

TACE 

TransTasman Angus Cattle Evaluation

Shear Force

RESEARCH BREEDING VALUES

JANUARY 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.

Angus Australia - Shear Force Research Breeding Values

Date: December 19, 2024

Page: 1

| 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 |
| USA15719841 USA13880818 USA15151449 | A A R TEN X 7008 S A ^{SV} HBR | +0.31 43% 99 | +4.5 | +7.0 | -4.5 | +2.8 | +59 | +105 | +136 | +106 | +19 | +2.2 | -3.4 | +79 | +5.8 | -3.1 | -6.7 | +0.8 | +2.4 | +0.00 | +13 | +1.44 | +1.02 | +0.78 | \$212 | \$366 |
| NXOL172 NXOF43 NXOJ432 | AJC L172 ^{SV} APR | -0.07 36% 38 | +6.8 | +8.0 | -6.2 | +3.0 | +58 | +99 | +137 | +127 | +14 | +2.1 | -4.8 | +72 | +6.5 | -0.6 | +0.3 | +0.3 | +1.1 | -0.97 | +22 | +1.42 | +1.26 | +1.16 | \$210 | \$388 |
| ARRR11 CAN2043806 QMUN24 | ALKIRA RENEGADE R11 ^{PV} HBR | +0.27 37% 99 | +7.8 | +6.7 | -4.3 | +2.2 | +44 | +94 | +127 | +103 | +25 | +2.3 | -7.3 | +61 | +9.2 | +2.0 | +1.4 | +0.1 | +2.1 | +0.17 | +3 | +0.74 | +0.68 | +0.90 | \$220 | \$390 |
| DGJG10 VTMB1 DGJZ15 | ALLOURA GET CRACKING G10 ^{SV} HBR | -0.05 48% 45 | +8.4 | +8.0 | -2.9 | +2.5 | +43 | +74 | +86 | +83 | +13 | -0.4 | -7.9 | +45 | +14.2 | +1.5 | +0.5 | +0.8 | +5.9 | +0.45 | +6 | +0.48 | +0.98 | +0.94 | \$266 | \$418 |
| DGJL94 USA15832750 DGJH24 | ALLOURA LOCK STOCK & HBR | -0.09 41% 31 | +5.7 | +1.2 | -4.0 | +2.7 | +56 | +94 | +125 | +121 | +11 | +1.1 | -4.2 | +65 | +0.7 | +2.2 | -1.1 | +0.1 | +2.0 | -0.41 | +25 | +0.84 | +0.86 | +0.94 | \$185 | \$344 |
| DGJQ30 WWEL3 DGJK117 | ALLOURA QUINELLA Q30 ^{SV} HBR | -0.09 42% 31 | +2.5 | +1.8 | +0.5 | +3.0 | +53 | +97 | +117 | +120 | +14 | +3.4 | -7.9 | +64 | +14.2 | +0.1 | +0.5 | +0.8 | +7.4 | +0.45 | +16 | +0.92 | +1.04 | +1.18 | \$290 | \$469 |
| CGKR232 NORN542 CGKM152 | ALPINE RONALDO R232 ^{PV} HBR | -0.14 42% 17 | +7.6 | +7.2 | -5.3 | +1.7 | +52 | +97 | +136 | +115 | +25 | +3.1 | -5.4 | +79 | +11.5 | -3.3 | -3.1 | +0.7 | +3.4 | +0.35 | +25 | +0.60 | +0.68 | +0.96 | \$229 | \$400 |
| NAQA241 USA2928 NAQW38 | ARDROSSAN EQUATOR A241 ^{PV} HBR | -0.01 81% 60 | -1.4 | +3.0 | -4.4 | +4.1 | +50 | +91 | +121 | +108 | +20 | +3.2 | -9.0 | +87 | +8.1 | -2.1 | -0.3 | +1.3 | +1.5 | +0.70 | +25 | +0.46 | +0.86 | +1.00 | \$234 | \$392 |
| NAQN329 NAQH318 NAQK30 | ARDROSSAN HOLBROOK N329 HBR | -0.05 51% 45 | -2.9 | +1.4 | -3.0 | +2.6 | +46 | +84 | +109 | +76 | +23 | +2.4 | -7.6 | +70 | +5.3 | +2.7 | +2.6 | -1.0 | +4.0 | +1.04 | +15 | +0.84 | +1.00 | +0.92 | \$211 | \$337 |
| NAQH255 NORE11 NAQD17 | ARDROSSAN HONOUR H255 ^{PV} HBR | +0.09 60% 88 | -1.9 | -0.9 | -2.7 | +4.6 | +43 | +75 | +97 | +94 | +13 | +2.2 | -5.8 | +61 | +5.7 | +1.0 | -1.4 | +0.6 | +2.4 | +1.03 | +9 | +0.42 | +1.02 | +1.24 | \$166 | \$290 |
| NAQQ67 NMMN334 NAQL96 | ARDROSSAN NECTAR Q67 ^{PV} HBR | +0.07 43% 84 | +5.1 | +5.8 | -9.1 | +3.5 | +55 | +101 | +133 | +129 | +12 | +3.0 | -6.2 | +55 | +5.7 | +1.9 | +0.1 | -0.4 | +2.8 | +0.08 | +36 | +0.36 | +0.82 | +1.04 | \$211 | \$395 |
| QQFH147 VTME343 NMMF123 | ASCOT HALLMARK H147 ^{PV} HBR | -0.31 43% 1 | -2.7 | +1.7 | -5.0 | +7.1 | +60 | +110 | +152 | +135 | +14 | +3.8 | -6.0 | +81 | -1.5 | +0.7 | -0.2 | -0.9 | +3.4 | +0.33 | +19 | +0.48 | +0.86 | +1.04 | \$200 | \$369 |
| HIOE7 VTMB219 BVBV32 | AYRVALE BARTEL E7 ^{PV} HBR | -0.10 83% 28 | +9.0 | +9.5 | -4.4 | +1.8 | +49 | +86 | +113 | +75 | +25 | +2.5 | -9.0 | +64 | +8.4 | -0.2 | +0.6 | +1.2 | +3.6 | +0.34 | +5 | +1.04 | +1.00 | +1.12 | \$289 | \$445 |
| Breed Average EBVs | | -0.04 | +2.3 | +3.2 | -4.6 | +3.9 | +52 | +94 | +121 | +103 | +17 | +2.2 | -4.8 | +69 | +6.6 | +0.1 | -0.2 | +0.4 | +2.5 | +0.23 | +21 | +0.84 | +0.96 | +1.02 | +206 | +353 |

Angus Australia - Shear Force Research Breeding Values

Date: December 19, 2024

Page: 2

| 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 |
| NBB21S86 NMMMP15 NBBQ25 | BALD BLAIR STIRLING S86 ^{PV} HBR | -0.03 39% 53 | +6.7 74% 17 | +9.4 64% 3 | -4.4 94% 52 | +2.5 95% 20 | +64 93% 8 | +107 92% 16 | +143 88% 11 | +114 84% 31 | +19 78% 35 | +3.8 81% 8 | -4.9 47% 46 | +93 79% 5 | +6.2 74% 53 | -2.4 76% 93 | -3.6 76% 94 | +0.2 69% 59 | +3.8 77% 19 | -0.31 65% 7 | +5 90% 97 | +0.72 71% 25 | +0.70 71% 5 | +1.06 68% 61 | \$248 11 | \$423 8 |
| VONN462 VONJ507 VONK224 | BANQUET NUTTELLA N462 ^{PV} HBR | -0.04 42% 49 | -3.2 81% 88 | +2.2 66% 65 | -4.1 94% 57 | +7.0 97% 96 | +56 96% 31 | +104 96% 21 | +141 96% 13 | +109 90% 40 | +24 85% 10 | +3.5 94% 12 | -4.1 52% 66 | +69 89% 50 | +3.6 88% 82 | +0.1 87% 48 | -1.4 88% 71 | +0.0 80% 70 | +1.1 89% 81 | -0.27 77% 9 | +55 95% 1 | +0.56 78% 6 | +0.92 78% 38 | +0.80 72% 4 | \$179 79 | \$318 78 |
| NBNN239 USA16956101 NBNH215 | BEN NEVIS NEWSFLASH N239 ^{PV} HBR | -0.22 39% 5 | -0.8 85% 78 | +3.1 73% 56 | -4.3 97% 54 | +4.9 98% 72 | +59 96% 21 | +99 97% 35 | +134 97% 24 | +115 93% 30 | +18 90% 39 | +0.8 93% 91 | -2.5 62% 92 | +85 92% 12 | +5.4 91% 63 | -2.3 90% 92 | -0.2 91% 49 | +0.4 84% 46 | +1.4 92% 74 | +0.26 84% 54 | +9 91% 91 | +0.98 92% 76 | +0.98 92% 53 | +0.90 89% 15 | \$191 69 | \$332 70 |
| NBNP122 USA17960722 NBNM115 | BEN NEVIS PRIME P122 ^{PV} HBR | +0.07 42% 84 | +4.6 77% 34 | +6.7 67% 18 | +0.0 93% 97 | +2.5 95% 20 | +57 92% 29 | +87 93% 71 | +112 93% 70 | +78 87% 85 | +11 79% 88 | +3.1 87% 19 | -4.2 57% 64 | +60 81% 75 | +5.3 81% 65 | +1.2 81% 24 | +1.7 81% 19 | -0.6 76% 92 | +4.9 82% 7 | +0.45 69% 74 | +22 84% 45 | +0.72 87% 25 | +0.74 86% 8 | +0.96 82% 29 | \$238 18 | \$375 35 |
| NBNR138 USA17960722 NBNP153 | BEN NEVIS RONAN R138 ^{PV} HBR | +0.12 38% 92 | +4.3 76% 37 | +5.8 67% 26 | -8.8 87% 90 | +3.4 90% 37 | +72 90% 1 | +119 90% 4 | +145 89% 9 | +139 85% 8 | +12 78% 86 | +2.2 81% 48 | -4.6 54% 54 | +80 79% 21 | +8.5 76% 27 | -1.4 77% 80 | -2.2 77% 82 | +0.6 71% 34 | +1.2 79% 79 | -0.09 68% 19 | +27 84% 27 | +0.76 85% 32 | +0.86 87% 25 | +0.90 83% 15 | \$247 12 | \$435 4 |
| NGXQ227 VLYM518 NGXN221 | BONGONGO BE QUICK Q227 ^{PV} HBR | -0.12 41% 22 | +3.6 72% 44 | +2.6 66% 61 | -4.5 97% 50 | +3.0 97% 29 | +50 94% 58 | +91 94% 59 | +114 93% 65 | +60 88% 96 | +23 81% 13 | +3.8 85% 8 | -6.7 57% 13 | +67 90% 57 | +11.5 89% 8 | +0.6 88% 36 | +2.9 89% 9 | +0.1 81% 65 | +5.8 91% 2 | +1.10 81% 99 | +20 88% 55 | +0.64 86% 13 | +1.06 86% 71 | +1.12 83% 77 | \$289 1 | \$422 8 |
| NGXP212 NORL508 NGXL13 | BONGONGO P212 ^{PV} HBR | -0.08 39% 34 | +6.3 71% 20 | +9.7 63% 2 | -6.9 96% 17 | +2.2 96% 16 | +47 95% 73 | +87 95% 69 | +103 94% 84 | +80 90% 83 | +22 85% 16 | +3.8 87% 8 | -9.2 61% 1 | +55 89% 86 | +3.7 89% 82 | +3.4 88% 4 | +5.9 89% 1 | -1.1 82% 98 | +4.8 90% 7 | +0.88 81% 96 | +11 86% 86 | +0.80 84% 41 | +0.84 84% 21 | +0.98 80% 35 | \$257 7 | \$422 8 |
| NUIF32 NGMC196 NUID96 | BONNY BROOKE FALCO F32 ^{SV} HBR | +0.08 46% 86 | -4.6 67% 92 | -10.0 54% 99 | -0.2 91% 96 | +6.2 89% 91 | +54 91% 42 | +84 89% 78 | +109 91% 76 | +99 84% 57 | +18 78% 46 | -0.5 77% 99 | -2.2 52% 94 | +64 84% 64 | -2.1 82% 99 | +2.4 82% 9 | +1.6 83% 20 | -1.2 73% 99 | +2.2 82% 54 | -0.34 73% 6 | +20 81% 55 | +1.00 79% 79 | +0.92 79% 38 | +1.06 74% 61 | \$126 98 | \$226 99 |
| HCAG013 VTMA217 VTMZ618 | BOONAROO GRAVITY G013 ^{PV} HBR | -0.01 54% 60 | +5.3 91% 28 | +3.4 84% 52 | -5.3 98% 38 | +3.7 98% 44 | +51 97% 53 | +88 97% 67 | +116 97% 62 | +102 95% 51 | +23 96% 12 | +3.9 97% 7 | -5.4 72% 35 | +57 93% 82 | +5.4 92% 93 | -2.8 92% 95 | -3.3 92% 92 | +1.3 88% 7 | +3.0 91% 35 | -0.72 86% 1 | +22 94% 47 | +0.50 93% 3 | +0.92 94% 38 | +1.06 91% 61 | \$214 44 | \$365 44 |
| HCAN20 VTMK338 HCAL54 | BOONAROO KASBAH N20 ^{SV} HBR | -0.13 38% 19 | +4.8 76% 33 | +2.4 63% 63 | -5.3 93% 38 | +5.5 96% 82 | +48 95% 70 | +89 94% 65 | +114 91% 65 | +107 87% 43 | +15 82% 65 | +3.8 90% 8 | -6.3 55% 18 | +56 90% 85 | +5.7 88% 60 | -0.6 88% 64 | -1.5 89% 72 | +0.9 79% 19 | +2.1 91% 57 | +0.70 83% 90 | +17 94% 66 | +0.86 91% 54 | +1.02 91% 63 | +1.08 85% 67 | \$202 58 | \$359 48 |
| NGMN418 WWEL3 NGML471 | BOOROOMOOKA JACKPOT N418 HBR | -0.07 41% 38 | +2.3 71% 56 | +7.1 66% 15 | -8.6 95% 6 | +5.5 96% 82 | +63 96% 10 | +111 96% 10 | +137 96% 19 | +134 94% 11 | +5 88% 99 | +3.5 94% 12 | -7.2 62% 8 | +80 89% 21 | +8.5 86% 27 | -0.7 86% 67 | -0.3 87% 51 | +0.7 80% 29 | +2.7 88% 42 | +0.25 80% 53 | +29 95% 22 | +1.32 93% 99 | +1.08 93% 75 | +1.04 87% 54 | \$264 4 | \$457 2 |
| NGMN213 NGML201 NGML45 | BOOROOMOOKA NORMANDY HBR | -0.12 42% 22 | +11.7 79% 1 | +11.2 66% 1 | -7.7 94% 10 | +1.1 96% 6 | +41 95% 91 | +74 96% 94 | +101 95% 87 | +73 94% 90 | +23 88% 13 | +3.3 94% 15 | -9.4 55% 1 | +51 89% 91 | +4.0 87% 79 | -2.8 87% 95 | -3.1 88% 91 | +1.0 79% 15 | +3.2 89% 31 | +0.94 79% 97 | +32 95% 15 | +0.74 93% 29 | +0.58 93% 1 | +1.02 85% 48 | \$232 24 | \$383 29 |
| NGMP96 WWEL3 NGMM566 | BOOROOMOOKA PARAGON P96 HBR | -0.07 42% 38 | -3.2 82% 88 | +2.9 74% 58 | -7.7 98% 10 | +3.6 98% 42 | +63 98% 10 | +120 98% 3 | +162 98% 2 | +130 95% 14 | +30 91% 1 | +3.6 97% 10 | -8.4 63% 3 | +110 93% 1 | +13.1 91% 4 | -2.7 91% 95 | -1.3 92% 69 | +1.6 83% 3 | +2.2 93% 54 | +0.85 86% 95 | +32 98% 14 | +0.84 97% 49 | +0.96 97% 48 | +1.08 94% 67 | \$292 1 | \$474 1 |
| Breed Average EBVs | | -0.04 | +2.3 | +3.2 | -4.6 | +3.9 | +52 | +94 | +121 | +103 | +17 | +2.2 | -4.8 | +69 | +6.6 | +0.1 | -0.2 | +0.4 | +2.5 | +0.23 | +21 | +0.84 | +0.96 | +1.02 | +206 | +353 |

Angus Australia - Shear Force Research Breeding Values

Date: December 19, 2024

Page: 3

| Ident | Name | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------------|-------------------------------------------|--------------------|-------------------|--------------------|-------------------|-------------------|------------------|-------------------|-------------------|-------------------|------------------|-------------------|-------------------|------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------|------------------|--------------------|--------------------|--------------------|-------------|-------------|
| Sire Dam | Reg. | Shear Force | Calv-Ease | | Birth | | Growth | | | Maternal | | | Fert | | Carcase | | | | | Feed | Temp | Structural | | Selection Index | | |
| | | | Dir | Dtrs | GL | BW | 200 | 400 | 600 | MCW | Milk | SS | DC | CW | EMA | Rib | P8 | RBY | IMF | NFI-F | Doc | Claw | Angle | Leg | \$A | \$A-L |
| NGMP22 NGMK9 NGMK640 | BOOROOMOOKA PRESIDENT HBR | -0.15 44% 15 | -0.5 78% 76 | +4.4 66% 41 | -6.3 97% 24 | +4.9 96% 72 | +58 95% 23 | +108 95% 14 | +144 96% 10 | +129 91% 14 | +21 83% 20 | +3.1 91% 19 | -6.0 59% 23 | +78 91% 25 | +5.6 89% 61 | +0.2 88% 46 | +0.8 89% 32 | +0.2 80% 59 | +2.6 91% 44 | +0.57 83% 83 | +18 94% 63 | +0.38 87% 1 | +0.60 88% 1 | +0.82 81% 5 | \$229 27 | \$402 16 |
| NGMR49 USA17960722 NGMP361 | BOOROOMOOKA RAUDONIKIS HBR | -0.01 37% 60 | +4.3 72% 37 | +5.8 65% 26 | -5.4 92% 36 | +3.9 93% 49 | +62 91% 11 | +104 91% 22 | +128 89% 34 | +96 85% 61 | +20 78% 30 | +3.7 86% 9 | -3.0 53% 86 | +72 79% 41 | +12.1 76% 6 | -0.5 77% 62 | -2.0 78% 79 | +1.2 71% 9 | +0.9 78% 85 | +0.10 67% 36 | +29 88% 21 | +0.98 79% 76 | +0.80 79% 14 | +0.82 74% 5 | \$233 23 | \$381 30 |
| BOWK2 VTME343 NAQZ31 | BOWMAN AUSTRALIA K2 PV HBR | -0.14 45% 17 | +7.9 80% 10 | +2.7 75% 60 | -6.6 94% 20 | +3.5 91% 40 | +49 91% 65 | +98 91% 38 | +121 91% 49 | +96 87% 61 | +23 86% 14 | +4.9 84% 2 | -7.8 68% 5 | +69 88% 51 | +8.0 88% 32 | -0.1 88% 53 | -1.6 88% 74 | +0.9 83% 19 | +1.5 90% 72 | -0.62 83% 2 | +14 88% 79 | +0.86 84% 54 | +1.00 85% 58 | +0.94 81% 24 | \$228 28 | \$391 23 |
| SRKK306 NJWG279 TFAD58 | BOWMONT KING K306 PV HBR | -0.12 45% 22 | -1.0 88% 79 | -9.0 80% 99 | -4.5 97% 50 | +4.6 98% 65 | +50 97% 61 | +78 97% 88 | +103 97% 85 | +86 95% 76 | +2 95% 99 | -0.3 96% 99 | -4.7 69% 51 | +65 94% 64 | +14.8 93% 2 | -0.5 93% 62 | -1.8 93% 77 | +1.5 91% 4 | +4.8 94% 7 | +0.51 87% 79 | +26 96% 32 | +0.54 92% 5 | +0.90 92% 33 | +0.72 90% 1 | \$238 19 | \$351 56 |
| BON21S004 USA19266718 BONQ008 | BRIDGEWATER HOMETOWN HBR | +0.06 38% 82 | +10.0 70% 2 | +8.8 61% 5 | -9.3 92% 3 | +1.3 89% 7 | +61 88% 15 | +101 88% 28 | +131 86% 29 | +98 83% 58 | +16 77% 57 | +3.0 81% 22 | -7.8 47% 5 | +88 77% 8 | +9.0 75% 22 | +2.1 76% 12 | +0.7 77% 34 | -0.1 69% 75 | +2.6 78% 44 | +0.35 64% 64 | +39 85% 5 | +1.36 71% 99 | +1.06 71% 71 | +0.88 68% 12 | \$272 3 | \$447 3 |
| BONQ007 QMUM13 HIOL28 | BRIDGEWATER QUANTUM Q007 HBR | -0.06 43% 41 | -3.0 70% 88 | -1.5 64% 89 | -5.3 93% 38 | +5.6 93% 84 | +64 91% 7 | +101 91% 29 | +133 92% 26 | +107 87% 43 | +21 79% 19 | +0.5 86% 95 | -5.9 57% 25 | +87 90% 10 | +6.9 89% 44 | +0.1 88% 48 | -1.7 89% 75 | +0.1 89% 65 | +2.1 79% 57 | +0.15 84% 42 | +22 86% 46 | +0.98 79% 76 | +0.82 80% 17 | +1.00 77% 41 | \$227 29 | \$365 44 |
| QBUG49 VTMB1 QBUE5 | BURENDA GEIGER COUNTER HBR | +0.10 48% 90 | +8.3 86% 8 | +8.6 76% 6 | -6.9 97% 17 | +2.9 97% 27 | +42 96% 90 | +80 96% 85 | +105 95% 81 | +91 94% 70 | +17 93% 50 | +2.1 94% 52 | -8.8 69% 2 | +65 92% 63 | +4.0 91% 79 | +0.4 91% 41 | -1.3 91% 69 | +0.4 85% 46 | +3.3 90% 29 | +0.15 85% 42 | +26 95% 30 | +0.96 85% 73 | +1.18 85% 90 | +0.98 82% 35 | \$221 36 | \$381 31 |
| WLHD19 USA13058662 USA14311946 | CHERYLTON STEWIE D19 PV HBR | +0.05 83% 79 | +2.4 94% 55 | +2.5 89% 62 | -4.7 98% 47 | +3.2 98% 33 | +45 98% 79 | +90 98% 61 | +111 98% 72 | +95 97% 62 | +20 98% 31 | +2.2 98% 48 | -7.4 77% 7 | +57 96% 83 | +4.5 95% 74 | -1.6 95% 84 | +1.3 95% 24 | -0.3 92% 83 | +4.1 95% 15 | +0.40 89% 69 | +15 96% 76 | +1.02 95% 82 | +1.00 95% 58 | +1.04 92% 54 | \$221 36 | \$373 37 |
| GTNM6 VTMF734 VSNF15 | CHILTERN PARK MOE M6 PV HBR | -0.18 44% 10 | +5.3 91% 28 | +3.3 84% 54 | -1.3 99% 91 | +3.1 99% 31 | +50 99% 57 | +99 99% 34 | +134 99% 24 | +78 97% 86 | +29 97% 2 | +1.5 98% 17 | -6.4 74% 17 | +82 95% 52 | +6.3 93% 93 | -0.7 94% 67 | +0.6 94% 35 | +0.2 90% 59 | +1.8 94% 64 | +0.27 86% 55 | +38 99% 6 | +0.70 99% 22 | +1.04 99% 67 | +1.10 98% 73 | \$242 16 | \$386 27 |
| GTNP9 HKFJ5 GTNK26 | CHILTERN PARK PICASSO P9 PV HBR | +0.05 48% 79 | +9.3 82% 4 | +8.8 69% 5 | -3.6 98% 65 | +1.0 98% 6 | +54 96% 38 | +101 97% 28 | +133 96% 26 | +95 90% 63 | +24 85% 9 | +3.3 95% 15 | -7.9 62% 4 | +91 88% 6 | +6.4 87% 51 | -0.1 87% 53 | +1.1 87% 27 | -0.6 80% 92 | +4.2 88% 14 | +0.70 77% 90 | +26 93% 32 | +0.64 93% 13 | +0.72 93% 6 | +0.82 88% 5 | \$263 5 | \$437 4 |
| GTNQ322 USA18636106 GTNL198 | CHILTERN PARK QUADRANT HBR | +0.11 40% 91 | +6.2 79% 20 | +3.7 66% 49 | -2.3 97% 82 | +3.3 97% 35 | +62 93% 12 | +115 96% 6 | +145 94% 10 | +108 88% 42 | +19 79% 34 | +4.2 84% 5 | -5.5 51% 33 | +92 90% 5 | +13.0 88% 4 | -1.7 88% 85 | -1.1 89% 66 | +0.7 79% 29 | +3.9 90% 18 | +0.87 82% 96 | +7 87% 95 | +1.12 85% 92 | +1.14 85% 85 | +1.02 81% 48 | \$284 1 | \$460 1 |
| QMUM13 USA16295688 QMUG1 | CLUNES CROSSING DUSTY M13 HBR | +0.17 40% 97 | +1.9 85% 59 | +5.8 81% 26 | -6.8 99% 18 | +5.3 99% 79 | +64 98% 7 | +101 98% 28 | +119 98% 54 | +65 98% 94 | +16 97% 62 | +1.0 98% 87 | -7.9 76% 4 | +71 96% 45 | +12.9 94% 4 | -2.4 95% 93 | -3.2 95% 91 | +1.0 92% 15 | +2.1 95% 57 | +0.23 88% 51 | +10 98% 89 | +0.88 98% 58 | +0.86 98% 25 | +0.98 96% 35 | \$301 1 | \$437 4 |
| NBHK330 NJWG279 NBHH381 | CLUNIE RANGE KALUHA K330 PV HBR | -0.23 43% 5 | -1.8 85% 83 | -12.0 75% 99 | -4.8 97% 45 | +5.6 97% 84 | +54 96% 39 | +95 96% 44 | +125 96% 40 | +99 93% 56 | +15 90% 67 | +1.5 96% 74 | -7.4 67% 7 | +93 93% 5 | +9.8 91% 16 | +0.2 91% 46 | -1.2 92% 67 | +1.2 90% 9 | +3.2 93% 31 | +0.31 86% 60 | +5 94% 96 | +0.70 88% 22 | +0.94 88% 43 | +1.16 85% 86 | \$247 12 | \$380 31 |
| Breed Average EBVs | | -0.04 | +2.3 | +3.2 | -4.6 | +3.9 | +52 | +94 | +121 | +103 | +17 | +2.2 | -4.8 | +69 | +6.6 | +0.1 | -0.2 | +0.4 | +2.5 | +0.23 | +21 | +0.84 | +0.96 | +1.02 | +206 | +353 |

Angus Australia - Shear Force Research Breeding Values

Date: December 19, 2024

Page: 4

| Ident | Name | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------------------------|-------------------------------------------------------|--------------------|-------------------|-------------------|-------------------|-------------------|------------------|-------------------|-------------------|-------------------|------------------|-------------------|-------------------|------------------|--------------------|-------------------|-------------------|-------------------|-------------------|--------------------|------------------|--------------------|--------------------|--------------------|-------------|-------------|--|
| Sire Dam | Reg. | Shear Force | Calv-Ease | | Birth | | Growth | | | Maternal | | Fert | | Carcase | | | | | Feed | Temp | Structural | | Selection Index | | | | |
| | | | Dir | Dtrs | GL | BW | 200 | 400 | 600 | MCW | Milk | SS | DC | CW | EMA | Rib | P8 | RBY | IMF | NFI-F | Doc | Claw | Angle | Leg | \$A | \$A-L | |
| NBHL348 NZE14647008839 AHWJ81 | CLUNIE RANGE LEGEND L348 ^{PV} HBR | +0.12 39% 92 | -5.6 95% 94 | +4.2 87% 43 | -7.8 99% 10 | +5.8 99% 86 | +57 98% 27 | +102 98% 25 | +123 98% 44 | +151 98% 4 | +1 97% 99 | +2.9 98% 24 | -7.9 80% 4 | +62 95% 72 | -0.1 94% 98 | +3.7 95% 3 | +0.9 93% 30 | -0.8 94% 95 | +2.6 87% 34 | +0.08 97% 38 | +24 97% 3 | +0.50 97% 14 | +0.80 97% 14 | +1.24 96% 95 | \$177 81 | \$358 50 | |
| NBHP392 USA17960722 NBHM516 | CLUNIE RANGE PLANTATION HBR | +0.19 37% 98 | +4.9 89% 32 | +3.4 77% 52 | -5.1 99% 41 | +4.3 99% 59 | +67 98% 4 | +116 98% 5 | +143 98% 11 | +109 94% 40 | +22 88% 15 | +5.6 98% 1 | -4.8 63% 49 | +71 91% 46 | -1.1 90% 99 | -0.4 89% 60 | -1.5 90% 72 | -1.5 82% 99 | +4.1 91% 15 | +0.22 81% 50 | +24 98% 39 | +0.70 97% 22 | +0.86 97% 25 | +0.90 94% 15 | \$223 33 | \$391 23 | |
| WDCH249 USA14885809 WDCE9 | COONAMBLE HECTOR H249 ^{SV} HBR | -0.03 51% 53 | +1.1 96% 66 | +0.5 88% 79 | -8.2 99% 7 | +4.6 99% 65 | +45 98% 80 | +80 98% 86 | +99 98% 89 | +93 97% 67 | +5 98% 99 | +1.3 98% 80 | -4.7 79% 51 | +46 96% 96 | +9.1 95% 22 | +4.2 95% 2 | +4.5 95% 3 | +0.5 94% 40 | +0.1 95% 95 | -0.46 89% 3 | +40 98% 4 | +0.40 96% 1 | +0.50 96% 1 | +0.80 94% 4 | \$179 80 | \$312 82 | |
| WDCK314 NAQA241 WDCD94 | COONAMBLE KEVIN K314 ^{PV} HBR | -0.03 55% 53 | +0.8 86% 68 | +5.1 75% 33 | -2.2 96% 83 | +4.5 98% 63 | +51 97% 56 | +101 96% 29 | +134 96% 24 | +111 93% 36 | +25 95% 6 | +4.5 94% 3 | -7.5 68% 6 | +84 92% 13 | +7.4 90% 39 | +0.1 90% 48 | +0.7 91% 34 | +0.2 86% 59 | +1.6 91% 69 | +0.56 83% 82 | +41 86% 3 | +0.50 85% 3 | +1.12 86% 82 | +1.20 82% 92 | \$219 38 | \$385 27 | |
| USA19611994 USA18467508 USA18974126 | DB ICONIC G95 ^{PV} HBR | +0.13 37% 93 | +3.9 76% 41 | +7.9 64% 9 | -3.1 96% 73 | +3.1 96% 31 | +66 94% 5 | +123 94% 2 | +152 93% 5 | +143 89% 6 | +15 87% 63 | +3.0 89% 22 | -3.8 54% 73 | +88 91% 8 | +6.4 90% 51 | +0.2 89% 46 | +0.6 89% 35 | -0.7 82% 94 | +4.2 92% 14 | +0.18 82% 45 | +41 86% 3 | +1.22 97% 97 | +0.98 97% 53 | +0.84 83% 7 | \$241 16 | \$437 4 | |
| NJS21S15 USA18636106 QHEJ100 | DEVANAH SATURN S15 ^{PV} HBR | -0.01 40% 60 | +6.0 74% 22 | +1.7 62% 69 | -7.5 93% 12 | +3.6 92% 42 | +65 90% 7 | +110 89% 11 | +144 87% 10 | +104 84% 48 | +25 78% 6 | +4.3 83% 4 | -7.0 48% 10 | +86 78% 11 | +8.2 75% 30 | -1.0 76% 73 | -2.2 77% 82 | +0.2 69% 59 | +2.2 78% 54 | +0.38 66% 67 | +19 86% 61 | +0.86 82% 54 | +0.98 83% 53 | +0.86 78% 9 | \$261 6 | \$429 6 | |
| WKGQ202 WKGN129 WKGL21 | DIAMOND ONE ALL IN Q202 ^{SV} HBR | -0.17 36% 11 | -8.1 70% 98 | -7.7 56% 99 | -5.3 93% 38 | +8.0 91% 99 | +72 89% 1 | +123 89% 2 | +167 86% 1 | +156 82% 3 | +22 75% 15 | +2.7 79% 30 | -4.6 40% 54 | +98 76% 3 | +10.0 69% 15 | -5.9 71% 99 | -6.0 71% 99 | +1.9 62% 2 | -0.4 74% 98 | -0.77 59% 1 | +34 85% 11 | +0.94 59% 69 | +0.60 59% 1 | +0.86 53% 9 | \$204 55 | \$364 45 | |
| NGCM028 QHEJ134 NGCK204 | DULVERTON MEDAGLIA M028 ^{PV} HBR | +0.05 43% 79 | -9.6 73% 99 | -2.5 63% 92 | -4.5 93% 50 | +7.4 91% 98 | +72 94% 2 | +120 94% 3 | +159 94% 3 | +151 88% 4 | +11 88% 91 | +1.2 91% 83 | -4.6 54% 54 | +85 88% 12 | +5.8 86% 58 | -1.1 86% 75 | -3.7 87% 94 | +0.4 78% 46 | +2.3 88% 51 | -0.82 78% 1 | +18 82% 65 | +1.12 78% 92 | +1.14 79% 85 | +1.10 74% 73 | \$211 48 | \$368 41 | |
| CYIR18 QMUM13 CYIM611 | EBONY BEEF BILLIE RAY R18 ^{PV} APR | +0.04 44% 76 | +3.6 70% 44 | +8.6 64% 6 | -3.9 93% 60 | +5.2 91% 78 | +67 90% 4 | +107 89% 15 | +129 87% 33 | +73 84% 90 | +22 79% 16 | +2.7 81% 18 | -6.3 54% 19 | +81 79% 5 | +12.3 78% 86 | -1.8 79% 64 | -1.0 79% 64 | +0.8 72% 23 | +2.0 80% 59 | +0.20 69% 47 | -2 87% 99 | +1.04 79% 85 | +0.90 79% 33 | +1.12 76% 77 | \$300 1 | \$447 3 | |
| USA16198796 USA14686137 USA15452880 | EF COMPLEMENT 8088 ^{PV} HBR | -0.10 43% 28 | +4.4 99% 36 | +7.4 95% 12 | -4.6 99% 49 | +2.9 99% 27 | +52 99% 48 | +98 99% 37 | +130 99% 30 | +98 99% 58 | +21 99% 23 | +1.4 99% 77 | -6.7 92% 13 | +76 98% 30 | +7.5 97% 37 | +1.3 98% 23 | +0.8 98% 32 | +0.7 97% 29 | +1.6 94% 69 | +0.52 94% 79 | +20 99% 54 | +0.94 99% 69 | +1.26 99% 96 | +1.16 98% 86 | \$247 12 | \$408 13 | |
| WWEQ15 VTMG67 WWEN17 | ESSLEMONT GARTH Q15 ^{PV} HBR | +0.05 46% 79 | -1.1 76% 80 | +3.1 68% 56 | -8.2 93% 7 | +5.6 91% 84 | +63 90% 10 | +110 90% 11 | +151 90% 6 | +143 86% 6 | +27 79% 3 | +2.2 83% 48 | -6.9 61% 11 | +69 88% 49 | +6.4 87% 51 | -3.4 86% 98 | -3.9 87% 95 | +0.4 78% 46 | +4.2 89% 14 | -0.40 82% 5 | +44 86% 2 | +0.90 80% 62 | +1.14 80% 85 | +1.04 77% 54 | \$241 16 | \$421 8 | |
| WWEL3 HIOG18 WWEJ8 | ESSLEMONT LOTTO L3 ^{PV} HBR | -0.25 45% 3 | -5.8 87% 95 | -1.2 86% 88 | -5.4 99% 36 | +4.6 99% 65 | +61 99% 15 | +110 99% 11 | +140 99% 15 | +135 98% 10 | +15 98% 66 | +3.6 98% 10 | -9.5 83% 1 | +89 97% 7 | +14.7 96% 2 | -0.3 96% 57 | +0.7 97% 34 | +1.5 95% 4 | +3.8 96% 19 | +0.37 92% 66 | +15 98% 76 | +1.12 98% 92 | +0.98 98% 53 | +1.16 97% 86 | \$294 1 | \$474 1 | |
| WWEQ24 WWEN12 WWEN7 | ESSLEMONT QUOKKA Q24 ^{PV} HBR | -0.21 44% 6 | +5.7 75% 25 | +1.5 64% 71 | -5.0 96% 42 | +1.6 96% 10 | +42 94% 89 | +83 94% 81 | +95 93% 93 | +51 88% 98 | +19 80% 36 | +3.9 90% 7 | -6.8 57% 12 | +64 90% 65 | +16.8 89% 1 | +1.4 88% 21 | +0.1 89% 44 | +2.2 80% 1 | +2.2 91% 54 | +1.18 83% 99 | +29 87% 22 | +0.74 73% 29 | +0.88 73% 29 | +0.94 70% 24 | \$269 3 | \$395 20 | |
| Breed Average EBVs | | -0.04 | +2.3 | +3.2 | -4.6 | +3.9 | +52 | +94 | +121 | +103 | +17 | +2.2 | -4.8 | +69 | +6.6 | +0.1 | -0.2 | +0.4 | +2.5 | +0.23 | +21 | +0.84 | +0.96 | +1.02 | +206 | +353 | |

Angus Australia - Shear Force Research Breeding Values

Date: December 19, 2024

Page: 5

| Ident | Name | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------------------------|-----------------------------------------------------|--------------------|-------------------|-------------------|-------------------|-------------------|------------------|-------------------|-------------------|-------------------|------------------|-------------------|-------------------|------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------|------------------|--------------------|--------------------|--------------------|-------------|-------------|
| Sire Dam | Reg. | Shear Force | Calv-Ease | | Birth | | Growth | | | Maternal | | | Fert | | Carcase | | | | | Feed | Temp | Structural | | Selection Index | | |
| | | | Dir | Dtrs | GL | BW | 200 | 400 | 600 | MCW | Milk | SS | DC | CW | EMA | Rib | P8 | RBY | IMF | NFI-F | Doc | Claw | Angle | Leg | \$A | \$A-L |
| WWE21S6 NGMN418 WWEN7 | ESLEMONT SEAN S6 ^{PV} HBR | -0.21 43% 6 | +5.6 69% 25 | +7.5 62% 12 | -5.8 94% 30 | +2.9 91% 27 | +57 91% 25 | +101 90% 28 | +116 88% 61 | +90 85% 71 | +14 79% 71 | +4.5 82% 3 | -6.0 52% 23 | +77 80% 27 | +17.0 76% 1 | +2.1 76% 12 | +0.3 77% 40 | +1.2 68% 9 | +4.0 80% 16 | +1.04 70% 99 | +27 88% 26 | +1.04 65% 85 | +1.22 65% 93 | +1.10 64% 73 | \$291 1 | \$457 2 |
| USA18217198 USA17354178 USA16934264 | G A R ASHLAND ^{PV} HBR | +0.09 37% 88 | +2.7 97% 52 | +3.7 87% 49 | -6.0 99% 27 | +3.2 99% 33 | +67 99% 4 | +116 99% 6 | +147 99% 8 | +122 98% 21 | +15 98% 69 | +1.4 98% 77 | -2.9 74% 88 | +87 97% 9 | +12.8 96% 4 | -2.4 96% 93 | -1.6 96% 74 | +1.1 94% 12 | +2.7 96% 42 | +0.07 89% 33 | +11 99% 87 | +1.22 99% 97 | +1.12 99% 82 | +0.86 98% 9 | \$263 5 | \$430 6 |
| USA16295688 USA13009379 USA15129456 | G A R PROPHET ^{SV} HBR | +0.09 38% 88 | +3.9 98% 41 | +6.2 94% 22 | -0.7 99% 94 | +3.8 99% 47 | +67 99% 4 | +108 99% 15 | +133 99% 24 | +86 99% 77 | +23 99% 13 | +0.7 99% 92 | -5.8 90% 27 | +71 98% 44 | +4.2 97% 77 | -0.6 97% 64 | -1.5 98% 72 | -0.8 97% 95 | +4.8 97% 7 | +0.78 94% 93 | +27 99% 28 | +1.02 99% 82 | +0.82 99% 17 | +0.92 98% 19 | \$274 2 | \$424 7 |
| USA17328461 USA16205036 USA16431932 | G A R SURE FIRE ^{SV} HBR | +0.06 39% 82 | +6.9 96% 15 | +3.7 87% 49 | -3.0 99% 74 | +2.3 99% 17 | +49 98% 64 | +90 98% 63 | +112 98% 70 | +84 97% 78 | +20 98% 27 | +4.1 98% 5 | -7.2 80% 8 | +63 96% 67 | +8.0 96% 32 | -0.2 96% 55 | -0.4 96% 53 | +0.9 95% 19 | +3.4 96% 27 | -0.09 89% 19 | +26 96% 31 | +1.18 99% 96 | +0.92 99% 38 | +0.60 92% 1 | \$250 10 | \$403 16 |
| USA18690054 USA17965471 USA18054344 | GB FIREBALL 672 ^{PV} HBR | +0.04 34% 76 | +2.2 95% 57 | +6.7 84% 18 | -4.8 99% 45 | +2.7 99% 23 | +62 98% 11 | +99 99% 33 | +132 98% 26 | +124 98% 20 | +16 97% 61 | +2.8 98% 27 | -7.5 67% 6 | +81 95% 19 | +14.4 94% 2 | -2.5 94% 93 | -3.9 93% 95 | +0.8 90% 23 | +5.5 94% 82 | +0.55 86% 8 | +11 98% 86 | +1.06 99% 87 | +0.94 99% 43 | +0.84 97% 7 | \$279 2 | \$459 2 |
| QBGH221 BNAD145 QBGD80 | GLENOCH HINMAN H221 ^{SV} HBR | -0.23 47% 5 | +6.3 85% 20 | -2.2 76% 91 | -3.0 97% 74 | +3.0 97% 29 | +53 96% 43 | +94 96% 48 | +126 96% 38 | +115 92% 30 | +21 94% 24 | +0.8 95% 91 | -3.3 70% 82 | +87 92% 10 | +7.6 91% 36 | -2.0 91% 89 | -4.9 92% 98 | +0.8 88% 23 | +5.3 92% 4 | -0.34 85% 6 | +10 86% 90 | +0.88 88% 58 | +0.78 89% 12 | +1.06 85% 61 | \$212 46 | \$361 47 |
| DKKM41 NORH708 DKKJ51 | HARDHAT H708 MAIMURU J51 APR | -0.01 45% 60 | -1.1 71% 80 | +3.0 63% 57 | -1.5 95% 90 | +2.4 94% 19 | +43 92% 86 | +91 91% 58 | +118 91% 57 | +97 87% 60 | +11 82% 89 | +1.3 86% 80 | -3.4 65% 80 | +63 89% 69 | +1.8 89% 93 | +0.8 88% 32 | -2.0 89% 79 | -0.5 81% 89 | +6.3 91% 1 | +0.13 84% 39 | +23 88% 42 | +1.08 89% 89 | +1.04 90% 67 | +1.10 86% 73 | \$185 75 | \$319 78 |
| DKKN43 NORK522 NKLK143 | HARDHAT K522 NEBRASKA HBR | +0.00 44% 64 | +8.1 79% 9 | +6.8 68% 17 | -9.5 94% 3 | +2.1 95% 15 | +59 93% 19 | +100 93% 31 | +137 91% 18 | +133 87% 12 | +14 85% 74 | +5.1 88% 1 | -7.1 58% 9 | +72 89% 40 | +2.7 87% 89 | +0.5 87% 39 | +0.1 88% 44 | -0.4 79% 86 | +0.3 90% 93 | +0.11 82% 37 | +13 92% 81 | +0.78 91% 36 | +0.82 91% 17 | +0.90 86% 15 | \$192 69 | \$382 29 |
| NHZF1023 VTMB1 NHZB723 | HAZELDEAN F1023 ^{SV} APR | -0.17 75% 11 | +4.6 93% 34 | +1.6 81% 70 | -2.6 98% 79 | +3.1 98% 31 | +39 98% 94 | +74 98% 94 | +88 98% 97 | +70 97% 92 | +13 97% 80 | +3.7 97% 97 | -5.3 77% 80 | +49 95% 37 | +8.6 94% 26 | +2.8 94% 6 | -0.2 94% 49 | +0.1 91% 65 | +5.9 94% 2 | +1.32 89% 99 | +13 98% 83 | +0.46 97% 2 | +0.98 97% 53 | +1.06 94% 61 | \$210 49 | \$336 67 |
| NHZP434 NHZJ140 NHZL527 | HAZELDEAN P434 ^{SV} APR | -0.01 47% 60 | +8.9 78% 5 | +6.4 65% 20 | -7.3 96% 13 | +1.8 95% 11 | +46 95% 75 | +87 95% 70 | +114 90% 66 | +96 84% 61 | +19 84% 34 | +2.7 93% 30 | -7.4 62% 7 | +70 90% 46 | +2.4 88% 91 | +0.4 89% 41 | -3.9 89% 95 | +0.9 80% 19 | +1.8 90% 64 | +0.67 82% 89 | +47 92% 1 | +0.58 88% 8 | +1.06 88% 48 | +1.06 84% 61 | \$201 60 | \$357 50 |
| NHZQ1229 NHZF1023 NHZJ823 | HAZELDEAN Q1229 ^{PV} APR | -0.04 50% 49 | +0.9 78% 67 | +5.6 64% 28 | -3.5 98% 67 | +4.0 97% 52 | +57 97% 28 | +103 97% 25 | +126 95% 39 | +80 88% 84 | +19 81% 33 | +4.7 96% 2 | -7.9 57% 4 | +80 90% 21 | +11.3 89% 8 | +0.1 88% 48 | -2.3 89% 83 | +0.3 80% 53 | +4.1 91% 15 | +0.92 83% 97 | +28 97% 23 | +0.62 92% 11 | +0.96 92% 48 | +0.98 88% 35 | \$277 2 | \$428 6 |
| NHZQ319 NHZM586 NHZL1175 | HAZELDEAN Q319 ^{PV} APR | -0.11 43% 25 | +4.1 77% 39 | +9.6 61% 3 | -8.6 97% 6 | +2.7 97% 23 | +55 96% 37 | +106 96% 17 | +144 95% 11 | +140 89% 8 | +17 81% 50 | +3.3 95% 15 | -11.3 57% 1 | +81 91% 18 | +2.5 89% 90 | +2.7 88% 7 | +1.1 89% 27 | -1.0 80% 97 | +5.0 91% 6 | +0.54 82% 81 | +32 96% 15 | +0.80 89% 41 | +1.04 88% 67 | +1.12 84% 77 | \$266 4 | \$480 1 |
| NHZR1561 NORL519 NHZJ115 | HAZELDEAN RONALDO R1561 ^{PV} HBR | -0.07 39% 38 | -6.2 78% 95 | +5.3 68% 31 | -5.8 97% 30 | +6.1 96% 90 | +67 95% 4 | +111 95% 10 | +147 92% 8 | +147 86% 5 | +8 79% 98 | +0.7 93% 92 | -4.5 59% 57 | +74 82% 35 | +4.3 78% 76 | -0.9 79% 71 | -1.6 79% 74 | -0.3 73% 83 | +4.0 80% 16 | +0.49 70% 77 | +14 94% 77 | +0.64 82% 13 | +0.76 82% 10 | +0.98 75% 35 | \$213 45 | \$379 32 |
| Breed Average EBVs | | -0.04 | +2.3 | +3.2 | -4.6 | +3.9 | +52 | +94 | +121 | +103 | +17 | +2.2 | -4.8 | +69 | +6.6 | +0.1 | -0.2 | +0.4 | +2.5 | +0.23 | +21 | +0.84 | +0.96 | +1.02 | +206 | +353 |

Angus Australia - Shear Force Research Breeding Values

Date: December 19, 2024

Page: 6

| 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 |
| DYFN6 NZE14647008839 DYFL18 | INGLEBRAE FARMS NOBLEMAN HBR | +0.11 37% 91 | +9.4 | +10.4 | -6.9 | +2.1 | +56 | +90 | +109 | +102 | +11 | +3.4 | -2.9 | +61 | +10.5 | +0.8 | +1.0 | +0.2 | +2.3 | -0.31 | +24 | +0.84 | +1.10 | +1.18 | \$207 | \$365 |
| VMIC31 USA14739204 VMIU102 | INNESDALE CARBINE C31^{SV} HBR | -0.03 81% 53 | +0.6 | -5.7 | -1.5 | +5.4 | +37 | +63 | +82 | +86 | +19 | +0.6 | -5.1 | +36 | +3.2 | -0.1 | -0.7 | +1.0 | +0.7 | +0.39 | +6 | +0.66 | +0.94 | +1.08 | \$127 | \$233 |
| NZE13300018 WWEL3 NZE13300116373 | KAKAHU PIVOTAL 18004^{PV} HBR | -0.16 42% 13 | +4.9 | +3.2 | -7.3 | +3.8 | +55 | +102 | +120 | +67 | +28 | +3.6 | -7.4 | +83 | +9.7 | +0.9 | +1.4 | +0.4 | +4.4 | +0.67 | +1 | +0.72 | +0.88 | +1.08 | \$297 | \$443 |
| GXNQ209 USA18463791 VLYL1327 | KELLY ANGUS QUINN Q209^{SV} HBR | +0.03 38% 74 | +7.7 | +9.7 | -6.9 | +2.1 | +65 | +117 | +143 | +120 | +27 | +0.6 | -9.6 | +90 | +6.7 | -1.4 | -2.8 | +0.4 | +2.4 | -0.15 | +36 | +1.32 | +1.28 | +1.26 | \$293 | \$491 |
| NDIP481 USA17354145 NDIL236 | KENNY'S CREEK PINNACLE P481 HBR | +0.07 40% 84 | +2.7 | -1.9 | -3.9 | +3.0 | +48 | +89 | +116 | +64 | +20 | +0.2 | -3.4 | +78 | +3.9 | +1.6 | +1.6 | -1.5 | +6.3 | +1.26 | +18 | +0.94 | +0.88 | +0.84 | \$215 | \$326 |
| KILP1 USA18578965 KILM9 | KILLAIN RAINMAN P1^{PV} HBR | -0.09 40% 31 | -4.6 | -6.6 | -6.8 | +4.3 | +58 | +103 | +128 | +121 | +13 | +3.1 | -2.5 | +75 | +13.7 | -2.6 | -1.6 | +2.3 | -1.7 | +0.33 | +5 | +0.98 | +0.98 | +1.08 | \$177 | \$311 |
| BLAP130 SRKK306 BLAK113 | KNOWLA PACKER P130^{PV} HBR | +0.01 40% 67 | +2.6 | +1.6 | -3.0 | +4.6 | +56 | +102 | +134 | +113 | +11 | +1.1 | -6.0 | +78 | +8.2 | -0.1 | -0.9 | +0.8 | +1.9 | +0.16 | +27 | +0.84 | +1.20 | +0.94 | \$237 | \$398 |
| BLAR190 BLAN127 BLAP172 | KNOWLA REVOLUTION R190^{PV} HBR | +0.11 40% 91 | +11.0 | +5.6 | -11.0 | +0.5 | +39 | +78 | +102 | +69 | +26 | +2.7 | -3.4 | +52 | +14.7 | +4.4 | +3.5 | +0.0 | +4.8 | +0.74 | +42 | +0.78 | +1.04 | +1.08 | \$215 | \$343 |
| BLA21S48 USA18837398 BLAL21 | KNOWLA SO RIGHT S48^{PV} HBR | +0.17 42% 97 | +3.3 | -1.5 | -4.7 | +3.6 | +57 | +101 | +129 | +108 | +15 | +3.0 | -5.9 | +80 | +8.7 | +1.3 | +1.6 | -0.2 | +4.1 | +0.23 | +31 | +0.84 | +0.92 | +0.96 | \$245 | \$405 |
| NZCP117 USA17960722 NZCM67 | KO B074 BEAST MODE P117^{PV} HBR | +0.08 38% 86 | +1.9 | +6.1 | -5.2 | +1.9 | +61 | +102 | +127 | +126 | +11 | +2.2 | -5.2 | +63 | +1.9 | +1.1 | -0.2 | -1.0 | +4.3 | +0.56 | +14 | +0.64 | +0.50 | +0.74 | \$211 | \$383 |
| VLYL483 HKFJ5 VLYH221 | LAWSONS LINKEDIN L483^{SV} HBR | -0.05 47% 45 | +3.8 | -6.3 | -1.3 | +4.1 | +58 | +109 | +153 | +141 | +25 | +4.1 | -4.6 | +103 | +9.3 | -1.1 | +2.2 | +0.2 | +2.0 | -0.19 | +20 | +1.02 | +0.78 | +0.88 | \$211 | \$386 |
| VLYQ44 VLYM518 VLYK914 | LAWSONS MIRACULOUS Q44^{PV} HBR | -0.07 40% 38 | +4.7 | -1.9 | -7.5 | +3.5 | +49 | +89 | +108 | +98 | +9 | +3.0 | -3.7 | +42 | +18.6 | -0.2 | +0.2 | +1.9 | +2.0 | +0.30 | +36 | +0.94 | +0.88 | +1.00 | \$228 | \$372 |
| VLYM518 USA17354145 VLYH229 | LAWSONS MOMENTOUS M518 HBR | +0.06 43% 82 | -2.3 | -0.6 | -5.1 | +3.9 | +50 | +92 | +114 | +80 | +22 | +2.7 | -3.6 | +52 | +11.8 | -1.3 | +0.1 | +0.3 | +5.7 | +0.77 | +36 | +0.86 | +0.98 | +1.16 | \$232 | \$352 |
| Breed Average EBVs | | -0.04 | +2.3 | +3.2 | -4.6 | +3.9 | +52 | +94 | +121 | +103 | +17 | +2.2 | -4.8 | +69 | +6.6 | +0.1 | -0.2 | +0.4 | +2.5 | +0.23 | +21 | +0.84 | +0.96 | +1.02 | +206 | +353 |

Angus Australia - Shear Force Research Breeding Values

Date: December 19, 2024

Page: 7

| Ident | Name | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------------|----------------------------------------------------|--------------------|-------------|-------------|-------------|-------------|------------|------------|-------------|-------------|------------|-------------|-------------|------------|-------------|-------------|-------------|-------------|-------------|--------------|------------|--------------|--------------|-----------------|-------------|-------------|
| Sire Dam | Reg. | Shear Force | Calv-Ease | | Birth | | Growth | | | Maternal | | | Fert | | Carcase | | | | | Feed | Temp | Structural | | Selection Index | | |
| | | | Dir | Dtrs | GL | BW | 200 | 400 | 600 | MCW | Milk | SS | DC | CW | EMA | Rib | P8 | RBY | IMF | NFI-F | Doc | Claw | Angle | Leg | \$A | \$A-L |
| VLYP316 USA16295688 VLYM527 | LAWSONS PROPHET P316^{PV} HBR | +0.00 41% 64 | +5.6 | +5.8 | -1.9 | +3.4 | +57 | +88 | +106 | +63 | +17 | +0.3 | -5.2 | +67 | +13.0 | -3.2 | -3.3 | +1.5 | +4.1 | +0.39 | +30 | +0.68 | +0.72 | +0.80 | \$284 | \$412 |
| VLJR4010 USA17354145 VLYP4005 | LAWSONS ROCKY R4010^{PV} HBR | -0.13 41% 19 | +7.2 | +6.7 | -4.7 | +2.5 | +54 | +97 | +126 | +96 | +23 | +2.4 | -4.6 | +75 | +11.3 | +1.9 | +1.6 | +0.1 | +4.6 | +1.30 | +19 | +1.04 | +1.02 | +1.02 | \$254 | \$413 |
| VLJR1217 USA18217198 VLYN976 | LAWSONS ROMULUS R1217^{PV} HBR | +0.08 36% 86 | +3.7 | +7.9 | -5.7 | +3.7 | +64 | +109 | +149 | +118 | +18 | +1.2 | -2.6 | +87 | +10.4 | -3.8 | -3.7 | +1.1 | +4.2 | +0.47 | +13 | +1.16 | +1.12 | +0.92 | \$260 | \$423 |
| NMMD78 USA14237157 NMMY119 | MILLAH MURRAH EQUATOR D78 HBR | +0.08 74% 86 | -0.4 | +6.5 | -9.0 | +5.0 | +62 | +111 | +157 | +181 | +18 | +2.1 | -4.0 | +89 | +1.5 | -2.0 | -3.2 | +0.9 | +0.1 | -1.01 | +22 | +0.82 | +0.94 | +1.08 | \$159 | \$356 |
| NMMH250 NMME78 NMME120 | MILLAH MURRAH HERCULES HBR | -0.21 55% 6 | -1.5 | +3.1 | -2.9 | +6.0 | +42 | +76 | +106 | +93 | +12 | +2.5 | -4.6 | +62 | +3.0 | -1.6 | -0.7 | +0.4 | +2.4 | +0.16 | +20 | +0.92 | +1.14 | +1.08 | \$157 | \$280 |
| NMMK35 NZE469 NMMG41 | MILLAH MURRAH KINGDOM K35 HBR | +0.01 46% 67 | -12.2 | -6.1 | -2.0 | +8.7 | +55 | +99 | +138 | +150 | +11 | +0.8 | -5.3 | +65 | +7.9 | +0.3 | +0.1 | +1.1 | -1.0 | -0.73 | +28 | +0.82 | +1.28 | +1.18 | \$140 | \$280 |
| NMMK42 NGMT30 NMMH4 | MILLAH MURRAH KLOONEY K42 HBR | -0.04 45% 49 | +4.0 | +1.5 | -6.0 | +5.6 | +47 | +86 | +107 | +89 | +22 | +2.1 | -4.7 | +64 | +6.7 | -1.2 | -3.2 | +1.1 | +1.9 | -0.02 | +17 | +0.82 | +0.90 | +1.06 | \$192 | \$324 |
| NMML133 USA17091363 NMMH49 | MILLAH MURRAH LOCH UP L133 HBR | -0.18 40% 10 | +4.9 | +4.3 | -5.5 | +4.8 | +59 | +99 | +131 | +102 | +25 | +2.1 | -2.6 | +80 | +1.6 | -2.2 | -3.9 | -0.7 | +1.8 | -0.12 | +32 | +0.68 | +1.06 | +1.16 | \$168 | \$309 |
| NMMM308 NZE14647008839 NMMH331 | MILLAH MURRAH MILESTONE HBR | +0.13 44% 93 | +6.5 | +4.7 | -7.3 | +4.6 | +43 | +79 | +90 | +74 | +16 | +2.5 | -5.8 | +43 | +5.0 | +2.3 | +4.6 | -0.3 | +2.5 | +0.17 | +20 | +0.84 | +0.98 | +1.22 | \$202 | \$338 |
| NJWH283 NJWF189 NJWE51 | MILWILLAH ELSOM H283^{PV} HBR | -0.04 57% 49 | +1.2 | -5.2 | -2.2 | +3.9 | +46 | +82 | +122 | +109 | +21 | +1.7 | -1.2 | +77 | +9.2 | -2.4 | -2.7 | +1.5 | +1.5 | +0.34 | +20 | +0.76 | +0.84 | +1.04 | \$148 | \$269 |
| NJWE158 NZEE230 VTMX114 | MILWILLAH LAD E158^{SV} HBR | +0.06 79% 82 | -3.1 | -8.5 | -7.7 | +7.9 | +40 | +77 | +104 | +106 | +6 | +2.0 | -5.1 | +42 | +8.9 | -0.9 | -4.8 | +1.4 | +3.3 | +0.27 | +13 | +0.76 | +0.80 | +0.72 | \$157 | \$277 |
| BWFQ33 USA18181757 BWFN9 | MOOGENILLA QUINELLA Q33^{PV} HBR | -0.18 39% 10 | +3.7 | +10.1 | -6.4 | +3.8 | +60 | +116 | +147 | +87 | +26 | +3.0 | -2.7 | +99 | +9.3 | -1.0 | +0.4 | -0.5 | +4.9 | +0.68 | +31 | +0.90 | +0.92 | +0.90 | \$264 | \$416 |
| EGRM39 HIOG18 EGRD9 | MOSQUITO CREEK MAXIMUS HBR | -0.11 42% 25 | +4.3 | +4.0 | -6.2 | +5.0 | +59 | +106 | +138 | +135 | +16 | +1.9 | -7.2 | +74 | +6.9 | +1.0 | +0.5 | +0.3 | +2.3 | +0.03 | +12 | +0.84 | +0.86 | +0.96 | \$242 | \$430 |
| Breed Average EBVs | | -0.04 | +2.3 | +3.2 | -4.6 | +3.9 | +52 | +94 | +121 | +103 | +17 | +2.2 | -4.8 | +69 | +6.6 | +0.1 | -0.2 | +0.4 | +2.5 | +0.23 | +21 | +0.84 | +0.96 | +1.02 | +206 | +353 |

Angus Australia - Shear Force Research Breeding Values

Date: December 19, 2024

Page: 8

| Ident | Name | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------------------------|------------------------------------------|--------------------|-------------------|-------------------|-------------------|-------------------|------------------|-------------------|-------------------|-------------------|------------------|-------------------|-------------------|------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------|------------------|--------------------|--------------------|--------------------|-----------------|-------------|--|
| Sire Dam | Reg. | Shear Force | Calv-Ease | | Birth | | Growth | | | Maternal | | | Fert | | | Carcase | | | | | Feed | Temp | Structural | | Selection Index | | |
| | | | Dir | Dtrs | GL | BW | 200 | 400 | 600 | MCW | Milk | SS | DC | CW | EMA | Rib | P8 | RBY | IMF | NFI-F | Doc | Claw | Angle | Leg | \$A | \$A-L | |
| EGRQ53 USA18463791 EGRG2 | MOSQUITO CREEK QUALITY Q53 HBR | +0.01 38% 67 | +8.7 74% 6 | +9.7 60% 2 | -6.5 93% 21 | +0.4 93% 3 | +59 91% 18 | +105 91% 19 | +132 92% 27 | +101 86% 53 | +28 77% 74 | +1.5 86% 74 | -5.7 50% 29 | +88 89% 9 | +2.5 88% 90 | -0.2 88% 55 | +0.0 89% 46 | -0.1 79% 75 | -0.1 90% 97 | -0.45 81% 4 | +31 85% 15 | +1.10 85% 91 | +1.20 85% 92 | +1.14 80% 82 | \$216 41 | \$382 29 | |
| CSWP036 USA17236055 CSWL123 | MURDEDUKE BLACK PEARL HBR | -0.11 43% 25 | +2.3 79% 56 | +3.3 70% 54 | -8.4 96% 6 | +4.7 96% 68 | +49 95% 63 | +94 95% 50 | +132 94% 26 | +120 91% 24 | +21 85% 21 | +3.2 90% 17 | -7.4 68% 7 | +61 91% 74 | +1.3 90% 95 | +0.5 90% 39 | -1.1 91% 66 | -1.0 82% 97 | +6.3 92% 1 | +0.63 85% 87 | +16 95% 73 | +0.84 93% 49 | +1.18 93% 90 | +1.24 90% 95 | \$215 43 | \$384 28 | |
| CSWK428 VTME343 CSWE175 | MURDEDUKE KICKING K428 PV HBR | -0.21 42% 6 | +7.8 88% 10 | +9.9 77% 2 | -7.6 98% 11 | +1.9 98% 12 | +48 97% 71 | +93 97% 53 | +115 97% 65 | +88 96% 74 | +25 95% 6 | +3.3 97% 15 | -6.3 70% 18 | +66 93% 58 | +2.4 92% 91 | -0.4 90% 60 | -3.0 92% 90 | +0.3 87% 53 | +0.8 93% 86 | -0.07 86% 20 | +42 97% 3 | +0.86 97% 54 | +1.00 97% 58 | +1.18 95% 89 | \$189 71 | \$343 62 | |
| CSWQ011 VLYM518 CSWN026 | MURDEDUKE QUARTERBACK HBR | +0.08 43% 86 | +6.9 89% 15 | +1.0 80% 75 | -9.5 99% 3 | +3.0 99% 29 | +53 99% 43 | +100 99% 31 | +133 99% 25 | +111 97% 37 | +24 94% 10 | +4.1 98% 5 | -6.2 66% 20 | +77 93% 29 | +4.5 91% 74 | +1.5 91% 20 | +2.6 91% 11 | -1.1 86% 98 | +5.3 91% 4 | +0.60 81% 85 | +23 99% 42 | +0.72 99% 25 | +1.12 99% 82 | +1.06 98% 61 | \$231 25 | \$400 17 | |
| NURM208 SMPG357 NURK45 | MURRAY GENESIS M208 PV HBR | -0.10 43% 28 | +1.4 80% 63 | +5.6 70% 28 | -5.9 93% 29 | +4.6 94% 65 | +50 93% 60 | +94 92% 48 | +127 93% 36 | +105 89% 46 | +19 87% 33 | +3.8 86% 8 | -6.5 64% 16 | +82 89% 16 | +16.4 88% 1 | -0.3 86% 57 | -2.5 89% 85 | +2.0 83% 1 | +1.2 90% 99 | +1.39 82% 99 | +7 88% 95 | +0.90 91% 62 | +1.00 90% 58 | +0.68 87% 1 | \$238 19 | \$395 20 | |
| NURM204 USA16956101 NURJ43 | MURRAY PROCEED M204 PV HBR | -0.39 43% 1 | -5.5 81% 94 | +7.8 71% 10 | -4.3 96% 54 | +4.3 96% 59 | +61 95% 13 | +106 95% 18 | +144 94% 10 | +134 90% 11 | +19 85% 36 | +2.3 90% 44 | -3.4 64% 80 | +89 91% 8 | +13.6 90% 3 | -4.7 88% 99 | -5.6 91% 99 | +0.7 86% 29 | +6.9 92% 1 | +0.13 85% 39 | +24 93% 37 | +0.94 91% 69 | +0.74 91% 8 | +0.88 87% 12 | \$237 20 | \$394 21 | |
| SFNL21 NZE10322010609 SFNH65 | NAMPARA LIBERTY L21 SV HBR | +0.02 37% 70 | -4.5 87% 92 | -2.6 73% 93 | -6.5 98% 21 | +8.6 98% 99 | +67 97% 4 | +110 97% 11 | +148 97% 8 | +167 95% 1 | +19 95% 37 | +2.8 96% 27 | -1.3 64% 98 | +78 93% 24 | +7.7 92% 35 | -2.0 90% 89 | -0.8 93% 60 | +1.8 87% 2 | -2.3 93% 99 | -0.62 86% 2 | +24 94% 38 | +0.92 92% 66 | +0.90 92% 33 | +0.98 88% 35 | \$147 94 | \$309 83 | |
| WLG P5 USA18229425 WLG M24 | NARANDA PIMP P5 SV APR | -0.07 37% 38 | +11.4 76% 1 | +10.2 63% 2 | -11.5 97% 1 | +1.6 95% 10 | +53 94% 47 | +99 94% 35 | +128 93% 35 | +95 88% 63 | +20 80% 30 | +1.7 87% 67 | -3.9 54% 71 | +83 89% 15 | +6.8 87% 46 | +1.5 87% 20 | +2.7 88% 10 | -0.4 78% 86 | +3.5 90% 25 | +0.32 82% 61 | +0 90% 99 | +0.68 87% 19 | +0.72 87% 6 | +1.08 82% 67 | \$234 22 | \$394 21 | |
| SKOJ6 VTME343 NZCE115 | NEWLYN PARK EMPEROR J6 PV HBR | -0.02 44% 56 | -7.6 78% 97 | -5.2 70% 97 | -7.1 93% 15 | +7.4 92% 98 | +64 91% 7 | +110 90% 11 | +142 91% 12 | +157 88% 3 | +8 84% 98 | +1.2 85% 83 | -4.2 64% 64 | +79 87% 24 | +8.3 86% 29 | -1.0 86% 73 | -1.0 87% 64 | +1.3 80% 7 | +0.2 88% 94 | -0.72 80% 1 | +15 85% 76 | +1.06 85% 87 | +0.80 85% 14 | +0.78 81% 3 | \$183 77 | \$343 62 | |
| NZE21095018 HIOE7 NZE21095112H49 | NGAPUTAH I P206 PV HBR | -0.21 58% 6 | +9.9 80% 3 | +5.2 72% 32 | -1.3 93% 91 | +0.0 97% 2 | +42 95% 88 | +84 95% 77 | +97 94% 91 | +73 89% 89 | +28 83% 2 | +2.6 94% 33 | -7.9 68% 4 | +54 90% 87 | +5.9 89% 57 | -0.1 88% 53 | -2.2 89% 82 | +1.1 82% 12 | +4.0 90% 16 | +0.18 83% 45 | +18 89% 65 | +0.94 80% 69 | +1.06 81% 71 | +1.10 78% 73 | \$241 16 | \$385 27 | |
| USA16981588 USA16381311 USA16408070 | PA FULL POWER 1208 PV HBR | -0.07 44% 38 | -4.9 95% 93 | -4.3 86% 96 | -4.8 99% 45 | +3.8 98% 47 | +52 98% 51 | +98 98% 37 | +119 98% 55 | +75 98% 88 | +14 98% 76 | +2.0 98% 56 | -2.3 74% 94 | +72 96% 43 | +12.9 95% 4 | -1.6 94% 84 | +0.6 95% 35 | +1.0 92% 15 | +3.0 95% 35 | +0.90 88% 96 | +22 98% 48 | +1.24 98% 98 | +0.92 98% 38 | +0.70 91% 1 | \$224 33 | \$329 72 | |
| SMPG357 VTMB1 SMPD245 | PATHFINDER GENESIS G357 PV HBR | -0.12 44% 22 | +0.1 97% 73 | +4.1 90% 45 | -7.2 99% 14 | +6.6 99% 94 | +61 99% 13 | +109 99% 13 | +148 99% 8 | +135 98% 10 | +26 98% 5 | +4.4 98% 4 | -6.7 85% 13 | +97 97% 3 | +13.9 96% 2 | +0.4 96% 41 | -0.9 96% 62 | +1.4 95% 6 | +0.3 96% 93 | +0.63 90% 87 | +28 99% 23 | +0.86 98% 54 | +1.04 98% 67 | +0.78 96% 3 | \$239 18 | \$419 9 | |
| SMPK22 SMPG357 SMPH756 | PATHFINDER COMPLETE K22 SV HBR | -0.05 42% 45 | +10.4 93% 2 | +8.2 81% 8 | -9.1 99% 4 | +0.9 98% 5 | +41 98% 92 | +74 98% 94 | +96 98% 92 | +45 97% 99 | +27 97% 4 | +2.9 98% 24 | -6.5 75% 16 | +54 95% 88 | +7.0 94% 43 | +3.6 94% 3 | +5.3 94% 1 | +0.2 93% 59 | +2.3 94% 51 | +0.52 88% 79 | +27 97% 27 | +0.52 96% 4 | +0.82 96% 17 | +0.66 94% 1 | \$238 18 | \$360 48 | |
| Breed Average EBVs | | -0.04 | +2.3 | +3.2 | -4.6 | +3.9 | +52 | +94 | +121 | +103 | +17 | +2.2 | -4.8 | +69 | +6.6 | +0.1 | -0.2 | +0.4 | +2.5 | +0.23 | +21 | +0.84 | +0.96 | +1.02 | +206 | +353 | |

Angus Australia - Shear Force Research Breeding Values

Date: December 19, 2024

Page: 9

| Ident | Name | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------------------|-----------------------------------------------------|--------------------|-------------------|-------------------|-------------------|-------------------|------------------|-------------------|-------------------|-------------------|------------------|-------------------|-------------------|-------------------|--------------------|-------------------|-------------------|-------------------|-------------------|--------------------|------------------|--------------------|--------------------|--------------------|-------------|-------------|
| Sire Dam | Reg. | Shear Force | Calv-Ease | | Birth | | Growth | | | Maternal | | | Fert | | Carcase | | | | | Feed | Temp | Structural | | Selection Index | | |
| | | | Dir | Dtrs | GL | BW | 200 | 400 | 600 | MCW | Milk | SS | DC | CW | EMA | Rib | P8 | RBY | IMF | NFI-F | Doc | Claw | Angle | Leg | \$A | \$A-L |
| SMPM651 VTMG67 SMPH66 | PATHFINDER MASTERPIECE HBR | +0.03 46% 74 | +3.9 80% 41 | +5.1 72% 33 | -6.1 92% 26 | +5.1 95% 76 | +56 93% 29 | +104 93% 22 | +129 93% 33 | +136 89% 9 | +20 88% 26 | +3.6 89% 10 | -7.8 63% 5 | +54 88% 88 | +9.7 87% 17 | -1.7 87% 85 | -3.9 87% 95 | +1.6 81% 3 | +1.6 89% 69 | -0.24 81% 10 | +33 83% 12 | +0.98 77% 76 | +1.22 77% 93 | +1.18 74% 89 | \$234 22 | \$424 7 |
| SMPN56 HIOG18 SMPL179 | PATHFINDER NUCLEUS N56^{SV} HBR | -0.12 43% 22 | +4.4 81% 36 | +2.6 70% 61 | -3.4 96% 68 | +5.3 97% 79 | +60 96% 17 | +106 95% 18 | +138 95% 17 | +132 91% 12 | +15 90% 67 | +4.6 94% 3 | -7.2 63% 8 | +7.5 92% 31 | +12.9 90% 4 | +0.9 90% 30 | +1.1 91% 27 | +0.9 83% 19 | +1.7 92% 67 | +0.42 85% 71 | +9 90% 92 | +0.76 86% 32 | +0.78 87% 12 | +0.84 81% 7 | \$256 8 | \$445 3 |
| SMPP516 SMPM558 SMPJ282 | PATHFINDER PHAT CAT P516^{SV} HBR | +0.02 43% 70 | +5.4 77% 27 | +2.6 65% 61 | -7.5 96% 12 | +4.4 96% 61 | +52 95% 48 | +89 95% 64 | +119 95% 55 | +87 90% 74 | +26 85% 4 | +5.4 92% 1 | -9.3 58% 1 | +49 87% 93 | +12.4 85% 5 | -3.2 85% 97 | -2.9 86% 89 | +0.8 78% 23 | +5.9 87% 2 | +0.12 79% 38 | +39 92% 5 | +0.74 90% 29 | +1.08 90% 75 | +0.92 85% 19 | \$285 1 | \$446 3 |
| NZE41-97 NZE53195 NZE63988 | PINEBANK WAIGROUP 41/97[#] HBR | +0.17 83% 97 | +3.8 96% 42 | -3.7 91% 95 | -3.4 98% 68 | +3.6 99% 42 | +37 98% 96 | +64 98% 99 | +76 98% 99 | +50 98% 99 | +18 98% 42 | +0.9 97% 89 | -4.1 89% 66 | +17 97% 99 | +5.2 96% 66 | +1.2 96% 24 | +0.3 96% 40 | +0.9 95% 19 | +1.1 96% 81 | -0.07 90% 20 | +32 93% 13 | +0.32 87% 1 | +0.94 87% 43 | +1.00 81% 41 | \$160 90 | \$248 97 |
| WQCQ47 VLYM518 VLYM1690 | QUANDEN SPRINGS HBR | -0.05 41% 45 | +10.2 77% 2 | +7.7 67% 10 | -9.2 92% 4 | -0.7 92% 1 | +52 91% 50 | +99 90% 35 | +130 91% 30 | +112 86% 35 | +28 80% 2 | +5.1 85% 1 | -5.5 56% 33 | +49 86% 93 | +10.0 85% 15 | +0.3 85% 43 | +1.4 86% 23 | +0.4 78% 46 | +2.4 87% 49 | -0.24 78% 10 | +27 88% 26 | +1.02 84% 82 | +1.02 85% 63 | +1.08 80% 67 | \$227 29 | \$403 16 |
| NORF340 NZE04379 VLYZ1393 | RENNYLEA BLACK GOLD F340^{PV} HBR | -0.16 76% 13 | +5.9 83% 23 | +1.8 75% 68 | -2.9 96% 75 | +1.3 96% 7 | +35 95% 98 | +66 94% 99 | +80 94% 99 | +83 92% 80 | +3 92% 99 | +0.9 91% 89 | -2.7 70% 90 | +21 91% 99 | +2.1 90% 92 | -0.5 90% 62 | +0.1 90% 44 | -0.1 83% 75 | +4.4 91% 11 | -0.06 85% 21 | +15 90% 77 | +0.76 88% 32 | +0.82 88% 17 | +0.70 84% 1 | \$143 96 | \$264 95 |
| NORE11 NGMY145 VLYY5 | RENNYLEA EDMUND E11^{PV} HBR | -0.02 82% 56 | +9.1 99% 5 | +1.3 97% 73 | -6.8 99% 18 | +1.2 99% 7 | +34 99% 99 | +64 99% 99 | +84 99% 98 | +54 99% 98 | +16 99% 58 | +1.8 99% 63 | -8.5 95% 2 | +51 98% 92 | +4.3 98% 76 | +3.5 98% 3 | +1.3 98% 24 | -0.2 98% 79 | +4.1 98% 15 | +0.76 96% 92 | +23 99% 41 | +0.56 99% 6 | +1.02 99% 63 | +1.10 99% 73 | \$206 53 | \$326 74 |
| NORH708 NORC511 NORE176 | RENNYLEA H708^{PV} APR | +0.02 54% 70 | -6.7 93% 96 | +2.1 85% 66 | +1.2 98% 99 | +4.7 98% 68 | +48 98% 70 | +102 98% 26 | +130 98% 31 | +130 97% 13 | +12 97% 84 | +2.4 98% 40 | -3.6 82% 77 | +73 96% 40 | +12.0 95% 6 | -3.8 95% 99 | -6.7 96% 99 | +2.0 93% 1 | +7.1 96% 1 | +0.74 92% 92 | +21 98% 50 | +0.72 98% 25 | +0.68 98% 4 | +0.90 97% 15 | \$224 32 | \$373 37 |
| NORK163 NORH106 NORE176 | RENNYLEA K163^{PV} APR | -0.17 49% 11 | +5.3 90% 28 | -8.1 80% 99 | -3.8 98% 62 | +2.6 98% 22 | +39 98% 94 | +73 97% 95 | +93 97% 94 | +65 96% 92 | +10 96% 92 | +0.8 91% 29 | -5.7 78% 29 | +62 95% 70 | +19.1 94% 1 | -0.2 94% 55 | -1.1 94% 66 | +2.6 91% 44 | +2.6 94% 43 | +0.16 88% 43 | +19 91% 58 | +0.62 90% 11 | +0.72 90% 6 | +1.02 87% 48 | \$240 17 | \$353 54 |
| NORK522 NORE11 NORF810 | RENNYLEA KODAK K522^{SV} HBR | +0.10 55% 90 | +9.0 94% 5 | +9.3 84% 3 | -4.8 99% 45 | +1.4 99% 8 | +45 98% 81 | +83 98% 80 | +109 98% 76 | +111 97% 37 | +11 98% 90 | +4.6 98% 3 | -7.5 75% 6 | +47 95% 95 | +3.7 94% 82 | +3.4 94% 4 | +1.4 94% 23 | -0.4 92% 86 | +4.0 89% 16 | +0.23 96% 51 | +7 96% 95 | +0.62 97% 11 | +0.80 97% 14 | +0.96 95% 29 | \$205 55 | \$382 29 |
| NORL508 USA17366506 NORH414 | RENNYLEA L508^{PV} HBR | -0.14 42% 17 | +1.8 84% 60 | +9.0 78% 4 | -5.9 99% 29 | +2.6 99% 22 | +46 98% 76 | +86 98% 74 | +118 98% 57 | +93 98% 65 | +27 98% 3 | +1.3 98% 80 | -7.8 82% 5 | +55 96% 86 | +5.6 95% 61 | +0.9 95% 30 | -0.5 96% 55 | -0.2 93% 79 | +5.4 95% 4 | +0.68 89% 89 | +16 99% 71 | +0.66 98% 16 | +0.82 98% 17 | +0.88 97% 12 | \$240 17 | \$392 22 |
| NORL683 NORE11 NORJ631 | RENNYLEA L683^{PV} APR | -0.17 58% 11 | +2.6 85% 53 | +2.2 75% 65 | -4.4 98% 52 | +5.0 97% 74 | +55 96% 36 | +95 96% 47 | +118 96% 57 | +104 94% 48 | +5 92% 99 | +2.4 95% 40 | -6.5 71% 16 | +77 91% 28 | +4.8 90% 70 | +0.7 88% 34 | -1.3 91% 69 | +0.8 86% 23 | +2.3 91% 51 | +0.62 85% 86 | +23 95% 42 | +0.72 92% 25 | +0.88 92% 29 | +1.02 89% 48 | \$230 26 | \$385 27 |
| NORP987 NORM763 NORM1184 | RENNYLEA P987^{PV} APR | +0.14 41% 94 | +10.4 75% 2 | +9.2 66% 4 | -8.1 97% 8 | +1.4 97% 8 | +51 96% 56 | +98 96% 37 | +124 96% 43 | +130 93% 14 | +10 86% 94 | +0.4 95% 96 | -3.4 62% 80 | +71 90% 43 | +5.8 89% 58 | +3.7 89% 3 | +2.3 89% 13 | -1.2 82% 99 | +8.2 90% 1 | +0.94 81% 97 | +7 95% 94 | +0.88 92% 58 | +0.98 92% 53 | +1.04 89% 54 | \$226 30 | \$409 13 |
| Breed Average EBVs | | -0.04 | +2.3 | +3.2 | -4.6 | +3.9 | +52 | +94 | +121 | +103 | +17 | +2.2 | -4.8 | +69 | +6.6 | +0.1 | -0.2 | +0.4 | +2.5 | +0.23 | +21 | +0.84 | +0.96 | +1.02 | +206 | +353 |

Angus Australia - Shear Force Research Breeding Values

Date: December 19, 2024

Page: 10

| 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 |
| NORQ1081 NORH708 NORL841 | RENNYLEA Q1081 ^{PV} APR | -0.01 44% 60 | -1.5 | +5.3 | -3.8 | +3.8 | +51 | +92 | +120 | +108 | +12 | +3.6 | -6.2 | +49 | +9.0 | +0.5 | -0.7 | +0.4 | +6.8 | +0.86 | +14 | +0.88 | +0.90 | +0.88 | \$250 | \$406 |
| NORQ213 NORK907 NORL110 | RENNYLEA Q213 ^{PV} APR | -0.04 40% 49 | +9.2 | +8.3 | -7.4 | +1.0 | +65 | +119 | +151 | +102 | +24 | +0.6 | -10.3 | +102 | +8.5 | +0.9 | +0.2 | +0.1 | +3.3 | +0.70 | +28 | +0.48 | +0.68 | +0.84 | \$334 | \$526 |
| NORR992 NORN542 NORM1034 | RENNYLEA R992 ^{PV} APR | -0.08 41% 34 | +4.9 | +7.9 | +1.8 | +1.2 | +44 | +84 | +116 | +85 | +27 | +1.7 | -6.1 | +69 | +11.0 | +2.0 | +2.6 | -0.3 | +6.3 | +1.09 | +25 | +0.56 | +0.80 | +0.82 | \$252 | \$402 |
| TRHP52 TRHL9 TRHH92 | RICHMOND HILL PLAY P52 ^{SV} HBR | -0.34 39% 1 | +4.6 | +2.9 | +0.1 | +4.1 | +53 | +93 | +117 | +126 | +11 | +4.3 | -6.5 | +75 | +11.4 | -5.0 | -2.9 | +1.6 | +3.1 | -0.34 | +33 | +1.06 | +1.04 | +0.98 | \$231 | \$406 |
| NZE14572019 HKFM103 NZE14572117009 | RISSINGTON SOVEREIGN Q485 HBR | -0.01 41% 60 | +12.0 | +9.8 | -7.2 | +0.4 | +62 | +115 | +153 | +125 | +20 | +2.5 | -4.9 | +93 | +7.9 | -1.6 | -4.0 | -0.2 | +6.5 | +0.55 | -4 | +0.90 | +0.94 | +1.06 | \$268 | \$457 |
| USA16396573 USA0035 USA15688516 | S A V CAMARO 9272 ^{SV} HBR | -0.40 70% 1 | +4.5 | +0.1 | -6.8 | +3.6 | +48 | +78 | +97 | +100 | +9 | +1.2 | -5.6 | +41 | +0.5 | -0.4 | -2.1 | +0.9 | +1.5 | +1.08 | +22 | +1.10 | +0.86 | +0.80 | \$174 | \$312 |
| NZE21159019 USA18217198 NZE21159117053 | SEVEN HILLS 312/19 ^{PV} HBR | +0.05 39% 79 | +3.1 | +5.8 | -7.6 | +3.5 | +51 | +94 | +123 | +95 | +21 | -1.0 | -2.0 | +76 | +9.7 | -3.5 | -4.1 | +1.0 | +3.8 | +1.20 | +7 | +1.02 | +0.94 | +1.06 | \$215 | \$347 |
| APBK11 VTMB1 APBF2 | SHACORRAHDALU KINETIC K11 HBR | +0.04 49% 76 | +10.1 | +10.6 | -9.2 | +0.4 | +50 | +89 | +105 | +94 | +9 | +4.7 | -6.9 | +64 | +10.1 | +3.6 | +2.3 | +0.5 | +2.5 | +0.87 | +1 | +0.96 | +1.18 | +1.08 | \$242 | \$412 |
| APB21S24 USA18636106 APBJ23 | SHACORRAHDALU PHOENIX HBR | +0.10 46% 90 | +8.9 | +6.2 | -8.0 | -0.6 | +56 | +102 | +135 | +86 | +24 | +2.9 | -8.7 | +91 | +4.8 | +2.5 | +4.4 | -0.2 | +1.8 | +0.91 | +14 | +0.94 | +1.12 | +1.08 | \$278 | \$446 |
| APBR5 TFAK132 HBUP80 | SHACORRAHDALU ROYALE R5 HBR | -0.12 42% 22 | +8.2 | +8.7 | -6.7 | +2.2 | +48 | +91 | +113 | +66 | +23 | +2.3 | -6.4 | +67 | +6.0 | +4.1 | +5.2 | -0.2 | +1.5 | +1.02 | +11 | +0.86 | +1.06 | +0.76 | \$243 | \$387 |
| SYAN340 SYAL178 SGMK250 | STONEY POINT NOLTE N340 ^{SV} HBR | +0.21 39% 99 | -1.3 | -8.4 | -6.2 | +6.0 | +72 | +128 | +164 | +161 | +16 | +3.5 | -2.7 | +105 | +6.2 | -3.1 | -5.3 | +0.7 | +3.0 | -0.13 | +6 | +0.98 | +0.90 | +1.20 | \$211 | \$387 |
| SYAP147 USA17936442 SWAH233 | STONEY POINT PERRY P147 ^{PV} HBR | +0.12 44% 92 | +4.7 | +1.4 | -4.7 | +4.7 | +56 | +103 | +134 | +111 | +21 | +1.7 | -7.1 | +96 | +10.1 | -1.1 | -0.3 | +0.4 | +3.8 | -0.18 | +7 | +0.84 | +0.76 | +0.64 | \$263 | \$432 |
| NZE19507018 NORL508 NZE19507113J320 | STORTH OAKS FULLY LOADED HBR | -0.12 45% 22 | +8.8 | +7.0 | -11.5 | +1.2 | +46 | +90 | +136 | +136 | +21 | +3.2 | -8.3 | +66 | +3.1 | +0.8 | +0.3 | -0.6 | +4.1 | +0.85 | +31 | +0.50 | +0.76 | +1.06 | \$203 | \$396 |
| Breed Average EBVs | | -0.04 | +2.3 | +3.2 | -4.6 | +3.9 | +52 | +94 | +121 | +103 | +17 | +2.2 | -4.8 | +69 | +6.6 | +0.1 | -0.2 | +0.4 | +2.5 | +0.23 | +21 | +0.84 | +0.96 | +1.02 | +206 | +353 |

Angus Australia - Shear Force Research Breeding Values

Date: December 19, 2024

Page: 11

| 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 | |
| NZE19507013 VTME343 NZE19507111G183 | STORTH OAKS JACK J7 ^{SV} HBR | -0.22 42% 5 | +5.9 | +8.2 | -4.8 | +4.4 | +61 | +113 | +152 | +144 | +17 | +3.5 | -1.8 | +81 | +8.2 | -0.2 | -3.0 | -0.3 | +2.5 | -0.01 | +20 | +0.98 | +0.96 | +0.90 | \$184 | \$369 | |
| VSNG34 VTMB1 VSNE22 | STRATHEWEN BERKLEY G34 ^{PV} HBR | +0.23 48% 99 | +7.9 | +8.2 | -6.4 | +3.6 | +57 | +108 | +142 | +147 | +19 | +2.3 | -7.1 | +83 | +6.0 | +0.9 | +0.0 | +0.2 | +2.1 | -0.07 | +30 | +1.12 | +1.24 | +1.08 | \$227 | \$432 | |
| USA17236055 USA15354674 USA16214508 | SYDGEN BLACK PEARL 2006 ^{PV} HBR | -0.08 37% 34 | +2.5 | +7.6 | -7.0 | +3.2 | +51 | +85 | +123 | +87 | +21 | +1.5 | -3.5 | +74 | +8.2 | +0.3 | -0.6 | +0.4 | +2.9 | +0.27 | +16 | +1.04 | +1.20 | +1.14 | \$211 | \$342 | |
| VTMA149 VTMX60 VTMU338 | TE MANIA ADA A149 ^{PV} HBR | -0.03 58% 53 | -7.0 | -2.1 | -3.1 | +6.6 | +53 | +96 | +128 | +170 | +9 | +1.9 | -1.1 | +82 | +2.8 | -3.1 | -1.7 | +1.3 | -0.4 | -0.66 | +26 | +0.86 | +0.74 | +0.78 | \$90 | \$243 | |
| VTMK52 USA16295688 VTMH423 | TE MANIA KALIBROOK K52 ^{PV} HBR | -0.01 39% 60 | +8.0 | +5.7 | -3.1 | +1.3 | +50 | +102 | +128 | +102 | +30 | +1.7 | -6.4 | +71 | +4.4 | +0.7 | +2.0 | -0.7 | +5.6 | +1.47 | +9 | +1.20 | +1.10 | +1.14 | \$248 | \$417 | |
| VTMK138 USA16295688 VTMH17 | TE MANIA KIRBY K138 ^{PV} HBR | +0.00 37% 64 | +0.2 | +8.0 | -1.2 | +4.7 | +53 | +90 | +119 | +99 | +19 | +2.6 | -9.1 | +64 | +6.1 | +1.5 | +3.1 | -1.9 | +8.7 | +0.88 | +15 | +0.78 | +0.74 | +0.94 | \$268 | \$432 | |
| VTMN424 VTMJ89 VTMJ214 | TE MANIA NEBO N424 ^{PV} HBR | -0.26 40% 3 | +9.5 | -0.1 | -6.6 | +4.1 | +54 | +102 | +134 | +104 | +29 | +4.4 | -5.0 | +58 | +7.1 | -0.9 | -4.2 | +0.4 | +4.0 | -0.16 | +47 | +0.92 | +0.86 | +0.94 | \$219 | \$372 | |
| VTMN1387 VTMK138 VTML452 | TE MANIA NEON N1387 ^{SV} HBR | -0.22 39% 5 | +0.6 | +3.4 | -6.3 | +3.5 | +48 | +86 | +107 | +98 | +19 | +1.3 | -7.9 | +40 | +3.2 | -0.1 | -1.1 | -2.2 | +10. | -0.30 | +26 | +0.74 | +0.80 | +0.98 | \$229 | \$380 | |
| VTMP888 VTMK226 VTMH423 | TE MANIA PESO P888 ^{PV} HBR | -0.20 41% 7 | +7.9 | +6.0 | -5.2 | +2.1 | +57 | +115 | +145 | +120 | +25 | +2.4 | -7.4 | +90 | +5.8 | -0.4 | +1.0 | +0.5 | +1.8 | -0.03 | +23 | +0.84 | +1.12 | +0.96 | \$262 | \$451 | |
| VTMQ854 USA18229488 VTML1244 | TE MANIA QUEBEC Q854 ^{SV} HBR | -0.05 37% 45 | +9.0 | +2.7 | -2.3 | +1.5 | +54 | +93 | +121 | +79 | +26 | +1.2 | -3.5 | +69 | +3.2 | +1.5 | +0.2 | -0.3 | +3.4 | +0.45 | +29 | +0.62 | +0.76 | +0.74 | \$216 | \$346 | |
| VTMR970 VTMP149 VTMP287 | TE MANIA RESOLUTION R970 ^{PV} HBR | -0.08 39% 34 | +2.6 | +5.4 | -4.6 | +3.5 | +58 | +108 | +137 | +103 | +23 | +2.1 | -6.7 | +82 | +10.1 | -0.3 | -0.4 | +0.8 | +3.0 | +0.03 | +27 | +0.74 | +0.88 | +1.18 | \$275 | \$440 | |
| DXTR725 USA18962396 DXTH647 | TEXAS ICEMAN R725 ^{PV} HBR | -0.20 37% 7 | -0.9 | +3.3 | -3.8 | +3.7 | +53 | +98 | +126 | +102 | +13 | +2.2 | -3.2 | +76 | +12.8 | +3.2 | +4.9 | +0.3 | +1.6 | +0.20 | +39 | +1.28 | +0.96 | +0.60 | \$218 | \$361 | |
| DBLL292 USA16295688 VSNF04 | TOPBOS LEADING EDGE L292 ^{PV} HBR | +0.08 40% 86 | +2.3 | +8.3 | -5.8 | +6.6 | +73 | +125 | +164 | +150 | +23 | +1.4 | -4.3 | +84 | +4.6 | -2.2 | -5.0 | +0.1 | +1.5 | +0.04 | +21 | +0.92 | +0.76 | +0.80 | \$226 | \$415 | |
| Breed Average EBVs | | -0.04 | +2.3 | +3.2 | -4.6 | +3.9 | +52 | +94 | +121 | +103 | +17 | +2.2 | -4.8 | +69 | +6.6 | +0.1 | -0.2 | +0.4 | +2.5 | +0.23 | +21 | +0.84 | +0.96 | +1.02 | +206 | +353 | |

Angus Australia - Shear Force Research Breeding Values

Date: December 19, 2024

Page: 12

| 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 |
| NZE17691009 NZE17691003Y167 NZE17691195Q263 | TURIHAU CRUMP E5^{SV} HBR | +0.06 41% 82 | -0.9 93% 79 | -1.4 87% 89 | -5.7 97% 32 | +3.2 98% 33 | +28 98% 99 | +59 98% 99 | +83 97% 98 | +92 97% 68 | +13 97% 78 | +1.1 89% 85 | -9.9 95% 1 | +17 95% 99 | -0.3 95% 98 | +5.2 95% 1 | +3.8 95% 4 | -0.2 94% 79 | +1.4 95% 74 | +0.47 88% 75 | +30 91% 19 | +0.58 84% 8 | +1.20 84% 92 | +1.20 79% 92 | \$138 97 | \$271 94 |
| USA18066037 USA17262835 USA16924432 | V A R LEGEND 5019^{SV} HBR | +0.00 37% 64 | -3.7 81% 90 | +5.5 69% 29 | -6.1 96% 26 | +5.1 96% 76 | +68 94% 3 | +122 94% 2 | +148 94% 7 | +157 90% 2 | +8 88% 97 | +2.8 90% 27 | -3.8 62% 73 | +88 90% 8 | +9.4 88% 19 | -3.9 87% 99 | -5.9 87% 99 | +1.4 80% 6 | +1.9 90% 62 | -0.24 80% 10 | +18 89% 65 | +1.06 97% 87 | +0.64 96% 2 | +0.88 81% 12 | \$215 42 | \$398 19 |
| NZE18954020 NZE21159016327 NZE18954118P105 | WAITANGI R257^{PV} HBR | -0.14 39% 17 | +1.1 69% 66 | +1.3 59% 73 | -6.5 95% 21 | +3.6 96% 42 | +53 94% 45 | +93 93% 51 | +125 91% 41 | +104 86% 48 | +26 78% 5 | +3.3 87% 15 | -8.1 49% 3 | +70 80% 49 | +9.1 79% 22 | -0.1 79% 53 | -0.5 80% 55 | -0.1 73% 75 | +5.6 80% 3 | +1.47 65% 99 | +20 89% 54 | +0.84 76% 49 | +0.70 78% 5 | +0.94 68% 24 | \$254 8 | \$413 11 |
| LEJ21S102 NJWN498 ASHL24 | WALLAWONG SAFE & SOUND HBR | +0.09 37% 88 | +7.2 73% 14 | +2.9 61% 58 | -6.3 92% 24 | +4.5 90% 63 | +49 89% 64 | +86 88% 72 | +111 86% 72 | +94 83% 64 | +18 77% 44 | +2.2 80% 48 | -2.8 46% 89 | +63 76% 67 | +6.7 74% 47 | -1.3 75% 79 | -1.3 75% 69 | +0.5 68% 40 | +4.2 77% 14 | +0.40 63% 69 | +14 84% 77 | +0.58 68% 8 | +0.74 68% 8 | +1.12 65% 77 | \$201 59 | \$338 66 |
| QKBP29 SMPG357 QKBM01 | WARRAWEE PATROL P29^{PV} HBR | +0.04 46% 76 | +7.4 79% 12 | +11.0 71% 1 | -12.1 96% 1 | +2.9 94% 27 | +55 93% 36 | +104 92% 21 | +139 90% 16 | +129 88% 14 | +18 82% 39 | +2.3 87% 44 | -9.7 65% 1 | +100 86% 2 | +9.1 85% 22 | +3.6 85% 3 | +2.0 86% 16 | +0.2 79% 59 | +2.0 87% 59 | +0.72 78% 91 | +30 88% 20 | +0.82 77% 45 | +1.20 78% 92 | +1.00 73% 41 | \$266 4 | \$472 1 |
| NWPG188 USA15462648 NWPE295 | WATTLETOP FRANKLIN G188^{SV} HBR | +0.15 40% 95 | +4.5 96% 35 | +6.8 88% 17 | -4.4 99% 52 | +2.3 99% 17 | +64 98% 8 | +109 98% 13 | +141 98% 14 | +116 98% 30 | +24 98% 8 | +3.7 98% 9 | -3.7 77% 75 | +84 96% 13 | +1.4 95% 95 | -1.4 95% 80 | -2.6 95% 86 | -0.1 93% 75 | +0.4 94% 92 | -1.20 88% 1 | +33 97% 12 | +1.08 96% 89 | +0.98 96% 53 | +0.96 94% 29 | \$191 70 | \$354 53 |
| NWPE111 USA14474596 NWPC36 | WATTLETOP SITZ 458N E111^{SV} HBR | +0.22 79% 99 | +4.6 90% 34 | +6.7 80% 18 | -3.8 97% 62 | +2.8 98% 25 | +51 97% 56 | +91 97% 58 | +125 95% 41 | +99 95% 56 | +25 96% 6 | +2.0 95% 56 | -1.4 74% 98 | +83 93% 15 | +5.6 92% 61 | -4.2 92% 99 | -3.4 93% 92 | +0.9 89% 19 | +2.8 93% 39 | -0.53 85% 2 | +25 95% 35 | +0.96 87% 73 | +0.90 87% 33 | +1.10 83% 73 | \$186 74 | \$322 76 |
| CWDJ17 BNAD145 CWDF14 | WEATHERLY JAMES J17^{SV} HBR | -0.22 49% 5 | -2.9 80% 87 | -4.4 72% 96 | -3.3 93% 70 | +6.0 93% 89 | +50 92% 61 | +84 92% 79 | +110 93% 74 | +119 90% 26 | +3 87% 99 | +1.3 86% 80 | -3.8 67% 73 | +66 90% 60 | +8.7 89% 25 | +1.1 89% 26 | +2.4 90% 12 | +1.0 85% 15 | +3.4 91% 27 | -0.04 84% 23 | +5 88% 97 | +0.86 87% 54 | +1.24 87% 95 | +1.04 81% 54 | \$198 63 | \$335 68 |
| CWDM5 SMPG357 CWDJ15 | WEATHERLY MOXY M5^{SV} HBR | -0.34 43% 1 | +3.0 80% 50 | +6.9 70% 16 | -4.4 93% 52 | +4.0 96% 52 | +55 94% 33 | +100 94% 32 | +133 95% 25 | +112 93% 35 | +28 90% 3 | +2.6 89% 33 | -6.3 61% 18 | +91 86% 6 | +7.3 84% 40 | +2.8 85% 6 | -0.1 85% 48 | +0.3 80% 53 | +2.7 84% 42 | +0.27 72% 55 | +21 92% 51 | +0.98 91% 76 | +1.04 91% 67 | +0.94 82% 24 | \$234 22 | \$400 17 |
| Breed Average EBVs | | -0.04 | +2.3 | +3.2 | -4.6 | +3.9 | +52 | +94 | +121 | +103 | +17 | +2.2 | -4.8 | +69 | +6.6 | +0.1 | -0.2 | +0.4 | +2.5 | +0.23 | +21 | +0.84 | +0.96 | +1.02 | +206 | +353 |

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

www.angusaustralia.com.au



ANGUS
AUSTRALIA