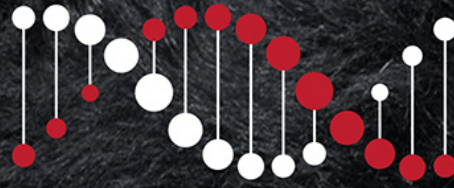


# TACE



TransTasman Angus Cattle Evaluation

## Shear Force

### RESEARCH BREEDING VALUES

MID MARCH 2025

## 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.

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## 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.

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# Angus Australia - Shear Force Research Breeding Values

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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	
<b>NXOL172</b> NXOF43 NXOJ432	<b>AJC L172</b> <sup>SV</sup> APR	-0.07 35% 38	+6.8 77% 16	+8.1 63% 8	-6.1 94% 26	+3.0 96% 29	+58 94% 22	+100 94% 32	+137 94% 19	+127 88% 17	+14 90% 72	+2.1 84% 52	-5.1 55% 42	+72 91% 42	+6.6 89% 48	-0.5 84% 62	+0.4 89% 38	+0.3 82% 53	+1.1 91% 81	-0.95 83% 1	+22 85% 47	+1.46 85% 99	+1.30 85% 98	+1.18 81% 89	\$214 43	\$394 21	
<b>ARRR11</b> CAN2043806 QMUN24	<b>ALKIRA RENEGADE R11</b> <sup>PV</sup> HBR	+0.27 37% 99	+7.4 67% 12	+6.6 57% 18	-4.2 96% 55	+2.2 94% 16	+44 92% 82	+94 92% 48	+128 90% 35	+99 85% 57	+26 77% 6	+2.3 86% 44	-7.5 45% 6	+61 78% 72	+9.1 77% 22	+2.2 78% 11	+1.8 78% 18	+0.0 71% 70	+2.1 79% 57	+0.24 63% 51	+0 87% 99	+0.76 67% 33	+0.72 67% 6	+0.90 59% 16	\$225 31	\$393 22	
<b>DGJG10</b> VTMB1 DGJZ15	<b>ALLOURA GET CRACKING G10</b> <sup>SV</sup> HBR	-0.05 48% 45	+8.1 95% 8	+7.7 86% 10	-2.9 99% 75	+2.6 99% 22	+43 98% 85	+74 98% 93	+85 98% 98	+84 98% 79	+12 97% 85	-0.4 97% 99	-7.9 77% 4	+45 96% 96	+14.3 94% 2	+1.5 94% 20	+0.5 95% 37	+0.8 91% 24	+5.8 93% 2	+0.47 89% 75	+5 97% 96	+0.46 96% 2	+0.98 96% 54	+0.92 94% 20	\$264 5	\$416 10	
<b>DGJL94</b> USA15832750 DGJH24	<b>ALLOURA LOCK STOCK &amp;</b> HBR	-0.09 41% 31	+5.8 79% 23	+1.4 72% 71	-4.2 93% 55	+2.8 96% 26	+57 94% 27	+94 94% 49	+124 94% 43	+121 91% 22	+11 87% 89	+1.1 88% 85	-3.9 54% 71	+65 89% 60	+0.8 84% 96	+2.2 81% 11	-1.3 86% 68	+0.2 77% 59	+1.9 87% 62	-0.38 78% 5	+25 93% 35	+0.84 84% 50	+0.86 82% 25	+0.92 77% 20	\$184 75	\$343 62	
<b>DGJQ30</b> WWEL3 DGJK117	<b>ALLOURA QUINELLA Q30</b> <sup>SV</sup> HBR	-0.09 42% 31	+2.0 73% 58	+2.0 66% 66	+0.5 94% 98	+2.9 93% 27	+53 91% 46	+96 91% 41	+117 92% 58	+120 86% 24	+14 79% 76	+3.4 83% 14	-7.3 61% 8	+64 89% 65	+14.2 88% 2	+0.1 87% 48	+0.5 88% 37	+0.8 79% 24	+7.4 90% 1	+0.44 82% 72	+16 88% 72	+0.90 85% 62	+1.00 86% 59	+1.16 81% 86	\$283 1	\$460 2	
<b>CGKR232</b> NORN542 CGKM152	<b>ALPINE RONALDO R232</b> <sup>PV</sup> HBR	-0.14 42% 17	+8.0 75% 9	+7.5 62% 11	-5.7 96% 32	+1.7 94% 11	+53 92% 46	+98 92% 36	+136 88% 20	+115 85% 31	+26 78% 6	+3.0 85% 22	-5.1 51% 42	+80 79% 21	+11.4 77% 8	-3.5 78% 98	-3.3 78% 91	+0.7 71% 29	+3.4 79% 27	+0.21 67% 48	+25 88% 33	+0.60 78% 10	+0.68 78% 4	+0.98 75% 36	\$228 28	\$398 18	
<b>WJMM117</b> WJMF96 WJMG78	<b>ARDCAIRNIE M117</b> <sup>SV</sup> HBR	-0.08 50% 34	+6.2 77% 20	+0.0 66% 81	-5.7 93% 32	+3.7 96% 45	+55 95% 35	+98 94% 37	+129 94% 32	+141 90% 7	+3 87% 99	+3.1 90% 19	-5.3 57% 38	+75 86% 34	+10.2 85% 14	-1.0 85% 73	-1.8 86% 76	+1.5 78% 5	+0.5 87% 91	+0.12 76% 38	+12 83% 84	+0.84 81% 50	+0.98 81% 54	+0.94 77% 25	\$198 63	\$379 31	
<b>NAQA241</b> USA2928 NAQW38	<b>ARDROSSAN EQUATOR A241</b> <sup>PV</sup> HBR	-0.01 81% 60	-1.3 99% 81	+3.0 98% 56	-4.4 99% 52	+4.1 99% 54	+49 99% 61	+91 99% 57	+121 99% 49	+108 99% 41	+20 99% 29	+3.2 99% 17	-8.9 95% 2	+87 99% 9	+8.2 98% 30	-2.0 98% 89	-0.3 98% 51	+1.2 98% 10	+1.6 98% 69	+0.65 96% 87	+25 99% 34	+0.48 99% 3	+0.84 99% 22	+1.00 99% 43	\$230 26	\$388 25	
<b>NAQN329</b> NAQH318 NAQK30	<b>ARDROSSAN HOLBROOK N329</b> HBR	-0.05 51% 45	-7.4 72% 97	+0.3 67% 79	-3.0 96% 74	+2.7 95% 24	+47 95% 73	+85 94% 74	+110 90% 72	+75 88% 88	+24 91% 9	+2.4 86% 4	-7.8 59% 5	+71 91% 43	+5.4 89% 63	+2.4 89% 9	+2.3 90% 13	-0.9 82% 96	+3.9 91% 18	+1.10 83% 99	+14 90% 79	+0.84 81% 50	+1.02 87% 64	+0.92 83% 20	\$205 54	\$320 77	
<b>NAQH255</b> NORE11 NAQD17	<b>ARDROSSAN HONOUR H255</b> <sup>PV</sup> HBR	+0.09 60% 88	-2.1 96% 84	-1.0 89% 86	-2.6 99% 79	+4.6 99% 66	+43 98% 85	+75 98% 93	+97 98% 91	+93 98% 65	+13 98% 82	+2.2 98% 48	-6.1 85% 22	+61 97% 73	+5.7 96% 59	+1.0 96% 28	-1.4 96% 70	+0.6 95% 35	+2.4 96% 49	+1.00 92% 98	+9 98% 91	+0.44 97% 2	+1.00 97% 59	+1.24 96% 96	\$169 86	\$293 88	
<b>NAQQ67</b> NMMN334 NAQL96	<b>ARDROSSAN NECTAR Q67</b> <sup>PV</sup> HBR	+0.07 43% 84	+6.0 79% 22	+6.6 66% 18	-9.3 93% 3	+3.4 95% 38	+54 94% 37	+98 93% 35	+129 94% 31	+131 88% 13	+12 83% 85	+2.9 82% 24	-6.7 57% 14	+53 88% 88	+5.0 88% 68	+1.7 87% 17	-0.3 88% 51	-0.4 79% 86	+2.7 89% 42	+0.09 80% 35	+35 91% 10	+0.36 89% 1	+0.80 90% 15	+1.02 83% 49	\$205 55	\$392 22	
<b>QQFH147</b> VTME343 NMMF123	<b>ASCOT HALLMARK H147</b> <sup>PV</sup> HBR	-0.31 43% 1	-3.1 96% 88	+1.7 88% 69	-5.0 99% 42	+7.1 99% 97	+60 98% 16	+110 98% 11	+152 98% 5	+137 98% 9	+15 98% 71	+3.8 98% 8	-6.1 80% 22	+80 96% 20	-1.5 95% 99	+0.7 96% 34	-0.3 96% 51	-0.8 94% 95	+3.3 95% 29	+0.37 90% 65	+18 97% 62	+0.48 95% 3	+0.88 95% 30	+1.02 93% 49	\$199 61	\$368 40	
<b>HIOE7</b> VTMB219 BVBV32	<b>AYRVALE BARTEL E7</b> <sup>PV</sup> HBR	-0.10 83% 28	+8.8 99% 5	+9.3 97% 3	-4.4 99% 52	+1.8 99% 12	+49 99% 62	+86 99% 71	+113 99% 68	+76 99% 87	+26 99% 6	+2.5 99% 37	-9.1 94% 1	+63 98% 66	+8.3 98% 29	-0.4 98% 60	+0.6 98% 35	+1.1 98% 13	+3.6 98% 23	+0.26 96% 53	+4 99% 97	+1.04 99% 85	+1.00 99% 59	+1.14 99% 82	\$287 1	\$444 3	
<b>Breed Average EBVs</b>		<b>-0.04</b>	<b>+2.3</b>	<b>+3.1</b>	<b>-4.6</b>	<b>+3.9</b>	<b>+52</b>	<b>+93</b>	<b>+121</b>	<b>+103</b>	<b>+17</b>	<b>+2.2</b>	<b>-4.8</b>	<b>+69</b>	<b>+6.6</b>	<b>+0.1</b>	<b>-0.2</b>	<b>+0.4</b>	<b>+2.5</b>	<b>+0.24</b>	<b>+21</b>	<b>+0.84</b>	<b>+0.96</b>	<b>+1.02</b>	<b>+206</b>	<b>+353</b>	

# Angus Australia - Shear Force Research Breeding Values

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Ident	Name		Calv-Ease		Birth		Growth			Maternal			Fert		Carcase					Feed	Temp	Structural			Selection Index	
Sire 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
<b>NBB21S86</b> NMMMP15 NBBQ25	<b>BALD BLAIR STIRLING S86</b> <sup>PV</sup> HBR	-0.03 39% 53	+6.4 74% 18	+9.3 64% 3	-4.2 96% 55	+2.5 95% 20	+64 93% 7	+108 92% 15	+143 88% 11	+117 85% 28	+20 78% 31	+3.8 81% 8	-5.0 49% 45	+92 79% 5	+5.8 75% 58	-2.3 76% 92	-3.6 76% 93	+0.1 70% 65	+3.7 77% 21	-0.32 65% 7	+4 90% 97	+0.74 71% 29	+0.70 71% 5	+1.10 69% 73	\$244 14	\$421 8
<b>VONN462</b> VONJ507 VONK224	<b>BANQUET NUTTELLA N462</b> <sup>PV</sup> HBR	-0.04 42% 49	-2.6 82% 86	+2.3 67% 63	-4.3 96% 54	+7.1 98% 97	+56 96% 29	+104 96% 21	+142 90% 12	+110 86% 38	+24 86% 11	+3.4 94% 14	-4.8 57% 50	+69 89% 49	+3.7 88% 81	+0.0 87% 50	-1.5 88% 72	+0.1 81% 65	+1.2 89% 79	-0.29 78% 8	+56 95% 1	+0.54 78% 5	+0.92 79% 39	+0.80 73% 5	\$189 71	\$332 70
<b>NBNN239</b> USA16956101 NBNH215	<b>BEN NEVIS NEWSFLASH N239</b> <sup>PV</sup> HBR	-0.22 39% 5	+0.0 85% 73	+3.2 74% 54	-4.3 97% 54	+4.8 98% 70	+58 96% 22	+98 97% 36	+133 97% 24	+116 94% 29	+18 92% 42	+0.8 93% 90	-2.7 63% 90	+84 92% 14	+5.3 91% 64	-2.2 91% 91	+0.0 91% 45	+0.4 85% 47	+1.4 92% 74	+0.25 84% 52	+10 91% 88	+1.00 93% 80	+0.94 93% 44	+0.88 90% 13	\$191 69	\$334 68
<b>NBNP122</b> USA17960722 NBNM115	<b>BEN NEVIS PRIME P122</b> <sup>PV</sup> HBR	+0.07 42% 84	+4.5 78% 35	+6.9 68% 16	+0.1 94% 97	+2.4 95% 19	+57 93% 28	+86 93% 71	+112 87% 69	+77 84% 86	+12 87% 87	+3.1 87% 19	-3.8 57% 73	+60 82% 74	+5.2 81% 66	+1.1 82% 26	+1.9 82% 17	-0.6 76% 92	+4.9 82% 7	+0.30 69% 58	+25 84% 35	+0.70 88% 22	+0.74 88% 8	+0.96 84% 31	\$235 21	\$370 39
<b>NBNR138</b> USA17960722 NBNP153	<b>BEN NEVIS RONAN R138</b> <sup>PV</sup> HBR	+0.12 38% 92	+4.7 76% 33	+6.3 67% 21	-8.3 88% 7	+3.4 90% 38	+72 90% 1	+120 90% 3	+148 89% 8	+142 85% 7	+12 79% 84	+2.2 82% 48	-4.7 55% 52	+81 79% 18	+8.8 76% 24	-1.2 77% 77	-2.0 77% 79	+0.6 71% 35	+1.3 79% 76	-0.01 69% 25	+29 84% 22	+0.76 85% 33	+0.86 87% 25	+0.92 83% 20	\$250 10	\$444 3
<b>NGXQ227</b> VLYM518 NGXN221	<b>BONGONGO BE QUICK Q227</b> <sup>PV</sup> HBR	-0.12 41% 22	+4.9 72% 31	+2.6 66% 60	-4.4 97% 52	+2.9 97% 27	+50 95% 58	+91 94% 59	+114 93% 66	+65 90% 94	+23 82% 13	+3.8 85% 8	-6.5 61% 16	+66 90% 60	+11.5 89% 8	+0.6 89% 36	+2.8 90% 10	+0.1 81% 65	+5.8 91% 2	+1.14 82% 99	+18 91% 61	+0.64 86% 14	+1.06 86% 72	+1.14 83% 82	\$284 1	\$423 7
<b>NGXP212</b> NORL508 NGXL13	<b>BONGONGO P212</b> <sup>PV</sup> HBR	-0.08 39% 34	+6.1 71% 21	+9.5 63% 3	-7.0 96% 16	+2.2 96% 16	+47 95% 73	+87 95% 69	+104 94% 84	+82 92% 81	+23 86% 14	+3.8 87% 8	-9.4 61% 1	+55 89% 85	+3.9 89% 80	+3.3 88% 4	+5.7 89% 1	-1.0 82% 97	+4.8 90% 7	+0.93 81% 97	+9 86% 90	+0.82 85% 45	+0.84 85% 22	+0.96 81% 31	\$259 6	\$426 7
<b>NUIF32</b> NGMC196 NUID96	<b>BONNY BROOKE FALCO F32</b> <sup>SV</sup> HBR	+0.08 46% 86	-4.2 67% 91	-10.5 55% 99	-0.1 91% 97	+6.1 89% 90	+54 91% 40	+84 89% 78	+109 91% 76	+93 84% 66	+18 78% 41	-0.4 77% 99	-2.1 52% 95	+65 84% 61	-2.2 82% 99	+2.2 82% 11	+1.4 83% 23	-1.2 73% 99	+2.1 82% 57	-0.37 73% 5	+20 81% 53	+1.00 79% 80	+0.92 79% 39	+1.08 74% 68	\$128 98	\$223 99
<b>HCAG013</b> VTMA217 VTMZ618	<b>BOONAROO GRAVITY G013</b> <sup>PV</sup> HBR	-0.01 54% 60	+5.1 91% 29	+3.8 84% 48	-5.3 98% 38	+3.7 98% 45	+51 97% 52	+88 97% 68	+115 97% 63	+103 95% 49	+23 96% 14	+3.9 97% 33	-5.5 73% 33	+57 93% 81	+5.4 92% 92	-2.8 92% 95	-3.3 92% 91	+1.2 88% 10	+3.0 91% 35	-0.76 86% 1	+22 94% 48	+0.50 94% 3	+0.90 94% 34	+1.06 91% 34	\$212 46	\$364 44
<b>HCAN20</b> VTMK338 HCAL54	<b>BOONAROO KASBAH N20</b> <sup>SV</sup> HBR	-0.13 38% 19	+5.2 76% 29	+2.5 64% 61	-5.5 93% 35	+5.5 96% 82	+48 95% 70	+88 94% 66	+114 91% 65	+108 88% 41	+14 82% 72	+3.6 91% 11	-6.4 55% 17	+55 90% 85	+5.6 89% 61	-0.6 88% 64	-1.6 89% 73	+0.9 79% 20	+2.1 91% 57	+0.74 84% 91	+17 94% 66	+0.86 91% 54	+1.04 91% 68	+1.06 86% 62	\$201 59	\$360 48
<b>NGMN418</b> WWEL3 NGML471	<b>BOOROOMOOKA JACKPOT N418</b> HBR	-0.07 42% 38	+2.6 71% 53	+7.1 66% 14	-8.8 95% 5	+5.3 97% 79	+63 96% 9	+112 96% 9	+138 96% 17	+134 94% 11	+5 89% 99	+3.5 94% 12	-7.3 63% 8	+80 89% 21	+8.6 87% 26	-0.6 87% 64	-0.2 88% 49	+0.7 81% 29	+2.7 88% 42	+0.27 80% 54	+28 95% 23	+1.32 93% 99	+1.06 93% 72	+1.04 87% 55	\$268 4	\$462 1
<b>NGMN213</b> NGML201 NGML45	<b>BOOROOMOOKA NORMANDY</b> HBR	-0.12 42% 22	+11.7 79% 1	+11.2 66% 1	-7.6 95% 11	+1.2 96% 7	+41 95% 91	+73 96% 94	+100 95% 88	+73 94% 89	+23 89% 12	+3.3 94% 15	-9.1 56% 1	+50 89% 92	+3.9 87% 80	-2.8 87% 95	-3.1 88% 90	+0.9 79% 20	+3.3 89% 29	+0.93 79% 97	+32 95% 14	+0.74 93% 29	+0.58 93% 1	+1.02 85% 49	\$228 28	\$377 34
<b>NGMP96</b> WWEL3 NGMM566	<b>BOOROOMOOKA PARAGON P96</b> HBR	-0.07 42% 38	-4.4 82% 92	+1.8 74% 68	-7.8 99% 10	+3.6 98% 42	+63 98% 9	+119 98% 3	+161 98% 2	+130 96% 14	+30 91% 1	+3.6 97% 11	-8.4 66% 3	+110 93% 1	+13.2 92% 3	-2.7 91% 94	-1.3 92% 68	+1.5 84% 5	+2.4 93% 49	+0.88 87% 96	+33 98% 12	+0.84 97% 50	+0.98 97% 54	+1.10 94% 73	\$288 1	\$466 1
<b>Breed Average EBVs</b>		<b>-0.04</b>	<b>+2.3</b>	<b>+3.1</b>	<b>-4.6</b>	<b>+3.9</b>	<b>+52</b>	<b>+93</b>	<b>+121</b>	<b>+103</b>	<b>+17</b>	<b>+2.2</b>	<b>-4.8</b>	<b>+69</b>	<b>+6.6</b>	<b>+0.1</b>	<b>-0.2</b>	<b>+0.4</b>	<b>+2.5</b>	<b>+0.24</b>	<b>+21</b>	<b>+0.84</b>	<b>+0.96</b>	<b>+1.02</b>	<b>+206</b>	<b>+353</b>

# Angus Australia - Shear Force Research Breeding Values

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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	
<b>NGMP22</b> NGMK9 NGMK640	<b>BOOROOMOOKA PRESIDENT</b> HBR	-0.15 44% 15	-0.8 79% 78	+3.9 67% 46	-6.3 97% 24	+5.0 96% 74	+58 95% 22	+108 95% 15	+143 96% 11	+128 91% 16	+22 83% 20	+3.1 91% 19	-6.2 59% 20	+78 91% 25	+0.2 89% 62	+0.7 89% 46	+0.1 90% 33	+2.7 91% 65	+0.59 84% 42	+18 94% 62	+0.34 88% 1	+0.64 89% 2	+0.88 83% 13	\$229 27	\$401 17		
<b>NGMR49</b> USA17960722 NGMP361	<b>BOOROOMOOKA RAUDONIKIS</b> HBR	-0.01 37% 60	+4.9 72% 31	+5.2 65% 32	-5.5 92% 35	+3.8 93% 47	+62 91% 11	+104 91% 22	+128 89% 33	+94 85% 64	+19 78% 34	+3.7 86% 9	-2.7 54% 90	+73 79% 38	+12.2 77% 6	-0.5 78% 62	-2.0 78% 79	+1.2 72% 10	+1.0 79% 83	+0.09 68% 35	+29 89% 21	+1.02 79% 82	+0.82 79% 18	+0.84 74% 8	\$233 22	\$380 31	
<b>BOWK2</b> VTME343 NAQZ31	<b>BOWMAN AUSTRALIA K2 PV</b> HBR	-0.14 45% 17	+7.4 80% 12	+2.4 76% 62	-6.5 94% 21	+3.5 91% 40	+49 91% 64	+98 91% 35	+124 91% 43	+96 88% 61	+22 86% 16	+4.9 85% 2	-7.4 69% 7	+69 89% 49	+8.1 88% 31	+0.0 88% 50	-1.6 88% 73	+0.9 83% 20	+1.5 90% 72	-0.59 83% 2	+10 88% 88	+0.84 84% 50	+1.02 85% 64	+0.94 81% 25	\$226 30	\$388 25	
<b>SRKK306</b> NJWG279 TFAD58	<b>BOWMONT KING K306 PV</b> HBR	-0.12 45% 22	-1.2 75% 80	-8.9 73% 99	-4.6 97% 49	+4.6 98% 66	+50 97% 60	+78 97% 88	+103 97% 85	+89 95% 71	+2 95% 99	-0.3 96% 99	-4.4 70% 60	+64 94% 63	+14.8 93% 2	-0.5 93% 62	-1.9 93% 77	+1.5 91% 5	+4.8 94% 7	+0.50 87% 77	+26 96% 32	+0.54 93% 5	+0.92 93% 39	+0.68 91% 1	\$232 24	\$346 59	
<b>BON21S004</b> USA19266718 BONQ008	<b>BRIDGEWATER HOMETOWN</b> HBR	+0.06 38% 81	+10.2 70% 2	+9.0 62% 4	-9.4 92% 3	+1.4 89% 8	+60 88% 16	+99 86% 33	+129 86% 31	+100 83% 54	+16 78% 56	+3.0 81% 22	-8.1 48% 3	+87 77% 10	+9.3 76% 20	+2.1 77% 12	+0.6 70% 35	+0.0 78% 70	+2.6 65% 44	+0.38 85% 66	+39 85% 5	+1.38 71% 99	+1.06 71% 72	+0.86 68% 10	\$270 3	\$447 3	
<b>BONQ007</b> QMUM13 HIOL28	<b>BRIDGEWATER QUANTUM Q007</b> HBR	-0.06 43% 41	-3.2 70% 88	-1.7 64% 89	-5.4 93% 36	+5.6 93% 84	+63 91% 9	+100 91% 32	+131 92% 28	+102 87% 50	+22 80% 18	+0.5 86% 94	-5.8 58% 27	+86 90% 11	+6.7 89% 47	+0.0 88% 50	-1.7 89% 75	+0.1 89% 65	+2.2 79% 54	+0.14 84% 40	+21 86% 48	+0.98 83% 77	+0.80 84% 15	+1.04 80% 55	\$226 30	\$359 48	
<b>QBUG49</b> VTMB1 QBUE5	<b>BURENDA GEIGER COUNTER</b> HBR	+0.10 48% 89	+8.3 86% 7	+8.7 76% 5	-6.7 97% 19	+2.9 97% 27	+41 96% 90	+80 96% 85	+106 95% 81	+91 94% 69	+18 93% 47	+2.1 94% 52	-8.8 69% 2	+65 92% 62	+4.1 91% 78	+0.4 91% 41	-1.4 91% 70	+0.4 86% 47	+3.3 90% 29	+0.14 85% 40	+27 95% 29	+1.02 85% 82	+1.20 85% 92	+0.96 82% 31	\$218 38	\$379 32	
<b>WLHD19</b> USA13058662 USA14311946	<b>CHERYLTON STEWIE D19 PV</b> HBR	+0.05 83% 79	+3.0 95% 49	+2.4 89% 62	-4.7 98% 47	+3.2 98% 33	+45 98% 78	+90 98% 61	+111 98% 72	+95 97% 62	+20 98% 31	+2.2 98% 48	-7.2 77% 9	+57 96% 82	+4.6 95% 73	-1.7 95% 85	+1.1 95% 27	-0.2 93% 79	+4.1 95% 15	+0.39 89% 67	+15 96% 74	+1.02 95% 82	+1.00 95% 59	+1.04 92% 55	\$221 35	\$373 36	
<b>GTNM6</b> VTMF734 VSNF15	<b>CHILTERN PARK MOE M6 PV</b> HBR	-0.18 44% 10	+5.4 91% 27	+3.3 84% 53	-1.3 99% 91	+3.1 99% 31	+51 99% 54	+99 99% 33	+135 99% 22	+81 98% 82	+31 97% 1	+1.4 99% 77	-6.6 75% 15	+82 96% 16	+6.4 94% 51	-0.8 94% 69	+0.5 94% 37	+0.2 91% 59	+1.8 94% 64	+0.28 87% 56	+38 99% 5	+0.72 99% 25	+1.04 99% 68	+1.10 98% 73	\$243 15	\$389 24	
<b>GTNP9</b> HKFJ5 GTNK26	<b>CHILTERN PARK PICASSO P9 PV</b> HBR	+0.05 48% 79	+8.4 83% 7	+8.9 70% 4	-3.4 98% 68	+1.1 98% 6	+54 97% 39	+100 97% 32	+128 96% 34	+91 92% 69	+24 87% 10	+3.3 95% 15	-8.1 63% 3	+89 89% 8	+6.4 87% 51	-0.1 87% 53	+1.1 88% 27	-0.6 81% 92	+4.1 89% 15	+0.68 78% 89	+27 95% 27	+0.64 93% 14	+0.76 93% 10	+0.84 88% 8	\$264 5	\$435 4	
<b>GTNQ322</b> USA18636106 GTNL198	<b>CHILTERN PARK QUADRANT</b> HBR	+0.11 40% 91	+6.7 80% 16	+4.4 70% 41	-2.3 97% 82	+3.4 97% 38	+62 93% 12	+115 96% 6	+144 94% 10	+108 89% 42	+20 80% 26	+4.3 85% 4	-6.2 58% 20	+92 90% 5	+13.0 88% 4	-1.7 88% 85	-1.2 89% 67	+0.7 79% 29	+4.0 90% 16	+0.90 82% 96	+5 87% 96	+1.06 85% 87	+1.12 85% 83	+1.00 81% 43	\$290 1	\$470 1	
<b>QMUM13</b> USA16295688 QMUG1	<b>CLUNES CROSSING DUSTY M13</b> HBR	+0.17 40% 97	+1.6 85% 62	+5.7 81% 27	-6.7 99% 19	+5.3 99% 79	+63 98% 9	+100 98% 31	+117 98% 58	+62 98% 95	+17 98% 53	+1.0 98% 87	-7.5 78% 6	+70 96% 46	+12.9 95% 4	-2.5 95% 93	-3.4 95% 92	+1.0 93% 16	+2.1 95% 57	+0.28 88% 56	+9 98% 90	+0.86 98% 54	+0.84 98% 22	+1.00 96% 43	\$294 1	\$426 6	
<b>NBHK330</b> NJWG279 NBHH381	<b>CLUNIE RANGE KALUHA K330 PV</b> HBR	-0.23 43% 5	-2.5 72% 86	-13.2 68% 99	-4.9 97% 44	+5.6 96% 84	+55 96% 36	+96 96% 43	+126 96% 37	+100 93% 54	+16 90% 60	+1.6 96% 70	-7.3 67% 8	+93 93% 5	+9.8 91% 16	+0.2 91% 46	-1.2 92% 67	+1.2 90% 10	+3.2 93% 31	+0.34 86% 62	+5 94% 96	+0.70 88% 22	+0.92 88% 39	+1.12 85% 78	\$246 13	\$377 34	
<b>Breed Average EBVs</b>		<b>-0.04</b>	<b>+2.3</b>	<b>+3.1</b>	<b>-4.6</b>	<b>+3.9</b>	<b>+52</b>	<b>+93</b>	<b>+121</b>	<b>+103</b>	<b>+17</b>	<b>+2.2</b>	<b>-4.8</b>	<b>+69</b>	<b>+6.6</b>	<b>+0.1</b>	<b>-0.2</b>	<b>+0.4</b>	<b>+2.5</b>	<b>+0.24</b>	<b>+21</b>	<b>+0.84</b>	<b>+0.96</b>	<b>+1.02</b>	<b>+206</b>	<b>+353</b>	

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Ident	Name		Calv-Ease		Birth		Growth			Maternal			Fert		Carcase					Feed	Temp	Structural			Selection Index	
Sire 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
<b>NBHL348</b> NZE14647008839 AHWJ81	<b>CLUNIE RANGE LEGEND L348</b> <sup>PV</sup> HBR	+0.12 39% 92	-6.0	+4.5	-7.8	+5.8	+57	+102	+124	+153	+2	+2.8	-6.8	+61	+0.1	+3.8	+0.9	-0.8	+2.5	+0.15	+24	+0.50	+0.80	+1.22	\$165	\$342
<b>NBHP392</b> USA17960722 NBHM516	<b>CLUNIE RANGE PLANTATION</b> HBR	+0.19 37% 98	+4.9	+3.5	-5.1	+4.4	+68	+117	+145	+110	+22	+5.4	-4.3	+72	-1.2	-0.5	-1.6	-1.5	+4.0	+0.18	+24	+0.76	+0.92	+0.82	\$221	\$388
<b>WDCH249</b> USA14885809 WDCE9	<b>COONAMBLE HECTOR H249</b> <sup>SV</sup> HBR	-0.03 51% 53	+1.5	+1.0	-8.3	+4.6	+45	+80	+99	+93	+5	+1.3	-4.6	+45	+9.2	+4.2	+4.5	+0.6	+0.2	-0.45	+40	+0.40	+0.48	+0.80	\$183	\$316
<b>WDCK314</b> NAQA241 WDCD94	<b>COONAMBLE KEVIN K314</b> <sup>PV</sup> HBR	-0.03 55% 53	+0.6	+4.5	-1.9	+4.6	+51	+101	+134	+111	+25	+4.6	-7.2	+84	+7.2	+0.0	+0.6	+0.2	+1.5	+0.61	+41	+0.50	+1.12	+1.20	\$214	\$379
<b>USA19611994</b> USA18467508 USA18974126	<b>DB ICONIC G95</b> <sup>PV</sup> HBR	+0.13 37% 93	+3.8	+7.6	-3.2	+3.0	+67	+123	+151	+143	+15	+3.0	-4.4	+88	+6.2	+0.2	+0.6	-0.7	+4.2	+0.27	+42	+1.16	+0.96	+0.80	\$247	\$444
<b>NJS21S15</b> USA18636106 QHEJ100	<b>DEVANAH SATURN S15</b> <sup>PV</sup> HBR	-0.01 40% 60	+6.2	+2.0	-7.4	+3.6	+64	+109	+142	+102	+26	+4.3	-7.2	+85	+8.6	-1.0	-2.4	+0.3	+2.2	+0.47	+19	+0.84	+0.94	+0.86	\$262	\$430
<b>WKGQ202</b> WKGN129 WKGL21	<b>DIAMOND ONE ALL IN Q202</b> <sup>SV</sup> HBR	-0.17 36% 11	-7.8	-8.5	-5.6	+8.1	+73	+125	+169	+153	+23	+2.8	-5.2	+99	+10.1	-5.9	-5.9	+1.8	-0.3	-0.79	+34	+0.94	+0.62	+0.86	\$216	\$376
<b>NGCM028</b> QHEJ134 NGCK204	<b>DULVERTON MEDAGLIA M028</b> <sup>PV</sup> HBR	+0.05 43% 79	-10.0	-3.3	-4.4	+7.4	+71	+119	+157	+155	+11	+1.2	-4.3	+83	+5.9	-1.0	-3.7	+0.4	+2.3	-0.79	+18	+1.14	+1.12	+1.10	\$200	\$357
<b>CYIR18</b> QMUM13 CYIM611	<b>EBONY BEEF BILLIE RAY R18</b> <sup>PV</sup> APR	+0.04 44% 76	+3.6	+8.2	-3.8	+5.2	+67	+107	+129	+72	+24	+2.7	-6.0	+82	+12.3	-2.1	-1.4	+0.8	+1.9	+0.25	-3	+1.04	+0.86	+1.14	\$295	\$439
<b>USA16198796</b> USA14686137 USA15452880	<b>EF COMPLEMENT 8088</b> <sup>PV</sup> HBR	-0.10 43% 28	+4.5	+6.9	-4.6	+2.9	+53	+98	+130	+100	+21	+1.5	-7.3	+76	+7.6	+1.2	+0.7	+0.8	+1.6	+0.57	+20	+0.92	+1.24	+1.16	\$253	\$418
<b>WWEL3</b> HIOG18 WWEJ8	<b>ESSLEMONT LOTTO L3</b> <sup>PV</sup> HBR	-0.25 45% 3	-5.6	-1.2	-5.4	+4.6	+60	+110	+140	+134	+15	+3.6	-9.9	+89	+14.8	-0.4	+0.7	+1.5	+3.8	+0.38	+14	+1.14	+1.00	+1.14	\$297	\$478
<b>WWEQ24</b> WWEN12 WWEN7	<b>ESSLEMONT QUOKKA Q24</b> <sup>PV</sup> HBR	-0.21 44% 6	+5.7	+1.6	-4.8	+1.6	+42	+83	+94	+48	+19	+3.8	-7.3	+63	+16.8	+1.4	+0.2	+2.2	+2.2	+1.13	+29	+0.76	+0.84	+0.94	\$275	\$402
<b>WWE21S6</b> NGMN418 WWEN7	<b>ESSLEMONT SEAN S6</b> <sup>PV</sup> HBR	-0.21 43% 6	+5.6	+7.4	-5.9	+2.8	+57	+101	+115	+90	+15	+4.4	-6.1	+77	+17.0	+2.4	+0.5	+1.2	+4.0	+1.08	+26	+1.06	+1.18	+1.10	\$292	\$458
<b>Breed Average EBVs</b>		<b>-0.04</b>	<b>+2.3</b>	<b>+3.1</b>	<b>-4.6</b>	<b>+3.9</b>	<b>+52</b>	<b>+93</b>	<b>+121</b>	<b>+103</b>	<b>+17</b>	<b>+2.2</b>	<b>-4.8</b>	<b>+69</b>	<b>+6.6</b>	<b>+0.1</b>	<b>-0.2</b>	<b>+0.4</b>	<b>+2.5</b>	<b>+0.24</b>	<b>+21</b>	<b>+0.84</b>	<b>+0.96</b>	<b>+1.02</b>	<b>+206</b>	<b>+353</b>

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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	
<b>USA18217198</b> USA17354178 USA16934264	<b>G A R ASHLAND PV</b> HBR	+0.10 37% 89	+2.8	+3.9	-6.0	+3.2	+67	+115	+146	+121	+16	+1.4	-3.7	+88	+12.5	-2.5	-1.8	+1.1	+2.7	+0.07	+11	+1.22	+1.12	+0.86	\$268	\$437	
<b>USA16295688</b> USA13009379 USA15129456	<b>G A R PROPHET SV</b> HBR	+0.09 38% 88	+3.7	+6.4	-0.7	+3.7	+67	+108	+133	+87	+23	+0.7	-5.1	+71	+4.1	-0.6	-1.6	-0.8	+4.8	+0.79	+26	+1.02	+0.80	+0.92	\$267	\$415	
<b>USA17328461</b> USA16205036 USA16431932	<b>G A R SURE FIRE SV</b> HBR	+0.06 39% 81	+6.4	+2.7	-3.0	+2.3	+50	+90	+112	+85	+20	+4.1	-7.7	+64	+8.0	-0.2	-0.5	+0.9	+3.4	-0.12	+26	+1.18	+0.92	+0.62	\$254	\$408	
<b>USA18690054</b> USA17965471 USA18054344	<b>GB FIREBALL 672 PV</b> HBR	+0.04 34% 76	+2.2	+6.8	-4.8	+2.6	+62	+99	+132	+122	+17	+2.7	-8.0	+81	+14.4	-2.5	-4.1	+0.9	+5.5	+0.60	+12	+1.08	+0.94	+0.82	\$286	\$466	
<b>QBGH221</b> BNAD145 QBGD80	<b>GLENOCH HINMAN H221 SV</b> HBR	-0.23 47% 5	+6.4	-2.8	-3.0	+3.0	+53	+94	+126	+116	+20	+0.9	-3.3	+86	+7.3	-2.0	-4.9	+0.8	+5.2	-0.32	+11	+0.84	+0.78	+1.04	\$209	\$357	
<b>DKKM41</b> NORH708 DKKJ51	<b>HARDHAT H708 MAIMURU J51</b> APR	-0.01 45% 60	-1.3	+2.6	-1.6	+2.3	+43	+92	+118	+97	+11	+1.3	-3.1	+63	+1.5	+0.8	-1.9	-0.6	+6.3	+0.04	+24	+1.08	+1.04	+1.12	\$181	\$313	
<b>DKKN43</b> NORK522 NKLF143	<b>HARDHAT K522 NEBRASKA</b> HBR	+0.00 44% 63	+7.9	+6.5	-9.6	+2.2	+59	+100	+136	+131	+14	+5.1	-7.4	+72	+2.8	+0.6	+0.2	-0.4	+0.4	+0.17	+13	+0.80	+0.80	+0.90	\$197	\$387	
<b>NHZP434</b> NHZJ140 NHZL527	<b>HAZELDEAN P434 SV</b> APR	-0.01 47% 60	+8.2	+5.4	-7.2	+1.8	+46	+87	+114	+95	+19	+2.7	-7.6	+70	+2.4	+0.4	-3.8	+0.9	+1.8	+0.68	+46	+0.58	+0.94	+1.06	\$202	\$358	
<b>NHZQ1229</b> NHZF1023 NHZJ823	<b>HAZELDEAN Q1229 PV</b> APR	-0.04 50% 49	+1.5	+5.0	-3.6	+4.0	+57	+102	+126	+80	+20	+4.6	-7.2	+80	+11.7	+0.0	-2.5	+0.4	+4.1	+0.95	+28	+0.62	+0.96	+0.96	\$274	\$422	
<b>NHZQ319</b> NHZM586 NHZL1175	<b>HAZELDEAN Q319 PV</b> APR	-0.11 43% 25	+3.8	+9.4	-8.7	+2.5	+54	+105	+142	+141	+17	+3.2	-10.1	+80	+2.4	+2.8	+1.0	-1.0	+4.9	+0.58	+31	+0.78	+1.02	+1.12	\$249	\$457	
<b>NHZR1561</b> NORL519 NHZJ115	<b>HAZELDEAN RONALDO R1561 PV</b> HBR	-0.07 39% 38	-7.7	+4.9	-5.7	+6.2	+66	+111	+146	+150	+9	+0.8	-3.9	+73	+4.3	-0.8	-1.6	-0.2	+3.9	+0.57	+14	+0.62	+0.76	+0.96	\$200	\$362	
<b>DYFN6</b> NZE14647008839 DYFL18	<b>INGLEBRAE FARMS NOBLEMAN</b> HBR	+0.11 37% 91	+9.5	+10.5	-7.0	+2.1	+57	+90	+110	+101	+10	+3.3	-2.2	+61	+10.6	+0.9	+0.9	+0.2	+2.3	-0.31	+23	+0.84	+1.12	+1.16	\$205	\$359	
<b>VMIC31</b> USA14739204 VMIU102	<b>INNESDALE CARBINE C31 SV</b> HBR	-0.03 81% 53	+0.9	-4.9	-1.5	+5.4	+36	+63	+82	+87	+19	+0.5	-5.2	+36	+3.2	+0.0	-0.7	+1.0	+0.7	+0.34	+7	+0.66	+0.96	+1.06	\$126	\$235	
<b>Breed Average EBVs</b>		<b>-0.04</b>	<b>+2.3</b>	<b>+3.1</b>	<b>-4.6</b>	<b>+3.9</b>	<b>+52</b>	<b>+93</b>	<b>+121</b>	<b>+103</b>	<b>+17</b>	<b>+2.2</b>	<b>-4.8</b>	<b>+69</b>	<b>+6.6</b>	<b>+0.1</b>	<b>-0.2</b>	<b>+0.4</b>	<b>+2.5</b>	<b>+0.24</b>	<b>+21</b>	<b>+0.84</b>	<b>+0.96</b>	<b>+1.02</b>	<b>+206</b>	<b>+353</b>	

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Ident	Name		Calv-Ease		Birth		Growth			Maternal			Fert			Carcase					Feed	Temp	Structural		Selection Index	
Sire 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
<b>NZE13300018</b> WWEL3 NZE13300116373	<b>KAKAHU PIVOTAL 18004</b> <sup>PV</sup> HBR	-0.16 42% 13	+4.8 74% 32	+2.7 66% 59	-7.1 96% 15	+3.8 96% 47	+55 95% 33	+102 95% 25	+122 95% 47	+67 90% 93	+29 84% 2	+3.6 93% 11	-8.9 64% 2	+84 89% 14	+9.7 89% 17	+1.0 88% 28	+1.5 89% 22	+0.4 81% 47	+4.4 90% 81	+0.65 81% 87	+1 91% 99	+0.72 88% 25	+0.92 88% 39	+1.10 83% 73	\$311 1	\$461 1
<b>GXNQ209</b> USA18463791 VLYL1327	<b>KELLY ANGUS QUINN Q209</b> <sup>SV</sup> HBR	+0.03 37% 73	+7.8 75% 10	+9.7 61% 2	-7.1 95% 15	+2.1 95% 15	+66 92% 5	+119 93% 4	+146 90% 9	+122 86% 22	+28 78% 2	+0.6 82% 93	-9.5 50% 1	+92 80% 5	+6.3 80% 52	-1.6 80% 83	-3.1 80% 90	+0.4 74% 47	+2.4 81% 49	-0.23 66% 10	+36 86% 8	+1.32 74% 99	+1.24 73% 95	+1.26 69% 97	\$293 1	\$493 1
<b>NDIP481</b> USA17354145 NDIL236	<b>KENNY'S CREEK PINNACLE P481</b> HBR	+0.07 40% 84	+2.4 81% 55	-0.8 71% 86	-3.8 98% 62	+3.0 98% 29	+48 97% 66	+88 97% 66	+116 96% 60	+65 92% 94	+20 87% 28	+0.3 95% 96	-3.4 63% 81	+77 91% 27	+4.1 90% 78	+1.6 89% 18	+1.5 90% 22	-1.5 83% 99	+6.4 91% 1	+1.27 83% 99	+18 90% 61	+0.96 91% 73	+0.92 91% 39	+0.86 88% 10	\$214 43	\$326 74
<b>KILK18</b> USA16417285 USA15107929	<b>KILLAIN ALASKA K18</b> <sup>PV</sup> HBR	+0.18 41% 97	-10.0 75% 99	-4.4 64% 96	-0.8 90% 94	+7.0 89% 96	+66 89% 5	+122 88% 3	+164 89% 2	+174 86% 1	+15 83% 66	+3.8 83% 8	-2.3 52% 94	+84 85% 14	+6.5 85% 49	-3.0 85% 96	-4.9 86% 98	+1.0 82% 16	-1.2 88% 99	-0.65 77% 1	+36 80% 8	+1.10 77% 91	+0.78 77% 12	+1.00 66% 43	\$126 98	\$289 90
<b>KILP1</b> USA18578965 KILM9	<b>KILLAIN RAINMAN P1</b> <sup>PV</sup> HBR	-0.09 39% 31	-4.6 75% 92	-5.8 62% 98	-7.0 95% 16	+4.4 93% 61	+59 92% 19	+104 90% 22	+130 91% 31	+125 87% 18	+12 81% 84	+3.2 82% 17	-2.4 52% 93	+76 87% 29	+13.8 86% 3	-2.5 86% 93	-1.6 87% 73	+2.3 78% 1	-1.7 89% 99	+0.31 77% 59	+5 86% 96	+0.94 78% 70	+0.98 78% 54	+1.08 67% 68	\$177 81	\$315 79
<b>BLAP130</b> SRKK306 BLAK113	<b>KNOWLA PACKER P130</b> <sup>PV</sup> HBR	+0.01 40% 67	+2.0 68% 58	+1.3 62% 72	-2.8 93% 77	+4.8 92% 70	+57 90% 28	+102 89% 25	+135 90% 22	+115 85% 30	+12 79% 87	+1.2 86% 82	-5.9 55% 25	+78 86% 24	+8.2 84% 30	-0.2 84% 55	-1.1 85% 65	+0.8 77% 24	+1.9 87% 62	+0.16 77% 42	+27 84% 27	+0.80 81% 41	+1.18 81% 90	+0.94 77% 25	\$235 21	\$395 20
<b>BLAR190</b> BLAN127 BLAP172	<b>KNOWLA REVOLUTION R190</b> <sup>PV</sup> HBR	+0.11 40% 91	+11.1 69% 1	+6.2 57% 22	-11.6 96% 1	+0.5 95% 3	+39 92% 93	+79 92% 87	+104 88% 83	+71 85% 90	+25 77% 7	+2.7 88% 30	-3.0 46% 87	+53 78% 89	+14.6 77% 2	+4.3 78% 2	+3.1 78% 8	+0.1 71% 65	+4.9 79% 7	+0.78 65% 93	+42 89% 3	+0.74 81% 29	+1.02 81% 64	+1.02 78% 49	\$215 43	\$343 61
<b>BLA21S48</b> USA18837398 BLAL21	<b>KNOWLA SO RIGHT S48</b> <sup>PV</sup> HBR	+0.17 42% 97	+4.6 81% 34	-1.7 62% 89	-5.0 99% 42	+3.1 98% 31	+56 97% 30	+100 97% 32	+126 95% 38	+108 88% 41	+16 79% 64	+2.8 96% 27	-5.5 51% 33	+79 81% 22	+8.4 85% 28	+1.1 83% 26	+1.2 83% 26	-0.2 77% 79	+3.9 84% 18	+0.40 67% 68	+34 97% 10	+0.88 86% 58	+0.96 85% 49	+0.98 84% 36	\$234 22	\$393 21
<b>NZCP117</b> USA17960722 NZCM67	<b>KO B074 BEAST MODE P117</b> <sup>PV</sup> HBR	+0.08 38% 86	+2.1 81% 57	+6.2 70% 22	-5.3 98% 38	+1.8 98% 12	+60 96% 16	+102 97% 27	+126 95% 39	+118 93% 26	+11 87% 92	+2.2 92% 48	-5.2 59% 40	+63 84% 66	+2.1 86% 92	+1.2 86% 24	+0.1 86% 43	-1.1 81% 98	+4.4 85% 11	+0.56 71% 82	+14 91% 79	+0.64 89% 14	+0.50 89% 1	+0.72 85% 2	\$215 42	\$382 29
<b>VLYL483</b> HKFJ5 VLYH221	<b>LAWSONS LINKEDIN L483</b> <sup>SV</sup> HBR	-0.05 47% 45	+3.6 88% 44	-6.9 79% 99	-1.1 98% 92	+4.2 98% 57	+58 97% 23	+109 97% 13	+153 95% 5	+140 95% 8	+25 95% 7	+4.0 94% 6	-5.1 68% 42	+103 93% 1	+9.2 89% 21	-1.3 88% 78	+2.1 91% 15	+0.2 84% 59	+2.0 91% 59	-0.17 82% 13	+20 89% 56	+1.04 85% 85	+0.80 85% 15	+0.86 81% 10	\$215 42	\$390 24
<b>VLYQ44</b> VLYM518 VLYK914	<b>LAWSONS MIRACULOUS Q44</b> <sup>PV</sup> HBR	-0.07 40% 38	+5.0 79% 30	-0.8 68% 86	-7.5 97% 12	+3.5 96% 40	+48 94% 66	+89 94% 64	+106 93% 80	+98 90% 58	+11 84% 90	+3.0 91% 22	-4.4 61% 60	+41 89% 98	+18.8 88% 1	-0.2 87% 55	+0.2 88% 42	+1.9 80% 2	+1.9 90% 62	+0.32 81% 60	+36 84% 8	+0.96 85% 73	+0.90 85% 34	+0.98 81% 36	\$231 25	\$378 32
<b>VLYM518</b> USA17354145 VLYH229	<b>LAWSONS MOMENTOUS M518</b> HBR	+0.06 43% 81	-1.7 98% 83	-0.7 91% 85	-5.2 99% 39	+3.9 99% 50	+50 99% 57	+92 99% 53	+114 99% 64	+81 98% 82	+23 98% 15	+2.7 99% 30	-3.6 83% 77	+52 97% 90	+11.8 96% 7	-1.2 97% 77	+0.1 96% 43	+0.3 95% 53	+5.7 96% 3	+0.82 91% 94	+36 99% 8	+0.86 99% 54	+0.98 99% 54	+1.16 99% 86	\$232 24	\$353 53
<b>VLYP316</b> USA16295688 VLYM527	<b>LAWSONS PROPHET P316</b> <sup>PV</sup> HBR	+0.00 41% 63	+5.5 79% 26	+5.6 71% 28	-2.1 93% 84	+3.5 96% 40	+57 94% 27	+88 94% 68	+106 92% 80	+67 88% 93	+17 83% 52	+0.3 91% 96	-4.1 63% 67	+66 87% 59	+12.7 86% 4	-3.3 86% 97	-3.5 87% 93	+1.4 79% 6	+4.1 88% 15	+0.35 79% 63	+30 93% 19	+0.68 91% 19	+0.76 91% 10	+0.80 87% 5	\$269 3	\$395 20
<b>Breed Average EBVs</b>		<b>-0.04</b>	<b>+2.3</b>	<b>+3.1</b>	<b>-4.6</b>	<b>+3.9</b>	<b>+52</b>	<b>+93</b>	<b>+121</b>	<b>+103</b>	<b>+17</b>	<b>+2.2</b>	<b>-4.8</b>	<b>+69</b>	<b>+6.6</b>	<b>+0.1</b>	<b>-0.2</b>	<b>+0.4</b>	<b>+2.5</b>	<b>+0.24</b>	<b>+21</b>	<b>+0.84</b>	<b>+0.96</b>	<b>+1.02</b>	<b>+206</b>	<b>+353</b>

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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	
<b>VLJR4010</b> USA17354145 VLYP4005	<b>LAWSONS ROCKY R4010<sup>PV</sup></b> HBR	-0.13 41% 19	+6.5 84% 18	+7.9 71% 9	-4.8 99% 46	+2.4 99% 19	+54 98% 40	+97 98% 39	+125 98% 40	+93 90% 66	+23 82% 14	+2.5 98% 37	-4.5 59% 57	+74 84% 36	+11.6 87% 7	+1.2 85% 24	+0.8 85% 32	+0.2 80% 59	+4.7 86% 8	+1.39 72% 99	+19 98% 59	+1.00 97% 80	+1.02 97% 64	+1.08 96% 68	\$257 7	\$414 10	
<b>VLJR1217</b> USA18217198 VLYN976	<b>LAWSONS ROMULUS R1217<sup>PV</sup></b> HBR	+0.08 36% 86	+3.3 75% 46	+7.5 66% 11	-5.5 94% 35	+3.9 90% 50	+65 89% 6	+110 89% 11	+151 87% 6	+124 84% 20	+18 78% 46	+1.3 82% 80	-2.5 54% 92	+88 79% 9	+10.2 77% 14	-3.6 77% 98	-3.6 78% 93	+1.1 71% 13	+4.1 79% 15	+0.49 69% 77	+12 85% 83	+1.16 71% 95	+1.10 71% 80	+0.96 68% 31	\$257 7	\$423 7	
<b>NMMD78</b> USA14237157 NMMY119	<b>MILLAH MURRAH EQUATOR D78</b> HBR	+0.08 74% 86	-0.4 96% 76	+6.2 90% 22	-9.0 99% 4	+5.0 99% 74	+62 98% 12	+111 98% 10	+157 98% 3	+181 97% 1	+18 98% 46	+2.1 98% 52	-3.8 81% 73	+90 96% 7	+1.7 95% 94	-2.0 96% 89	-3.2 96% 91	+0.9 94% 20	+0.1 95% 95	-1.04 89% 1	+22 98% 48	+0.82 95% 45	+0.94 95% 44	+1.06 92% 62	\$157 91	\$353 53	
<b>NMMH250</b> NMME78 NMME120	<b>MILLAH MURRAH HERCULES</b> HBR	-0.21 55% 6	-1.2 86% 80	+3.2 74% 54	-2.8 98% 77	+6.0 98% 89	+42 97% 89	+75 97% 93	+104 97% 82	+93 94% 66	+12 94% 85	+2.5 95% 37	-4.3 65% 62	+61 92% 73	+3.0 91% 87	-1.5 91% 82	-0.6 91% 56	+0.4 87% 47	+2.4 92% 49	+0.16 84% 42	+20 91% 55	+0.92 89% 66	+1.12 89% 83	+1.08 84% 68	\$154 92	\$276 93	
<b>NMMK35</b> NZE469 NMMG41	<b>MILLAH MURRAH KINGDOM K35</b> HBR	+0.01 46% 67	-12.5 96% 99	-6.4 90% 98	-2.0 99% 85	+8.7 99% 99	+55 98% 35	+100 98% 32	+138 98% 17	+149 98% 4	+11 98% 91	+0.9 98% 89	-5.6 81% 31	+65 96% 61	+7.8 95% 34	+0.2 96% 46	+0.1 96% 43	+1.0 94% 16	-1.0 95% 99	-0.75 89% 1	+28 98% 25	+0.84 96% 50	+1.28 96% 97	+1.20 94% 92	\$141 96	\$281 92	
<b>NMMK42</b> NGMT30 NMMH4	<b>MILLAH MURRAH KLOONEY K42</b> HBR	-0.04 45% 49	+3.5 86% 44	+1.0 84% 75	-6.0 99% 28	+5.7 99% 85	+47 99% 70	+86 99% 72	+107 98% 78	+90 98% 70	+22 98% 17	+2.2 98% 48	-4.9 84% 47	+64 97% 66	+6.8 96% 46	-1.1 96% 75	-3.1 96% 90	+1.1 94% 13	+2.0 96% 59	-0.01 90% 25	+17 99% 68	+0.84 97% 50	+0.90 97% 34	+1.04 95% 55	\$193 68	\$325 74	
<b>NMML133</b> USA17091363 NMMH49	<b>MILLAH MURRAH LOCH UP L133</b> HBR	-0.18 40% 10	+4.9 81% 31	+4.6 81% 38	-5.5 99% 35	+4.8 99% 70	+59 98% 19	+99 98% 33	+131 98% 28	+100 98% 54	+25 98% 6	+2.2 98% 48	-2.9 82% 88	+80 97% 21	+1.8 95% 93	-2.2 96% 91	-3.9 96% 95	-0.7 94% 94	+1.8 96% 64	-0.11 89% 17	+32 98% 14	+0.70 97% 22	+1.08 97% 76	+1.16 96% 86	\$172 84	\$313 81	
<b>NMMM308</b> NZE14647008839 NMMH331	<b>MILLAH MURRAH MILESTONE</b> HBR	+0.13 44% 93	+7.0 85% 14	+4.8 74% 36	-7.2 98% 14	+4.5 97% 64	+42 96% 88	+79 96% 87	+90 96% 96	+75 94% 87	+16 93% 59	+2.5 95% 37	-5.6 69% 31	+43 90% 97	+5.0 89% 68	+2.4 89% 9	+4.5 90% 3	-0.3 84% 83	+2.5 90% 47	+0.18 80% 44	+19 96% 59	+0.84 84% 50	+0.98 84% 54	+1.20 81% 92	\$198 63	\$334 68	
<b>NJWH283</b> NJWF189 NJWE51	<b>MILWILLAH ELSOM H283<sup>PV</sup></b> HBR	-0.04 57% 49	+1.4 83% 63	-5.6 72% 98	-2.2 97% 83	+3.9 97% 50	+46 96% 75	+82 96% 81	+121 95% 48	+107 92% 43	+21 93% 21	+1.7 94% 67	-1.3 64% 98	+76 92% 29	+9.1 91% 22	-2.5 91% 93	-2.7 91% 87	+1.5 86% 5	+1.5 92% 72	+0.34 85% 5	+20 88% 55	+0.74 89% 29	+0.82 90% 18	+1.04 85% 55	\$150 94	\$269 94	
<b>NJWE158</b> NZE230 VTMX114	<b>MILWILLAH LAD E158<sup>SV</sup></b> HBR	+0.06 79% 81	-2.5 84% 86	-9.1 76% 99	-7.7 95% 10	+7.9 97% 99	+41 97% 91	+78 96% 89	+105 96% 81	+108 93% 41	+7 96% 98	+2.0 93% 56	-5.1 64% 42	+42 92% 97	+9.0 91% 23	-0.9 91% 71	-4.9 91% 98	+1.4 86% 6	+3.3 92% 29	+0.26 83% 53	+13 90% 82	+0.80 79% 41	+0.84 80% 22	+0.74 72% 2	\$159 91	\$281 92	
<b>BWFQ33</b> USA18181757 BWFN9	<b>MOOGENILLA QUINELLA Q33<sup>PV</sup></b> HBR	-0.18 39% 10	+3.9 81% 41	+9.8 68% 2	-6.4 99% 22	+3.8 99% 47	+60 98% 15	+116 98% 5	+146 98% 9	+84 95% 78	+28 89% 2	+3.0 98% 22	-3.8 58% 73	+99 89% 2	+9.2 89% 21	-1.1 88% 75	+0.3 89% 40	-0.5 82% 89	+4.9 89% 7	+0.56 82% 82	+32 98% 14	+0.90 97% 62	+0.92 97% 39	+0.90 95% 16	\$274 2	\$428 6	
<b>EGRM39</b> HIOG18 EGRD9	<b>MOSQUITO CREEK MAXIMUS</b> HBR	-0.11 42% 25	+3.9 78% 41	+4.0 69% 45	-6.1 92% 26	+5.0 95% 74	+60 93% 18	+106 94% 17	+140 93% 15	+136 88% 10	+16 84% 59	+1.9 92% 59	-6.9 59% 11	+74 86% 35	+7.1 86% 42	+1.0 85% 28	+0.4 86% 38	+0.3 79% 53	+2.3 87% 52	+0.05 76% 31	+12 84% 85	+0.82 77% 45	+0.86 78% 25	+0.96 73% 31	\$241 16	\$428 6	
<b>EGRQ53</b> USA18463791 EGRG2	<b>MOSQUITO CREEK QUALITY Q53</b> HBR	+0.01 38% 67	+8.6 75% 6	+9.8 61% 2	-6.7 93% 19	+0.2 93% 3	+59 91% 19	+104 92% 21	+131 92% 29	+98 86% 57	+28 77% 3	+1.4 86% 77	-5.6 56% 31	+87 89% 9	+2.4 88% 90	-0.3 88% 57	-0.2 89% 49	-0.1 79% 75	+0.0 90% 96	-0.41 81% 4	+31 85% 16	+1.12 85% 92	+1.20 85% 92	+1.14 80% 82	\$216 41	\$379 32	
<b>Breed Average EBVs</b>		<b>-0.04</b>	<b>+2.3</b>	<b>+3.1</b>	<b>-4.6</b>	<b>+3.9</b>	<b>+52</b>	<b>+93</b>	<b>+121</b>	<b>+103</b>	<b>+17</b>	<b>+2.2</b>	<b>-4.8</b>	<b>+69</b>	<b>+6.6</b>	<b>+0.1</b>	<b>-0.2</b>	<b>+0.4</b>	<b>+2.5</b>	<b>+0.24</b>	<b>+21</b>	<b>+0.84</b>	<b>+0.96</b>	<b>+1.02</b>	<b>+206</b>	<b>+353</b>	

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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	
<b>CSWP036</b> USA17236055 CSWL123	<b>MURDEDUKE BLACK PEARL</b> HBR	-0.11 43% 25	+1.9 79% 59	+3.2 70% 54	-8.5 96% 6	+4.7 96% 68	+49 95% 63	+93 95% 51	+131 94% 28	+118 91% 26	+21 85% 22	+3.2 90% 17	-7.7 68% 5	+61 91% 74	+1.1 90% 96	+0.5 91% 39	-1.1 82% 65	-1.0 92% 97	+6.3 86% 88	+0.66 95% 73	+15 93% 50	+0.84 94% 88	+1.16 94% 88	+1.22 90% 94	\$217 40	\$384 28	
<b>CSWK428</b> VTME343 CSWE175	<b>MURDEDUKE KICKING K428 PV</b> HBR	-0.21 42% 6	+7.6 89% 11	+9.9 77% 2	-7.6 98% 11	+1.9 98% 13	+48 97% 70	+93 97% 53	+115 97% 63	+88 96% 73	+25 95% 8	+3.3 97% 15	-6.1 70% 22	+67 93% 57	+2.5 92% 90	-0.3 90% 57	-3.1 92% 90	+0.3 87% 53	+0.8 93% 86	-0.07 86% 20	+41 97% 3	+0.84 97% 50	+1.00 97% 59	+1.18 95% 89	\$188 72	\$342 63	
<b>CSWQ011</b> VLYM518 CSWN026	<b>MURDEDUKE QUARTERBACK</b> HBR	+0.08 43% 86	+7.2 89% 13	+2.0 80% 66	-9.5 99% 3	+3.0 99% 29	+53 99% 46	+100 99% 30	+133 99% 24	+104 97% 47	+24 95% 8	+4.1 98% 5	-6.8 68% 12	+77 93% 27	+4.7 91% 71	+1.5 92% 20	+2.7 92% 10	-1.1 87% 98	+5.4 91% 4	+0.62 82% 86	+22 99% 44	+0.70 99% 22	+1.08 99% 76	+1.08 98% 68	\$243 15	\$411 12	
<b>NURM208</b> SMPG357 NURK45	<b>MURRAY GENESIS M208 PV</b> HBR	-0.10 43% 28	+1.3 80% 64	+5.7 70% 27	-5.8 94% 30	+4.6 94% 66	+49 93% 61	+94 93% 49	+127 93% 35	+106 89% 45	+19 87% 39	+3.8 86% 8	-6.4 64% 17	+82 89% 16	+16.6 88% 1	-0.2 86% 55	-2.5 89% 85	+2.0 83% 1	+1.2 90% 79	+1.43 82% 99	+6 88% 95	+0.90 91% 62	+1.00 90% 59	+0.68 87% 1	\$235 21	\$393 21	
<b>NURM204</b> USA16956101 NURJ43	<b>MURRAY PROCEED M204 PV</b> HBR	-0.39 43% 1	-5.7 82% 94	+7.6 71% 11	-4.2 96% 55	+4.5 96% 64	+62 95% 11	+107 95% 16	+145 94% 9	+137 90% 9	+19 85% 38	+2.3 90% 40	-3.5 64% 79	+89 91% 7	+13.5 90% 3	-5.0 88% 99	-5.8 91% 99	+0.7 86% 29	+6.9 92% 1	+0.06 85% 32	+23 93% 41	+0.94 91% 70	+0.74 91% 8	+0.90 88% 16	\$237 19	\$396 20	
<b>SFNL21</b> NZE10322010609 SFNH65	<b>NAMPARA LIBERTY L21 SV</b> HBR	+0.02 37% 70	-4.9 88% 93	-5.3 74% 97	-6.5 98% 21	+8.6 98% 99	+68 97% 4	+111 97% 10	+148 97% 8	+165 95% 2	+19 95% 38	+2.9 96% 24	-1.0 64% 99	+79 94% 23	+7.6 92% 36	-2.1 90% 90	-0.9 93% 62	+1.8 88% 2	-2.4 93% 99	-0.65 86% 1	+24 95% 38	+0.92 92% 66	+0.88 92% 30	+0.98 88% 36	\$145 95	\$301 86	
<b>WLGP5</b> USA18229425 WLG M24	<b>NARANDA PIMP P5 SV</b> APR	-0.06 37% 41	+11.2 77% 1	+10.1 63% 2	-11.6 97% 1	+1.6 95% 10	+52 94% 47	+99 94% 34	+128 93% 33	+95 89% 62	+20 82% 31	+1.6 87% 70	-3.8 55% 73	+83 89% 14	+6.7 87% 47	+1.6 87% 18	+2.7 88% 10	-0.3 78% 83	+3.5 90% 25	+0.27 82% 54	-3 90% 99	+0.66 87% 16	+0.72 87% 6	+1.08 82% 68	\$234 22	\$393 22	
<b>SKOJ6</b> VTME343 NZCE115	<b>NEWLYN PARK EMPEROR J6 PV</b> HBR	-0.02 44% 56	-7.0 78% 96	-5.4 70% 97	-6.9 93% 17	+7.5 92% 98	+65 91% 7	+111 90% 10	+143 91% 11	+160 88% 2	+8 84% 97	+1.3 85% 80	-3.8 64% 73	+78 87% 24	+8.4 86% 28	-0.9 86% 71	-1.1 87% 65	+1.3 81% 8	+0.2 88% 94	-0.73 80% 1	+14 85% 80	+1.08 86% 89	+0.80 85% 15	+0.76 81% 3	\$182 78	\$343 62	
<b>NZE21095018</b> HIOE7 NZE21095112H49	<b>NGAPUTAH I P206 PV</b> HBR	-0.21 58% 6	+10.1 81% 2	+5.3 73% 31	-1.5 93% 90	-0.1 97% 2	+41 96% 90	+83 95% 79	+96 95% 92	+67 91% 93	+28 86% 3	+2.7 94% 30	-8.2 68% 3	+54 90% 88	+6.1 89% 59	+0.0 89% 50	-2.1 89% 80	+1.1 82% 13	+4.1 91% 15	+0.17 83% 43	+18 89% 64	+0.94 84% 70	+1.10 84% 80	+1.10 80% 73	\$246 13	\$386 26	
<b>USA16981588</b> USA16381311 USA16408070	<b>PA FULL POWER 1208 PV</b> HBR	-0.07 44% 38	-5.0 95% 93	-4.7 86% 97	-4.9 99% 44	+3.8 98% 47	+52 98% 48	+98 98% 37	+119 98% 55	+74 98% 88	+14 98% 75	+2.0 98% 56	-2.5 75% 92	+72 96% 42	+13.0 95% 4	-1.7 94% 85	+0.6 95% 35	+1.1 92% 13	+3.0 95% 35	+0.88 88% 96	+21 98% 49	+1.24 98% 98	+0.94 98% 44	+0.72 91% 2	\$227 29	\$332 69	
<b>SMPG357</b> VTMB1 SMPD245	<b>PATHFINDER GENESIS G357 PV</b> HBR	-0.12 44% 22	-0.2 97% 75	+4.2 90% 43	-7.2 99% 14	+6.6 99% 94	+61 99% 13	+109 99% 13	+148 99% 7	+137 98% 9	+26 98% 6	+4.4 98% 4	-6.8 86% 12	+96 97% 3	+14.1 96% 2	+0.3 96% 43	-0.9 96% 62	+1.4 95% 6	+0.3 96% 93	+0.66 91% 88	+28 99% 23	+0.86 98% 54	+1.06 98% 72	+0.78 96% 4	\$238 19	\$419 9	
<b>SMPK22</b> SMPG357 SMPH756	<b>PATHFINDER COMPLETE K22 SV</b> HBR	-0.05 42% 45	+10.2 93% 2	+8.2 81% 7	-9.1 99% 4	+0.9 98% 5	+41 98% 91	+74 98% 93	+96 98% 92	+49 97% 99	+26 97% 5	+2.9 98% 24	-6.6 75% 15	+53 95% 88	+7.0 94% 43	+3.6 94% 3	+5.4 94% 1	+0.2 93% 59	+2.3 94% 52	+0.52 88% 79	+27 97% 27	+0.52 96% 4	+0.84 96% 22	+0.66 94% 1	\$237 20	\$362 46	
<b>SMPM651</b> VTMG67 SMPH66	<b>PATHFINDER MASTERPIECE</b> HBR	+0.03 46% 73	+4.2 80% 38	+4.7 72% 37	-6.3 92% 24	+5.0 95% 74	+56 93% 29	+104 93% 22	+129 93% 33	+138 89% 9	+20 88% 27	+3.5 89% 12	-7.8 64% 5	+53 88% 88	+9.9 87% 16	-1.7 87% 85	-3.9 87% 95	+1.6 81% 4	+1.6 89% 69	-0.19 81% 12	+33 83% 12	+1.00 77% 80	+1.24 77% 95	+1.20 74% 92	\$233 23	\$424 7	
<b>Breed Average EBVs</b>		<b>-0.04</b>	<b>+2.3</b>	<b>+3.1</b>	<b>-4.6</b>	<b>+3.9</b>	<b>+52</b>	<b>+93</b>	<b>+121</b>	<b>+103</b>	<b>+17</b>	<b>+2.2</b>	<b>-4.8</b>	<b>+69</b>	<b>+6.6</b>	<b>+0.1</b>	<b>-0.2</b>	<b>+0.4</b>	<b>+2.5</b>	<b>+0.24</b>	<b>+21</b>	<b>+0.84</b>	<b>+0.96</b>	<b>+1.02</b>	<b>+206</b>	<b>+353</b>	

# Angus Australia - Shear Force Research Breeding Values

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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
<b>SMPN56</b> HIOG18 SMPL179	<b>PATHFINDER NUCLEUS N56</b> <sup>SV</sup> HBR	-0.12 43% 22	+4.9 81% 31	+3.1 70% 55	-3.4 96% 68	+5.3 97% 79	+59 96% 18	+105 95% 19	+137 95% 18	+132 91% 13	+15 90% 67	+4.6 94% 3	-7.0 64% 10	+75 92% 33	+13.0 90% 30	+0.9 90% 30	+1.0 91% 29	+1.0 83% 16	+1.7 92% 67	+0.43 85% 71	+8 90% 92	+0.74 86% 29	+0.78 87% 12	+0.82 82% 6	\$253 9	\$442 3
<b>SMPP516</b> SMPM558 SMPJ282	<b>PATHFINDER PHAT CAT P516</b> <sup>SV</sup> HBR	+0.02 43% 70	+5.2 78% 29	+2.8 66% 58	-7.6 96% 11	+4.5 96% 64	+53 95% 46	+90 95% 62	+119 95% 54	+84 91% 78	+26 85% 4	+5.4 92% 1	-8.9 59% 2	+49 87% 93	+12.2 85% 6	-3.3 85% 97	-2.8 86% 88	+0.7 78% 29	+5.9 87% 2	+0.09 79% 35	+39 92% 5	+0.72 90% 25	+1.06 90% 72	+0.90 85% 16	\$286 1	\$442 3
<b>SMPQ1357</b> NORL519 SMPM18	<b>PATHFINDER QUEST Q1357</b> <sup>PV</sup> HBR	-0.23 40% 5	-3.8 77% 90	-0.6 68% 85	-6.4 94% 22	+5.6 95% 84	+65 93% 7	+117 92% 5	+164 93% 2	+179 87% 1	+15 81% 69	+1.6 86% 70	-5.0 64% 45	+95 89% 4	+5.9 88% 57	-2.3 88% 92	-4.8 89% 98	+1.1 80% 13	+3.2 90% 31	+0.22 82% 49	+28 88% 23	+0.92 86% 66	+0.68 87% 4	+1.12 83% 78	\$210 48	\$402 16
<b>NZE41-97</b> NZE53195 NZE63988	<b>PINEBANK WAIGROUP 41/97</b> <sup>#</sup> HBR	+0.17 83% 97	+3.5 96% 44	-3.6 91% 95	-3.4 98% 68	+3.6 99% 42	+37 98% 96	+64 98% 99	+77 98% 99	+50 98% 98	+18 98% 43	+0.9 98% 89	-4.1 89% 67	+17 97% 99	+5.3 96% 64	+1.1 96% 26	+0.2 96% 42	+1.0 95% 16	+1.0 96% 83	-0.05 90% 22	+33 93% 12	+0.30 88% 1	+0.92 88% 39	+0.94 83% 25	\$161 90	\$249 97
<b>WQCQ47</b> VLYM518 VLYM1690	<b>QUANDEN SPRINGS</b> HBR	-0.05 41% 45	+10.3 77% 2	+7.5 67% 11	-9.2 92% 4	-0.6 92% 1	+52 91% 47	+98 91% 35	+132 91% 26	+112 86% 35	+28 80% 2	+5.2 85% 1	-4.9 60% 47	+50 86% 93	+9.9 85% 16	+0.2 86% 46	+1.2 86% 26	+0.4 78% 47	+2.4 87% 49	-0.24 79% 10	+28 88% 23	+1.02 84% 82	+1.00 85% 59	+1.10 80% 73	\$221 36	\$393 21
<b>NORF340</b> NZE04379 VLYZ1393	<b>RENNYLEA BLACK GOLD F340</b> <sup>PV</sup> HBR	-0.16 76% 13	+6.3 83% 19	+1.1 75% 74	-2.9 96% 75	+1.3 96% 7	+35 95% 98	+65 94% 98	+80 94% 99	+82 92% 81	+3 92% 99	+0.9 91% 89	-2.8 70% 89	+21 91% 99	+2.1 90% 92	-0.4 90% 60	+0.3 90% 40	-0.1 83% 75	+4.4 91% 11	-0.10 85% 18	+14 90% 78	+0.76 88% 33	+0.82 88% 18	+0.72 84% 2	\$143 95	\$263 95
<b>NORE11</b> NGMY145 VLYY5	<b>RENNYLEA EDMUND E11</b> <sup>PV</sup> HBR	-0.02 82% 56	+8.8 99% 5	+0.4 97% 79	-6.8 99% 18	+1.2 99% 7	+34 99% 98	+64 99% 99	+84 99% 98	+55 99% 98	+16 99% 61	+1.9 99% 59	-8.8 95% 2	+50 98% 92	+4.2 98% 77	+3.5 98% 3	+1.3 98% 24	-0.2 98% 79	+4.2 98% 14	+0.77 96% 93	+23 99% 41	+0.54 99% 5	+1.02 99% 64	+1.08 99% 68	\$208 51	\$329 72
<b>NORH708</b> NORC511 NORE176	<b>RENNYLEA H708</b> <sup>PV</sup> APR	+0.01 54% 67	-7.6 93% 97	+2.0 86% 66	+1.2 98% 99	+4.7 98% 68	+47 98% 72	+102 98% 26	+129 98% 32	+128 97% 15	+12 97% 88	+2.4 98% 40	-3.3 82% 82	+72 96% 41	+11.9 95% 6	-3.7 95% 99	-6.5 96% 99	+2.0 93% 1	+7.1 96% 1	+0.66 93% 88	+21 98% 49	+0.70 98% 22	+0.68 98% 4	+0.92 97% 20	\$219 38	\$363 45
<b>NORK163</b> NORH106 NORE176	<b>RENNYLEA K163</b> <sup>PV</sup> APR	-0.17 49% 11	+5.0 90% 30	-7.6 80% 99	-3.8 98% 62	+2.6 98% 22	+39 98% 93	+74 98% 94	+94 97% 93	+67 97% 93	+10 96% 93	+0.8 96% 90	-6.0 78% 24	+63 95% 68	+19.1 94% 24	-0.4 94% 60	-1.3 94% 68	+2.7 92% 1	+2.6 95% 44	+0.16 88% 42	+19 91% 58	+0.64 90% 14	+0.72 90% 6	+1.02 87% 49	\$244 14	\$360 48
<b>NORK522</b> NORE11 NORF810	<b>RENNYLEA KODAK K522</b> <sup>SV</sup> HBR	+0.10 55% 89	+8.9 95% 5	+8.6 85% 6	-4.8 99% 46	+1.4 99% 8	+44 98% 82	+82 98% 81	+108 98% 77	+110 97% 38	+11 97% 90	+4.6 98% 3	-7.6 76% 6	+46 96% 95	+3.8 94% 81	+3.4 94% 4	+1.4 94% 23	-0.4 92% 86	+4.0 89% 16	+0.32 89% 60	+7 96% 94	+0.60 97% 10	+0.80 97% 15	+0.94 95% 25	\$203 57	\$378 32
<b>NORL508</b> USA17366506 NORH414	<b>RENNYLEA L508</b> <sup>PV</sup> HBR	-0.14 42% 17	+1.7 84% 61	+8.3 78% 7	-5.9 99% 29	+2.6 99% 22	+46 98% 77	+85 98% 74	+118 98% 56	+94 98% 64	+27 98% 4	+1.3 98% 80	-7.4 82% 7	+55 96% 85	+5.7 95% 59	+0.9 96% 30	-0.4 96% 53	-0.2 94% 79	+5.5 95% 3	+0.66 89% 88	+15 99% 74	+0.66 98% 16	+0.82 98% 18	+0.88 97% 13	\$236 20	\$386 26
<b>NORL683</b> NORE11 NORJ631	<b>RENNYLEA L683</b> <sup>PV</sup> APR	-0.17 58% 11	+2.9 85% 50	+1.9 75% 67	-4.4 98% 52	+4.9 97% 72	+55 96% 37	+95 96% 47	+116 96% 61	+100 94% 54	+5 93% 99	+2.4 95% 40	-6.6 71% 15	+77 91% 28	+4.7 90% 71	+0.5 88% 39	-1.4 91% 70	+0.8 86% 24	+2.4 91% 49	+0.57 85% 82	+23 95% 43	+0.70 92% 22	+0.86 92% 25	+1.00 89% 43	\$234 22	\$387 25
<b>NORP987</b> NORM763 NORM1184	<b>RENNYLEA P987</b> <sup>PV</sup> APR	+0.14 41% 94	+10.3 75% 2	+9.0 66% 4	-8.2 97% 7	+1.5 97% 9	+51 96% 53	+99 96% 35	+124 96% 41	+128 94% 16	+7 89% 98	+0.4 95% 95	-3.1 63% 85	+72 90% 42	+5.7 89% 59	+3.9 89% 2	+2.4 89% 12	-1.3 82% 99	+8.3 90% 1	+0.96 81% 97	+11 96% 86	+0.90 93% 62	+1.02 93% 64	+1.04 90% 55	\$226 30	\$406 14
<b>Breed Average EBVs</b>		<b>-0.04</b>	<b>+2.3</b>	<b>+3.1</b>	<b>-4.6</b>	<b>+3.9</b>	<b>+52</b>	<b>+93</b>	<b>+121</b>	<b>+103</b>	<b>+17</b>	<b>+2.2</b>	<b>-4.8</b>	<b>+69</b>	<b>+6.6</b>	<b>+0.1</b>	<b>-0.2</b>	<b>+0.4</b>	<b>+2.5</b>	<b>+0.24</b>	<b>+21</b>	<b>+0.84</b>	<b>+0.96</b>	<b>+1.02</b>	<b>+206</b>	<b>+353</b>

# Angus Australia - Shear Force Research Breeding Values

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Ident		Name		Shear Force	Calv-Ease		Birth		Growth			Maternal			Fert		Carcase					Feed		Temp		Structural		Selection Index	
Sire Dam	Reg.	PV	SV		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	
																													44%
NORQ1081	RENNYLEA Q1081	PV		-0.01	-3.1	+4.8	-3.8	+3.9	+50	+92	+119	+108	+13	+3.6	-5.7	+49	+8.9	+0.6	-0.6	+0.3	+6.8	+0.78	+14	+0.86	+0.88	+0.88	\$238	\$388	
NORH708 NORL841	APR			44%	77%	67%	93%	93%	92%	91%	92%	88%	81%	89%	63%	88%	87%	88%	80%	89%	81%	90%	88%	88%	84%				
				60	88	36	62	50	56	55	54	41	83	11	29	94	23	36	56	53	1	93	80	54	30	13	18	25	
NORQ213	RENNYLEA Q213	PV		-0.04	+9.0	+7.9	-7.5	+0.9	+63	+118	+148	+94	+25	+0.5	-10.1	+101	+8.3	+0.8	+0.2	+0.1	+3.3	+0.75	+28	+0.50	+0.70	+0.88	\$331	\$516	
NORK907 NORL110	APR			40%	85%	70%	98%	98%	97%	97%	97%	94%	90%	96%	61%	91%	89%	89%	89%	83%	90%	81%	97%	95%	95%	92%			
				49	5	9	12	5	9	4	7	65	8	94	1	2	29	32	42	65	29	92	25	3	5	13	1	1	
NORR992	RENNYLEA R992	PV		-0.08	+5.2	+8.0	+1.8	+1.2	+44	+84	+114	+83	+26	+1.7	-6.3	+67	+11.5	+1.9	+2.4	-0.3	+6.4	+1.13	+25	+0.58	+0.80	+0.80	\$256	\$407	
NORN542 NORM1034	APR			41%	69%	61%	95%	95%	94%	94%	92%	90%	84%	91%	53%	81%	81%	81%	81%	75%	82%	68%	92%	84%	84%	78%			
				34	29	8	99	7	83	78	65	79	4	67	19	55	8	14	12	83	1	99	35	8	15	5	8	13	
TRHP52	RICHMOND HILL PLAY P52	SV		-0.34	+5.4	+3.9	+0.1	+4.0	+53	+93	+116	+124	+11	+4.2	-6.3	+75	+11.5	-4.9	-2.8	+1.6	+3.2	-0.30	+32	+1.04	+1.04	+0.96	\$234	\$411	
TRHL9 TRHH92	HBR			39%	73%	60%	93%	94%	93%	92%	92%	86%	79%	80%	54%	90%	89%	88%	89%	78%	91%	84%	88%	88%	88%	84%			
				1	27	46	97	52	44	52	60	19	90	5	19	34	8	99	88	4	31	7	13	85	68	31	22	12	
NZE14572019	RISSINGTON SOVEREIGN Q485			-0.01	+11.4	+9.7	-7.5	+0.5	+62	+115	+156	+123	+21	+2.5	-4.9	+95	+8.8	-0.7	-3.1	-0.3	+6.6	+0.77	-4	+0.90	+0.94	+1.18	\$274	\$462	
HKFM103 NZE14572117009	HBR			41%	85%	63%	98%	98%	98%	97%	94%	88%	78%	94%	50%	81%	84%	83%	83%	77%	83%	75%	97%	93%	93%	91%			
				60	1	2	12	3	11	6	3	21	20	37	47	4	24	66	90	83	1	93	99	62	44	89	3	1	
NZE21159019	SEVEN HILLS 312/19	PV		+0.05	+3.0	+5.6	-7.7	+3.5	+52	+94	+123	+95	+21	-0.9	-2.9	+76	+9.8	-3.5	-4.1	+1.0	+4.0	+1.18	+8	+1.00	+0.94	+1.04	\$226	\$361	
USA18217198 NZE21159117053	HBR			39%	76%	66%	93%	92%	91%	90%	91%	86%	79%	82%	57%	87%	87%	86%	88%	78%	89%	81%	88%	86%	86%	81%			
				79	49	28	10	40	49	50	45	62	22	99	88	29	16	98	96	16	16	99	93	80	44	55	30	47	
APBK11	SHACORRAHDALU KINETIC K11			+0.04	+9.9	+10.5	-9.0	+0.3	+49	+88	+105	+97	+10	+4.6	-6.8	+64	+10.4	+3.8	+2.5	+0.6	+2.5	+0.89	+2	+0.96	+1.20	+1.06	\$239	\$411	
VTMB1 APBF2	HBR			49%	78%	71%	93%	92%	91%	91%	91%	89%	85%	86%	65%	86%	84%	84%	85%	77%	86%	78%	86%	84%	83%	80%			
				76	2	1	4	3	62	66	82	60	94	3	12	65	13	3	12	35	47	96	98	73	92	62	18	12	
APB21S24	SHACORRAHDALU PHOENIX			+0.10	+9.1	+6.4	-8.1	-0.7	+56	+102	+134	+84	+25	+3.0	-8.9	+91	+5.3	+2.7	+4.5	-0.1	+1.9	+0.99	+13	+0.92	+1.12	+1.08	\$284	\$452	
USA18636106 APBJ23	HBR			46%	75%	66%	93%	91%	90%	90%	87%	85%	79%	84%	53%	79%	77%	78%	79%	72%	80%	70%	86%	75%	75%	70%			
				89	4	20	8	1	31	26	23	79	8	22	2	6	64	7	3	75	62	98	82	66	83	68	1	2	
APBR5	SHACORRAHDALU ROYALE R5			-0.12	+8.1	+8.6	-6.8	+2.2	+47	+91	+113	+63	+24	+2.3	-6.5	+67	+6.1	+4.2	+5.3	-0.2	+1.6	+1.00	+10	+0.84	+1.02	+0.74	\$245	\$387	
TFAK132 HBUP80	HBR			42%	76%	66%	93%	93%	92%	91%	91%	87%	80%	87%	60%	88%	86%	86%	87%	78%	89%	80%	88%	89%	88%	83%			
				22	8	6	18	16	72	59	68	95	9	44	16	56	54	2	2	79	69	98	89	50	64	2	13	25	
SYAN340	STONEY POINT NOLTE N340	SV		+0.21	-1.5	-8.6	-6.2	+6.0	+72	+128	+164	+160	+15	+3.5	-3.0	+105	+6.3	-3.2	-5.3	+0.7	+3.0	-0.12	+5	+0.98	+0.88	+1.18	\$214	\$390	
SYAL178 SGMK250	HBR			39%	79%	68%	96%	96%	96%	96%	96%	93%	90%	93%	59%	89%	87%	87%	87%	79%	89%	77%	88%	89%	90%	84%			
				99	82	99	25	89	2	1	2	2	70	12	87	1	52	97	99	29	35	16	96	77	30	89	43	24	
SYAP147	STONEY POINT PERRY P147	PV		+0.12	+4.6	+1.6	-4.8	+4.7	+56	+103	+133	+111	+20	+1.6	-7.3	+95	+10.0	-1.2	-0.3	+0.4	+3.8	-0.23	+6	+0.86	+0.76	+0.64	\$265	\$435	
USA17936442 SWAH233	HBR			44%	75%	62%	93%	93%	92%	91%	91%	87%	80%	87%	57%	88%	87%	87%	88%	78%	90%	80%	88%	86%	86%	79%			
				92	34	70	46	68	30	24	25	36	27	70	8	3	15	77	51	47	20	10	95	54	10	1	4	4	
NZE19507018	STORTH OAKS FULLY LOADED			-0.12	+8.6	+6.5	-11.6	+1.2	+45	+89	+134	+136	+22	+3.2	-7.5	+65	+3.3	+0.9	+0.3	-0.6	+4.1	+0.87	+32	+0.54	+0.78	+1.06	\$192	\$381	
NORL508 NZE19507113J320	HBR			45%	76%	66%	97%	97%	96%	96%	95%	90%	84%	93%	61%	90%	89%	88%	89%	81%	90%	83%	93%	87%	87%	84%			
				22	6	19	1	7	80	64	23	10	19	17	6	63	85	30	40	92	15	95	14	5	12	62	69	30	
NZE19507013	STORTH OAKS JACK J7	SV		-0.22	+6.1	+8.2	-4.8	+4.4	+61	+113	+151	+143	+17	+3.5	-1.9	+80	+8.3	-0.1	-3.1	-0.3	+2.5	+0.11	+20	+1.00	+0.98	+0.92	\$185	\$370	
VTME343 NZE19507111G183	HBR			42%	89%	80%	98%	98%	97%	97%	97%	95%	95%	96%	71%	94%	93%	93%	93%	90%	93%	87%	96%	93%	93%	89%			
				5	21	7	46	61	14	8	6	6	52	12	96	20	29	53	90	83	47	37	54	80	54	20	75	39	
<b>Breed Average EBVs</b>				<b>-0.04</b>	<b>+2.3</b>	<b>+3.1</b>	<b>-4.6</b>	<b>+3.9</b>	<b>+52</b>	<b>+93</b>	<b>+121</b>	<b>+103</b>	<b>+17</b>	<b>+2.2</b>	<b>-4.8</b>	<b>+69</b>	<b>+6.6</b>	<b>+0.1</b>	<b>-0.2</b>	<b>+0.4</b>	<b>+2.5</b>	<b>+0.24</b>	<b>+21</b>	<b>+0.84</b>	<b>+0.96</b>	<b>+1.02</b>	<b>+206</b>	<b>+353</b>	

# Angus Australia - Shear Force Research Breeding Values

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Ident		Name		Shear Force	Calv-Ease		Birth		Growth			Maternal			Fert		Carcase					Feed		Temp		Structural		Selection Index	
Sire Dam	Reg.	PV	HBR		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	
																													48%
<b>VSNG34</b>	<b>STRATHEWEN BERKLEY G34</b>			+0.23	+7.6	+7.9	-6.5	+3.6	+57	+108	+142	+148	+19	+2.3	-7.1	+83	+6.3	+0.9	+0.1	+0.2	+2.1	-0.09	+30	+1.10	+1.24	+1.10	\$227	\$432	
VTMB1 VSNE22	HBR			48%	84%	76%	95%	94%	93%	93%	93%	91%	90%	88%	68%	91%	90%	89%	90%	86%	91%	85%	89%	88%	88%	85%	227	432	
				99	11	9	21	42	25	14	12	5	39	44	9	15	52	30	43	59	57	19	20	91	95	73	29	5	
<b>USA17236055</b>	<b>SYDGEN BLACK PEARL 2006</b>			-0.08	+2.3	+7.5	-7.1	+3.2	+51	+85	+123	+86	+21	+1.5	-3.7	+74	+8.3	+0.3	-0.6	+0.5	+2.9	+0.30	+16	+1.04	+1.20	+1.14	\$215	\$346	
USA15354674 USA16214508	HBR			37%	98%	93%	99%	99%	99%	99%	99%	98%	99%	99%	89%	98%	97%	97%	97%	96%	97%	92%	99%	99%	99%	98%	215	346	
				34	56	11	15	33	51	75	45	75	22	74	75	36	29	43	56	41	37	58	71	85	92	82	42	59	
<b>VTMK52</b>	<b>TE MANIA KALIBROOK K52</b>			-0.01	+7.7	+5.4	-3.3	+1.3	+51	+102	+128	+104	+30	+1.7	-6.1	+71	+4.2	+0.8	+1.9	-0.7	+5.6	+1.41	+8	+1.22	+1.12	+1.18	\$245	\$414	
USA16295688 VTMH423	HBR			39%	79%	70%	94%	95%	92%	92%	91%	88%	84%	88%	66%	88%	86%	85%	87%	83%	89%	80%	87%	90%	90%	87%	245	414	
				60	10	30	70	7	54	26	34	48	1	67	22	44	77	32	17	94	3	99	93	98	83	89	13	10	
<b>VTMK138</b>	<b>TE MANIA KIRBY K138</b>			+0.00	+0.5	+7.9	-1.4	+4.7	+52	+89	+118	+99	+20	+2.6	-8.0	+64	+6.3	+1.8	+3.1	-1.9	+8.6	+0.89	+15	+0.78	+0.76	+0.94	\$255	\$415	
USA16295688 VTMH17	HBR			37%	88%	81%	99%	99%	98%	98%	98%	98%	98%	98%	84%	97%	97%	96%	97%	95%	96%	90%	99%	99%	99%	99%	255	415	
				63	70	9	90	68	48	64	57	55	29	33	4	65	52	16	8	99	1	96	75	37	10	25	8	10	
<b>VTMN424</b>	<b>TE MANIA NEBO N424</b>			-0.26	+9.2	-0.9	-6.7	+4.0	+53	+101	+134	+102	+29	+4.3	-4.9	+53	+6.8	-0.6	-4.0	+0.2	+3.9	-0.06	+48	+0.92	+0.84	+0.92	\$212	\$362	
VTMJ89 VTMJ214	HBR			40%	91%	84%	99%	98%	98%	98%	98%	97%	97%	97%	73%	97%	96%	95%	96%	90%	94%	85%	98%	98%	98%	98%	212	362	
				3	4	86	19	52	43	28	24	50	2	4	47	89	46	64	95	59	18	21	1	66	22	20	47	46	
<b>VTMN1387</b>	<b>TE MANIA NEON N1387</b>			-0.22	+0.9	+2.3	-6.4	+3.6	+47	+84	+105	+95	+18	+1.3	-6.3	+38	+3.0	+0.1	-1.0	-2.2	+10.	-0.36	+25	+0.74	+0.80	+0.92	\$212	\$354	
VTMK138 VTML452	HBR			39%	82%	74%	98%	98%	98%	98%	97%	96%	92%	96%	66%	94%	93%	92%	94%	85%	93%	87%	98%	97%	97%	96%	212	354	
				5	67	63	22	42	71	76	81	63	42	80	19	99	87	48	63	99	1	6	36	29	15	20	46	53	
<b>VTMP888</b>	<b>TE MANIA PESO P888</b>			-0.20	+7.6	+5.9	-5.3	+2.0	+56	+113	+144	+116	+25	+2.4	-7.0	+88	+5.9	-0.2	+1.0	+0.4	+1.8	-0.15	+24	+0.84	+1.08	+0.98	\$255	\$439	
VTMK226 VTMH423	HBR			41%	81%	73%	98%	98%	97%	97%	97%	96%	94%	94%	70%	94%	94%	93%	94%	87%	93%	84%	96%	95%	95%	93%	255	439	
				7	11	25	38	14	29	7	10	29	6	40	10	8	57	55	29	47	64	15	38	50	76	36	8	4	
<b>VTMQ854</b>	<b>TE MANIA QUEBEC Q854</b>			-0.05	+8.7	+2.0	-2.4	+1.5	+55	+95	+123	+82	+27	+1.3	-4.5	+69	+3.5	+1.3	+0.0	-0.3	+3.5	+0.48	+32	+0.62	+0.76	+0.72	\$227	\$363	
USA18229488 VTML1244	HBR			37%	85%	75%	98%	98%	97%	97%	97%	95%	91%	96%	62%	93%	92%	91%	92%	83%	93%	86%	97%	98%	98%	97%	227	363	
				45	6	66	81	9	37	46	45	81	3	80	57	49	83	23	45	83	25	76	13	11	10	2	29	45	
<b>VTMR970</b>	<b>TE MANIA RESOLUTION R970</b>			-0.08	+2.6	+5.5	-4.5	+3.4	+57	+108	+137	+102	+25	+2.0	-6.6	+81	+9.2	+0.0	-0.1	+0.6	+3.0	-0.17	+27	+0.76	+0.88	+1.16	\$269	\$433	
VTMP149 VTMP287	HBR			39%	75%	61%	94%	95%	92%	92%	88%	84%	77%	83%	47%	78%	75%	76%	77%	69%	78%	65%	89%	79%	79%	76%	269	433	
				34	53	29	50	38	25	15	18	50	8	56	15	19	21	50	47	35	35	13	27	33	30	86	3	5	
<b>DXTR725</b>	<b>TEXAS ICEMAN R725</b>			-0.20	-0.6	+3.0	-3.9	+3.7	+53	+100	+128	+104	+13	+2.2	-2.8	+77	+12.4	+3.2	+5.1	+0.2	+1.7	+0.09	+40	+1.28	+0.94	+0.60	\$215	\$360	
USA18962396 DXTH647	HBR			37%	81%	66%	98%	98%	97%	97%	96%	89%	81%	96%	53%	83%	85%	84%	84%	79%	84%	68%	96%	89%	88%	86%	215	360	
				7	77	56	60	45	44	32	33	48	83	48	89	26	5	5	2	59	67	35	4	99	44	1	42	48	
<b>DXTM100</b>	<b>TEXAS MT KAPUTAR M100</b>			-0.31	+5.4	+7.1	-10.0	+4.6	+61	+106	+145	+137	+14	+3.7	-3.4	+84	+5.2	-2.4	-3.8	+0.2	+2.1	+0.26	+34	+0.96	+1.14	+1.00	\$191	\$371	
USA15848590 DXTZ183	HBR			37%	82%	71%	97%	96%	95%	95%	94%	90%	91%	92%	64%	90%	88%	88%	89%	83%	89%	80%	93%	85%	85%	81%	191	371	
				1	27	14	2	66	13	17	9	9	74	9	81	13	66	92	94	59	57	53	11	73	86	43	69	39	
<b>DBLL292</b>	<b>TOPBOS LEADING EDGE L292</b>			+0.08	+2.6	+8.6	-5.9	+6.5	+73	+125	+164	+152	+23	+1.4	-4.2	+84	+4.5	-2.2	-5.1	+0.1	+1.6	+0.03	+20	+0.94	+0.80	+0.82	\$225	\$416	
USA16295688 VSNF04	HBR			40%	89%	75%	98%	98%	97%	97%	97%	95%	96%	97%	70%	93%	92%	91%	92%	88%	93%	86%	97%	92%	92%	88%	225	416	
				86	53	6	29	93	1	2	2	4	12	77	64	14	74	91	98	65	69	29	56	70	15	6	31	10	
<b>USA18066037</b>	<b>V A R LEGEND 5019</b>			+0.00	-5.0	+4.9	-6.3	+5.1	+69	+122	+149	+159	+8	+2.8	-3.9	+88	+9.5	-3.9	-5.9	+1.4	+1.9	-0.25	+20	+1.04	+0.62	+0.86	\$215	\$396	
USA17262835 USA16924432	HBR			37%	81%	70%	96%	96%	94%	94%	94%	91%	89%	90%	62%	90%	88%	87%	87%	80%	90%	80%	89%	97%	96%	81%	215	396	
				63	93	35	24	76	3	2	7	2	97	27	71	9	19	99	99	6	62	9	56	85	2	10	42	20	
<b>Breed Average EBVs</b>				<b>-0.04</b>	<b>+2.3</b>	<b>+3.1</b>	<b>-4.6</b>	<b>+3.9</b>	<b>+52</b>	<b>+93</b>	<b>+121</b>	<b>+103</b>	<b>+17</b>	<b>+2.2</b>	<b>-4.8</b>	<b>+69</b>	<b>+6.6</b>	<b>+0.1</b>	<b>-0.2</b>	<b>+0.4</b>	<b>+2.5</b>	<b>+0.24</b>	<b>+21</b>	<b>+0.84</b>	<b>+0.96</b>	<b>+1.02</b>	<b>+206</b>	<b>+353</b>	

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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		
<b>NZE18954020</b> NZE21159016327 NZE18954118P105	<b>WAITANGI R257<sup>PV</sup></b> HBR	-0.14 39% 17	+0.6	+1.3	-6.6	+3.8	+53	+92	+125	+102	+25	+3.3	-8.2	+68	+9.2	+0.0	-0.4	+0.0	+5.5	+1.46	+20	+0.84	+0.68	+0.90	\$257	\$413		
<b>LEJ21S102</b> NJWN498 ASHL24	<b>WALLAWONG SAFE &amp; SOUND</b> HBR	+0.10 37% 89	+7.0	+3.3	-6.4	+4.6	+48	+85	+108	+93	+19	+2.1	-2.4	+61	+6.4	-1.1	-1.2	+0.5	+4.1	+0.37	+14	+0.54	+0.72	+1.08	\$193	\$327		
<b>QKBP29</b> SMPG357 QKBM01	<b>WARRAWEE PATROL P29<sup>PV</sup></b> HBR	+0.04 46% 76	+7.2	+10.9	-11.9	+3.0	+56	+105	+140	+131	+18	+2.3	-10.1	+100	+9.2	+3.6	+2.0	+0.1	+2.1	+0.67	+30	+0.80	+1.16	+1.00	\$270	\$479		
<b>NWPG188</b> USA15462648 NWPE295	<b>WATTLETOP FRANKLIN G188<sup>SV</sup></b> HBR	+0.15 40% 95	+4.5	+6.7	-4.4	+2.3	+64	+109	+140	+116	+25	+3.7	-3.7	+84	+1.6	-1.3	-2.6	-0.1	+0.4	-1.12	+33	+1.10	+0.98	+0.98	\$192	\$355		
<b>NWPE111</b> USA14474596 NWPC36	<b>WATTLETOP SITZ 458N E111<sup>SV</sup></b> HBR	+0.22 79% 99	+4.7	+7.0	-3.8	+2.7	+51	+91	+125	+97	+25	+2.0	-1.4	+83	+5.6	-4.2	-3.4	+0.9	+2.8	-0.53	+26	+0.98	+0.92	+1.10	\$188	\$324		
<b>CWDJ17</b> BNAD145 CWDF14	<b>WEATHERLY JAMES J17<sup>SV</sup></b> HBR	-0.23 49% 5	-2.6	-4.9	-3.3	+6.0	+50	+84	+111	+118	+3	+1.3	-3.8	+67	+8.6	+1.0	+2.3	+1.0	+3.3	-0.03	+5	+0.84	+1.24	+1.04	\$197	\$334		
<b>CWDM5</b> SMPG357 CWDJ15	<b>WEATHERLY MOXY M5<sup>SV</sup></b> HBR	-0.34 43% 1	+2.9	+6.9	-4.4	+4.0	+56	+100	+135	+113	+27	+2.7	-6.4	+93	+7.2	+2.9	+0.0	+0.3	+2.6	+0.27	+20	+0.94	+1.06	+1.00	\$237	\$404		
<b>Breed Average EBVs</b>		<b>-0.04</b>	<b>+2.3</b>	<b>+3.1</b>	<b>-4.6</b>	<b>+3.9</b>	<b>+52</b>	<b>+93</b>	<b>+121</b>	<b>+103</b>	<b>+17</b>	<b>+2.2</b>	<b>-4.8</b>	<b>+69</b>	<b>+6.6</b>	<b>+0.1</b>	<b>-0.2</b>	<b>+0.4</b>	<b>+2.5</b>	<b>+0.24</b>	<b>+21</b>	<b>+0.84</b>	<b>+0.96</b>	<b>+1.02</b>	<b>+206</b>	<b>+353</b>		

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