96%	87%	99%	99%	98%	98%	98%	98%	98%	98%	77%	96%	95%	95%	95%	93%	94%	88%	97%	96%	96%	94%		
NWPE295		94	34	16	50	17	6	10	12	28	6	8	78	13	95	79	80	84	90	1	11	91	47	28	64	46
CWDJ17	**WEATHERLY JAMES J17** SV	-0.25	-3.7	-3.9	-3.2	+6.0	+49	+83	+110	+117	+3	+1.4	-4.1	+65	+8.4	+1.1	+2.3	+1.1	+3.4	-0.01	+5	+0.86	+1.24	+1.04	$195	$327
BNAD145	HBR	49%	79%	72%	93%	93%	92%	92%	93%	89%	87%	86%	67%	90%	89%	89%	90%	85%	91%	84%	87%	87%	87%	81%		
CWDF14		4	88	94	69	87	59	75	69	27	99	75	63	57	27	25	13	16	22	26	96	54	95	53	60	67
CWDM5	**WEATHERLY MOXY M5** SV	-0.35	+3.7	+7.3	-4.6	+4.0	+55	+98	+131	+114	+28	+2.6	-5.7	+89	+7.3	+2.3	-0.5	+0.6	+2.3	+0.19	+20	+0.96	+1.04	+0.94	$229	$396
SMPG357	HBR	43%	79%	69%	93%	95%	94%	94%	94%	93%	89%	89%	60%	85%	83%	84%	84%	79%	84%	72%	91%	91%	91%	82%		
CWDJ15		1	38	10	46	50	29	32	25	31	3	32	26	7	38	10	52	41	47	47	50	73	67	23	22	15
	Breed Average EBVs	**-0.05**	**+1.8**	**+2.7**	**-4.4**	**+4.0**	**+51**	**+92**	**+119**	**+102**	**+17**	**+2.2**	**-4.6**	**+67**	**+6.4**	**+0.0**	**-0.3**	**+0.5**	**+2.3**	**+0.22**	**+21**	**+0.84**	**+0.97**	**+1.02**	**+200**	**+344**

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