



Shear Force

RESEARCH BREEDING VALUES

DECEMBER 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.

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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Sire Dam	Reg.	Shear Force	Calv-Ease		Birth		Growth			Maternal		Fert		Carcase						Feed	Temp	Structural			Selection Index			
			Dir	Dtrs	GL	BW	200	400	600	MCW	Milk	SS	DC	CW	EMA	Rib	P8	RBY	IMF	NFI-F	Doc	Claw	Angle	Leg	\$A	\$A-L		
QRB22T10 USA17328461 NBNH88	AISTHORPE LM TORNADO T10 HBR	+0.01 38% 66	+1.1 73% 64	-2.5 63% 91	-6.2 89% 24	+5.0 87% 73	+56 87% 29	+100 86% 30	+128 85% 34	+108 82% 41	+16 78% 61	+3.7 80% 9	-4.6 52% 53	+76 77% 29	+7.8 75% 34	-0.3 75% 56	-1.6 76% 72	+0.9 70% 20	+1.8 78% 64	-0.29 68% 8	+7 80% 93	+0.80 72% 42	+0.88 72% 29	+0.70 67% 1	\$211 46	\$357 48		
NXO21S957 NXOQ654 NXOP733	AJC S957 ^{PV} APR	-0.19 39% 9	+6.2 74% 19	+10.0 61% 2	-5.3 92% 37	+3.0 92% 29	+54 90% 40	+97 89% 38	+125 86% 39	+70 83% 90	+23 78% 13	+2.5 83% 37	-8.6 43% 2	+68 77% 50	+9.2 72% 21	+2.7 74% 7	+1.6 75% 21	-1.0 65% 97	+7.9 76% 1	+0.23 64% 50	+34 83% 10	+0.94 67% 71	+0.94 67% 43	+0.70 63% 1	\$312 1	\$473 1		
ARRR11 CAN2043806 QMUN24	ALKIRA RENEGADE R11 ^{PV} HBR	+0.27 37% 99	+7.3 68% 12	+6.0 59% 23	-4.1 96% 56	+2.3 95% 18	+45 92% 80	+95 93% 45	+126 93% 39	+99 86% 56	+25 78% 8	+2.3 86% 44	-7.9 51% 4	+61 79% 72	+8.4 80% 28	+1.9 80% 14	+1.3 80% 25	+0.0 74% 70	+2.0 81% 58	+0.46 83% 74	-1 89% 99	+0.74 87% 30	+0.78 87% 12	+0.88 81% 13	\$226 29	\$394 19		
DGJG10 VTMB1 DGJZ15	ALLOURA GET CRACKING G10 ^{SV} HBR	-0.05 48% 45	+8.0 95% 8	+7.4 86% 11	-2.9 99% 74	+2.7 99% 24	+44 98% 83	+74 98% 93	+87 98% 97	+86 98% 75	+12 98% 85	-0.4 97% 99	-8.6 78% 2	+47 96% 94	+14.4 94% 2	+1.4 95% 21	+0.4 95% 39	+0.9 91% 20	+5.8 94% 2	+0.43 89% 72	+6 97% 95	+0.50 96% 4	+0.98 96% 53	+0.92 94% 20	\$273 3	\$429 6		
DGJQ30 WWEL3 DGJK117	ALLOURA QUINELLA Q30 ^{SV} HBR	-0.09 42% 31	+1.6 74% 60	+0.4 68% 77	+0.5 94% 98	+2.9 93% 27	+53 91% 44	+97 91% 40	+117 92% 57	+122 87% 22	+14 81% 76	+3.3 83% 15	-7.6 62% 6	+65 89% 60	+14.0 88% 2	+0.1 87% 47	+0.5 88% 37	+0.8 79% 25	+7.2 90% 1	+0.40 82% 69	+15 89% 73	+0.90 85% 63	+1.02 85% 63	+1.14 81% 82	\$282 2	\$459 2		
DGJ21S14 USA18217198 DGJQ02	ALLOURA SYNERGY S14 ^{PV} HBR	+0.16 39% 96	+5.0 75% 29	+6.4 65% 19	-7.4 93% 12	+2.7 91% 24	+60 90% 17	+106 88% 17	+137 86% 19	+129 84% 15	+13 78% 78	+3.1 81% 20	-6.9 52% 11	+83 78% 14	+7.7 75% 35	-0.1 76% 51	-1.8 77% 75	+0.4 68% 47	+3.1 78% 32	+0.64 68% 87	+22 87% 44	+1.06 76% 88	+1.14 76% 85	+1.00 73% 42	\$248 11	\$437 4		
CGKR232 NORN542 CGKM152	ALPINE RONALDO R232 ^{PV} HBR	-0.13 42% 19	+7.5 70% 11	+6.6 62% 17	-5.7 96% 31	+1.8 94% 12	+55 93% 34	+102 93% 26	+140 93% 14	+117 87% 28	+24 79% 8	+3.1 89% 20	-5.3 55% 36	+81 81% 19	+12.3 81% 5	-4.1 81% 99	-3.8 81% 94	+0.8 75% 25	+3.5 82% 24	-0.10 83% 18	+24 89% 34	+0.58 90% 8	+0.76 90% 9	+1.04 87% 55	\$239 17	\$413 10		
NAQA241 USA2928 NAQW38	ARDROSSAN EQUATOR A241 ^{PV} HBR	-0.01 81% 60	-1.3 99% 80	+2.9 98% 56	-4.4 99% 51	+4.1 99% 54	+49 99% 61	+91 99% 57	+121 99% 49	+109 99% 40	+20 99% 28	+3.2 99% 17	-8.8 96% 2	+84 99% 13	+7.9 98% 33	-2.0 98% 33	-0.3 98% 88	+1.2 98% 51	+1.7 98% 10	+0.67 96% 66	+24 99% 89	+0.48 99% 3	+0.86 99% 25	+1.00 99% 42	\$229 25	\$388 23		
NAQQ67 NMMN334 NAQL96	ARDROSSAN NECTAR Q67 ^{PV} HBR	+0.08 43% 85	+6.2 84% 19	+6.7 71% 16	-10.4 96% 1	+3.5 96% 40	+55 95% 36	+99 95% 33	+129 95% 33	+129 89% 15	+9 86% 94	+2.8 91% 27	-6.8 59% 12	+53 89% 87	+5.1 88% 66	+1.7 88% 17	-0.2 89% 49	-0.3 80% 83	+2.5 90% 46	+0.09 81% 35	+35 94% 8	+0.32 91% 1	+0.80 92% 14	+1.04 85% 55	\$212 45	\$398 17		
QQFH147 VTME343 NMMF123	ASCOT HALLMARK H147 ^{PV} HBR	-0.31 43% 1	-3.2 96% 88	+2.0 89% 65	-5.0 99% 41	+7.0 99% 96	+60 98% 17	+110 98% 12	+152 98% 5	+137 98% 10	+15 98% 70	+3.7 98% 9	-5.8 80% 27	+79 96% 22	-1.4 95% 99	+0.7 96% 34	-0.1 96% 47	-0.9 94% 96	+3.3 95% 28	+0.31 90% 59	+18 97% 60	+0.48 95% 3	+0.88 95% 29	+1.02 94% 49	\$197 62	\$365 41		
HIOE7 VTMB219 BVVB32	AYRVALE BARTEL E7 ^{PV} HBR	-0.10 83% 28	+8.5 99% 6	+8.9 97% 4	-4.4 99% 51	+1.8 99% 12	+50 99% 60	+87 99% 70	+113 99% 67	+76 99% 86	+25 99% 6	+2.6 99% 33	-9.7 94% 1	+64 98% 63	+7.9 98% 33	-0.4 98% 58	+0.8 98% 32	+1.1 98% 13	+3.5 98% 24	+0.31 96% 59	+4 99% 96	+1.04 99% 85	+1.00 99% 58	+1.14 99% 82	\$294 1	\$454 2		
NBB21S86 NMMP15 NBBQ25	BALD BLAIR STIRLING S86 ^{PV} HBR	-0.03 39% 52	+5.7 80% 23	+9.5 68% 2	-3.6 96% 64	+2.6 96% 22	+65 94% 6	+112 94% 9	+149 94% 7	+120 88% 25	+19 80% 34	+4.1 89% 5	-5.5 57% 32	+95 76% 4	+5.0 81% 67	-1.9 81% 81	-3.3 81% 70	+0.0 76% 21	+3.7 82% 20	-0.07 81% 20	+3 93% 97	+0.70 91% 23	+0.62 91% 2	+1.06 88% 61	\$252 9	\$435 4		
ECMM114 VTMB1 BBAZ107	BANNABY BERKLEY M114 ^{SV} HBR	-0.03 46% 52	+4.1 79% 38	+2.7 71% 58	-9.8 95% 2	+4.1 94% 54	+55 92% 33	+94 92% 47	+136 93% 20	+163 88% 2	+5 85% 99	+4.0 88% 6	-8.7 66% 2	+65 87% 60	+2.8 86% 88	-1.2 86% 76	-3.7 87% 93	+0.3 80% 53	+2.6 88% 43	+0.04 80% 30	+17 85% 63	+0.80 87% 42	+0.78 88% 12	+1.10 84% 73	\$189 69	\$394 20		
Breed Average EBVs		-0.04	+2.1	+3.0	-4.5	+3.9	+52	+93	+120	+102	+17	+2.2	-4.8	+68	+6.5	+0.0	-0.2	+0.4	+2.4	+0.23	+21	+0.84	+0.96	+1.02	+205	+350		

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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	
VONN462 VONJ507 VONK224	BANQUET NUTTELLA N462 ^{PV} HBR	-0.04 42% 49	-1.6 85% 81	+2.5 70% 60	-3.9 96% 59	+7.2 98% 97	+57 97% 28	+105 97% 19	+144 96% 11	+111 91% 36	+24 90% 9	+3.4 94% 14	-4.7 59% 50	+69 90% 47	+3.4 88% 83	-0.1 88% 51	-1.5 89% 71	+0.1 82% 65	+1.2 90% 78	-0.44 78% 4	+54 96% 1	+0.54 81% 5	+0.94 81% 43	+0.86 75% 10	\$192 67	\$338 63	
NBNN239 USA16956101 NBNH215	BEN NEVIS NEWSFLASH N239 ^{PV} HBR	-0.23 39% 5	+0.0 86% 72	+3.0 75% 55	-4.2 98% 54	+4.9 98% 71	+59 96% 21	+98 97% 35	+134 97% 23	+116 94% 29	+18 93% 42	+0.8 93% 90	-2.2 64% 94	+83 92% 15	+5.5 91% 61	-2.2 91% 90	+0.1 91% 44	+0.4 85% 47	+1.3 92% 76	+0.22 84% 49	+11 91% 86	+0.94 94% 71	+1.00 93% 58	+0.92 90% 20	\$190 69	\$331 68	
NBNP122 USA17960722 NBNM115	BEN NEVIS PRIME P122 ^{PV} HBR	+0.07 42% 83	+4.1 79% 38	+7.6 69% 10	+0.2 94% 97	+2.3 95% 18	+55 93% 35	+85 93% 74	+107 94% 77	+72 88% 89	+11 84% 88	+2.9 87% 24	-4.4 59% 57	+58 82% 77	+6.5 83% 49	+1.6 83% 18	+2.6 83% 11	-0.5 78% 89	+4.6 83% 9	+0.46 80% 74	+23 85% 40	+0.74 92% 30	+0.74 92% 8	+0.98 88% 36	\$242 15	\$376 32	
NBNR138 USA17960722 NBNP153	BEN NEVIS RONAN R138 ^{PV} HBR	+0.12 38% 92	+4.5 76% 34	+6.7 68% 16	-8.3 88% 7	+3.4 90% 38	+73 90% 1	+119 90% 4	+146 90% 9	+136 85% 10	+11 79% 90	+2.3 82% 44	-4.3 56% 60	+78 80% 24	+9.1 77% 21	-1.7 77% 84	-2.6 78% 85	+0.7 71% 30	+1.3 79% 76	+0.07 72% 33	+28 85% 22	+0.74 85% 30	+0.86 88% 25	+0.94 84% 25	\$251 9	\$439 4	
WMYF3 VLYC402 WMYD120	BLACKROCK F3 ^{SV} HBR	+0.22 75% 99	+4.5 79% 34	+4.9 70% 34	-9.1 95% 4	+2.8 95% 25	+50 94% 59	+86 93% 72	+117 93% 58	+82 90% 79	+15 89% 63	+1.0 91% 86	-2.2 63% 94	+84 89% 13	+7.5 88% 37	-0.2 88% 54	+0.3 89% 40	+0.2 81% 59	+1.8 90% 64	+0.49 81% 77	+25 90% 33	+1.00 87% 80	+1.14 87% 85	+1.10 83% 73	\$191 68	\$318 77	
NGXQ227 VLYM518 NGXN221	BONGONGO BE QUICK Q227 ^{PV} HBR	-0.12 41% 22	+4.2 74% 37	+2.2 67% 63	-3.7 98% 63	+2.8 97% 25	+51 95% 54	+90 95% 60	+112 94% 68	+67 90% 93	+22 82% 15	+3.6 91% 11	-5.9 63% 25	+63 90% 66	+11.5 90% 8	+0.7 89% 34	+2.9 90% 9	+0.2 82% 59	+5.7 91% 3	+1.04 83% 99	+18 91% 62	+0.64 88% 14	+1.12 88% 83	+1.12 85% 78	\$279 2	\$415 10	
NGXP212 NORL508 NGXL13	BONGONGO P212 ^{PV} HBR	-0.08 39% 34	+6.9 76% 14	+8.9 68% 4	-6.7 96% 18	+2.3 96% 18	+47 95% 71	+87 95% 70	+102 94% 84	+81 93% 81	+23 86% 14	+3.8 87% 8	-9.2 62% 1	+53 90% 87	+4.2 89% 76	+3.1 89% 5	+5.8 89% 1	-1.1 82% 98	+4.8 90% 7	+0.84 82% 95	+9 86% 89	+0.80 85% 42	+0.86 85% 25	+0.90 81% 16	\$255 7	\$421 8	
NUIF32 NGMC196 NUID96	BONNY BROOKE FALCO F32 ^{SV} HBR	+0.08 45% 85	-2.9 67% 87	-9.9 55% 99	-0.2 91% 96	+5.9 89% 87	+54 91% 39	+83 89% 78	+110 90% 73	+92 84% 67	+18 78% 44	-0.5 77% 99	-2.1 52% 94	+66 84% 59	-1.7 82% 99	+2.1 82% 12	+1.4 83% 24	-1.2 73% 99	+2.2 82% 53	-0.41 73% 5	+20 81% 54	+0.98 79% 77	+0.92 79% 38	+1.06 74% 61	\$132 97	\$229 98	
HCAQ63 NGMG120 HCAK233	BOONAROO GENIUS Q63 ^{SV} HBR	+0.02 45% 70	+10.1 78% 2	+4.4 67% 40	-5.6 91% 32	+0.8 95% 5	+48 94% 69	+89 93% 62	+111 90% 71	+96 90% 60	+18 85% 41	+1.6 89% 70	-7.9 52% 4	+64 81% 62	+2.2 79% 91	+2.6 79% 8	+3.7 80% 5	-0.5 73% 89	+3.3 80% 28	-0.42 68% 4	+30 92% 17	+0.74 88% 30	+0.94 89% 43	+1.16 85% 86	\$229 26	\$391 22	
NGME124 NAQA241 NGMB325	BOOROOMOOKA INSPIRED E124 HBR	-0.19 81% 9	-5.6 97% 94	-0.5 92% 83	-6.0 99% 27	+3.7 99% 44	+45 98% 78	+82 98% 80	+107 98% 77	+104 98% 46	+15 98% 67	+0.9 98% 88	-8.8 84% 2	+83 97% 15	+3.5 96% 82	-0.3 96% 56	+3.7 96% 5	-0.3 95% 83	+2.3 96% 51	+0.98 90% 98	+18 98% 60	+0.80 97% 42	+0.80 97% 14	+0.80 96% 5	\$193 66	\$332 68	
NGM21S267 VTMN549 NGMQ580	BOOROOMOOKA NEWLY S267 HBR	-0.19 38% 9	+8.0 73% 8	+6.5 63% 18	-7.1 95% 15	+0.7 93% 4	+51 92% 53	+90 92% 60	+118 88% 55	+95 84% 62	+21 79% 21	+2.1 90% 52	-5.1 52% 41	+76 79% 30	+6.1 74% 54	+1.2 75% 24	+1.4 76% 24	+0.1 68% 65	+4.5 77% 10	+0.58 67% 84	+29 90% 20	+0.44 78% 2	+0.64 78% 2	+0.84 75% 8	\$238 18	\$393 20	
NGMN213 NGML201 NGML45	BOOROOMOOKA NORMANDY HBR	-0.12 42% 22	+11.1 79% 1	+10.4 68% 1	-7.6 95% 11	+1.0 97% 6	+41 96% 90	+73 96% 94	+99 96% 88	+71 94% 90	+22 91% 16	+3.3 94% 15	-9.1 57% 1	+49 90% 92	+3.9 87% 79	-2.8 87% 95	-3.2 88% 90	+1.0 79% 16	+3.3 89% 28	+0.94 80% 97	+30 95% 16	+0.74 94% 30	+0.60 94% 1	+1.02 87% 49	\$230 25	\$377 32	
NGMP96 WWEL3 NGMM566	BOOROOMOOKA PARAGON P96 HBR	-0.07 42% 37	-3.8 83% 90	+2.6 76% 59	-7.6 99% 11	+3.7 99% 44	+64 98% 8	+120 98% 3	+164 98% 2	+132 97% 13	+29 94% 2	+3.6 98% 11	-7.9 68% 4	+111 94% 1	+13.1 92% 4	-2.8 92% 95	-1.3 93% 68	+1.5 85% 5	+2.3 93% 51	+0.88 88% 96	+31 99% 15	+0.82 98% 46	+0.96 98% 48	+1.06 96% 61	\$287 1	\$467 1	
Breed Average EBVs		-0.04	+2.1	+3.0	-4.5	+3.9	+52	+93	+120	+102	+17	+2.2	-4.8	+68	+6.5	+0.0	-0.2	+0.4	+2.4	+0.23	+21	+0.84	+0.96	+1.02	+205	+350	

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			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			
NGMR49 USA17960722 NGMP361	BOOROOMOOKA RAUDONIKIS HBR	-0.01 37% 60	+5.0 72% 29	+4.3 66% 41	-5.3 92% 37	+3.7 93% 44	+64 92% 8	+106 92% 17	+131 92% 28	+101 88% 52	+20 80% 30	+3.6 87% 11	-2.8 56% 88	+74 80% 35	+12.6 80% 5	-0.5 80% 61	-2.0 80% 78	+1.2 74% 10	+1.0 80% 82	+0.17 82% 44	+31 89% 15	+1.04 88% 85	+0.82 88% 17	+0.84 84% 8	\$237 19	\$389 23			
SRKK306 NJWG279 TFAD58	BOWMONT KING K306 ^{PV} HBR	-0.12 45% 22	+0.1 81% 72	-6.6 78% 98	-4.6 97% 48	+4.5 98% 63	+49 97% 63	+78 97% 87	+103 97% 84	+86 95% 75	+2 95% 99	-0.3 96% 99	-4.2 71% 62	+65 94% 60	+14.7 93% 2	-0.4 93% 58	-1.8 93% 75	+1.5 91% 5	+4.7 94% 8	+0.45 87% 73	+25 97% 32	+0.56 94% 7	+0.92 94% 38	+0.70 92% 1	\$234 21	\$350 54			
WLHD19 USA13058662 USA14311946	CHERYLTON STEWIE D19 ^{PV} HBR	+0.05 83% 78	+3.2 95% 46	+3.3 89% 52	-4.6 98% 48	+3.1 98% 31	+45 98% 78	+89 98% 62	+110 98% 72	+96 97% 60	+19 98% 32	+2.2 98% 48	-7.1 78% 9	+57 96% 81	+4.7 95% 71	-1.6 95% 82	+1.1 95% 28	-0.2 93% 79	+4.1 95% 15	+0.43 89% 72	+15 96% 73	+1.02 95% 83	+1.02 95% 63	+1.04 92% 55	\$220 36	\$373 35			
GTNM6 VTMF734 VSNF15	CHILTERN PARK MOE M6 ^{PV} HBR	-0.18 44% 10	+5.0 92% 29	+4.0 87% 44	-1.2 99% 91	+3.1 99% 31	+52 99% 51	+99 99% 32	+135 99% 22	+80 98% 82	+31 98% 1	+1.4 99% 76	-5.1 78% 41	+84 96% 14	+6.6 94% 48	-1.1 95% 74	+0.5 95% 37	+0.2 92% 59	+1.8 95% 64	+0.27 88% 55	+39 99% 5	+0.72 99% 26	+1.06 99% 72	+1.08 99% 67	\$235 20	\$376 32			
GTNP9 HKFJ5 GTNK26	CHILTERN PARK PICASSO P9 ^{PV} HBR	+0.05 48% 78	+8.9 85% 5	+9.5 72% 2	-3.5 99% 66	+1.1 98% 6	+53 98% 43	+100 98% 31	+128 97% 33	+86 93% 75	+25 89% 7	+3.6 97% 11	-8.1 64% 4	+88 90% 8	+6.1 89% 54	-0.5 88% 61	+1.0 89% 29	-0.6 82% 91	+4.0 90% 16	+0.67 79% 89	+30 97% 17	+0.64 95% 14	+0.76 95% 9	+0.82 92% 6	\$264 4	\$433 5			
GTNQ322 USA18636106 GTNL198	CHILTERN PARK QUADRANT HBR	+0.11 40% 90	+6.6 82% 16	+4.0 70% 44	-2.1 97% 84	+3.6 97% 42	+62 94% 12	+115 96% 6	+145 95% 10	+104 89% 47	+21 81% 23	+4.4 85% 4	-6.3 59% 18	+91 90% 6	+12.9 88% 4	-1.7 88% 84	-1.1 89% 65	+0.6 80% 35	+3.9 91% 17	+0.97 82% 98	+5 87% 95	+1.08 85% 90	+1.12 85% 83	+1.00 81% 42	\$291 1	\$467 1			
QMUM13 USA16295688 QMUG1	CLUNES CROSSING DUSTY M13 HBR	+0.17 40% 96	+2.3 85% 54	+6.1 82% 22	-6.6 99% 20	+5.3 99% 78	+63 98% 10	+99 98% 34	+116 98% 61	+56 98% 97	+16 98% 56	+0.9 98% 88	-6.9 79% 11	+67 96% 54	+12.5 95% 5	-2.5 95% 93	-3.0 95% 89	+0.9 93% 20	+2.1 95% 56	+0.38 89% 67	+10 98% 88	+0.86 98% 55	+0.86 98% 25	+0.98 97% 36	\$294 1	\$421 7			
NBHF526 USA13346328 NBHD124	CLUNIE RANGE FIRST CLASS HBR	+0.04 74% 75	-4.7 80% 92	+4.0 70% 44	-4.7 95% 46	+6.7 95% 94	+63 93% 10	+104 93% 21	+134 89% 23	+90 89% 69	+17 84% 52	+1.8 88% 63	-1.5 65% 97	+90 91% 7	+4.3 90% 75	-0.2 89% 54	-1.3 90% 68	+0.3 90% 53	+0.0 92% 95	+0.31 85% 59	+12 88% 83	+0.84 88% 51	+1.04 88% 68	+1.20 83% 92	\$182 76	\$295 87			
NBHL348 NZE14647008839 AHWJ81	CLUNIE RANGE LEGEND L348 ^{PV} HBR	+0.12 39% 92	-6.9 95% 96	+4.6 88% 37	-7.7 99% 10	+5.8 99% 86	+56 98% 30	+102 98% 26	+123 98% 45	+152 98% 4	+2 98% 99	+2.8 98% 27	-5.7 81% 28	+62 96% 68	-0.1 94% 98	+3.9 95% 2	+0.8 95% 32	-0.8 93% 95	+2.5 94% 46	+0.10 88% 36	+22 97% 41	+0.50 97% 4	+0.80 97% 14	+1.20 96% 92	\$152 93	\$321 75			
NBHP392 USA17960722 NBHM516	CLUNIE RANGE PLANTATION HBR	+0.19 37% 98	+5.2 87% 27	+5.0 80% 33	-5.1 99% 40	+4.4 99% 61	+68 98% 4	+117 98% 5	+145 98% 10	+111 96% 37	+21 93% 22	+5.4 98% 1	-4.6 70% 53	+71 92% 41	-1.3 91% 99	-0.3 91% 56	-1.4 91% 69	-1.6 84% 99	+3.9 91% 17	+0.29 83% 57	+24 98% 35	+0.72 98% 26	+0.88 98% 29	+0.84 97% 8	\$222 32	\$394 20			
WDCH249 USA14885809 WDCE9	COONAMBLE HECTOR H249 ^{SV} HBR	-0.03 51% 52	+0.9 96% 66	+1.2 89% 72	-8.4 99% 6	+4.6 99% 65	+45 98% 80	+80 98% 86	+99 98% 89	+92 98% 67	+6 98% 99	+1.4 98% 76	-4.6 80% 53	+45 96% 96	+9.0 95% 22	+4.3 96% 2	+4.4 96% 3	+0.6 94% 35	+0.3 95% 92	-0.43 89% 4	+38 98% 5	+0.40 96% 1	+0.48 96% 1	+0.78 94% 3	\$183 75	\$315 79			
USA19611994 USA18467508 USA18974126	DB ICONIC G95 ^{PV} HBR	+0.13 37% 93	+4.2 79% 37	+6.4 67% 19	-2.9 97% 74	+3.1 96% 31	+67 95% 4	+124 94% 2	+154 91% 4	+146 91% 5	+15 88% 70	+3.1 90% 20	-4.7 62% 50	+86 91% 10	+6.2 89% 53	+0.0 89% 49	+0.5 89% 37	-0.7 82% 93	+4.2 92% 13	+0.21 82% 48	+40 86% 4	+1.20 98% 97	+0.98 98% 53	+0.78 83% 3	\$249 10	\$450 2			
NJS21S15 USA18636106 QHEJ100	DEVANAH SATURN S15 ^{PV} HBR	-0.01 40% 60	+5.0 75% 29	+2.1 64% 64	-7.6 93% 11	+3.5 93% 40	+63 91% 9	+110 91% 11	+143 91% 12	+102 86% 50	+27 79% 4	+4.2 86% 5	-6.5 54% 16	+87 80% 10	+8.5 81% 27	-1.4 81% 79	-2.5 81% 84	+0.3 75% 53	+2.2 81% 53	+0.46 81% 74	+15 86% 73	+0.92 91% 67	+1.08 91% 76	+0.94 88% 25	\$256 7	\$420 8			
Breed Average EBVs		-0.04	+2.1	+3.0	-4.5	+3.9	+52	+93	+120	+102	+17	+2.2	-4.8	+68	+6.5	+0.0	-0.2	+0.4	+2.4	+0.23	+21	+0.84	+0.96	+1.02	+205	+350			

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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	
NJS22T48	DEVANAH TOLEDO T48 ^{PV}	-0.16	+6.7	+6.3	-0.9	+3.0	+57	+101	+130	+95	+22	+1.8	-6.0	+90	+7.4	+2.2	+3.3	-0.4	+1.7	+0.51	+28	+0.84	+1.22	+1.22	\$243	\$405	
GTNM6	HBR	43%	73%	67%	93%	92%	91%	91%	88%	85%	80%	84%	55%	80%	80%	80%	81%	74%	81%	71%	85%	85%	85%	81%			
NJSQ2		13	16	20	93	29	25	28	29	61	17	63	23	7	38	11	7	86	66	79	23	51	94	94	14	14	
WKGQ202	DIAMOND ONE ALL IN Q202 ^{SV}	-0.17	-9.4	-8.6	-5.7	+8.2	+74	+126	+174	+153	+22	+3.0	-5.1	+102	+10.5	-5.5	-5.7	+1.7	+0.2	-1.39	+32	+0.88	+0.58	+0.72	\$221	\$378	
WKGN129	HBR	36%	71%	57%	94%	91%	90%	90%	91%	85%	77%	79%	45%	78%	78%	79%	79%	72%	79%	83%	86%	85%	85%	79%			
WKGL21		11	98	99	31	99	1	1	1	4	15	22	41	1	12	99	99	3	93	1	13	59	1	2	34	30	
NGC21S068	DULVERTON SMART MISSILE	-0.02	+4.4	+3.3	-2.9	+2.1	+60	+101	+131	+95	+12	+2.4	-3.5	+72	+6.7	-0.9	+0.7	-0.1	+3.1	-0.56	+28	+1.02	+1.22	+1.08	\$236	\$384	
USA18170041	HBR	38%	78%	68%	96%	94%	94%	92%	89%	86%	79%	86%	55%	80%	77%	78%	78%	71%	79%	69%	90%	76%	77%	72%			
NGCM191		56	35	52	74	15	18	28	27	62	85	40	77	40	46	70	34	75	32	2	22	83	94	67	19	26	
BHRQ1163	DUNOON QUICK DRAW	-0.18	-0.9	+2.2	-5.7	+3.8	+57	+105	+138	+108	+22	+3.6	-3.5	+71	+9.6	-0.5	-2.2	-0.2	+5.9	+0.71	+13	+0.78	+0.60	+0.86	\$230	\$377	
BHRN394	HBR	41%	70%	60%	98%	98%	96%	96%	95%	89%	79%	90%	52%	83%	85%	84%	84%	78%	84%	68%	91%	85%	86%	81%			
BHRK074		10	78	63	31	47	27	20	17	40	18	11	77	44	18	61	81	79	2	90	80	38	1	10	25	31	
CYIR18	EBONY BEEF BILLIE RAY R18 ^{PV}	+0.04	+2.8	+7.8	-3.6	+5.3	+67	+107	+129	+70	+23	+2.9	-5.9	+77	+11.7	-2.3	-1.1	+0.7	+1.9	+0.74	-4	+1.04	+0.88	+1.10	\$293	\$434	
QMUM13	APR	44%	71%	65%	93%	92%	90%	91%	90%	86%	80%	82%	56%	81%	81%	81%	82%	75%	82%	81%	87%	87%	87%	84%			
CYIM611		75	50	9	64	78	4	16	31	90	14	24	25	26	7	91	65	30	61	92	99	85	29	73	1	4	
USA16198796	EF COMPLEMENT 8088 ^{PV}	-0.10	+4.6	+6.4	-4.6	+3.0	+53	+98	+130	+100	+21	+1.5	-7.1	+75	+7.6	+1.2	+0.7	+0.8	+1.5	+0.55	+20	+0.92	+1.24	+1.16	\$250	\$414	
USA14686137	HBR	43%	99%	96%	99%	99%	99%	99%	99%	99%	99%	99%	92%	98%	98%	98%	98%	97%	98%	94%	99%	99%	99%	99%			
USA15452880		28	33	19	48	29	45	36	29	54	25	73	9	31	36	24	34	25	71	82	53	67	95	86	10	10	
WWEL3	ESSLEMONT LOTTO L3 ^{PV}	-0.25	-5.2	-3.8	-5.3	+4.7	+61	+111	+141	+137	+14	+3.6	-9.9	+88	+14.8	-0.6	+0.8	+1.6	+3.7	+0.29	+14	+1.12	+0.98	+1.12	\$298	\$481	
HIOG18	HBR	45%	87%	87%	99%	99%	99%	99%	99%	98%	98%	98%	84%	97%	96%	97%	97%	96%	96%	93%	99%	98%	98%	98%			
WWEJ8		3	93	95	37	67	14	10	13	9	71	11	1	8	2	63	32	4	21	57	75	93	53	78	1	1	
WWEQ24	ESSLEMONT QUOKKA Q24 ^{PV}	-0.21	+5.8	+1.1	-4.8	+1.5	+41	+79	+91	+49	+16	+3.8	-7.6	+62	+16.7	+1.5	+0.6	+2.2	+2.2	+0.98	+28	+0.78	+0.86	+0.94	\$272	\$398	
WWEN12	HBR	44%	69%	63%	96%	96%	94%	94%	93%	89%	83%	91%	58%	90%	89%	88%	89%	80%	91%	84%	88%	81%	81%	78%			
WWEN7		6	22	72	44	9	90	86	95	99	56	8	6	68	1	20	35	1	53	98	23	38	25	25	3	17	
WWE21S6	ESSLEMONT SEAN S6 ^{PV}	-0.21	+5.2	+6.3	-5.8	+2.7	+57	+99	+113	+90	+15	+4.3	-6.7	+77	+16.2	+2.7	+1.1	+1.2	+3.7	+0.58	+27	+1.10	+1.24	+1.20	\$292	\$458	
NGMN418	HBR	43%	70%	64%	94%	91%	91%	90%	92%	87%	80%	83%	55%	81%	82%	82%	82%	76%	83%	83%	89%	84%	84%	80%			
WWEN7		6	27	20	29	24	27	34	67	69	69	4	13	27	1	7	28	10	21	84	26	91	95	92	1	2	
WKG22T2	GANDY FAIR N SQUARE T2 ^{SV}	+0.02	+7.7	+2.9	-11.3	+2.3	+56	+104	+125	+67	+21	+1.7	-7.8	+71	+0.1	+4.1	+4.8	-1.2	+1.4	+0.40	+40	+0.84	+0.76	+1.00	\$253	\$399	
USA19418329	HBR	36%	73%	59%	93%	92%	91%	90%	89%	85%	76%	80%	45%	78%	76%	77%	77%	70%	78%	63%	88%	74%	74%	66%			
WKG24		70	10	56	1	18	29	21	41	92	20	66	5	43	98	2	2	99	73	69	4	51	9	42	9	17	
USA18217198	G A R ASHLAND ^{PV}	+0.10	+2.4	+4.1	-5.9	+3.2	+66	+115	+145	+118	+16	+1.4	-3.6	+86	+12.7	-2.6	-2.3	+1.1	+2.6	+0.19	+11	+1.20	+1.12	+0.88	\$264	\$429	
USA17354178	HBR	37%	97%	89%	99%	99%	99%	99%	99%	98%	98%	99%	81%	97%	96%	96%	96%	95%	96%	90%	99%	99%	99%	98%			
USA16934264		89	53	43	28	33	5	6	10	26	60	76	75	11	4	93	82	13	43	46	86	97	83	13	5	5	
USA16295688	G A R PROPHET ^{SV}	+0.09	+3.5	+6.4	-0.6	+3.8	+67	+108	+133	+85	+22	+0.6	-4.5	+71	+3.8	-0.3	-1.4	-0.9	+4.8	+0.83	+26	+1.02	+0.82	+0.92	\$263	\$407	
USA13009379	HBR	38%	98%	94%	99%	99%	99%	99%	99%	99%	99%	99%	91%	98%	97%	98%	98%	97%	97%	94%	99%	99%	99%	98%			
USA15129456		87	43	19	94	47	4	15	24	77	15	93	55	42	80	56	69	96	7	95	29	83	17	20	5	13	
USA18690054	GB FIREBALL 672 ^{PV}	+0.04	+1.9	+6.9	-4.8	+2.6	+61	+99	+129	+123	+18	+2.7	-7.3	+74	+13.8	-2.7	-4.5	+0.9	+5.4	+0.49	+12	+1.06	+0.96	+0.80	\$273	\$450	
USA17965471	HBR	34%	96%	86%	99%	99%	99%	99%	99%	98%	98%	98%	73%	96%	95%	95%	95%	92%	95%	87%	99%	99%	99%	98%			
USA18054344		75	58	15	44	22	14	33	31	20	44	30	8	34	2	94	97	20	4	77	83	88	48	5	3	2	
Breed Average EBVs		-0.04	+2.1	+3.0	-4.5	+3.9	+52	+93	+120	+102	+17	+2.2	-4.8	+68	+6.5	+0.0	-0.2	+0.4	+2.4	+0.23	+21	+0.84	+0.96	+1.02	+205	+350	

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	
QBV21S073 USA19199070 QBVJ018	GLENISA PATENT S073 ^{SV} HBR	+0.08 36% 85	+4.3 70% 36	+4.1 56% 43	-5.1 92% 40	+5.4 90% 80	+65 89% 7	+115 89% 6	+139 86% 15	+131 82% 13	+14 76% 70	+2.4 80% 40	-4.2 40% 62	+77 76% 28	+2.8 70% 88	-0.8 71% 67	+0.4 71% 39	-0.4 62% 86	+1.7 74% 66	-0.18 61% 13	+21 84% 48	+0.84 66% 51	+0.94 66% 43	+1.06 57% 61	\$215 41	\$393 20	
QBGH221 BNAD145 QBGD80	GLENOCH HINMAN H221 ^{SV} HBR	-0.23 47% 5	+7.0 83% 14	-4.1 75% 95	-2.7 97% 77	+3.0 97% 29	+53 96% 42	+93 96% 50	+126 96% 38	+113 92% 33	+19 94% 35	+0.8 95% 90	-3.7 70% 73	+84 92% 13	+6.8 91% 45	-2.3 91% 98	-5.1 92% 98	+0.8 88% 25	+5.3 92% 4	-0.30 85% 8	+9 87% 89	+0.82 89% 46	+0.80 89% 14	+1.04 85% 55	\$212 45	\$357 48	
DKK22T2 VLYM518 NKLFL43	HARDHAT M518 TATUM T2 ^{PV} HBR	+0.15 42% 95	-8.1 76% 97	-1.0 68% 85	-9.8 93% 2	+4.5 90% 63	+63 90% 9	+106 89% 18	+138 87% 18	+133 84% 12	+15 79% 66	+1.1 82% 84	-2.2 57% 94	+70 80% 45	+6.7 78% 46	-2.2 79% 95	-0.2 79% 81	+4.0 72% 79	+0.01 80% 16	+29 71% 27	+0.78 86% 21	+0.66 79% 38	+1.06 76% 61	\$180 77	\$317 77		
NHZQ1229 NHZF1023 NHZJ823	HAZELDEAN Q1229 ^{PV} APR	-0.04 50% 49	+2.3 83% 54	+5.0 69% 33	-3.4 98% 67	+4.3 98% 58	+56 97% 32	+101 97% 29	+125 96% 40	+77 90% 85	+19 82% 33	+4.3 97% 4	-6.9 63% 11	+79 91% 23	+11.7 90% 7	+0.1 89% 47	-2.6 90% 85	+0.4 81% 47	+4.0 91% 16	+0.95 85% 97	+27 97% 24	+0.66 94% 17	+0.98 94% 53	+0.96 92% 30	\$271 3	\$417 9	
NHZQ319 NHZM586 NHZL1175	HAZELDEAN Q319 ^{PV} APR	-0.11 43% 25	+5.0 82% 29	+9.6 67% 2	-8.8 98% 5	+2.3 98% 18	+54 97% 39	+104 97% 21	+141 96% 14	+141 90% 7	+15 82% 70	+3.1 97% 20	-9.8 64% 1	+81 92% 19	+2.6 89% 89	+2.7 89% 7	+1.0 90% 29	-1.0 81% 97	+4.9 91% 6	+0.62 83% 86	+31 96% 16	+0.76 92% 34	+0.96 92% 48	+1.08 88% 67	\$248 11	\$460 1	
NHZR265 NHZM182 NHZN294	HAZELDEAN RENEGADE R265 ^{PV} APR	-0.11 39% 25	+6.0 76% 21	+2.6 61% 59	-0.4 98% 95	+3.9 97% 49	+51 95% 55	+99 96% 34	+132 92% 26	+122 86% 22	+18 78% 41	+1.6 96% 70	-2.2 50% 94	+70 81% 45	+5.5 79% 61	-1.0 80% 72	-2.0 80% 78	-0.3 73% 83	+3.9 81% 17	-0.13 69% 16	+28 94% 23	+0.64 78% 14	+0.84 78% 21	+1.06 71% 61	\$177 79	\$336 65	
CBJ21S13 CSWQ011 ASHP141	HILLS VIEW SAM S13 ^{PV} HBR	-0.07 40% 37	+4.7 71% 32	+2.9 65% 56	-3.2 95% 70	+3.5 92% 40	+57 90% 27	+112 88% 9	+147 87% 8	+128 84% 15	+21 78% 23	+2.5 81% 37	-4.5 50% 55	+70 78% 46	+5.3 74% 64	+0.7 74% 34	+0.9 75% 31	-0.7 67% 93	+4.1 77% 15	+0.11 68% 37	+27 87% 25	+0.62 71% 12	+0.70 71% 5	+1.04 70% 55	\$224 30	\$402 15	
USA20427019 USA17882682 USA19200093	HOOVER ABOUT IT ^{PV} HBR	-0.09 35% 31	+1.3 77% 63	+5.5 60% 28	-2.6 96% 78	+0.8 96% 5	+52 93% 51	+100 92% 32	+133 88% 24	+93 85% 65	+23 81% 11	+1.7 83% 66	-2.8 43% 88	+78 81% 24	+9.2 78% 21	+2.5 76% 9	+2.9 75% 9	+0.0 69% 70	+2.2 80% 53	+0.68 63% 89	+22 90% 41	+0.70 85% 23	+0.70 85% 5	+0.86 70% 10	\$216 39	\$357 49	
NZE13300018 WWEL3 NZE13300116373	KAKAHU PIVOTAL 18004 ^{PV} HBR	-0.16 42% 13	+5.1 74% 28	+1.1 67% 72	-7.2 96% 14	+3.9 96% 49	+55 95% 34	+102 95% 25	+123 95% 44	+71 91% 90	+28 88% 2	+3.6 93% 11	-8.7 64% 2	+84 90% 13	+9.3 89% 20	+1.2 88% 24	+1.9 89% 18	+0.3 82% 53	+4.4 90% 11	+0.59 81% 84	-1 91% 99	+0.68 88% 19	+0.88 88% 29	+1.06 83% 61	\$304 1	\$456 2	
FCJ21S132 USA18170041 NZE21180117268	KAKAHU S132 ^{PV} HBR	-0.04 36% 49	+2.5 72% 52	+5.0 66% 33	-1.9 98% 86	+3.6 97% 42	+56 96% 31	+99 95% 34	+129 90% 32	+83 86% 79	+22 79% 16	+2.8 83% 27	-3.9 55% 69	+74 80% 35	+7.4 81% 38	-3.4 81% 97	-3.6 81% 93	+0.2 75% 59	+4.4 81% 11	-0.44 69% 4	+34 84% 10	+0.86 78% 55	+0.98 75% 53	+0.76 70% 3	\$235 20	\$370 37	
GXNQ209 USA18463791 VLYL1327	KELLY ANGUS QUINN Q209 ^{SV} HBR	+0.03 37% 73	+7.8 76% 9	+9.6 63% 2	-7.0 95% 15	+2.3 95% 18	+66 93% 5	+120 93% 3	+145 93% 10	+124 88% 20	+29 79% 2	+0.6 83% 93	-9.5 52% 1	+94 80% 4	+5.2 82% 65	-1.4 82% 79	-2.7 82% 86	+0.2 76% 59	+2.2 82% 53	-0.17 81% 14	+37 86% 6	+1.32 85% 99	+1.24 85% 95	+1.22 81% 94	\$286 1	\$488 1	
NDIP481 USA17354145 NDIL236	KENNY'S CREEK PINNACLE P481 HBR	+0.07 40% 83	+1.1 82% 64	-0.6 72% 83	-3.7 98% 63	+3.2 98% 33	+48 97% 68	+87 97% 68	+116 97% 60	+67 92% 92	+21 88% 24	+0.4 95% 95	-3.3 63% 81	+78 91% 24	+4.2 90% 76	+1.6 90% 18	+1.6 90% 21	-1.4 83% 99	+6.3 91% 1	+1.28 84% 99	+18 90% 62	+0.96 92% 74	+0.98 92% 53	+0.84 89% 8	\$211 46	\$321 75	
KILK18 USA16417285 USA15107929	KILLAIN ALASKA K18 ^{PV} HBR	+0.18 41% 97	-11.8 75% 99	-6.2 64% 98	-0.5 90% 95	+7.0 89% 96	+65 89% 6	+120 89% 3	+161 89% 2	+168 86% 1	+16 84% 58	+4.0 84% 6	-2.1 52% 94	+83 86% 15	+6.3 85% 51	-3.0 85% 96	-4.8 86% 97	+1.0 82% 16	-1.2 88% 99	-0.67 77% 1	+35 80% 8	+1.10 77% 91	+0.76 77% 9	+0.98 66% 36	\$116 99	\$267 94	
Breed Average EBVs		-0.04	+2.1	+3.0	-4.5	+3.9	+52	+93	+120	+102	+17	+2.2	-4.8	+68	+6.5	+0.0	-0.2	+0.4	+2.4	+0.23	+21	+0.84	+0.96	+1.02	+205	+350	

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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		
BLAP130 SRKK306 BLAK113	KNOWLA PACKER P130 ^{PV} HBR	+0.01 40% 66	+3.2 69% 46	+2.5 64% 60	-2.8 93% 76	+4.8 92% 69	+56 90% 30	+101 89% 29	+133 90% 24	+109 86% 39	+11 79% 90	+1.1 86% 84	-5.6 56% 30	+78 86% 25	+8.3 84% 29	-0.2 84% 54	-1.1 85% 65	+0.8 77% 25	+1.9 87% 61	+0.07 78% 33	+25 85% 31	+0.80 81% 42	+1.18 81% 90	+0.96 76% 30	\$236 19	\$395 19		
BLAP91 HIOG18 BLAL06	KNOWLA PEPPER P91 ^{PV} HBR	+0.01 45% 66	+6.3 80% 18	+0.8 72% 75	-5.1 96% 40	+3.8 95% 47	+60 94% 16	+116 93% 5	+144 94% 10	+170 90% 1	+8 87% 98	+1.8 90% 63	-9.2 65% 1	+66 91% 57	+8.6 90% 26	+3.2 90% 5	+0.3 91% 40	+0.6 82% 35	+2.3 92% 51	+0.44 85% 72	-1 91% 99	+0.96 91% 74	+1.02 92% 63	+1.00 89% 42	\$253 9	\$478 1		
BLAR190 BLAN127 BLAP172	KNOWLA REVOLUTION R190 ^{PV} HBR	+0.11 40% 90	+11.0 70% 1	+6.1 59% 22	-11.5 97% 1	+0.6 96% 4	+39 93% 93	+80 93% 84	+103 92% 84	+68 86% 92	+24 78% 9	+2.7 91% 30	-3.0 49% 85	+54 80% 86	+15.0 80% 1	+4.2 80% 2	+3.1 80% 8	+0.0 73% 70	+4.8 81% 7	+0.77 74% 93	+42 89% 3	+0.72 89% 26	+1.00 88% 58	+0.98 85% 36	\$214 42	\$342 61		
BLA21S48 USA18837398 BLAL21	KNOWLA SO RIGHT S48 ^{PV} HBR	+0.17 42% 96	+6.6 85% 16	+1.2 73% 72	-5.2 99% 38	+3.2 99% 33	+55 98% 33	+100 98% 30	+130 97% 30	+111 90% 36	+14 80% 76	+2.5 97% 37	-5.0 54% 43	+80 83% 21	+7.8 86% 34	+1.1 84% 26	+1.7 85% 20	-0.3 79% 83	+4.0 85% 16	+0.26 81% 53	+31 98% 16	+0.80 96% 42	+1.06 96% 72	+0.98 94% 36	\$233 22	\$398 18		
BLA22T72 BLAN127 BLAN14	KNOWLA TOP NOTCH T72 ^{PV} HBR	-0.04 42% 49	+6.8 66% 15	+1.1 58% 72	-8.2 92% 7	+3.3 90% 35	+59 89% 20	+108 88% 13	+143 86% 11	+147 83% 5	+9 77% 95	+3.6 81% 11	-3.5 47% 77	+79 77% 23	+7.2 74% 40	-1.4 75% 79	-1.4 76% 69	+0.7 68% 30	+2.9 77% 36	-0.58 66% 2	+24 85% 36	+0.72 78% 26	+0.86 78% 25	+1.08 75% 67	\$209 48	\$395 19		
NZCP117 USA17960722 NZCM67	KO B074 BEAST MODE P117 ^{PV} HBR	+0.08 38% 85	+1.6 83% 60	+6.7 72% 16	-5.3 98% 37	+1.8 98% 12	+60 96% 18	+101 97% 29	+123 96% 44	+112 94% 35	+9 88% 95	+2.2 92% 48	-5.4 60% 34	+61 86% 72	+2.3 87% 90	+1.2 87% 24	+0.6 87% 35	-1.1 82% 98	+4.2 86% 13	+0.60 82% 85	+13 91% 79	+0.62 92% 12	+0.54 92% 1	+0.70 88% 1	\$219 36	\$383 27		
TFA21S1944 NORL519 TFAN829	LANDFALL SUMMIT S1944 ^{PV} HBR	+0.04 40% 75	+5.2 75% 27	+4.5 68% 38	-6.7 97% 18	+3.1 97% 31	+50 95% 59	+104 93% 21	+137 91% 18	+114 87% 32	+26 81% 5	+2.4 91% 40	-6.0 59% 23	+71 82% 44	+10.0 81% 15	+1.7 81% 17	+1.8 82% 19	+0.0 76% 70	+4.3 82% 12	+0.52 72% 79	+24 93% 34	+0.58 84% 8	+0.70 84% 5	+0.82 80% 6	\$248 11	\$423 7		
VLYL483 HKFJ5 VLYH221	LAWSONS LINKEDIN L483 ^{SV} HBR	-0.05 47% 45	+4.9 78% 30	-6.6 75% 98	-1.1 98% 92	+4.1 98% 54	+59 97% 20	+108 97% 13	+152 97% 5	+138 95% 9	+24 96% 8	+4.0 94% 6	-5.5 68% 32	+102 93% 2	+8.8 90% 24	-1.6 89% 82	+2.0 91% 17	+0.2 85% 59	+2.0 91% 58	-0.18 83% 13	+18 89% 61	+1.04 85% 85	+0.82 85% 17	+0.90 81% 16	\$221 34	\$398 18		
VLYQ44 VLYM518 VLYK914	LAWSONS MIRACULOUS Q44 ^{PV} HBR	-0.07 40% 37	+5.5 79% 25	-0.6 69% 83	-7.7 97% 10	+3.6 96% 42	+51 94% 56	+92 94% 54	+109 94% 75	+102 90% 51	+12 87% 87	+3.2 91% 17	-3.9 61% 69	+44 89% 96	+18.3 88% 1	-0.3 88% 56	+0.1 89% 44	+1.9 80% 2	+1.9 90% 61	+0.22 81% 49	+36 85% 7	+0.94 84% 71	+0.94 84% 43	+1.00 81% 42	\$232 23	\$383 27		
VLYM518 USA17354145 VLYH229	LAWSONS MOMENTOUS M518 HBR	+0.06 43% 81	-1.4 98% 80	+0.7 92% 75	-5.2 99% 38	+3.9 99% 49	+51 99% 55	+92 99% 55	+115 98% 63	+81 98% 80	+22 99% 15	+2.7 99% 30	-2.8 85% 88	+51 97% 90	+11.6 96% 7	-1.3 97% 77	+0.2 97% 49	+0.3 96% 53	+5.8 96% 2	+0.64 92% 87	+37 99% 6	+0.86 99% 55	+1.00 99% 58	+1.14 99% 82	\$229 25	\$349 55		
VLYR4010 USA17354145 VLYP4005	LAWSONS ROCKY R4010 ^{PV} HBR	-0.13 41% 19	+5.9 84% 22	+8.0 75% 8	-4.8 99% 44	+2.4 99% 19	+54 98% 40	+96 98% 43	+121 98% 50	+83 95% 78	+23 91% 14	+2.6 98% 33	-4.6 60% 53	+75 88% 32	+11.0 88% 10	+1.1 88% 26	+0.8 87% 32	+0.2 82% 59	+4.5 87% 10	+1.45 78% 99	+18 99% 60	+0.96 98% 74	+1.02 98% 63	+1.08 97% 67	\$259 6	\$409 12		
VLYR1217 USA18217198 VLYN976	LAWSONS ROMULUS R1217 ^{PV} HBR	+0.08 36% 85	+2.8 76% 50	+7.0 67% 14	-5.4 94% 35	+3.9 92% 49	+65 90% 6	+110 90% 11	+151 90% 6	+123 86% 20	+18 78% 40	+1.3 82% 79	-2.6 56% 90	+84 80% 13	+10.8 80% 11	-4.0 80% 99	-4.5 81% 97	+1.2 74% 10	+4.3 81% 12	+0.71 81% 90	+12 85% 81	+1.14 84% 94	+1.10 84% 79	+1.02 80% 49	\$259 6	\$423 7		
CHK21S093 USA19266718 CHKN068	MANEROO PARTNERS S093 ^{SV} APR	+0.13 37% 93	+0.9 71% 66	+0.9 63% 74	-2.9 91% 74	+4.7 91% 67	+61 90% 13	+101 89% 28	+123 87% 45	+116 84% 29	+15 78% 65	+3.2 80% 17	-6.9 50% 11	+72 78% 39	+14.4 76% 2	-2.4 77% 92	-3.7 77% 93	+1.4 70% 6	+3.6 78% 22	+0.28 67% 56	+29 83% 19	+1.00 75% 80	+1.00 75% 58	+1.04 71% 55	\$264 5	\$428 6		
Breed Average EBVs		-0.04	+2.1	+3.0	-4.5	+3.9	+52	+93	+120	+102	+17	+2.2	-4.8	+68	+6.5	+0.0	-0.2	+0.4	+2.4	+0.23	+21	+0.84	+0.96	+1.02	+205	+350		

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Sire Dam	Reg.	Shear Force	Calv-Ease		Birth		Growth			Maternal		Fert		Carcase						Feed	Temp	Structural			Selection Index		
			Dir	Dtrs	GL	BW	200	400	600	MCW	Milk	SS	DC	CW	EMA	Rib	P8	RBY	IMF	NFI-F	Doc	Claw	Angle	Leg	\$A	\$A-L	
NMMG18	MILLAH MURRAH HIGHLANDER	-0.11	-0.4	-1.7	-3.0	+4.7	+49	+87	+110	+89	+19	+3.9	-3.0	+77	+10.7	-3.7	-1.6	+2.1	-0.2	-0.02	+16	+0.80	+0.92	+1.02	\$181	\$300	
NZE12170004408	HBR	72%	84%	75%	97%	96%	94%	94%	94%	91%	88%	90%	66%	91%	90%	90%	91%	84%	92%	85%	91%	84%	84%	80%			
NMMD85		25	75	88	73	67	61	70	72	70	35	7	85	28	11	98	72	1	97	25	70	42	38	49	77	85	
NMMK35	MILLAH MURRAH KINGDOM K35	+0.02	-10.5	-4.6	-1.9	+8.8	+55	+100	+138	+148	+11	+0.9	-5.8	+64	+7.5	+0.0	-0.1	+1.0	-1.0	-0.72	+29	+0.84	+1.32	+1.20	\$148	\$294	
NZE469	HBR	46%	96%	90%	99%	99%	98%	98%	98%	98%	98%	98%	82%	96%	95%	96%	96%	94%	95%	90%	98%	96%	96%	94%			
NMMG41		70	99	96	86	99	33	30	17	5	90	88	27	63	37	49	47	16	99	1	21	51	98	92	94	87	
NMMK42	MILLAH MURRAH KLOONEY K42	-0.04	+3.3	+1.3	-5.9	+5.6	+47	+85	+108	+90	+22	+2.2	-5.4	+66	+6.9	-1.3	-3.1	+1.2	+2.0	+0.06	+17	+0.84	+0.92	+1.02	\$199	\$332	
NGMT30	HBR	45%	88%	86%	99%	99%	99%	99%	98%	98%	98%	98%	84%	97%	96%	96%	96%	95%	96%	90%	99%	97%	97%	95%			
NMMH4		49	45	71	28	83	71	73	76	70	19	48	34	58	44	77	89	10	58	32	64	51	38	49	60	68	
NMML133	MILLAH MURRAH LOCH UP L133	-0.18	+6.2	+4.6	-5.5	+4.8	+59	+99	+131	+101	+25	+2.1	-2.6	+79	+1.6	-2.2	-3.9	-0.7	+1.9	-0.15	+32	+0.68	+1.08	+1.14	\$170	\$313	
USA17091363	HBR	40%	84%	84%	99%	99%	98%	98%	98%	98%	98%	98%	83%	97%	96%	96%	96%	94%	96%	90%	98%	97%	97%	96%			
NMMH49		10	19	37	34	69	20	33	29	51	7	52	90	22	94	90	94	93	61	15	12	19	76	82	84	79	
NMMM308	MILLAH MURRAH MILESTONE	+0.13	+7.2	+5.8	-7.2	+4.5	+42	+79	+90	+79	+15	+2.6	-4.8	+41	+4.4	+2.4	+4.4	-0.4	+2.5	+0.14	+18	+0.84	+0.96	+1.22	\$185	\$323	
NZE14647008839	HBR	43%	86%	75%	98%	98%	97%	97%	96%	94%	93%	96%	69%	91%	90%	90%	90%	85%	91%	81%	96%	84%	84%	82%			
NMMH331		93	12	25	14	63	87	87	95	83	64	33	48	98	74	9	3	86	46	40	60	51	48	94	73	74	
NJWH283	MILWILLAH ELSOM H283 ^{PV}	-0.04	+0.3	-6.3	-2.1	+3.9	+47	+84	+122	+112	+22	+1.9	-1.5	+76	+8.9	-2.2	-2.3	+1.4	+1.4	+0.35	+18	+0.72	+0.80	+1.04	\$148	\$270	
NJWF189	HBR	57%	84%	73%	97%	97%	96%	96%	96%	92%	94%	94%	64%	92%	91%	91%	91%	86%	92%	85%	88%	89%	90%	85%			
NJWE51		49	70	98	84	49	73	77	46	35	19	59	97	29	23	90	82	6	73	63	62	26	14	55	94	94	
NJWE158	MILWILLAH LAD E158 ^{SV}	+0.06	-2.4	-7.3	-7.9	+7.9	+41	+78	+106	+106	+7	+2.0	-5.4	+43	+8.7	-0.9	-5.2	+1.4	+3.2	+0.27	+12	+0.78	+0.82	+0.74	\$162	\$286	
NZEE230	HBR	79%	84%	77%	95%	97%	97%	96%	96%	93%	96%	93%	65%	92%	91%	91%	91%	86%	92%	83%	90%	79%	80%	72%			
VTMX114		81	85	99	9	99	91	88	79	44	98	55	34	97	25	70	98	6	30	55	82	38	17	2	88	90	
BWFQ33	MOOGENILLA QUINELLA Q33 ^{PV}	-0.18	+2.4	+9.2	-6.2	+4.0	+60	+114	+145	+81	+28	+3.1	-4.0	+98	+9.3	-1.1	+0.1	-0.4	+4.9	+0.42	+31	+0.86	+0.88	+0.86	\$275	\$423	
USA18181757	HBR	39%	85%	75%	99%	99%	98%	99%	98%	96%	95%	98%	65%	92%	92%	92%	92%	88%	92%	87%	98%	98%	98%	97%			
BWFN9		10	53	3	24	51	15	7	10	81	2	20	67	2	20	74	44	86	6	71	14	55	29	10	2	7	
CSWP036	MURDEDUKE BLACK PEARL	-0.11	+1.7	+2.0	-8.4	+4.8	+49	+93	+129	+119	+22	+3.4	-7.6	+58	+1.0	+0.3	-1.2	-1.0	+6.3	+0.64	+18	+0.84	+1.18	+1.22	\$212	\$378	
USA17236055	HBR	43%	80%	71%	96%	96%	95%	95%	94%	92%	87%	91%	68%	92%	91%	90%	91%	82%	92%	86%	95%	93%	94%	90%			
CSWL123		25	60	65	6	69	63	50	32	25	17	14	6	78	96	42	66	97	1	87	62	51	90	94	44	30	
CSWK428	MURDEDUKE KICKING K428 ^{PV}	-0.21	+7.2	+10.2	-7.5	+1.8	+48	+93	+115	+89	+25	+3.4	-5.8	+67	+2.6	-0.4	-3.0	+0.3	+0.8	+0.04	+40	+0.86	+1.02	+1.16	\$186	\$339	
VTME343	HBR	42%	89%	78%	98%	98%	97%	98%	97%	96%	95%	97%	71%	94%	92%	90%	93%	88%	93%	87%	97%	97%	97%	95%			
CSWE175		6	12	1	11	12	69	51	63	71	8	14	27	56	89	58	89	53	86	30	4	55	63	86	73	62	
CSW22T115	MURDEDUKE PHEASANTRY	-0.27	+1.9	+3.7	-6.3	+4.7	+55	+104	+128	+124	+26	+3.2	-8.3	+76	+5.1	+1.4	+1.3	-1.1	+6.5	+0.86	+22	+0.36	+0.98	+1.14	\$249	\$432	
VTMP1479	HBR	39%	70%	63%	88%	86%	86%	85%	84%	82%	78%	81%	50%	76%	73%	73%	74%	66%	77%	68%	81%	76%	76%	74%			
CSWR082		2	58	47	23	67	36	21	33	20	4	17	3	30	66	21	25	98	1	95	42	1	53	82	10	5	
CSWQ011	MURDEDUKE QUARTERBACK	+0.08	+6.5	+2.3	-9.4	+3.0	+54	+101	+136	+106	+24	+4.0	-6.4	+77	+5.3	+1.7	+2.9	-1.1	+5.3	+0.51	+22	+0.70	+1.04	+1.06	\$243	\$412	
VLYM518	HBR	43%	92%	86%	99%	99%	99%	99%	99%	98%	97%	99%	73%	95%	93%	94%	94%	90%	93%	86%	99%	99%	99%	98%			
CSWN026		85	17	62	3	29	41	29	20	44	9	6	17	26	64	17	9	98	4	79	44	23	68	61	14	11	
NURM204	MURRAY PROCEED M204 ^{PV}	-0.39	-5.8	+6.7	-3.8	+4.6	+62	+105	+143	+134	+18	+2.1	-3.6	+88	+13.9	-4.8	-6.1	+0.8	+6.8	+0.08	+21	+0.98	+0.74	+0.90	\$237	\$393	
USA16956101	HBR	43%	81%	72%	96%	96%	95%	95%	95%	91%	88%	91%	65%	92%	91%	89%	91%	87%	92%	85%	93%	91%	91%	88%			
NURJ43		1	94	16	61	65	12	19	11	11	39	52	75	8	2	99	99	25	1	34	48	77	8	16	18	20	
Breed Average EBVs		-0.04	+2.1	+3.0	-4.5	+3.9	+52	+93	+120	+102	+17	+2.2	-4.8	+68	+6.5	+0.0	-0.2	+0.4	+2.4	+0.23	+21	+0.84	+0.96	+1.02	+205	+350	

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			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		
WLGP5	NARANDA PIMP P5 ^{SV}	-0.06	+10.6	+9.7	-10.2	+1.4	+52	+97	+127	+96	+21	+1.6	-3.4	+82	+6.7	+1.5	+2.7	-0.4	+3.6	+0.31	-3	+0.68	+0.74	+1.08	\$226	\$383		
USA18229425	APR	37%	78%	66%	97%	95%	95%	94%	94%	89%	85%	88%	56%	89%	87%	87%	88%	78%	90%	82%	90%	87%	87%	82%				
WLG24		41	1	2	2	8	49	38	37	61	24	70	79	16	46	20	11	86	22	59	99	19	8	67	28	27		
SKOJ6	NEWLYN PARK EMPEROR J6 ^{PV}	-0.02	-6.0	-5.7	-6.8	+7.4	+66	+112	+144	+160	+8	+1.5	-3.8	+79	+8.5	-1.2	-1.3	+1.3	+0.1	-0.75	+13	+1.06	+0.82	+0.76	\$186	\$350		
VTME343	HBR	44%	79%	71%	93%	92%	91%	91%	91%	88%	85%	85%	65%	87%	86%	86%	87%	81%	88%	80%	86%	85%	85%	81%				
NZCE115		56	95	97	17	97	6	8	11	2	97	73	71	22	27	76	68	8	94	1	78	88	17	3	73	54		
NZE21095018	NGAPUTAH1 P206 ^{PV}	-0.21	+9.0	+4.1	-1.4	+0.1	+41	+83	+97	+69	+26	+2.8	-8.3	+53	+5.5	+0.1	-1.8	+1.0	+4.0	+0.13	+16	+0.94	+1.14	+1.08	\$243	\$385		
HIOE7	HBR	58%	82%	74%	93%	97%	96%	96%	95%	91%	88%	95%	68%	90%	90%	89%	90%	83%	91%	83%	89%	85%	86%	83%				
NZE21095112H49		6	4	43	90	2	89	78	91	91	5	27	3	88	61	47	75	16	16	39	69	71	85	67	14	26		
NZE21095020	NGAPUTAH1 R160 ^{SV}	+0.01	-1.2	+4.5	-1.0	+4.9	+64	+110	+134	+113	+19	+4.6	-3.9	+77	+5.1	-1.2	-1.0	+0.1	+3.2	-0.05	+35	+0.76	+0.82	+0.90	\$225	\$380		
USA17960722	HBR	38%	78%	67%	95%	97%	95%	95%	90%	87%	84%	91%	57%	82%	82%	82%	83%	77%	82%	70%	91%	80%	79%	75%				
NZE2109510845		66	79	38	93	71	7	11	23	33	36	3	69	27	66	76	63	65	30	22	8	34	17	16	30	30		
USA16981588	PA FULL POWER 1208 ^{PV}	-0.07	-5.7	-3.5	-4.8	+3.8	+52	+98	+120	+76	+14	+2.0	-2.0	+71	+12.9	-1.7	+0.6	+1.1	+3.0	+0.90	+21	+1.24	+0.92	+0.74	\$221	\$325		
USA16381311	HBR	44%	94%	86%	99%	98%	98%	98%	98%	98%	98%	98%	75%	96%	95%	94%	95%	93%	95%	88%	98%	98%	98%	92%				
USA16408070		37	94	94	44	47	48	37	50	86	72	55	95	43	4	84	35	13	34	96	49	98	38	2	33	72		
HKFK146	PARINGA RED PILBARA K146 ^{PV}	-0.26	+0.2	-0.5	-0.6	+2.5	+32	+59	+65	+30	+21	+1.6	-6.8	+40	+7.3	+1.0	+2.6	-0.2	+6.2	+0.77	+11	+0.72	+0.98	+1.14	\$215	\$302		
HKFH114	HBR	40%	75%	62%	94%	92%	91%	91%	91%	86%	83%	83%	55%	88%	88%	87%	88%	81%	90%	82%	84%	80%	80%	73%				
HKFG42		3	71	83	94	20	99	99	99	99	23	70	12	98	39	28	11	79	1	93	85	26	53	82	40	84		
SMPG357	PATHFINDER GENESIS G357 ^{PV}	-0.12	-0.8	+2.8	-7.1	+6.6	+62	+109	+148	+138	+26	+4.4	-7.5	+97	+14.1	+0.2	-0.9	+1.4	+0.4	+0.61	+28	+0.84	+1.08	+0.78	\$244	\$426		
VTMB1	HBR	44%	97%	91%	99%	99%	99%	99%	99%	98%	98%	98%	86%	97%	96%	97%	97%	95%	96%	91%	99%	98%	98%	96%				
SMPD245		22	77	57	15	94	12	13	7	9	5	4	6	3	2	45	61	6	91	85	23	51	76	3	13	6		
SMPK22	PATHFINDER COMPLETE K22 ^{SV}	-0.05	+9.9	+7.1	-9.0	+1.0	+41	+74	+97	+53	+25	+2.9	-7.2	+54	+7.1	+3.7	+5.5	+0.2	+2.3	+0.58	+26	+0.50	+0.86	+0.66	\$239	\$368		
SMPG357	HBR	42%	93%	83%	99%	98%	98%	98%	97%	97%	98%	98%	76%	95%	94%	94%	95%	93%	94%	88%	97%	96%	96%	94%				
SMPH756		45	2	13	4	6	90	93	91	98	6	24	9	86	42	3	1	59	51	84	29	4	25	1	17	39		
SMPN56	PATHFINDER NUCLEUS N56 ^{SV}	-0.12	+4.7	+2.9	-3.7	+5.2	+59	+106	+136	+130	+18	+4.7	-6.9	+75	+12.6	+0.7	+1.1	+0.9	+1.7	+0.40	+7	+0.76	+0.82	+0.84	\$251	\$439		
HIOG18	HBR	43%	82%	71%	96%	97%	96%	96%	95%	92%	92%	94%	64%	92%	91%	90%	91%	83%	92%	86%	90%	87%	87%	82%				
SMPL179		22	32	56	63	77	19	18	19	14	45	2	11	33	5	34	28	20	66	69	93	34	17	8	9	4		
SMPP516	PATHFINDER PHAT CAT P516 ^{SV}	+0.02	+4.3	+3.5	-7.2	+4.5	+52	+89	+116	+84	+25	+5.3	-8.9	+48	+11.7	-3.2	-2.8	+0.7	+5.8	+0.11	+38	+0.72	+1.06	+0.88	\$281	\$436		
SMPM558	HBR	43%	79%	67%	96%	96%	95%	95%	95%	91%	88%	92%	59%	88%	85%	85%	86%	79%	87%	80%	93%	90%	90%	85%				
SMPJ282		70	36	50	14	63	48	63	60	77	7	1	2	94	7	97	87	30	2	37	5	26	72	13	2	4		
SMPQ1357	PATHFINDER QUEST Q1357 ^{PV}	-0.23	-3.0	-0.9	-6.3	+5.5	+65	+116	+162	+174	+13	+1.6	-5.4	+95	+6.3	-2.4	-4.7	+1.2	+3.2	+0.13	+29	+0.86	+0.68	+1.10	\$220	\$411		
NORL519	HBR	40%	71%	67%	94%	95%	93%	93%	93%	88%	83%	87%	64%	89%	88%	88%	89%	80%	90%	82%	88%	86%	87%	83%				
SMPM18		5	87	85	23	82	7	6	2	1	78	70	34	3	51	92	97	10	30	39	20	55	4	73	35	11		
NZE41-97	PINEBANK WAIGROUP 41/97 [#]	+0.17	+3.1	-4.6	-3.5	+3.7	+37	+64	+76	+50	+18	+0.9	-4.3	+17	+5.4	+1.2	+0.3	+0.9	+1.1	-0.03	+33	+0.28	+0.90	+0.94	\$160	\$247		
NZE53195	HBR	83%	96%	91%	98%	99%	98%	98%	98%	98%	98%	98%	89%	97%	96%	96%	96%	95%	96%	90%	93%	88%	88%	83%				
NZE63988		96	47	96	66	44	96	99	99	98	45	88	60	99	63	24	40	20	80	24	10	1	33	25	89	97		
WQCQ47	QUANDEN SPRINGS	-0.05	+10.0	+8.4	-9.4	-0.7	+51	+98	+131	+110	+30	+5.2	-4.4	+48	+9.1	+0.2	+1.0	+0.4	+2.5	-0.23	+27	+0.96	+0.98	+1.08	\$215	\$386		
VLYM518	HBR	41%	78%	68%	92%	92%	91%	91%	92%	87%	82%	86%	60%	86%	85%	85%	86%	78%	87%	79%	88%	84%	85%	80%				
VLYM1690		45	2	6	3	1	52	37	28	37	1	1	57	93	21	45	29	47	46	11	24	74	53	67	40	25		
Breed Average EBVs		-0.04	+2.1	+3.0	-4.5	+3.9	+52	+93	+120	+102	+17	+2.2	-4.8	+68	+6.5	+0.0	-0.2	+0.4	+2.4	+0.23	+21	+0.84	+0.96	+1.02	+205	+350		

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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	
NLRE17 USA13058662 NAQW232	REILAND EVERITT E17 ^{PV} HBR	+0.29 78% 99	-4.6 87% 92	+3.6 78% 48	-1.2 96% 91	+5.0 97% 73	+51 96% 52	+88 95% 65	+121 96% 49	+88 94% 72	+15 94% 67	+4.4 94% 4	-3.1 70% 84	+65 92% 60	+10.2 91% 14	-2.0 91% 88	+0.8 91% 32	+0.9 87% 20	+1.6 92% 69	-0.42 84% 4	+12 88% 82	+1.08 86% 90	+0.92 87% 38	+0.98 83% 36	\$192 67	\$310 81	
NORF340 NZE04379 VLYZ1393	RENNYLEA BLACK GOLD F340 ^{PV} HBR	-0.16 76% 13	+5.8 83% 22	-1.0 76% 85	-3.1 96% 72	+1.3 96% 7	+35 95% 98	+65 94% 98	+79 94% 99	+83 92% 78	+2 92% 99	+0.9 91% 88	-2.5 70% 91	+18 91% 99	+2.1 90% 91	-0.5 90% 61	+0.1 90% 44	-0.1 83% 75	+4.5 91% 10	-0.08 85% 20	+15 90% 72	+0.76 88% 34	+0.80 88% 14	+0.78 84% 3	\$138 96	\$255 96	
NORE11 NGMY145 VLYY5	RENNYLEA EDMUND E11 ^{PV} HBR	-0.02 82% 56	+8.6 99% 6	-0.2 97% 81	-6.7 99% 18	+1.2 99% 7	+34 99% 98	+64 99% 99	+83 99% 98	+55 99% 97	+16 99% 60	+1.9 99% 59	-8.8 95% 2	+50 98% 92	+4.2 98% 76	+3.4 98% 4	+1.2 98% 26	-0.2 98% 79	+4.2 98% 13	+0.76 96% 92	+23 99% 40	+0.54 99% 5	+1.04 99% 68	+1.08 99% 67	\$206 51	\$326 72	
NORH708 NORC511 NORE176	RENNYLEA H708 ^{PV} APR	+0.02 54% 70	-6.3 93% 95	+3.3 86% 52	+1.3 98% 99	+4.5 98% 63	+47 98% 73	+101 98% 28	+127 98% 35	+129 97% 15	+12 97% 87	+2.3 98% 44	-3.3 84% 81	+72 96% 40	+12.2 96% 6	-3.2 96% 97	-6.5 96% 99	+2.0 94% 1	+7.2 96% 1	+0.61 93% 85	+21 98% 46	+0.66 98% 17	+0.66 98% 3	+0.92 97% 20	\$221 34	\$370 37	
NORK522 NORE11 NORF810	RENNYLEA KODAK K522 ^{SV} HBR	+0.10 55% 89	+8.5 94% 6	+8.2 85% 7	-4.8 99% 44	+1.4 99% 8	+44 98% 83	+82 98% 81	+107 98% 77	+109 97% 39	+12 98% 83	+4.6 98% 3	-7.7 77% 5	+46 96% 95	+3.8 94% 80	+3.5 95% 3	+1.1 95% 28	-0.3 93% 83	+4.0 95% 16	+0.36 89% 65	+6 96% 94	+0.58 97% 8	+0.82 97% 17	+0.92 95% 20	\$204 54	\$379 30	
NORL508 USA17366506 NORH414	RENNYLEA L508 ^{PV} HBR	-0.14 42% 17	+2.0 87% 57	+7.9 81% 8	-5.7 99% 31	+2.6 99% 22	+46 98% 75	+85 98% 74	+118 98% 56	+91 98% 68	+27 98% 4	+1.4 98% 76	-8.2 83% 3	+55 96% 84	+5.8 95% 58	+0.8 96% 32	-0.3 96% 51	-0.2 94% 79	+5.4 95% 4	+0.56 90% 82	+14 99% 75	+0.64 98% 14	+0.82 98% 17	+0.88 97% 13	\$244 13	\$396 18	
NORP987 NORM763 NORM1184	RENNYLEA P987 ^{PV} APR	+0.14 41% 94	+9.6 76% 3	+9.3 66% 3	-8.0 97% 8	+1.3 97% 7	+49 97% 62	+95 96% 45	+120 96% 52	+124 94% 20	+7 90% 99	+0.2 96% 97	-3.2 66% 82	+68 90% 52	+5.0 90% 67	+4.0 90% 2	+2.6 90% 11	-1.3 84% 99	+8.3 91% 1	+0.92 82% 97	+10 96% 87	+0.88 94% 59	+1.04 94% 68	+1.04 92% 55	\$221 34	\$398 17	
NORQ1077 NORH708 NORG101	RENNYLEA Q1077 ^{PV} APR	-0.01 46% 60	+4.0 84% 39	+10.5 72% 1	-4.2 98% 54	+2.6 98% 22	+49 97% 62	+97 97% 39	+121 97% 48	+105 94% 46	+13 89% 79	+2.2 97% 48	-6.0 64% 23	+76 87% 30	+15.9 88% 1	+0.8 88% 32	+0.0 88% 45	+1.5 84% 5	+5.2 88% 5	+0.70 77% 90	+20 97% 52	+0.66 95% 17	+0.80 95% 14	+0.82 92% 6	\$285 1	\$457 2	
NORQ213 NORK907 NORL110	RENNYLEA Q213 ^{PV} APR	-0.04 40% 49	+8.3 85% 7	+7.0 72% 14	-7.2 98% 14	+1.0 98% 6	+63 97% 9	+116 97% 5	+145 97% 9	+95 95% 62	+22 91% 15	+0.6 97% 93	-10.4 65% 1	+97 91% 3	+8.4 91% 28	+0.9 90% 30	+0.3 91% 40	+0.1 86% 65	+3.3 91% 28	+0.68 82% 89	+28 97% 24	+0.48 97% 3	+0.68 97% 4	+0.90 94% 16	\$329 1	\$515 1	
NORR992 NORN542 NORM1034	RENNYLEA R992 ^{PV} APR	-0.08 41% 34	+3.9 69% 39	+8.0 62% 8	+1.9 95% 99	+1.2 95% 7	+44 94% 84	+83 94% 78	+115 94% 62	+83 91% 78	+25 84% 7	+1.7 92% 66	-6.8 55% 12	+70 82% 45	+11.4 83% 8	+1.4 83% 21	+1.6 83% 21	-0.1 78% 75	+6.4 83% 1	+1.11 80% 99	+23 92% 41	+0.62 90% 12	+0.84 90% 21	+0.86 85% 10	\$259 6	\$408 12	
VKR22T58 USA19169335 VKRR38	RIGA TAVERN T58 ^{PV} HBR	-0.06 39% 41	+4.5 74% 34	+3.1 61% 54	-3.9 91% 59	+2.1 90% 15	+58 87% 21	+110 87% 12	+136 85% 20	+133 83% 12	+14 78% 75	+4.2 81% 5	-3.4 46% 79	+76 76% 28	+8.0 74% 32	-1.7 75% 84	-1.3 75% 68	+0.5 67% 41	+2.9 77% 36	+0.03 65% 29	+34 82% 10	+0.94 76% 71	+0.82 72% 17	+0.92 68% 20	\$212 44	\$391 22	
NZE14572019 HKFM103 NZE14572117009	RISSINGTON SOVEREIGN Q485 HBR	-0.01 41% 60	+10.9 82% 1	+9.7 68% 2	-7.2 99% 14	+0.7 98% 4	+63 98% 10	+115 98% 6	+155 97% 4	+125 89% 18	+20 80% 25	+2.4 97% 40	-5.2 53% 39	+94 82% 4	+8.9 86% 23	-1.7 84% 84	-4.3 85% 96	+0.3 79% 53	+6.1 85% 2	+0.09 86% 35	-5 98% 99	+0.94 97% 71	+0.94 97% 43	+1.24 95% 95	\$281 2	\$471 1	
FCD21S52 USA18837398 NZE21159116122	SEVEN HILLS STERLING S52 ^{PV} HBR	-0.11 38% 25	+8.1 70% 8	+6.5 61% 18	-3.7 94% 63	+2.6 92% 22	+57 90% 25	+103 89% 24	+130 87% 30	+109 84% 40	+14 78% 73	+1.6 81% 70	-3.5 46% 77	+68 78% 53	+9.9 74% 15	-1.5 75% 81	-2.4 76% 83	+0.9 68% 20	+3.6 77% 22	-0.06 65% 21	+29 88% 18	+0.90 78% 63	+1.06 78% 72	+1.00 72% 42	\$242 15	\$405 14	
Breed Average EBVs		-0.04	+2.1	+3.0	-4.5	+3.9	+52	+93	+120	+102	+17	+2.2	-4.8	+68	+6.5	+0.0	-0.2	+0.4	+2.4	+0.23	+21	+0.84	+0.96	+1.02	+205	+350	

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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
APBR5	SHACORRAHDALU ROYALE R5	-0.12	+7.8	+8.4	-6.3	+2.4	+48	+91	+111	+60	+23	+2.2	-6.6	+67	+5.7	+3.8	+5.0	-0.2	+1.5	+0.99	+11	+0.86	+1.04	+0.74	\$247	\$387
TFAK132	HBR	42%	77%	67%	93%	94%	92%	92%	91%	89%	82%	87%	60%	88%	87%	86%	87%	78%	89%	80%	88%	88%	84%			
HBUP80		22	9	6	23	19	68	57	70	96	12	48	15	54	59	3	2	79	71	98	85	55	68	2	11	24
USA19189229	STERLING CONFIDENCE PLUS	-0.05	+5.3	+4.2	-5.7	+1.3	+57	+104	+124	+79	+20	+1.0	-4.8	+72	+11.3	+2.0	+1.9	+0.3	+1.8	+0.18	+17	+1.00	+0.92	+0.98	\$259	\$406
USA17585576	HBR	36%	85%	65%	98%	98%	97%	97%	96%	89%	83%	97%	50%	85%	88%	85%	84%	78%	87%	69%	97%	92%	93%	88%		
USA18171316		45	27	42	31	7	25	21	42	83	31	86	48	40	8	13	18	53	64	45	64	80	38	36	6	14
FAM21S329	STOKMAN SOLUTION S329 ^{PV}	-0.01	+7.3	+3.5	-10.5	-1.2	+44	+91	+111	+64	+19	+3.4	-8.5	+64	+10.0	+2.3	+1.7	+0.6	+2.4	+0.93	+2	+0.82	+0.96	+1.04	\$262	\$409
USA19057457	HBR	37%	89%	66%	99%	99%	98%	98%	95%	88%	78%	97%	48%	81%	85%	83%	83%	77%	84%	66%	99%	90%	91%	87%		
NZE21043118P69		60	12	50	1	1	82	57	70	94	35	14	2	62	15	10	20	35	48	97	98	46	48	55	5	12
NZE19507018	STORTH OAKS FULLY LOADED	-0.12	+8.4	+5.6	-11.5	+1.2	+44	+87	+132	+133	+23	+3.2	-8.4	+65	+2.9	+1.0	+0.5	-0.6	+4.0	+0.81	+31	+0.56	+0.76	+1.04	\$195	\$384
NORL508	HBR	45%	77%	68%	97%	97%	96%	96%	96%	91%	87%	94%	62%	90%	89%	88%	89%	81%	91%	83%	94%	89%	89%	85%		
NZE19507113J320		22	6	27	1	7	82	68	25	12	14	17	3	60	87	28	37	91	16	94	15	7	9	55	63	26
FAF21S19	STORTH OAKS ZEPHYR S19 ^{PV}	-0.25	+6.5	+7.6	-7.1	+3.1	+66	+118	+155	+114	+26	+3.4	-6.2	+80	+3.1	-0.5	+0.9	-0.6	+3.6	+0.63	+6	+0.78	+0.94	+0.98	\$272	\$456
USA18962277	HBR	44%	74%	63%	93%	91%	89%	88%	86%	83%	77%	84%	50%	78%	75%	75%	76%	68%	78%	67%	84%	78%	78%	73%		
NZE19507115L244		3	17	10	15	31	5	4	4	31	5	14	20	20	85	61	31	91	22	87	94	38	43	36	3	2
USA17236055	SYDGEN BLACK PEARL 2006 ^{PV}	-0.08	+1.6	+7.0	-7.0	+3.2	+51	+85	+122	+88	+21	+1.5	-3.8	+74	+8.3	+0.4	-0.4	+0.4	+2.9	+0.37	+15	+1.02	+1.18	+1.14	\$211	\$343
USA15354674	HBR	37%	98%	94%	99%	99%	99%	99%	99%	98%	99%	99%	89%	98%	97%	97%	97%	96%	97%	93%	99%	99%	99%	98%		
USA16214508		34	60	14	15	33	52	74	46	72	21	73	71	34	29	40	53	47	36	66	71	83	90	82	45	60
VTMK52	TE MANIA KALIBROOK K52 ^{PV}	+0.00	+7.4	+6.1	-3.2	+1.5	+52	+101	+129	+104	+29	+1.6	-5.6	+74	+4.3	+1.0	+1.7	-0.6	+5.5	+1.39	+6	+1.20	+1.10	+1.20	\$245	\$411
USA16295688	HBR	39%	79%	71%	94%	95%	92%	92%	91%	88%	84%	89%	66%	88%	87%	85%	88%	83%	89%	80%	87%	90%	91%	87%		
VTMH423		63	11	22	70	9	51	27	33	46	2	70	30	35	75	28	20	91	3	99	94	97	79	92	13	11
VTMK138	TE MANIA KIRBY K138 ^{PV}	+0.01	+0.4	+7.7	-1.3	+4.8	+52	+88	+115	+94	+18	+2.5	-7.7	+66	+6.0	+1.7	+3.1	-1.9	+8.5	+0.83	+15	+0.78	+0.76	+0.94	\$253	\$408
USA16295688	HBR	37%	90%	84%	99%	99%	98%	98%	98%	98%	98%	98%	86%	97%	97%	97%	97%	95%	97%	91%	99%	99%	99%	99%		
VTMH17		66	70	9	91	69	50	67	62	64	45	37	5	58	55	17	8	99	1	95	73	38	9	25	8	12
VTMN424	TE MANIA NEBO N424 ^{PV}	-0.26	+9.1	-0.9	-6.6	+3.9	+53	+101	+134	+102	+28	+4.2	-4.5	+55	+6.6	-0.8	-4.0	+0.2	+3.9	-0.01	+47	+0.92	+0.86	+0.92	\$209	\$357
VTMJ89	HBR	40%	91%	85%	99%	98%	98%	98%	98%	97%	97%	97%	78%	97%	96%	96%	97%	92%	95%	87%	98%	98%	98%	98%		
VTMJ214		3	4	85	20	49	43	29	23	50	2	5	55	85	48	67	95	59	17	25	1	67	25	20	48	48
VTMN1387	TE MANIA NEON N1387 ^{SV}	-0.21	+1.3	+3.6	-6.3	+3.4	+45	+82	+104	+89	+19	+1.0	-7.5	+38	+3.3	-0.2	-0.8	-2.0	+10.	-0.13	+25	+0.72	+0.80	+0.90	\$228	\$372
VTMK138	HBR	39%	82%	75%	98%	98%	98%	98%	97%	96%	93%	97%	74%	95%	94%	94%	95%	88%	94%	88%	98%	97%	98%	97%		
VTML452		6	63	48	23	38	79	80	82	71	38	86	6	99	84	54	60	99	1	16	33	26	14	16	26	35
VTMP888	TE MANIA PESO P888 ^{PV}	-0.19	+7.0	+5.8	-5.2	+2.2	+57	+113	+144	+117	+25	+2.4	-6.5	+91	+6.8	-0.5	+1.3	+0.5	+1.5	-0.21	+23	+0.84	+1.08	+1.02	\$253	\$437
VTMK226	HBR	41%	84%	78%	98%	98%	97%	98%	97%	96%	95%	95%	73%	95%	95%	94%	95%	89%	94%	85%	96%	96%	96%	94%		
VTMH423		9	14	25	38	16	26	8	11	28	8	40	16	6	45	61	25	41	71	12	39	51	76	49	8	4
VTMQ854	TE MANIA QUEBEC Q854 ^{SV}	-0.05	+8.5	+1.8	-2.4	+1.5	+55	+95	+124	+84	+27	+1.4	-4.0	+71	+3.6	+1.7	-0.4	-0.4	+3.3	+0.57	+32	+0.62	+0.78	+0.76	\$215	\$350
USA18229488	HBR	37%	87%	77%	98%	98%	97%	98%	97%	96%	93%	97%	64%	95%	94%	94%	95%	87%	94%	87%	97%	98%	98%	97%		
VTML1244		45	6	66	81	9	36	45	43	77	4	76	67	43	82	17	53	86	28	83	13	12	12	3	40	54
VTMR970	TE MANIA RESOLUTION R970 ^{PV}	-0.08	+2.9	+4.1	-5.3	+3.5	+57	+108	+135	+106	+23	+2.0	-6.5	+79	+8.4	-0.1	-0.8	+0.6	+2.6	-0.26	+27	+0.86	+0.90	+1.20	\$256	\$421
VTMP149	HBR	39%	75%	62%	95%	96%	94%	92%	92%	87%	78%	84%	51%	80%	80%	80%	80%	73%	80%	78%	93%	88%	88%	85%		
VTMP287		34	49	43	37	40	25	14	22	44	11	55	16	22	28	51	60	35	43	9	26	55	33	92	7	8
Breed Average EBVs		-0.04	+2.1	+3.0	-4.5	+3.9	+52	+93	+120	+102	+17	+2.2	-4.8	+68	+6.5	+0.0	-0.2	+0.4	+2.4	+0.23	+21	+0.84	+0.96	+1.02	+205	+350

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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		
VTMR795 NORH708 VTML1374	TE MANIA ROCCO R795 ^{SV} APR	-0.16 45% 13	+0.4 82% 70	+2.0 72% 65	-3.8 99% 61	+1.6 98% 10	+40 98% 92	+90 98% 62	+118 97% 56	+113 93% 34	+19 87% 34	+1.7 97% 66	-5.1 61% 41	+48 91% 93	+5.6 91% 60	+0.6 90% 36	-2.4 91% 83	+0.0 84% 70	+5.7 90% 3	+0.19 83% 46	+36 97% 7	+0.68 97% 19	+0.82 97% 17	+1.16 96% 86	\$187 71	\$339 63		
DXTR725 USA18962396 DXTM647	TEXAS ICEMAN R725 ^{PV} HBR	-0.20 37% 7	+0.7 85% 71	+1.6 67% 68	-3.6 99% 64	+3.6 98% 42	+53 98% 44	+99 98% 33	+124 97% 43	+103 92% 49	+15 87% 64	+2.2 96% 48	-2.7 55% 89	+74 87% 33	+11.0 87% 10	+2.3 86% 10	+4.7 86% 3	+0.2 80% 59	+1.7 86% 66	+0.51 83% 79	+38 96% 5	+1.24 92% 98	+0.84 92% 21	+0.58 89% 1	\$211 46	\$354 51		
DXTM100 USA15848590 DXTZ183	TEXAS MT KAPUTAR M100 ^{PV} HBR	-0.31 37% 1	+5.1 82% 28	+6.7 71% 16	-10.0 97% 2	+4.8 96% 69	+60 95% 16	+105 95% 19	+144 94% 11	+138 90% 9	+14 92% 70	+3.5 62% 12	-3.1 64% 84	+80 90% 21	+4.6 89% 72	-2.6 88% 93	-3.3 89% 91	+0.1 83% 65	+2.2 90% 53	+0.29 81% 57	+32 93% 12	+1.00 85% 80	+1.18 85% 90	+0.98 81% 36	\$186 73	\$364 42		
DBLF4 BNAD145 BNAC115	TOPBOS AMBASSADOR F4 ^{PV} HBR	-0.39 66% 1	-0.5 93% 75	-10.8 86% 99	+0.9 98% 99	+4.7 98% 67	+51 98% 52	+92 98% 54	+125 98% 40	+104 97% 47	+25 97% 6	+2.0 97% 55	-4.9 76% 45	+78 95% 25	+8.4 93% 28	-4.8 94% 99	-4.8 94% 97	+1.5 91% 5	+5.7 94% 3	-0.36 86% 6	+2 92% 98	+0.56 90% 7	+0.90 91% 33	+1.18 88% 89	\$228 26	\$355 50		
DBLL292 USA16295688 VSNF04	TOPBOS LEADING EDGE L292 ^{PV} HBR	+0.08 40% 85	+2.4 89% 53	+7.4 76% 11	-5.8 98% 29	+6.7 98% 94	+73 97% 1	+125 97% 2	+163 97% 2	+150 96% 4	+23 96% 14	+1.4 97% 76	-3.7 71% 73	+82 94% 16	+4.2 92% 76	-2.2 91% 90	-5.0 93% 98	+0.0 88% 70	+1.6 93% 69	+0.09 87% 35	+18 97% 61	+0.94 92% 71	+0.82 92% 17	+0.82 89% 6	\$219 37	\$405 14		
NZE17691009 NZE17691003Y167 NZE17691195Q263	TURIHAUA CRUMP E5 ^{SV} HBR	+0.05 41% 78	-1.9 94% 83	-0.4 87% 82	-5.8 97% 29	+3.1 98% 31	+28 98% 99	+58 98% 99	+83 98% 98	+91 97% 68	+14 97% 76	+0.9 98% 88	-8.8 90% 2	+17 95% 99	-0.8 95% 99	+5.3 95% 1	+4.1 95% 4	-0.4 94% 86	+1.5 95% 71	+0.46 88% 74	+29 91% 21	+0.62 84% 12	+1.22 84% 94	+1.18 79% 89	\$126 98	\$251 96		
NXTJ122 NORC574 NXTC89	TWYNAM J122 ^{PV} APR	-0.12 45% 22	+4.8 78% 31	+3.4 69% 51	-4.5 93% 49	+4.9 93% 71	+45 92% 79	+81 91% 84	+114 88% 65	+91 87% 67	+17 87% 53	+1.7 85% 66	-6.4 64% 17	+72 86% 40	+6.5 86% 49	+3.1 86% 5	-0.7 86% 58	+0.6 80% 35	+3.4 88% 26	+0.31 82% 59	-3 86% 99	+0.96 85% 74	+0.76 85% 9	+1.00 81% 42	\$219 36	\$363 43		
NXTL096 NXTH111 NXTJ078	TWYNAM L096 ^{SV} APR	-0.08 42% 34	+9.0 76% 4	+10.8 62% 1	-8.5 94% 6	+2.3 94% 18	+57 91% 25	+111 91% 10	+150 91% 6	+118 87% 26	+26 82% 4	+3.1 86% 20	-11.4 53% 1	+105 87% 1	+2.9 85% 87	+0.2 83% 45	+0.8 87% 32	-0.3 80% 83	+2.6 88% 43	-0.25 87% 10	+1 83% 99	+0.64 74% 14	+0.82 75% 17	+0.94 70% 25	\$285 1	\$491 1		
USA18066037 USA17262835 USA16924432	V A R LEGEND 5019 ^{SV} HBR	+0.00 37% 63	-6.4 81% 95	+4.6 71% 37	-6.3 96% 23	+5.1 96% 75	+69 95% 3	+121 94% 3	+147 94% 8	+156 91% 3	+7 89% 98	+2.7 90% 30	-3.8 62% 71	+86 90% 11	+9.0 89% 22	-4.0 88% 99	-6.0 87% 99	+1.3 81% 8	+1.9 90% 61	-0.24 80% 10	+16 89% 67	+1.06 97% 88	+0.64 96% 2	+0.84 81% 8	\$208 50	\$381 28		
NZE18954020 NZE21159016327 NZE18954118P105	WAITANGI R257 ^{PV} HBR	-0.14 39% 17	+1.1 69% 64	+1.4 60% 70	-6.2 96% 24	+3.7 96% 44	+52 94% 46	+91 95% 57	+118 94% 55	+97 90% 59	+26 81% 4	+3.2 90% 17	-8.5 52% 2	+64 81% 63	+9.3 82% 20	-0.5 82% 61	-1.3 82% 68	+0.2 76% 59	+5.3 82% 4	+0.75 82% 92	+20 89% 50	+0.82 90% 46	+0.70 90% 5	+0.70 86% 1	\$256 7	\$410 11		
LEJ21S102 NJWN498 ASHL24	WALLAWONG SAFE & SOUND HBR	+0.09 37% 87	+7.2 74% 12	+3.3 62% 52	-6.3 92% 23	+4.7 91% 67	+48 89% 66	+85 88% 73	+114 89% 64	+98 85% 57	+18 78% 41	+2.0 81% 55	-1.3 50% 98	+64 78% 64	+7.3 78% 39	-1.2 79% 76	-1.1 79% 65	+0.5 72% 41	+4.1 79% 15	+0.36 77% 65	+13 84% 79	+0.52 84% 4	+0.74 84% 8	+1.14 80% 82	\$185 73	\$319 76		
QKBP29 SMPG357 QKBM01	WARRAWEE PATROL P29 ^{PV} HBR	+0.04 46% 75	+7.1 80% 13	+10.3 72% 1	-11.9 96% 1	+2.9 94% 27	+54 93% 37	+103 92% 24	+138 92% 17	+131 89% 13	+18 83% 46	+2.5 88% 37	-10.4 66% 1	+101 86% 2	+9.7 85% 17	+3.8 85% 3	+2.5 86% 12	+0.2 79% 59	+2.0 87% 58	+0.63 78% 87	+30 88% 17	+0.76 78% 34	+1.18 78% 90	+1.00 74% 42	\$269 3	\$479 1		
NWPE111 USA14474596 NWPC36	WATTLETOP SITZ 458N E111 ^{SV} HBR	+0.22 79% 99	+4.6 90% 33	+7.1 81% 13	-3.7 97% 63	+2.8 98% 25	+51 97% 55	+91 97% 57	+124 97% 42	+94 95% 63	+25 96% 6	+1.9 95% 59	-1.4 74% 98	+84 94% 14	+5.5 92% 61	-4.1 92% 99	-3.5 93% 92	+0.9 89% 20	+2.7 93% 41	-0.54 86% 2	+25 95% 31	+0.98 87% 77	+0.96 88% 48	+1.12 83% 78	\$189 70	\$322 74		
Breed Average EBVs		-0.04	+2.1	+3.0	-4.5	+3.9	+52	+93	+120	+102	+17	+2.2	-4.8	+68	+6.5	+0.0	-0.2	+0.4	+2.4	+0.23	+21	+0.84	+0.96	+1.02	+205	+350		

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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
CWDM5	WEATHERLY MOXY M5 ^{SV}	-0.34	+4.1	+6.6	-4.5	+4.1	+57	+101	+135	+114	+27	+2.6	-7.7	+93	+7.7	+2.7	-0.3	+0.5	+2.4	+0.28	+19	+0.94	+1.06	+1.00	\$254	\$429
SMPG357	HBR	43%	72%	67%	93%	96%	95%	95%	95%	94%	92%	89%	65%	86%	85%	86%	86%	81%	85%	82%	92%	93%	93%	87%		
CWDJ15		1	38	17	49	54	28	27	21	31	4	33	5	4	35	7	51	41	48	56	54	71	72	42	8	6
JVC21S2	WRIGLEY SUPREME S2 ^{PV}	-0.03	+9.7	+8.4	-1.3	+2.5	+59	+108	+135	+89	+24	+3.9	-9.3	+88	+8.3	-1.8	-0.9	+0.9	+4.2	+0.70	+4	+0.96	+0.90	+1.02	\$320	\$497
USA18636106	HBR	42%	72%	64%	97%	95%	94%	94%	91%	86%	79%	92%	53%	81%	78%	79%	79%	72%	80%	70%	92%	86%	88%	84%		
JVCQ83		52	2	6	91	20	20	15	21	71	10	7	1	9	29	85	61	20	13	90	96	74	33	49	1	1
Breed Average EBVs		-0.04	+2.1	+3.0	-4.5	+3.9	+52	+93	+120	+102	+17	+2.2	-4.8	+68	+6.5	+0.0	-0.2	+0.4	+2.4	+0.23	+21	+0.84	+0.96	+1.02	+205	+350

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