



# PROGENY PERFORMANCE REPORT

## COHORT 10



### **Acknowledgments:**

Angus Australia thanks the following organisations for their support of the Angus Sire Benchmarking Program (ASBP):

#### **Co-Funding Partner**

Meat and Livestock Australia

#### **Industry Partners**

Rangers Valley  
Kerwee Lot Feeders  
John Dee Abattoir  
University of New England (UNE)  
Vetoquinol  
Zoetis Animal Genetics  
Neogen Australasia

#### **Co-operator Cow Herds**

Brad and Marg Gilmour, Boorcan, VIC.  
Rob and Sally Bulle, Ardrossan, Holbrook, NSW.  
Hugh Munro, Glenroy, Gravesend, NSW.  
Roger and GERALYN Flower, Myola, Black Mountain, NSW.  
John O'Brien & Trevor Nash, Stradbroke Pastoral, Yarralee, Coolah, NSW.  
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University of Sydney, Nowley, Spring Ridge, NSW.  
David and Pia Butcher, Woorak, Bundarra, NSW.  
James Stephens, Charles Sturt University, Wagga Wagga, NSW.  
Douglas Lithgow, Swanpool, VIC, 3673  
Bruce and Anna Allworth, Taloooby, Holbrook, NSW, 2644

#### **Bull Owners and Nominators**

Angus Australia thanks the numerous bull owner and nominators that have entered the ASBP. For sire ownership details please refer to the Angus Australia website ([www.angusaustralia.com.au](http://www.angusaustralia.com.au)).

#### **Data Analysis Support**

Animal Genetics and Breeding Unit (AGBU), University of New England, Armidale, NSW.  
Agricultural Business Research Institute (ABRI-BREEDPLAN), Armidale, NSW.



## **Angus Sire Benchmarking Program**

The Angus Sire Benchmarking Program (ASBP) is a major initiative of Angus Australia with support from Meat & Livestock Australia (MLA) and industry partners such as Vetoquinol, Rangers Valley Feedlot and John Dee Abattoir.

The major objectives of the ASBP include:

1. Generate progeny test data on modern Angus bulls, particularly for hard to measure traits such as feed efficiency, abattoir carcass measurement, meat quality attributes & female reproduction.
2. Generate data for the validation & refinement of Trans-Tasman Angus Cattle Evaluation.
3. Build a comprehensive phenotype and genotype database on Australian Angus for genomic technology validation, research and development.

To meet the project objectives Angus Australia aims to join an average of 40 sires a year to approximately 2,000 Angus cows to achieve a minimum of 25 progeny (50:50 steers and heifers) per sire using a fixed time AI program. The Angus cows are located across several commercial co-operator herds located in New South Wales and Victoria.

The Angus sires that enter the ASBP are nominated by Angus Australia members. Before entering the program the sires are assessed for a range of factors such as genetic diversity, genetic condition status, EBVs and selection index values. Once the progeny are born they are comprehensively performance recorded for calving ease, growth, temperament, heifer reproduction, structure, feed efficiency, abattoir carcass and beef quality attributes.

## **ASBP Progeny Performance Report**

The ASBP Progeny Performance report includes two sections to assist with assessment of the genetic merit of the ASBP sires, being:

1. **Trans-Tasman Angus Cattle Evaluation (TACE) Sire Listing** – The first section includes the Angus EBVs and Selection Indexes from the noted monthly analysis.  
*For selection purposes it is strongly advised that the EBVs and selection indexes be used primarily. They are the highest accuracy information to use in selection as they take into account all available industry data including the data generated from the ASBP. They also account for information from all known relatives and genetic correlations between traits as well as being able to be compared across cohorts and the Angus population.*
2. **ASBP Progeny Performance Listing** – The second section includes progeny average values and rankings for a range of traits recorded within the ASBP. This listing provides an indication on how the sire's are performing within the ASBP. *The values listed can only be validly used to compare sires within each cohort of the ASBP.*

Each section includes introductory notes to assist with the interpretation of the information listed.

**Contact** – For further questions on the ASBP contact Christian Duff, Strategic Projects Manager, Angus Australia on phone: (02) 6773 4620, mobile: 0457 457 141 or email: [christian@angusaustralia.com.au](mailto:christian@angusaustralia.com.au)

Further information on the ASBP is listed on the Angus Australia website [www.angusaustralia.com.au](http://www.angusaustralia.com.au)

# READING THE ASBP SIRE LISTING - TACE EBVs and SELECTION INDEXES

Ident	Name	Statistics			Estimated Breeding Values																							
					Calv-Ease		Birth		Growth				Fert		Carcase				Feed Temp		Structural		Selection Index					
					Dir	Dtrs	GL	BW	200	400	600	MCW	Milk	SS	DC	CW	EMA	Rib	P8	RBV	IMF	NFI-F	Doc	Claw	Angle	Leg	\$A	\$A-L
<b>USA17960722</b>	<b>BALDRIDGE BEAST MODE B074</b>				+6.6	+8.2	-3.6	+3.6	+77	+123	+149	+131	+9	+2.8	-4.4	+82	+3.2	-2.5	-4.5	-0.3	+2.6	-0.23	+34	+0.54	+0.54	+0.78	\$277	\$452
USA16295688	HBR	234	5069	1679	95%	82%	99%	99%	99%	99%	99%	97%	96%	98%	65%	94%	92%	92%	92%	88%	91%	77%	98%	98%	98%	97%		
USA17149410					17	5	66	36	1	1	4	9	92	21	44	13	87	89	96	75	32	16	7	4	1	2	2	1

## Animal Details

Ident: Animal ident  
 Name: Animal name  
 Sire: Ident of animal's sire  
 Dam: Ident of animal's dam  
 Reg.: Registration status  
 Num Herd: Number of herds in which the animal has progeny recorded with Angus Australia  
 Prog: Number of progeny recorded with Angus Australia  
 Prog 2Yr: Number of progeny recorded with Angus Australia that are born in the past 2 years

## EBVs & Selection Indexes

Dir	Calving Ease Direct	P8	Rump Fat
Dtrs	Calving Ease Daughters	RBV	Retail Beef Yield
GL	Gestation Length	IMF	Intramuscular Fat
BW	Birth Weight	NFI-F	Net Feed Intake (Feedlot)
200	200 Day Growth	DOC	Docility
400	400 Day Weight	Claw	Claw Set
600	600 Day Weight	Angle	Foot Angle
MCW	Mature Cow Weight	Leg	Leg Angle
Milk	Milk	\$A	Angus Breeding Index
SS	Scrotal Size	\$A-L	Angus Breeding Low Feed Cost Index
DC	Days to Calving		
CW	Carcase Weight		
EMA	Eye Muscle Area		
RIB	Rib Fat		

For each EBV, the EBV is published on the top row, followed by the accuracy of the EBV on the second row, followed by the percentile band in which the EBV ranks on the bottom row. For each selection index, the selection index is published on the top row, with the percentile band in which the selection index ranks on the bottom row. Accuracy values are not published for selection indexes.



# Angus Australia - Sire Benchmarking Program - Cohort 10

## January 2023 TransTasman Angus Cattle Evaluation

Sire Dam	Name	Statistics				Estimated Breeding Values																						
		Reg.	Num Herd	Prog	Prog 2Yr.	Calv-Ease		Birth		Growth				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
<b>NAQN329</b> NAQH318 NAQK30	<b>ARDROSSAN HOLBROOK N329</b> <sup>PV</sup> HBR	8	218	122	-0.3	-2.4	-3.6	+3.1	+50	+93	+118	+89	+23	+2.8	-6.5	+73	+6.5	+2.0	+2.1	-0.9	+4.6	+1.02	+14	+0.82	+1.00	+1.02	\$220	\$357
<b>NAQM101</b> NAQH255 NAQH230	<b>ARDROSSAN MAGISTRATE M101</b> <sup>PV</sup> HBR	8	199	0	+1.9	+2.6	-8.0	+4.9	+51	+95	+127	+99	+17	+1.8	-5.2	+73	+10.1	+0.2	-1.1	+0.9	+1.7	+0.85	+4	+0.60	+0.80	+1.06	\$219	\$365
<b>NBBN47</b> HIOG18 NBBL83	<b>BALD BLAIR NELSON N47</b> <sup>PV</sup> HBR	10	88	6	+5.1	-0.7	-5.4	+4.4	+58	+108	+158	+160	+21	+1.1	-3.8	+89	+5.0	-1.3	-1.7	+0.8	+0.7	-0.32	+32	+1.08	+1.14	+1.14	\$183	\$370
<b>ECMN187</b> NZE14647008839 ECMF113	<b>BANNABY REALITY N187</b> <sup>SV</sup> HBR	6	60	11	+8.3	+7.6	-7.2	+3.7	+48	+75	+91	+78	+10	+4.0	-6.9	+55	+8.4	+2.5	+3.2	+0.1	+3.5	+0.43	+8	+0.86	+1.12	+1.38	\$237	\$389
<b>HCAN20</b> VTMK338 HCAL54	<b>BOONAROO KASBAH N20</b> <sup>SV</sup> HBR	6	112	60	+6.7	+4.2	-6.3	+4.8	+47	+86	+113	+97	+20	+3.0	-5.0	+59	+5.8	+0.3	-1.0	+0.7	+1.6	+0.61	+8	+0.94	+0.96	+1.02	\$193	\$343
<b>NGMN418</b> WWEL3 NGML471	<b>BOOROOMOOKA JACKPOT N418</b> <sup>PV</sup> HBR	9	147	88	+2.4	+4.4	-8.7	+5.8	+62	+112	+142	+128	+14	+3.1	-7.3	+88	+11.2	+0.6	+2.0	+0.8	+1.7	+0.14	+28	+1.34	+1.06	+0.98	\$272	\$459
<b>NGMN213</b> NGML201 NGML45	<b>BOOROOMOOKA NORMANDY N213</b> HBR	5	127	54	+11.5	+8.3	-8.2	+1.3	+40	+73	+101	+82	+20	+2.8	-6.6	+49	+2.7	-2.1	-2.3	+0.2	+3.6	+0.90	+38	+0.82	+0.66	+1.00	\$193	\$340
<b>AMQN9</b> SMPG357 AMQL11	<b>BROOKLANA GENESIS N9</b> <sup>PV</sup> HBR	7	44	0	-0.1	+5.0	-5.1	+7.1	+62	+114	+151	+126	+28	+5.8	-4.7	+100	+21.5	-2.2	-3.3	+2.6	+0.1	+0.73	+9	+1.02	+1.02	+0.78	\$255	\$426
<b>GTNP9</b> HKFJ5 GTNK26	<b>CHILTERN PARK PICASSO P9</b> <sup>PV</sup> HBR	26	293	177	+9.7	+6.8	-3.9	+1.2	+57	+105	+135	+102	+23	+3.5	-7.3	+99	+7.4	-0.8	+1.0	-0.4	+4.6	+0.48	+36	+0.80	+0.70	+0.86	\$274	\$456
<b>QMUM13</b> USA16295688 QMUG1	<b>CLUNES CROSSING DUSTY M13</b> <sup>PV</sup> HBR	81	1479	297	+0.7	+2.5	-7.9	+5.4	+66	+102	+121	+75	+14	+1.0	-8.2	+70	+13.5	-2.3	-3.7	+1.5	+2.0	+0.12	+11	+0.94	+0.86	+1.00	\$306	\$446
<b>NGCN208</b> WWEL3 NGCG037	<b>DULVERTON NEW APPROACH N208</b> HBR	9	204	50	+0.9	+3.7	-6.3	+4.1	+54	+92	+119	+120	+12	+1.4	-5.6	+78	+11.6	-1.9	-1.6	+1.9	+1.2	-0.16	+36	+1.02	+1.12	+1.00	\$223	\$383
<b>QBKG112</b> NAQA241 QBGG72	<b>GLENOCH KALLANGUR K112</b> <sup>PV</sup> HBR	5	137	15	-7.2	-2.5	-4.0	+7.0	+57	+98	+127	+105	+16	+2.0	-6.8	+93	+12.4	+1.1	+3.4	+0.6	+2.2	+0.48	+20	+0.72	+0.78	+0.70	\$237	\$371
<b>EETN1</b> USA17031465 VSNL24	<b>GVA NEWSWORTHY N1</b> <sup>PV</sup> HBR	7	40	10	+9.3	+5.8	-9.9	+1.9	+54	+92	+114	+89	+20	+2.3	-6.7	+74	+6.6	-0.1	-3.3	+0.3	+2.6	+0.21	+23	+1.04	+0.88	+0.94	\$231	\$389
<b>DKKN43</b> NORK522 NKLF143	<b>HARDHAT K522 NEBRASKA F143</b> HBR	7	98	34	+9.6	+8.4	-9.7	+2.0	+62	+109	+144	+136	+16	+5.2	-6.1	+82	+3.3	+0.8	+0.5	-0.4	+0.2	+0.12	+10	+0.76	+0.88	+0.88	\$205	\$406
<b>NHZM586</b> NHZJ140 NHZH356	<b>HAZELDEAN M586</b> <sup>SV</sup> APR	7	293	81	+8.4	+9.2	-8.7	+2.5	+52	+90	+122	+100	+17	+4.3	-8.5	+75	+7.3	+0.4	+0.0	-0.2	+5.6	+0.93	+53	+0.52	+0.96	+1.12	\$269	\$450
<b>Breed Average EBVs</b>					<b>+2.2</b>	<b>+2.7</b>	<b>-4.8</b>	<b>+4.1</b>	<b>+50</b>	<b>+90</b>	<b>+117</b>	<b>+101</b>	<b>+17</b>	<b>+2.1</b>	<b>-4.7</b>	<b>+66</b>	<b>+6.4</b>	<b>-0.1</b>	<b>-0.3</b>	<b>+0.5</b>	<b>+2.2</b>	<b>+0.19</b>	<b>+21</b>	<b>+0.85</b>	<b>+0.98</b>	<b>+1.03</b>	<b>+197</b>	<b>+340</b>



# Angus Australia - Sire Benchmarking Program - Cohort 10

## January 2023 TransTasman Angus Cattle Evaluation

Sire Dam	Name	Statistics			Estimated Breeding Values																							
		Reg.	Num Herd	Prog	Prog 2Yr.	Calv-Ease		Birth		Growth				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
<b>DYFN6</b> NZE14647008839 DYFL18	<b>INGLEBRAE FARMS NOBLEMAN N6</b> HBR	10	135	27	+8.2	+9.9	-7.8	+2.9	+61	+92	+112	+95	+12	+3.6	-3.4	+66	+9.5	+1.3	+1.2	+0.3	+1.8	-0.19	+22	+0.84	+1.10	+1.14	\$230	\$389
<b>WKHN33</b> USA17577916 WKHL10	<b>KOOJAN HILLS PATRIOT N33 SV</b> HBR	6	64	6	+7.4	+7.1	-4.3	+2.9	+53	+96	+123	+117	+17	+2.0	-5.4	+74	+2.1	-0.5	-2.0	+0.3	+2.6	+0.02	+5	+0.80	+1.02	+0.96	\$207	\$381
<b>VLYN131</b> USA16295688 VLYL710	<b>LAWSONS CHARLIE N131 SV</b> HBR	6	155	68	-4.8	-3.1	-4.3	+5.8	+74	+134	+166	+135	+25	+3.5	-5.8	+81	+6.2	-2.0	-2.4	+0.2	+1.2	+0.31	+31	+0.88	+0.76	+0.90	\$243	\$410
<b>VRTP6</b> USA18219911 VRTJ2	<b>MERRIBROOK PROGRESSION OF</b> HBR	6	21	2	+10.5	+7.1	-11.7	+1.0	+57	+102	+122	+101	+20	+0.3	-3.5	+76	+7.0	-0.3	-3.0	+1.1	+0.8	-0.14	+31	+0.92	+0.92	+1.08	\$219	\$378
<b>NMMM308</b> NZE14647008839 NMMH331	<b>MILLAH MURRAH MILESTONE M308</b> HBR	16	316	132	+5.5	+5.7	-7.5	+4.7	+43	+79	+94	+79	+18	+2.5	-5.5	+46	+5.6	+1.9	+3.1	+0.0	+2.6	+0.17	+23	+0.86	+0.98	+1.20	\$203	\$342
<b>CSWP036</b> USA17236055 CSWL123	<b>MURDEDUKE BLACK PEARL P036 PV</b> HBR	6	121	54	+2.3	+1.3	-8.7	+5.4	+48	+91	+129	+115	+19	+3.2	-5.2	+56	+3.0	-0.3	-1.6	-0.7	+5.8	+0.58	+13	+0.88	+1.16	+1.24	\$195	\$349
<b>NURN70</b> NORK522 NURJ53	<b>MURRAY KODAK N70 PV</b> HBR	16	286	226	+3.7	+5.9	-7.3	+4.6	+60	+102	+133	+131	+13	+5.1	-6.7	+80	+10.1	-1.3	-1.8	+0.8	+3.9	-0.38	+27	+0.96	+0.94	+0.92	\$254	\$441
<b>NURP54</b> USA16350631 NURM13	<b>MURRAY TWINHEARTS P54 PV</b> HBR	6	36	6	-0.3	+3.8	-6.7	+7.4	+74	+128	+170	+161	+26	+2.4	-4.7	+108	+8.5	-1.9	-3.8	+0.6	+3.1	+0.25	+17	+0.86	+1.22	+0.90	\$254	\$448
<b>SMPN56</b> HIOG18 SMPL179	<b>PATHFINDER NUCLEUS N56 SV</b> HBR	12	191	58	+4.5	+1.4	-4.0	+5.6	+64	+110	+142	+128	+15	+4.4	-6.8	+82	+13.7	+0.8	+0.9	+0.9	+1.7	+0.33	+22	+0.70	+0.74	+0.76	\$270	\$456
<b>NORL508</b> USA17366506 NORH414	<b>RENNYLEA L508 PV</b> HBR	36	1372	186	+2.6	+9.5	-6.4	+2.6	+46	+86	+116	+91	+27	+1.3	-5.8	+58	+6.1	+1.6	-0.7	-0.4	+5.5	+0.56	+20	+0.74	+0.94	+0.92	\$222	\$368
<b>NORM1078</b> NORH708 NORF563	<b>RENNYLEA M1078 SV</b> APR	7	143	12	-2.3	-1.9	-2.3	+3.1	+41	+83	+106	+96	+16	+1.9	-4.9	+61	+11.1	-1.2	-4.7	+0.7	+8.1	+0.87	+13	+0.96	+1.00	+1.22	\$213	\$340
<b>JCAN4</b> USA16295688 AHWG93	<b>STELLAR NEUTRON N4 PV</b> HBR	6	42	0	+4.7	+3.8	-7.6	+3.4	+62	+108	+134	+87	+29	+1.0	-6.2	+86	+1.1	-2.0	-1.9	-0.3	+1.8	+0.45	+13	+1.10	+0.76	+0.94	\$243	\$392
<b>SYAN340</b> SYAL178 SGMK250	<b>STONE POINT NOLTE N340 SV</b> HBR	8	231	175	-1.0	-5.4	-5.4	+6.9	+76	+137	+171	+166	+21	+4.3	-4.3	+116	+7.4	-4.0	-6.5	+1.0	+2.6	-0.17	+13	+0.92	+0.84	+1.18	\$237	\$428
<b>VTMN424</b> VTMJ89 VTMJ214	<b>TE MANIA NEBO N424 PV</b> HBR	21	740	250	+10.4	-1.8	-7.4	+3.8	+53	+102	+129	+105	+36	+4.6	-3.8	+57	+7.8	-1.4	-4.0	+0.3	+4.7	-0.05	+52	+0.74	+0.74	+1.02	\$210	\$362
<b>VTMN181</b> VTML135 VTML1251	<b>TE MANIA NERO N181 PV</b> HBR	18	456	199	-13.2	-6.2	-2.7	+5.4	+61	+106	+140	+119	+29	+5.2	-6.3	+73	+6.6	-4.4	-5.0	+0.4	+6.1	+0.19	+29	+0.82	+0.94	+1.20	\$208	\$332
<b>Breed Average EBVs</b>					<b>+2.2</b>	<b>+2.7</b>	<b>-4.8</b>	<b>+4.1</b>	<b>+50</b>	<b>+90</b>	<b>+117</b>	<b>+101</b>	<b>+17</b>	<b>+2.1</b>	<b>-4.7</b>	<b>+66</b>	<b>+6.4</b>	<b>-0.1</b>	<b>-0.3</b>	<b>+0.5</b>	<b>+2.2</b>	<b>+0.19</b>	<b>+21</b>	<b>+0.85</b>	<b>+0.98</b>	<b>+1.03</b>	<b>+197</b>	<b>+340</b>



# Angus Australia - Sire Benchmarking Program - Cohort 10

## January 2023 TransTasman Angus Cattle Evaluation

Sire Dam	Name	Statistics			Estimated Breeding Values																							
					Calv-Ease		Birth		Growth				Fert		Carcase				Feed		Temp		Structural			Selection Index		
					Dir	Dtrs	GL	BW	200	400	600	MCW	Milk	SS	DC	CW	EMA	Rib	P8	RBY	IMF	NFI-F	Doc	Claw	Angle	Leg	\$A	\$A-L
<b>DXTM100</b>	<b>TEXAS MT KAPUTAR M100<sup>PV</sup></b>				+8.5	+7.7	-10.9	+4.3	+63	+110	+156	+147	+20	+3.8	-4.7	+92	+5.8	-3.0	-4.1	+0.7	+1.6	+0.04	+29	+0.96	+1.14	+1.00	\$216	\$415
USA15848590 DXTZ183	HBR	9	172	24	78%	66%	97%	96%	94%	94%	93%	87%	81%	91%	58%	87%	86%	86%	86%	80%	87%	77%	89%	85%	85%	81%		
					7	8	1	55	6	7	2	3	25	6	49	3	56	97	97	33	65	31	16	72	84	38	32	7
<b>USA18066037</b>	<b>V A R LEGEND 5019<sup>SV</sup></b>				-2.5	+3.1	-6.7	+5.5	+69	+121	+145	+153	+12	+2.8	-4.7	+86	+10.0	-3.9	-6.0	+1.3	+2.1	-0.34	+21	+1.04	+0.68	+0.88	\$225	\$406
USA17262835 USA16924432	HBR	31	151	33	74%	58%	96%	96%	93%	93%	92%	88%	82%	87%	51%	88%	87%	86%	85%	79%	89%	76%	85%	96%	96%	81%		
					85	50	21	80	2	2	7	2	89	23	49	7	13	99	99	8	50	4	47	84	3	9	23	10
<b>QKBP29</b>	<b>WARRAWEE PATROL P29<sup>PV</sup></b>				+9.9	+11.4	-13.2	+2.7	+57	+108	+145	+129	+22	+2.4	-6.6	+105	+8.5	+3.1	+1.6	-0.1	+1.8	+0.43	+24	+0.80	+1.24	+0.92	\$246	\$448
SMPG357 QKBM01	HBR	14	37	21	70%	58%	93%	89%	86%	85%	84%	81%	71%	79%	55%	80%	80%	81%	81%	75%	82%	71%	77%	77%	77%	73%		
					3	1	1	21	21	9	7	11	15	36	9	1	24	3	17	82	59	80	32	39	94	16	8	2
<b>Breed Average EBVs</b>					<b>+2.2</b>	<b>+2.7</b>	<b>-4.8</b>	<b>+4.1</b>	<b>+50</b>	<b>+90</b>	<b>+117</b>	<b>+101</b>	<b>+17</b>	<b>+2.1</b>	<b>-4.7</b>	<b>+66</b>	<b>+6.4</b>	<b>-0.1</b>	<b>-0.3</b>	<b>+0.5</b>	<b>+2.2</b>	<b>+0.19</b>	<b>+21</b>	<b>+0.85</b>	<b>+0.98</b>	<b>+1.03</b>	<b>+197</b>	<b>+340</b>



## UNDERSTANDING THE ASBP SIRE LISTING - PROGENY PERFORMANCE

This listing provides an indication on how the sires are performing within the ASBP. *The values listed can only be validly used to compare sires within each cohort of the ASBP.*

**For selection purposes it is strongly advised that the EBVs and selection indexes listed in section 1 of the report be used primarily.** They are the highest accuracy information to use in selection as they take into account all available industry data including the data generated from the ASBP. They also account for information from all known relatives and genetic correlations between traits as well as being able to be compared across cohorts and the Angus population.

### Interpreting the ASBP Progeny Performance Listing

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ABBOTT PERFORMER E32	ESTE32	17	467.8	1
ABERDEEN ESTATE EXCITE E21	AHWE21	7	444.1	19
ANVIL ENFORCER E183	HBUE183	14	452.8	7
ARDROSSAN EXACT E162	NAQE162	12	449.5	11
ARDROSSAN FAIRFAX F21	NAQF21	9	437.8	28
AYRVALE BARTEL E7	HIOE7	17	455.0	5
BALMORAH HIGHLINE FC126	DFC126	3	439.7	13

**Number of progeny** = Number of progeny the sire has recorded for the specified trait. This excludes any progeny in single animal contemporary groups.

**Progeny Average** = The average performance of this sire's progeny for the specified trait in the ASBP. The average is calculated using adjusted data (i.e. the standard adjustments for the age of the progeny and age of the dams). It is calculated using a least squares means (LSM) model which takes into account herd and contemporary group.

**Rank** = The ranking position of the sire within the specified cohort. The ranking order will depend on the trait. E.g. 200 Day weight ranked in descending order, while birth weight is ranked in ascending order.

The lists are sorted on sire name for the specified cohort.

The date the progeny performance values were produced is listed in the bottom left hand margin of the report. The reports will be regularly updated as further ASBP data is recorded and analysed.

### Progeny Performance Traits and Interpretation

Separate sections for the following traits are included in the ASBP Progeny Performance listing:

**Birth Weight:** Weight of birth in kilograms recorded on both steer and heifer progeny. Sires are ranked in ascending order with lower values indicating lighter birth weight.

**Gestation Length:** Length of gestation in days recorded on both steer and heifer progeny. Sires are ranked in ascending order with lower values indicating shorter gestation length.





**200 Day Weight:** Weight at 200 days (i.e. weaning weight) in kilograms recorded on both steer and heifer progeny. Sires are ranked in descending order with higher values indicating more weight.

**400 Day Weight:** Weight at 400 days (i.e. yearling weight) in kilograms recorded on both steer and heifer progeny. Sires are ranked in descending order with higher values indicating more weight.

**600 Day Weight:** Weight at 600 days (i.e. 18 month weight) in kilograms recorded on both steer and heifer progeny. Sires are ranked in descending order with higher values indicating more weight.

**Days to Calving:** Length of days from bull introduction (i.e. bull in date) to calving. This is recorded on the heifer progeny for their first joining as yearlings. Sires are ranked in ascending order with lower values indicating shorter days to calving and improved female reproduction.

**Scan Eye Muscle Area (EMA):** Eye muscle area in cm<sup>2</sup> from ultrasound scanning both steer and heifer progeny at a standard 500 days of age. Sires are ranked in descending order with higher values indicating larger eye muscle area.

**Scan Rib Fat:** Rib fat in mm from ultrasound scanning both steer and heifer progeny at a standard 500 days of age. Sires are ranked in descending order with higher values indicating more fat over the ribs.

**Scan Rump Fat:** Rump (i.e. P8) fat in mm from ultrasound scanning both steer and heifer progeny at a standard 500 days of age. Sires are ranked in descending order with higher values indicating more fat over the rump.

**Scan Intramuscular Fat (IMF):** Percentage of Intramuscular fat from ultrasound scanning both steer and heifer progeny at a standard 500 days of age. Sires are ranked in descending order with higher values indicating more intramuscular fat.

**Carcase Weight:** Weight of the hot standard carcass in kilograms at a standard 750 days of age recorded on steer progeny. Sires are ranked in descending order with higher values indicating more carcass weight.

**Carcase Eye Muscle Area (EMA):** Eye muscle area in cm<sup>2</sup> in a standard 400 kg carcass measured on steer progeny. Sires are ranked in descending order with higher values indicating larger eye muscle area.

**Carcase Rump Fat:** Subcutaneous fat measurement in mm at the P8 rump site in a standard 400 kg carcass measured on steer progeny. Sires are ranked in descending order with higher values indicating more rump fat.

**Carcase Rib Fat:** Subcutaneous fat measurement in mm at the 12<sup>th</sup> and 13<sup>th</sup> Rib site in a standard 400 kg carcass measured on steer progeny. Sires are ranked in descending order with higher values indicating more rib fat.

**Carcase Intramuscular Fat (IMF):** Percentage of Intramuscular fat (by near infrared spectrophotometry or NIR at the UNE meat science laboratory) in a standard 400 kg carcass measured on steer progeny. Sires are ranked in descending order with higher values indicating more intramuscular fat.

**Net Feed Intake (NFI):** Feed intake at a standard weight and rate of weight gain recorded on steer progeny at Tullimba Research Feedlot. NFI is expressed as kilograms of feed intake per day. Sires are ranked in ascending order with lower values indicating better feed efficiency through less feed intake for a standard weight and rate of gain.

**Meat Standards Australia (MSA) Marbling Score:** Marbling score recorded by the Meat Standards Australia (MSA) grader in the chiller on steer progeny based on a standard 400 kg carcass. Sires are ranked in descending order with higher values indicating more marbling in the carcass.

**Meat Standards Australia (MSA) Ossification:** Ossification score recorded by the Meat Standards Australia (MSA) grader in the chiller on steer progeny. Sires are ranked in ascending order with lower values indicating younger physiological maturity.

**Meat Standards Australia (MSA) Index:** The MSA Index is an indication of the overall eating quality of beef from the carcass as influenced by a range of factors such as marbling score and ossification. It is generated for steer progeny from the ASBP based on MSA grading data in the chiller. Sires are ranked in ascending order with higher values indicating higher eating quality.

**Shear Force:** Shear Force is a measurement in the kilograms of the force required to pull a mechanical blade through a piece of cooked beef from the striploin sample of the ASBP steer progeny. It is measured through the UNE meat science laboratory. Sires are ranked in ascending order with lower values indicating less shear force and more tender beef.



## Angus Sire Benchmarking Program - Progeny Performance Report

### Cohort: 10 - Birth Weight (kg)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ARDROSSAN HOLBROOK N329	NAQN329	24	34.0	18
ARDROSSAN MAGISTRATE M101	NAQM101	28	35.1	28
BALD BLAIR NELSON N47	NBBN47	27	33.9	16
BANNABY REALITY N187	ECMN187	27	31.8	1
BOONAROO KASBAH N20	HCAN20	29	33.9	16
BOOROOMOOKA JACKPOT N418	NGMN418	18	34.8	24
BOOROOMOOKA NORMANDY N213	NGMN213	20	31.9	4
BROOKLANA GENESIS N9	AMQN9	31	36.1	33
CHILTERN PARK PICASSO P9	GTNP9	17	33.0	10
CLUNES CROSSING DUSTY M13	QMUM13	34	34.7	23
DULVERTON NEW APPROACH N208	NGCN208	22	33.4	14
GLENOCH KALLANGUR K112	QBGK112	30	35.6	32
GVA NEWSWORTHY N1	EETN1	24	32.1	6
HARDHAT K522 NEBRASKA F143 N43	DKKN43	27	32.1	6
HAZELDEAN M586	NHZM586	39	33.3	13
INGLEBRAE FARMS NOBLEMAN N6	DYFN6	18	33.0	10
KOOJAN HILLS PATRIOT N33	WKHN33	31	32.2	8
LAWSONS CHARLIE N131	VLYN131	34	34.1	21
MERRIBROOK PROGRESSION OF KYAH	VRTP6	20	31.8	1
MILLAH MURRAH MILESTONE M308	NMMM308	21	34.0	18
MURDEDUKE BLACK PEARL P036	CSWP036	32	33.5	15
MURRAY KODAK N70	NURN70	28	34.0	18
MURRAY TWINHEARTS P54	NURP54	23	35.3	30
PATHFINDER NUCLEUS N56	SMPN56	32	34.9	25
RENNYLEA L508	NORL508	30	32.0	5
RENNYLEA M1078	NORM1078	38	32.5	9
STELLAR NEUTRON N4	JCAN4	23	33.2	12
STONEY POINT NOLTE N340	SYAN340	24	35.2	29
TE MANIA NEBO N424	VTMN424	24	35.0	26
TE MANIA NERO N181	VTMN181	19	34.2	22
TEXAS MT KAPUTAR M100	DXTM100	21	35.5	31
V A R LEGEND 5019	USA18066037	23	35.0	26
WARRAWEE PATROL P29	QKBP29	16	31.8	1



## Angus Sire Benchmarking Program - Progeny Performance Report

### Cohort: 10 - Gestation Length (days)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ARDROSSAN HOLBROOK N329	NAQN329	23	281.2	27
ARDROSSAN MAGISTRATE M101	NAQM101	23	280.9	25
BALD BLAIR NELSON N47	NBBN47	23	282.1	31
BANNABY REALITY N187	ECMN187	25	279.1	9
BOONAROO KASBAH N20	HCAN20	29	280.0	16
BOOROOMOOKA JACKPOT N418	NGMN418	17	279.2	10
BOOROOMOOKA NORMANDY N213	NGMN213	21	279.5	12
BROOKLANA GENESIS N9	AMQN9	27	281.7	28
CHILTERN PARK PICASSO P9	GTNP9	18	283.1	33
CLUNES CROSSING DUSTY M13	QMUM13	34	279.6	14
DULVERTON NEW APPROACH N208	NGCN208	19	280.5	18
GLENOCH KALLANGUR K112	QBGK112	25	281.7	28
GVA NEWSWORTHY N1	EETN1	24	278.3	4
HARDHAT K522 NEBRASKA F143 N43	DKKN43	25	279.0	8
HAZELDEAN M586	NHZM586	31	279.6	14
INGLEBRAE FARMS NOBLEMAN N6	DYFN6	17	279.4	11
KOOJAN HILLS PATRIOT N33	WKHN33	28	280.5	18
LAWSONS CHARLIE N131	VLYN131	32	280.8	22
MERRIBROOK PROGRESSION OF KYAH	VRTP6	17	276.5	1
MILLAH MURRAH MILESTONE M308	NMMM308	19	278.7	6
MURDEDUKE BLACK PEARL P036	CSWP036	28	278.6	5
MURRAY KODAK N70	NURN70	24	278.8	7
MURRAY TWINHEARTS P54	NURP54	20	280.7	20
PATHFINDER NUCLEUS N56	SMPN56	27	280.7	20
RENNYLEA L508	NORL508	28	279.5	12
RENNYLEA M1078	NORM1078	33	282.0	30
STELLAR NEUTRON N4	JCAN4	19	280.0	16
STONEY POINT NOLTE N340	SYAN340	24	280.8	22
TE MANIA NEBO N424	VTMN424	25	281.0	26
TE MANIA NERO N181	VTMN181	15	283.0	32
TEXAS MT KAPUTAR M100	DXTM100	22	278.2	3
V A R LEGEND 5019	USA18066037	22	280.8	22
WARRAWEE PATROL P29	QKBP29	16	276.7	2



## Angus Sire Benchmarking Program - Progeny Performance Report

### Cohort: 10 - 200 Day Weight (kg)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ARDROSSAN HOLBROOK N329	NAQN329	21	227.7	28
ARDROSSAN MAGISTRATE M101	NAQM101	24	238.9	12
BALD BLAIR NELSON N47	NBBN47	26	241.4	9
BANNABY REALITY N187	ECMN187	27	222.4	32
BOONAROO KASBAH N20	HCAN20	27	227.9	27
BOOROOMOOKA JACKPOT N418	NGMN418	17	240.2	10
BOOROOMOOKA NORMANDY N213	NGMN213	18	222.5	31
BROOKLANA GENESIS N9	AMQN9	29	238.7	13
CHILTERN PARK PICASSO P9	GTNP9	16	243.6	8
CLUNES CROSSING DUSTY M13	QMUM13	35	236.9	15
DULVERTON NEW APPROACH N208	NGCN208	21	230.4	22
GLENOCH KALLANGUR K112	QBGK112	25	237.6	14
GVA NEWSWORTHY N1	EETN1	23	231.4	20
HARDHAT K522 NEBRASKA F143 N43	DKKN43	24	239.3	11
HAZELDEAN M586	NHZM586	34	235.0	16
INGLEBRAE FARMS NOBLEMAN N6	DYFN6	18	245.1	6
KOOJAN HILLS PATRIOT N33	WKHN33	32	233.0	19
LAWSONS CHARLIE N131	VLYN131	29	247.1	4
MERRIBROOK PROGRESSION OF KYAH	VRTP6	16	233.1	18
MILLAH MURRAH MILESTONE M308	NMMM308	20	229.3	25
MURDEDUKE BLACK PEARL P036	CSWP036	27	225.9	30
MURRAY KODAK N70	NURN70	26	234.0	17
MURRAY TWINHEARTS P54	NURP54	23	253.7	1
PATHFINDER NUCLEUS N56	SMPN56	27	247.0	5
RENNYLEA L508	NORL508	27	228.2	26
RENNYLEA M1078	NORM1078	33	221.6	33
STELLAR NEUTRON N4	JCAN4	22	230.2	23
STONEY POINT NOLTE N340	SYAN340	24	245.0	7
TE MANIA NEBO N424	VTMN424	24	230.6	21
TE MANIA NERO N181	VTMN181	19	227.1	29
TEXAS MT KAPUTAR M100	DXTM100	20	248.8	3
V A R LEGEND 5019	USA18066037	20	249.1	2
WARRAWEE PATROL P29	QKBP29	15	229.4	24



## Angus Sire Benchmarking Program - Progeny Performance Report

### Cohort: 10 - 400 Day Weight (kg)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ARDROSSAN HOLBROOK N329	NAQN329	21	378.1	20
ARDROSSAN MAGISTRATE M101	NAQM101	17	394.1	6
BALD BLAIR NELSON N47	NBBN47	19	403.6	3
BANNABY REALITY N187	ECMN187	18	358.9	33
BOONAROO KASBAH N20	HCAN20	26	372.3	27
BOOROOMOOKA JACKPOT N418	NGMN418	13	386.5	12
BOOROOMOOKA NORMANDY N213	NGMN213	15	366.8	31
BROOKLANA GENESIS N9	AMQN9	23	392.6	8
CHILTERN PARK PICASSO P9	GTNP9	10	372.2	28
CLUNES CROSSING DUSTY M13	QMUM13	24	373.3	26
DULVERTON NEW APPROACH N208	NGCN208	16	383.1	14
GLENOCH KALLANGUR K112	QB GK112	24	377.7	21
GVA NEWSWORTHY N1	EETN1	15	370.4	30
HARDHAT K522 NEBRASKA F143 N43	DKKN43	18	389.5	10
HAZELDEAN M586	NH ZM586	22	381.6	17
INGLEBRAE FARMS NOBLEMAN N6	DYFN6	11	382.2	16
KOOJAN HILLS PATRIOT N33	WKHN33	23	378.2	19
LAWSONS CHARLIE N131	VLYN131	19	406.2	2
MERRIBROOK PROGRESSION OF KYAH	VRTP6	10	389.0	11
MILLAH MURRAH MILESTONE M308	NMMM308	9	370.7	29
MURDEDUKE BLACK PEARL P036	CSWP036	24	375.4	24
MURRAY KODAK N70	NURN70	20	382.9	15
MURRAY TWINHEARTS P54	NURP54	17	403.5	4
PATHFINDER NUCLEUS N56	SMPN56	25	389.7	9
RENNYLEA L508	NORL508	22	375.0	25
RENNYLEA M1078	NORM1078	26	363.3	32
STELLAR NEUTRON N4	JCAN4	18	378.8	18
STONEY POINT NOLTE N340	SYAN340	16	408.3	1
TE MANIA NEBO N424	VTMN424	15	376.1	23
TE MANIA NERO N181	VTMN181	13	376.4	22
TEXAS MT KAPUTAR M100	DXTM100	16	393.3	7
V A R LEGEND 5019	USA18066037	13	400.8	5
WARRAWEE PATROL P29	QKBP29	9	385.6	13



## Angus Sire Benchmarking Program - Progeny Performance Report

### Cohort: 10 - 600 Day Weight (kg)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ARDROSSAN HOLBROOK N329	NAQN329	1	425.8	31
ARDROSSAN MAGISTRATE M101	NAQM101	7	437.8	27
BALD BLAIR NELSON N47	NBBN47	6	464.3	13
BANNABY REALITY N187	ECMN187	8	418.6	32
BOONAROO KASBAH N20	HCAN20	3	436.7	28
BOOROOMOOKA JACKPOT N418	NGMN418	4	470.1	9
BOOROOMOOKA NORMANDY N213	NGMN213	3	399.3	33
BROOKLANA GENESIS N9	AMQN9	6	482.5	5
CHILTERN PARK PICASSO P9	GTNP9	4	497.9	2
CLUNES CROSSING DUSTY M13	QMUM13	9	471.5	7
DULVERTON NEW APPROACH N208	NGCN208	4	453.0	19
GLENOCH KALLANGUR K112	QBGK112	3	440.2	25
GVA NEWSWORTHY N1	EETN1	8	444.7	24
HARDHAT K522 NEBRASKA F143 N43	DKKN43	5	462.2	14
HAZELDEAN M586	NHZM586	11	450.6	21
INGLEBRAE FARMS NOBLEMAN N6	DYFN6	6	453.9	18
KOOJAN HILLS PATRIOT N33	WKHN33	6	464.6	12
LAWSONS CHARLIE N131	VLYN131	9	485.3	4
MERRIBROOK PROGRESSION OF KYAH	VRTP6	6	454.8	16
MILLAH MURRAH MILESTONE M308	NMMM308	11	466.6	10
MURDEDUKE BLACK PEARL P036	CSWP036	4	456.5	15
MURRAY KODAK N70	NURN70	6	470.9	8
MURRAY TWINHEARTS P54	NURP54	5	452.4	20
PATHFINDER NUCLEUS N56	SMPN56	4	518.8	1
RENNYLEA L508	NORL508	5	454.1	17
RENNYLEA M1078	NORM1078	6	445.8	23
STELLAR NEUTRON N4	JCAN4	4	439.5	26
STONEY POINT NOLTE N340	SYAN340	5	477.4	6
TE MANIA NEBO N424	VTMN424	8	446.6	22
TE MANIA NERO N181	VTMN181	5	465.3	11
TEXAS MT KAPUTAR M100	DXTM100	1	427.3	29
V A R LEGEND 5019	USA18066037	8	426.6	30
WARRAWEE PATROL P29	QKBP29	3	490.6	3



## Angus Sire Benchmarking Program - Progeny Performance Report

### Cohort: 10 - Scan EMA (sq cm)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ARDROSSAN HOLBROOK N329	NAQN329	21	65.3	19
ARDROSSAN MAGISTRATE M101	NAQM101	24	66.8	5
BALD BLAIR NELSON N47	NBBN47	24	66.2	11
BANNABY REALITY N187	ECMN187	25	63.8	31
BOONAROO KASBAH N20	HCAN20	29	65.0	21
BOOROOMOOKA JACKPOT N418	NGMN418	15	66.7	6
BOOROOMOOKA NORMANDY N213	NGMN213	15	63.9	28
BROOKLANA GENESIS N9	AMQN9	30	67.7	1
CHILTERN PARK PICASSO P9	GTNP9	15	66.9	4
CLUNES CROSSING DUSTY M13	QMUM13	32	66.0	13
DULVERTON NEW APPROACH N208	NGCN208	20	65.7	14
GLENOCH KALLANGUR K112	QBGK112	25	65.5	15
GVA NEWSWORTHY N1	EETN1	21	64.3	26
HARDHAT K522 NEBRASKA F143 N43	DKKN43	23	63.9	28
HAZELDEAN M586	NHZM586	34	64.9	22
INGLEBRAE FARMS NOBLEMAN N6	DYFN6	17	65.5	15
KOOJAN HILLS PATRIOT N33	WKHN33	27	64.2	27
LAWSONS CHARLIE N131	VLYN131	28	67.6	2
MERRIBROOK PROGRESSION OF KYAH	VRTP6	16	64.5	25
MILLAH MURRAH MILESTONE M308	NMMM308	19	66.5	8
MURDEDUKE BLACK PEARL P036	CSWP036	28	63.9	28
MURRAY KODAK N70	NURN70	26	66.5	8
MURRAY TWINHEARTS P54	NURP54	21	66.6	7
PATHFINDER NUCLEUS N56	SMPN56	29	67.0	3
RENNYLEA L508	NORL508	26	65.1	20
RENNYLEA M1078	NORM1078	31	65.5	15
STELLAR NEUTRON N4	JCAN4	22	62.5	33
STONEY POINT NOLTE N340	SYAN340	21	66.1	12
TE MANIA NEBO N424	VTMN424	22	64.8	23
TE MANIA NERO N181	VTMN181	17	65.4	18
TEXAS MT KAPUTAR M100	DXTM100	18	63.7	32
V A R LEGEND 5019	USA18066037	21	66.5	8
WARRAWEE PATROL P29	QKBP29	14	64.8	23



## Angus Sire Benchmarking Program - Progeny Performance Report

### Cohort: 10 - Scan Rib Fat (mm)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ARDROSSAN HOLBROOK N329	NAQN329	21	6.0	10
ARDROSSAN MAGISTRATE M101	NAQM101	24	5.9	14
BALD BLAIR NELSON N47	NBBN47	24	5.3	31
BANNABY REALITY N187	ECMN187	24	6.0	10
BOONAROO KASBAH N20	HCAN20	29	5.7	19
BOOROOMOOKA JACKPOT N418	NGMN418	15	6.1	8
BOOROOMOOKA NORMANDY N213	NGMN213	16	4.8	33
BROOKLANA GENESIS N9	AMQN9	30	5.5	24
CHILTERN PARK PICASSO P9	GTNP9	15	5.9	14
CLUNES CROSSING DUSTY M13	QMUM13	32	6.0	10
DULVERTON NEW APPROACH N208	NGCN208	20	5.4	26
GLENOCH KALLANGUR K112	QBGK112	25	6.0	10
GVA NEWSWORTHY N1	EETN1	21	5.8	18
HARDHAT K522 NEBRASKA F143 N43	DKKN43	22	6.5	2
HAZELDEAN M586	NHZM586	34	6.3	6
INGLEBRAE FARMS NOBLEMAN N6	DYFN6	16	6.4	4
KOOJAN HILLS PATRIOT N33	WKHN33	27	5.4	26
LAWSONS CHARLIE N131	VLYN131	28	5.9	14
MERRIBROOK PROGRESSION OF KYAH	VRTP6	16	6.5	2
MILLAH MURRAH MILESTONE M308	NMMM308	18	5.9	14
MURDEDUKE BLACK PEARL P036	CSWP036	29	5.7	19
MURRAY KODAK N70	NURN70	26	6.1	8
MURRAY TWINHEARTS P54	NURP54	22	5.7	19
PATHFINDER NUCLEUS N56	SMPN56	29	6.3	6
RENNYLEA L508	NORL508	26	6.4	4
RENNYLEA M1078	NORM1078	32	5.6	22
STELLAR NEUTRON N4	JCAN4	22	5.6	22
STONEY POINT NOLTE N340	SYAN340	21	5.5	24
TE MANIA NEBO N424	VTMN424	23	5.4	26
TE MANIA NERO N181	VTMN181	17	5.4	26
TEXAS MT KAPUTAR M100	DXTM100	18	5.2	32
V A R LEGEND 5019	USA18066037	20	5.4	26
WARRAWEE PATROL P29	QKBP29	14	7.0	1





## Angus Sire Benchmarking Program - Progeny Performance Report

### Cohort: 10 - Scan Rump Fat (mm)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ARDROSSAN HOLBROOK N329	NAQN329	21	7.9	6
ARDROSSAN MAGISTRATE M101	NAQM101	24	7.7	10
BALD BLAIR NELSON N47	NBBN47	24	6.3	30
BANNABY REALITY N187	ECMN187	24	7.6	12
BOONAROO KASBAH N20	HCAN20	29	6.8	23
BOOROOMOOKA JACKPOT N418	NGMN418	15	8.1	3
BOOROOMOOKA NORMANDY N213	NGMN213	16	6.0	33
BROOKLANA GENESIS N9	AMQN9	30	6.3	30
CHILTERN PARK PICASSO P9	GTNP9	14	7.6	12
CLUNES CROSSING DUSTY M13	QMUM13	32	7.1	22
DULVERTON NEW APPROACH N208	NGCN208	20	6.8	23
GLENOCH KALLANGUR K112	QBGK112	24	7.8	7
GVA NEWSWORTHY N1	EETN1	21	7.2	20
HARDHAT K522 NEBRASKA F143 N43	DKKN43	21	7.6	12
HAZELDEAN M586	NHZM586	34	7.4	17
INGLEBRAE FARMS NOBLEMAN N6	DYFN6	14	8.0	5
KOOJAN HILLS PATRIOT N33	WKHN33	27	6.8	23
LAWSONS CHARLIE N131	VLYN131	28	7.6	12
MERRIBROOK PROGRESSION OF KYAH	VRTP6	16	7.6	12
MILLAH MURRAH MILESTONE M308	NMMM308	18	8.4	2
MURDEDUKE BLACK PEARL P036	CSWP036	28	7.7	10
MURRAY KODAK N70	NURN70	26	7.8	7
MURRAY TWINHEARTS P54	NURP54	22	7.4	17
PATHFINDER NUCLEUS N56	SMPN56	29	8.1	3
RENNYLEA L508	NORL508	26	7.8	7
RENNYLEA M1078	NORM1078	32	7.2	20
STELLAR NEUTRON N4	JCAN4	22	7.3	19
STONEY POINT NOLTE N340	SYAN340	20	6.5	28
TE MANIA NEBO N424	VTMN424	23	6.5	28
TE MANIA NERO N181	VTMN181	17	6.6	27
TEXAS MT KAPUTAR M100	DXTM100	18	6.8	23
V A R LEGEND 5019	USA18066037	18	6.3	30
WARRAWEE PATROL P29	QKBP29	14	8.7	1



## Angus Sire Benchmarking Program - Progeny Performance Report

### Cohort: 10 - Scan IMF (%)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ARDROSSAN HOLBROOK N329	NAQN329	21	7.0	1
ARDROSSAN MAGISTRATE M101	NAQM101	24	6.6	9
BALD BLAIR NELSON N47	NBBN47	24	6.2	27
BANNABY REALITY N187	ECMN187	25	6.5	13
BOONAROO KASBAH N20	HCAN20	29	5.9	30
BOOROOMOOKA JACKPOT N418	NGMN418	15	6.1	29
BOOROOMOOKA NORMANDY N213	NGMN213	16	5.7	33
BROOKLANA GENESIS N9	AMQN9	30	6.5	13
CHILTERN PARK PICASSO P9	GTNP9	15	6.5	13
CLUNES CROSSING DUSTY M13	QMUM13	32	6.3	24
DULVERTON NEW APPROACH N208	NGCN208	20	6.7	5
GLENOCH KALLANGUR K112	QBGK112	25	6.6	9
GVA NEWSWORTHY N1	EETN1	22	6.6	9
HARDHAT K522 NEBRASKA F143 N43	DKKN43	23	6.3	24
HAZELDEAN M586	NHZM586	34	6.4	19
INGLEBRAE FARMS NOBLEMAN N6	DYFN6	17	6.7	5
KOOJAN HILLS PATRIOT N33	WKHN33	26	6.2	27
LAWSONS CHARLIE N131	VLYN131	28	6.4	19
MERRIBROOK PROGRESSION OF KYAH	VRTP6	16	6.4	19
MILLAH MURRAH MILESTONE M308	NMMM308	19	6.5	13
MURDEDUKE BLACK PEARL P036	CSWP036	29	6.6	9
MURRAY KODAK N70	NURN70	26	6.8	3
MURRAY TWINHEARTS P54	NURP54	22	6.7	5
PATHFINDER NUCLEUS N56	SMPN56	29	7.0	1
RENNYLEA L508	NORL508	26	6.8	3
RENNYLEA M1078	NORM1078	32	6.5	13
STELLAR NEUTRON N4	JCAN4	22	6.3	24
STONEY POINT NOLTE N340	SYAN340	21	6.4	19
TE MANIA NEBO N424	VTMN424	23	6.4	19
TE MANIA NERO N181	VTMN181	17	6.5	13
TEXAS MT KAPUTAR M100	DXTM100	18	5.8	32
V A R LEGEND 5019	USA18066037	21	5.9	30
WARRAWEE PATROL P29	QKBP29	14	6.7	5



## Angus Sire Benchmarking Program - Progeny Performance Report

### Cohort: 10 - Carcase Weight (kg)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ARDROSSAN HOLBROOK N329	NAQN329	14	437.0	26
ARDROSSAN MAGISTRATE M101	NAQM101	10	443.4	22
BALD BLAIR NELSON N47	NBBN47	10	464.4	5
BANNABY REALITY N187	ECMN187	10	447.1	18
BOONAROO KASBAH N20	HCAN20	18	444.6	21
BOOROOMOOKA JACKPOT N418	NGMN418	5	448.3	16
BOOROOMOOKA NORMANDY N213	NGMN213	8	429.7	31
BROOKLANA GENESIS N9	AMQN9	15	463.9	6
CHILTERN PARK PICASSO P9	GTNP9	5	467.4	4
CLUNES CROSSING DUSTY M13	QMUM13	14	432.0	29
DULVERTON NEW APPROACH N208	NGCN208	11	455.0	9
GLENOCH KALLANGUR K112	QB GK112	15	460.4	7
GVA NEWSWORTHY N1	EETN1	10	448.0	17
HARDHAT K522 NEBRASKA F143 N43	DKKN43	12	450.7	13
HAZELDEAN M586	NH ZM586	17	437.6	25
INGLEBRAE FARMS NOBLEMAN N6	DYFN6	8	448.4	15
KOOJAN HILLS PATRIOT N33	WKHN33	10	445.3	20
LAWSONS CHARLIE N131	VLYN131	7	435.5	27
MERRIBROOK PROGRESSION OF KYAH	VRTP6	7	449.3	14
MILLAH MURRAH MILESTONE M308	NMMM308	6	440.2	24
MURDEDUKE BLACK PEARL P036	CSWP036	13	427.1	32
MURRAY KODAK N70	NURN70	13	447.0	19
MURRAY TWINHEARTS P54	NURP54	7	474.7	2
PATHFINDER NUCLEUS N56	SMPN56	19	453.2	11
RENNYLEA L508	NORL508	15	430.5	30
RENNYLEA M1078	NORM1078	19	432.9	28
STELLAR NEUTRON N4	JCAN4	8	451.6	12
STONEY POINT NOLTE N340	SYAN340	7	477.5	1
TE MANIA NEBO N424	VTMN424	8	407.1	33
TE MANIA NERO N181	VTMN181	7	440.3	23
TEXAS MT KAPUTAR M100	DXTM100	9	455.7	8
V A R LEGEND 5019	USA18066037	9	474.4	3
WARRAWEE PATROL P29	QKBP29	4	454.7	10



## Angus Sire Benchmarking Program - Progeny Performance Report

### Cohort: 10 - Carcase EMA (sq cm)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ARDROSSAN HOLBROOK N329	NAQN329	14	81.9	29
ARDROSSAN MAGISTRATE M101	NAQM101	10	84.5	14
BALD BLAIR NELSON N47	NBBN47	10	81.6	30
BANNABY REALITY N187	ECMN187	10	82.5	25
BOONAROO KASBAH N20	HCAN20	18	83.0	22
BOOROOMOOKA JACKPOT N418	NGMN418	5	85.5	10
BOOROOMOOKA NORMANDY N213	NGMN213	8	78.6	33
BROOKLANA GENESIS N9	AMQN9	14	94.7	1
CHILTERN PARK PICASSO P9	GTNP9	5	88.1	4
CLUNES CROSSING DUSTY M13	QMUM13	14	86.6	6
DULVERTON NEW APPROACH N208	NGCN208	11	86.6	6
GLENOCH KALLANGUR K112	QBGK112	15	86.7	5
GVA NEWSWORTHY N1	EETN1	10	85.4	11
HARDHAT K522 NEBRASKA F143 N43	DKKN43	12	83.1	21
HAZELDEAN M586	NHZM586	17	86.6	6
INGLEBRAE FARMS NOBLEMAN N6	DYFN6	8	85.2	12
KOOJAN HILLS PATRIOT N33	WKHN33	10	81.3	31
LAWSONS CHARLIE N131	VLYN131	7	82.7	24
MERRIBROOK PROGRESSION OF KYAH	VRTP6	7	83.5	20
MILLAH MURRAH MILESTONE M308	NMMM308	6	82.1	28
MURDEDUKE BLACK PEARL P036	CSWP036	13	80.6	32
MURRAY KODAK N70	NURN70	13	84.5	14
MURRAY TWINHEARTS P54	NURP54	7	84.0	19
PATHFINDER NUCLEUS N56	SMPN56	19	88.9	3
RENNYLEA L508	NORL508	15	84.2	18
RENNYLEA M1078	NORM1078	19	85.7	9
STELLAR NEUTRON N4	JCAN4	8	83.0	22
STONEY POINT NOLTE N340	SYAN340	7	84.3	16
TE MANIA NEBO N424	VTMN424	8	82.3	26
TE MANIA NERO N181	VTMN181	7	84.7	13
TEXAS MT KAPUTAR M100	DXTM100	9	84.3	16
V A R LEGEND 5019	USA18066037	9	90.2	2
WARRAWEE PATROL P29	QKBP29	4	82.3	26



## Angus Sire Benchmarking Program - Progeny Performance Report

### Cohort: 10 - Carcase Rump Fat (mm)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ARDROSSAN HOLBROOK N329	NAQN329	14	20.8	11
ARDROSSAN MAGISTRATE M101	NAQM101	10	19.6	19
BALD BLAIR NELSON N47	NBBN47	10	19.4	21
BANNABY REALITY N187	ECMN187	10	22.6	4
BOONAROO KASBAH N20	HCAN20	18	19.6	19
BOOROOMOOKA JACKPOT N418	NGMN418	5	26.2	1
BOOROOMOOKA NORMANDY N213	NGMN213	8	19.7	18
BROOKLANA GENESIS N9	AMQN9	15	18.9	25
CHILTERN PARK PICASSO P9	GTNP9	5	23.9	2
CLUNES CROSSING DUSTY M13	QMUM13	14	20.0	15
DULVERTON NEW APPROACH N208	NGCN208	11	22.1	7
GLENOCH KALLANGUR K112	QBGK112	15	22.3	6
GVA NEWSWORTHY N1	EETN1	10	19.2	22
HARDHAT K522 NEBRASKA F143 N43	DKKN43	12	21.3	10
HAZELDEAN M586	NHZM586	17	21.6	9
INGLEBRAE FARMS NOBLEMAN N6	DYFN6	8	22.4	5
KOOJAN HILLS PATRIOT N33	WKHN33	10	20.4	13
LAWSONS CHARLIE N131	VLYN131	7	17.4	28
MERRIBROOK PROGRESSION OF KYAH	VRTP6	7	15.7	33
MILLAH MURRAH MILESTONE M308	NMMM308	6	17.6	27
MURDEDUKE BLACK PEARL P036	CSWP036	13	18.0	26
MURRAY KODAK N70	NURN70	13	19.0	24
MURRAY TWINHEARTS P54	NURP54	7	17.0	29
PATHFINDER NUCLEUS N56	SMPN56	19	19.8	16
RENNYLEA L508	NORL508	15	19.1	23
RENNYLEA M1078	NORM1078	19	17.0	29
STELLAR NEUTRON N4	JCAN4	8	19.8	16
STONEY POINT NOLTE N340	SYAN340	7	16.0	32
TE MANIA NEBO N424	VTMN424	8	16.1	31
TE MANIA NERO N181	VTMN181	7	20.3	14
TEXAS MT KAPUTAR M100	DXTM100	8	21.7	8
V A R LEGEND 5019	USA18066037	8	20.6	12
WARRAWEE PATROL P29	QKBP29	4	23.0	3



## Angus Sire Benchmarking Program - Progeny Performance Report

### Cohort: 10 - Carcase Rib Fat (mm)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ARDROSSAN HOLBROOK N329	NAQN329	14	14.6	17
ARDROSSAN MAGISTRATE M101	NAQM101	10	16.2	5
BALD BLAIR NELSON N47	NBBN47	10	14.8	12
BANNABY REALITY N187	ECMN187	10	15.8	7
BOONAROO KASBAH N20	HCAN20	18	15.6	8
BOOROOMOOKA JACKPOT N418	NGMN418	5	16.8	3
BOOROOMOOKA NORMANDY N213	NGMN213	8	14.0	21
BROOKLANA GENESIS N9	AMQN9	15	13.6	22
CHILTERN PARK PICASSO P9	GTNP9	5	12.6	30
CLUNES CROSSING DUSTY M13	QMUM13	14	14.7	14
DULVERTON NEW APPROACH N208	NGCN208	11	14.5	20
GLENOCH KALLANGUR K112	QBGK112	15	14.8	12
GVA NEWSWORTHY N1	EETN1	10	16.8	3
HARDHAT K522 NEBRASKA F143 N43	DKKN43	12	14.9	10
HAZELDEAN M586	NHZM586	17	14.7	14
INGLEBRAE FARMS NOBLEMAN N6	DYFN6	8	14.6	17
KOOJAN HILLS PATRIOT N33	WKHN33	10	14.7	14
LAWSONS CHARLIE N131	VLYN131	7	12.7	28
MERRIBROOK PROGRESSION OF KYAH	VRTP6	7	12.9	26
MILLAH MURRAH MILESTONE M308	NMMM308	6	11.8	31
MURDEDUKE BLACK PEARL P036	CSWP036	13	12.9	26
MURRAY KODAK N70	NURN70	13	13.2	24
MURRAY TWINHEARTS P54	NURP54	7	13.1	25
PATHFINDER NUCLEUS N56	SMPN56	19	14.6	17
RENNYLEA L508	NORL508	14	17.3	1
RENNYLEA M1078	NORM1078	19	14.9	10
STELLAR NEUTRON N4	JCAN4	8	11.6	33
STONEY POINT NOLTE N340	SYAN340	7	13.6	22
TE MANIA NEBO N424	VTMN424	8	15.2	9
TE MANIA NERO N181	VTMN181	7	11.7	32
TEXAS MT KAPUTAR M100	DXTM100	8	16.0	6
V A R LEGEND 5019	USA18066037	8	12.7	28
WARRAWEE PATROL P29	QKBP29	4	17.2	2



## Angus Sire Benchmarking Program - Progeny Performance Report

### Cohort: 10 - Carcase IMF (%)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ARDROSSAN HOLBROOK N329	NAQN329	14	11.3	9
ARDROSSAN MAGISTRATE M101	NAQM101	10	9.0	26
BALD BLAIR NELSON N47	NBBN47	10	8.2	32
BANNABY REALITY N187	ECMN187	10	11.0	12
BOONAROO KASBAH N20	HCAN20	18	10.1	17
BOOROOMOOKA JACKPOT N418	NGMN418	5	9.0	26
BOOROOMOOKA NORMANDY N213	NGMN213	8	11.2	10
BROOKLANA GENESIS N9	AMQN9	15	8.4	31
CHILTERN PARK PICASSO P9	GTNP9	5	12.4	2
CLUNES CROSSING DUSTY M13	QMUM13	14	11.2	10
DULVERTON NEW APPROACH N208	NGCN208	11	9.2	25
GLENOCH KALLANGUR K112	QBGK112	14	9.4	22
GVA NEWSWORTHY N1	EETN1	10	10.7	14
HARDHAT K522 NEBRASKA F143 N43	DKKN43	12	8.5	30
HAZELDEAN M586	NHZM586	17	12.4	2
INGLEBRAE FARMS NOBLEMAN N6	DYFN6	8	8.7	29
KOOJAN HILLS PATRIOT N33	WKHN33	10	10.0	18
LAWSONS CHARLIE N131	VLYN131	7	9.3	24
MERRIBROOK PROGRESSION OF KYAH	VRTP6	7	8.2	32
MILLAH MURRAH MILESTONE M308	NMMM308	6	11.0	12
MURDEDUKE BLACK PEARL P036	CSWP036	13	11.9	7
MURRAY KODAK N70	NURN70	13	12.4	2
MURRAY TWINHEARTS P54	NURP54	7	9.7	19
PATHFINDER NUCLEUS N56	SMPN56	19	9.6	21
RENNYLEA L508	NORL508	15	12.1	5
RENNYLEA M1078	NORM1078	19	13.5	1
STELLAR NEUTRON N4	JCAN4	8	9.4	22
STONEY POINT NOLTE N340	SYAN340	7	10.3	16
TE MANIA NEBO N424	VTMN424	8	10.5	15
TE MANIA NERO N181	VTMN181	7	12.0	6
TEXAS MT KAPUTAR M100	DXTM100	9	11.6	8
V A R LEGEND 5019	USA18066037	9	8.9	28
WARRAWEE PATROL P29	QKBP29	4	9.7	19



## Angus Sire Benchmarking Program - Progeny Performance Report

### Cohort: 10 - Net Feed Intake (kg/day)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ARDROSSAN HOLBROOK N329	NAQN329	13	-1.6	29
ARDROSSAN MAGISTRATE M101	NAQM101	9	-1.5	31
BALD BLAIR NELSON N47	NBBN47	11	-2.5	5
BANNABY REALITY N187	ECMN187	10	-2.1	13
BOONAROO KASBAH N20	HCAN20	18	-1.9	23
BOOROOMOOKA JACKPOT N418	NGMN418	7	-2.5	5
BOOROOMOOKA NORMANDY N213	NGMN213	8	-1.5	31
BROOKLANA GENESIS N9	AMQN9	14	-1.8	25
CHILTERN PARK PICASSO P9	GTNP9	4	-1.6	29
CLUNES CROSSING DUSTY M13	QMUM13	13	-2.4	8
DULVERTON NEW APPROACH N208	NGCN208	10	-2.4	8
GLENOCH KALLANGUR K112	QBGK112	16	-2.0	19
GVA NEWSWORTHY N1	EETN1	10	-2.1	13
HARDHAT K522 NEBRASKA F143 N43	DKKN43	12	-2.0	19
HAZELDEAN M586	NHZM586	16	-1.8	25
INGLEBRAE FARMS NOBLEMAN N6	DYFN6	8	-2.0	19
KOOJAN HILLS PATRIOT N33	WKHN33	9	-2.1	13
LAWSONS CHARLIE N131	VLYN131	8	-2.1	13
MERRIBROOK PROGRESSION OF KYAH	VRTP6	6	-2.7	3
MILLAH MURRAH MILESTONE M308	NMMM308	5	-2.2	12
MURDEDUKE BLACK PEARL P036	CSWP036	13	-2.1	13
MURRAY KODAK N70	NURN70	13	-3.2	1
MURRAY TWINHEARTS P54	NURP54	8	-1.8	25
PATHFINDER NUCLEUS N56	SMPN56	19	-2.0	19
RENNYLEA L508	NORL508	14	-1.9	23
RENNYLEA M1078	NORM1078	17	-1.8	25
STELLAR NEUTRON N4	JCAN4	8	-1.3	33
STONEY POINT NOLTE N340	SYAN340	6	-2.4	8
TE MANIA NEBO N424	VTMN424	9	-2.6	4
TE MANIA NERO N181	VTMN181	7	-2.4	8
TEXAS MT KAPUTAR M100	DXTM100	9	-2.1	13
V A R LEGEND 5019	USA18066037	9	-2.5	5
WARRAWEE PATROL P29	QKBP29	4	-2.9	2





## Angus Sire Benchmarking Program - Progeny Performance Report

### Cohort: 10 - MSA Marble Score (Score)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ARDROSSAN HOLBROOK N329	NAQN329	14	485.9	16
ARDROSSAN MAGISTRATE M101	NAQM101	10	487.1	15
BALD BLAIR NELSON N47	NBBN47	10	399.0	33
BANNABY REALITY N187	ECMN187	10	502.5	11
BOONAROO KASBAH N20	HCAN20	18	452.9	25
BOOROOMOOKA JACKPOT N418	NGMN418	5	416.2	32
BOOROOMOOKA NORMANDY N213	NGMN213	8	516.6	9
BROOKLANA GENESIS N9	AMQN9	15	469.0	20
CHILTERN PARK PICASSO P9	GTNP9	5	556.8	4
CLUNES CROSSING DUSTY M13	QMUM13	14	493.8	12
DULVERTON NEW APPROACH N208	NGCN208	11	479.4	18
GLENOCH KALLANGUR K112	QBGK112	15	437.8	28
GVA NEWSWORTHY N1	EETN1	10	482.4	17
HARDHAT K522 NEBRASKA F143 N43	DKKN43	12	436.3	30
HAZELDEAN M586	NHZM586	17	575.6	2
INGLEBRAE FARMS NOBLEMAN N6	DYFN6	8	460.3	24
KOOJAN HILLS PATRIOT N33	WKHN33	10	469.3	19
LAWSONS CHARLIE N131	VLYN131	7	437.1	29
MERRIBROOK PROGRESSION OF KYAH	VRTP6	7	432.6	31
MILLAH MURRAH MILESTONE M308	NMMM308	6	467.7	22
MURDEDUKE BLACK PEARL P036	CSWP036	13	527.3	7
MURRAY KODAK N70	NURN70	13	550.5	5
MURRAY TWINHEARTS P54	NURP54	7	491.2	13
PATHFINDER NUCLEUS N56	SMPN56	19	468.1	21
RENNYLEA L508	NORL508	15	526.5	8
RENNYLEA M1078	NORM1078	19	607.9	1
STELLAR NEUTRON N4	JCAN4	8	461.0	23
STONEY POINT NOLTE N340	SYAN340	7	488.4	14
TE MANIA NEBO N424	VTMN424	8	516.6	9
TE MANIA NERO N181	VTMN181	7	561.7	3
TEXAS MT KAPUTAR M100	DXTM100	9	536.2	6
V A R LEGEND 5019	USA18066037	9	448.3	26
WARRAWEE PATROL P29	QKBP29	4	439.5	27



## Angus Sire Benchmarking Program - Progeny Performance Report

### Cohort: 10 - MSA Ossification (Score)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ARDROSSAN HOLBROOK N329	NAQN329	14	147.4	11
ARDROSSAN MAGISTRATE M101	NAQM101	10	142.1	21
BALD BLAIR NELSON N47	NBBN47	10	142.7	19
BANNABY REALITY N187	ECMN187	10	140.1	26
BOONAROO KASBAH N20	HCAN20	18	142.4	20
BOOROOMOOKA JACKPOT N418	NGMN418	5	148.0	7
BOOROOMOOKA NORMANDY N213	NGMN213	8	134.8	31
BROOKLANA GENESIS N9	AMQN9	15	137.4	28
CHILTERN PARK PICASSO P9	GTNP9	5	148.0	7
CLUNES CROSSING DUSTY M13	QMUM13	14	154.3	1
DULVERTON NEW APPROACH N208	NGCN208	11	137.3	29
GLENOCH KALLANGUR K112	QBGK112	15	146.3	14
GVA NEWSWORTHY N1	EETN1	10	132.5	33
HARDHAT K522 NEBRASKA F143 N43	DKKN43	12	147.6	9
HAZELDEAN M586	NHZM586	17	142.1	21
INGLEBRAE FARMS NOBLEMAN N6	DYFN6	8	141.3	24
KOOJAN HILLS PATRIOT N33	WKHN33	10	148.1	6
LAWSONS CHARLIE N131	VLYN131	7	149.6	4
MERRIBROOK PROGRESSION OF KYAH	VRTP6	7	144.4	15
MILLAH MURRAH MILESTONE M308	NMMM308	6	148.2	5
MURDEDUKE BLACK PEARL P036	CSWP036	13	136.9	30
MURRAY KODAK N70	NURN70	13	140.5	25
MURRAY TWINHEARTS P54	NURP54	7	153.1	2
PATHFINDER NUCLEUS N56	SMPN56	19	143.0	17
RENNYLEA L508	NORL508	15	147.1	12
RENNYLEA M1078	NORM1078	19	133.4	32
STELLAR NEUTRON N4	JCAN4	8	147.6	9
STONEY POINT NOLTE N340	SYAN340	7	144.0	16
TE MANIA NEBO N424	VTMN424	8	151.1	3
TE MANIA NERO N181	VTMN181	7	147.1	12
TEXAS MT KAPUTAR M100	DXTM100	9	142.8	18
V A R LEGEND 5019	USA18066037	9	141.7	23
WARRAWEE PATROL P29	QKBP29	4	137.7	27



## Angus Sire Benchmarking Program - Progeny Performance Report

### Cohort: 10 - MSA Index (Index)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
ARDROSSAN HOLBROOK N329	NAQN329	14	64.5	22
ARDROSSAN MAGISTRATE M101	NAQM101	10	65.0	15
BALD BLAIR NELSON N47	NBBN47	10	64.1	30
BANNABY REALITY N187	ECMN187	10	65.1	12
BOONAROO KASBAH N20	HCAN20	18	64.4	23
BOOROOMOOKA JACKPOT N418	NGMN418	5	63.7	32
BOOROOMOOKA NORMANDY N213	NGMN213	8	65.2	9
BROOKLANA GENESIS N9	AMQN9	15	65.2	9
CHILTERN PARK PICASSO P9	GTNP9	5	65.8	3
CLUNES CROSSING DUSTY M13	QMUM13	14	64.3	26
DULVERTON NEW APPROACH N208	NGCN208	11	65.2	9
GLENOCH KALLANGUR K112	QBGK112	15	64.4	23
GVA NEWSWORTHY N1	EETN1	10	65.3	8
HARDHAT K522 NEBRASKA F143 N43	DKKN43	12	64.4	23
HAZELDEAN M586	NHZM586	17	65.9	2
INGLEBRAE FARMS NOBLEMAN N6	DYFN6	8	64.7	19
KOOJAN HILLS PATRIOT N33	WKHN33	10	64.3	26
LAWSONS CHARLIE N131	VLYN131	7	63.6	33
MERRIBROOK PROGRESSION OF KYAH	VRTP6	7	64.2	28
MILLAH MURRAH MILESTONE M308	NMMM308	6	64.2	28
MURDEDUKE BLACK PEARL P036	CSWP036	13	64.9	16
MURRAY KODAK N70	NURN70	13	65.6	5
MURRAY TWINHEARTS P54	NURP54	7	65.1	12
PATHFINDER NUCLEUS N56	SMPN56	19	64.8	18
RENNYLEA L508	NORL508	15	65.1	12
RENNYLEA M1078	NORM1078	19	66.3	1
STELLAR NEUTRON N4	JCAN4	8	64.6	21
STONEY POINT NOLTE N340	SYAN340	7	65.4	7
TE MANIA NEBO N424	VTMN424	8	64.1	30
TE MANIA NERO N181	VTMN181	7	65.5	6
TEXAS MT KAPUTAR M100	DXTM100	9	65.7	4
V A R LEGEND 5019	USA18066037	9	64.7	19
WARRAWEE PATROL P29	QKBP29	4	64.9	16



## UNDERSTANDING THE ASBP SIRE LISTING - PROGENY PERFORMANCE II CATEGORICAL TRAITS

This listing provides an indication on how the sires are performing for several categorical (i.e. scored) traits within the ASBP, through their progeny.

*For selection purposes it is strongly advised that the TACE EBVs and selection indexes listed in section 1 of the report be used primarily. They are the highest accuracy information to use in selection as they take into account all available industry data including the data generated from the ASBP. They also account for information from all known relatives and genetic correlations between traits as well as being able to be compared across cohorts and the Angus population.*

### Interpreting the ASBP Progeny Performance Listing



### Angus Sire Benchmarking Program - Progeny Performance Report Cohort: 8 - Claw Set (Score)

Sire Name	Sire ID	Number of Progeny	Progeny % Score 5-6	Rank
AJC L172	NXOL172	33	36.4	30
ALLOURA LOCK STOCK & BARREL L94	DGJL94	10	40.0	28
BEN NEVIS JUDO J158	NBNJ158	5	60.0	12
BOOROOMOOKA LEROY L173	NGML173	25	44.0	25
BRIDGEWATER STIMULUS K65	BONK065	24	79.2	2
BROOKLANA INFINITY L39	AMQL39	25	52.0	18
CHILTERN PARK MARRIES M3	GTNM3	23	69.6	8

**Number of progeny** = Number of progeny the sire has recorded within the ASBP for the specified trait.

**Progeny %** = The percentage of ASBP progeny displaying the desirable score for the specified trait. The scores deemed ideal are listed in traits section below.

**Rank** = The ranking position (descending order) of the sire within the specified cohort.

The lists are sorted on sire name for the specified cohort. The date the progeny performance values were produced is listed in the bottom left hand margin of the report. The reports will be regularly updated as further ASBP data is recorded and analysed.

### Progeny Performance Categorical Traits and Interpretation

Separate sections for the following traits are included in the ASBP Progeny Performance listing:

**Dockility:** Percentage of progeny displaying a crush dockility score, taken at weaning, of 1 or 1.5 (out of 5). Higher Progeny % values indicate a higher percentage of progeny with desirable temperament.

**Claw Set:** Percentage of progeny displaying a front feet claw set score, taken around 12 to 18 months of age, of 5 or 6 (out of the 1 to 9 scoring range). Higher Progeny % values indicate a higher percentage of progeny with structure of optimal score for front foot claw set.

**Foot Angle:** Percentage of progeny displaying a front feet angle score, taken around 12 to 18 months or age, of 5 or 6 (out of the 1 to 9 scoring range). Higher Progeny % values indicate a higher percentage of progeny with structure of optimal score for front feet angle.

**Coat Type:** Percentage of progeny displaying a coat type score, taken around 12 to 18 months or age, of 1, 1.5 or 2 (out of 7). Higher Progeny % values indicate a higher percentage of slick coated progeny.

Further information on the scoring systems are available from the Angus Education Centre - <https://www.angusaustralia.com.au/education/>



## Angus Sire Benchmarking Program - Progeny Performance Report

### Cohort: 10 - Docility (Score)

Sire Name	Sire ID	Number of Progeny	Progeny % Score 1-1.5	Rank
ARDROSSAN HOLBROOK N329	NAQN329	22	54.5	29
ARDROSSAN MAGISTRATE M101	NAQM101	25	52.0	30
BALD BLAIR NELSON N47	NBBN47	26	73.1	13
BANNABY REALITY N187	ECMN187	27	48.1	31
BOONAROO KASBAH N20	HCAN20	29	69.0	20
BOOROOMOOKA JACKPOT N418	NGMN418	16	81.3	5
BOOROOMOOKA NORMANDY N213	NGMN213	18	77.8	7
BROOKLANA GENESIS N9	AMQN9	30	56.7	28
CHILTERN PARK PICASSO P9	GTNP9	16	93.8	1
CLUNES CROSSING DUSTY M13	QMUM13	35	60.0	27
DULVERTON NEW APPROACH N208	NGCN208	21	90.5	3
GLENOCH KALLANGUR K112	QBGK112	26	69.2	19
GVA NEWSWORTHY N1	EETN1	23	65.2	23
HARDHAT K522 NEBRASKA F143 N43	DKKN43	24	75.0	10
HAZELDEAN M586	NHZM586	35	91.4	2
INGLEBRAE FARMS NOBLEMAN N6	DYFN6	18	61.1	26
KOOJAN HILLS PATRIOT N33	WKHN33	33	75.8	9
LAWSONS CHARLIE N131	VLYN131	29	69.0	20
MERRIBROOK PROGRESSION OF KYAH	VRTP6	16	75.0	10
MILLAH MURRAH MILESTONE M308	NMMM308	20	65.0	24
MURDEDUKE BLACK PEARL P036	CSWP036	29	72.4	14
MURRAY KODAK N70	NURN70	27	74.1	12
MURRAY TWINHEARTS P54	NURP54	24	70.8	16
PATHFINDER NUCLEUS N56	SMPN56	29	72.4	14
RENNYLEA L508	NORL508	27	48.1	31
RENNYLEA M1078	NORM1078	33	69.7	18
STELLAR NEUTRON N4	JCAN4	22	63.6	25
STONEY POINT NOLTE N340	SYAN340	24	70.8	16
TE MANIA NEBO N424	VTMN424	24	83.3	4
TE MANIA NERO N181	VTMN181	19	68.4	22
TEXAS MT KAPUTAR M100	DXTM100	20	45.0	33
V A R LEGEND 5019	USA18066037	21	76.2	8
WARRAWEE PATROL P29	QKBP29	15	80.0	6



## Angus Sire Benchmarking Program - Progeny Performance Report

### Cohort: 10 - Claw Set (Score)

Sire Name	Sire ID	Number of Progeny	Progeny % Score 5-6	Rank
ARDROSSAN HOLBROOK N329	NAQN329	21	71.4	10
ARDROSSAN MAGISTRATE M101	NAQM101	24	83.3	5
BALD BLAIR NELSON N47	NBBN47	24	66.7	17
BANNABY REALITY N187	ECMN187	25	84.0	3
BOONAROO KASBAH N20	HCAN20	28	64.3	22
BOOROOMOOKA JACKPOT N418	NGMN418	15	26.7	33
BOOROOMOOKA NORMANDY N213	NGMN213	15	66.7	17
BROOKLANA GENESIS N9	AMQN9	28	57.1	28
CHILTERN PARK PICASSO P9	GTNP9	15	80.0	7
CLUNES CROSSING DUSTY M13	QMUM13	32	62.5	25
DULVERTON NEW APPROACH N208	NGCN208	20	55.0	29
GLENOCH KALLANGUR K112	QB GK112	25	84.0	3
GVA NEWSWORTHY N1	EETN1	22	45.5	31
HARDHAT K522 NEBRASKA F143 N43	DKKN43	22	63.6	24
HAZELDEAN M586	NHZM586	34	91.2	1
INGLEBRAE FARMS NOBLEMAN N6	DYFN6	17	76.5	8
KOOJAN HILLS PATRIOT N33	WKHN33	27	66.7	17
LAWSONS CHARLIE N131	VLYN131	28	64.3	22
MERRIBROOK PROGRESSION OF KYAH	VRTP6	15	86.7	2
MILLAH MURRAH MILESTONE M308	NMMM308	18	66.7	17
MURDEDUKE BLACK PEARL P036	CSWP036	29	58.6	27
MURRAY KODAK N70	NURN70	27	70.4	13
MURRAY TWINHEARTS P54	NURP54	22	68.2	16
PATHFINDER NUCLEUS N56	SMPN56	29	69.0	15
RENNYLEA L508	NORL508	26	69.2	14
RENNYLEA M1078	NORM1078	31	71.0	12
STELLAR NEUTRON N4	JCAN4	22	54.5	30
STONEY POINT NOLTE N340	SYAN340	19	73.7	9
TE MANIA NEBO N424	VTMN424	23	82.6	6
TE MANIA NERO N181	VTMN181	17	58.8	26
TEXAS MT KAPUTAR M100	DXTM100	18	66.7	17
V A R LEGEND 5019	USA18066037	21	42.9	32
WARRAWEE PATROL P29	QKBP29	14	71.4	10



## Angus Sire Benchmarking Program - Progeny Performance Report

### Cohort: 10 - Foot Angle (Score)

Sire Name	Sire ID	Number of Progeny	Progeny % Score 5-6	Rank
ARDROSSAN HOLBROOK N329	NAQN329	21	81.0	29
ARDROSSAN MAGISTRATE M101	NAQM101	24	95.8	7
BALD BLAIR NELSON N47	NBBN47	24	100.0	1
BANNABY REALITY N187	ECMN187	25	84.0	25
BOONAROO KASBAH N20	HCAN20	28	92.9	13
BOOROOMOOKA JACKPOT N418	NGMN418	15	86.7	21
BOOROOMOOKA NORMANDY N213	NGMN213	15	93.3	12
BROOKLANA GENESIS N9	AMQN9	28	92.9	13
CHILTERN PARK PICASSO P9	GTNP9	15	100.0	1
CLUNES CROSSING DUSTY M13	QMUM13	32	87.5	20
DULVERTON NEW APPROACH N208	NGCN208	20	90.0	17
GLENOCH KALLANGUR K112	QBGK112	25	84.0	25
GVA NEWSWORTHY N1	EETN1	22	90.9	15
HARDHAT K522 NEBRASKA F143 N43	DKKN43	22	95.5	9
HAZELDEAN M586	NHZM586	34	94.1	10
INGLEBRAE FARMS NOBLEMAN N6	DYFN6	17	94.1	10
KOOJAN HILLS PATRIOT N33	WKHN33	27	77.8	32
LAWSONS CHARLIE N131	VLYN131	28	85.7	23
MERRIBROOK PROGRESSION OF KYAH	VRTP6	15	100.0	1
MILLAH MURRAH MILESTONE M308	NMMM308	18	100.0	1
MURDEDUKE BLACK PEARL P036	CSWP036	29	79.3	30
MURRAY KODAK N70	NURN70	27	96.3	6
MURRAY TWINHEARTS P54	NURP54	22	86.4	22
PATHFINDER NUCLEUS N56	SMPN56	29	100.0	1
RENNYLEA L508	NORL508	26	88.5	19
RENNYLEA M1078	NORM1078	31	83.9	27
STELLAR NEUTRON N4	JCAN4	22	90.9	15
STONEY POINT NOLTE N340	SYAN340	19	89.5	18
TE MANIA NEBO N424	VTMN424	23	95.7	8
TE MANIA NERO N181	VTMN181	17	82.4	28
TEXAS MT KAPUTAR M100	DXTM100	18	66.7	33
V A R LEGEND 5019	USA18066037	21	85.7	23
WARRAWEE PATROL P29	QKBP29	14	78.6	31



## Angus Sire Benchmarking Program - Progeny Performance Report

### Cohort: 10 - Coat Type (Score)

Sire Name	Sire ID	Number of Progeny	Progeny % Score 1-2	Rank
ARDROSSAN HOLBROOK N329	NAQN329	14	78.6	8
ARDROSSAN MAGISTRATE M101	NAQM101	15	73.3	11
BALD BLAIR NELSON N47	NBBN47	18	83.3	4
BANNABY REALITY N187	ECMN187	15	66.7	16
BOONAROO KASBAH N20	HCAN20	24	50.0	31
BOOROOMOOKA JACKPOT N418	NGMN418	13	46.2	33
BOOROOMOOKA NORMANDY N213	NGMN213	9	88.9	1
BROOKLANA GENESIS N9	AMQN9	19	68.4	15
CHILTERN PARK PICASSO P9	GTNP9	10	70.0	14
CLUNES CROSSING DUSTY M13	QMUM13	18	61.1	24
DULVERTON NEW APPROACH N208	NGCN208	15	80.0	5
GLENOCH KALLANGUR K112	QBGK112	18	66.7	16
GVA NEWSWORTHY N1	EETN1	14	57.1	28
HARDHAT K522 NEBRASKA F143 N43	DKKN43	18	61.1	24
HAZELDEAN M586	NHZM586	26	61.5	22
INGLEBRAE FARMS NOBLEMAN N6	DYFN6	13	76.9	9
KOOJAN HILLS PATRIOT N33	WKHN33	18	66.7	16
LAWSONS CHARLIE N131	VLYN131	15	80.0	5
MERRIBROOK PROGRESSION OF KYAH	VRTP6	10	60.0	26
MILLAH MURRAH MILESTONE M308	NMMM308	13	61.5	22
MURDEDUKE BLACK PEARL P036	CSWP036	20	85.0	3
MURRAY KODAK N70	NURN70	20	60.0	26
MURRAY TWINHEARTS P54	NURP54	14	57.1	28
PATHFINDER NUCLEUS N56	SMPN56	23	73.9	10
RENNYLEA L508	NORL508	17	70.6	13
RENNYLEA M1078	NORM1078	24	79.2	7
STELLAR NEUTRON N4	JCAN4	14	50.0	31
STONEY POINT NOLTE N340	SYAN340	11	63.6	21
TE MANIA NEBO N424	VTMN424	14	71.4	12
TE MANIA NERO N181	VTMN181	15	86.7	2
TEXAS MT KAPUTAR M100	DXTM100	12	66.7	16
V A R LEGEND 5019	USA18066037	15	66.7	16
WARRAWEE PATROL P29	QKBP29	9	55.6	30





## UNDERSTANDING THE ASBP SIRE LISTING - PROGENY PERFORMANCE SUMMARY TABLE

This listing provides an indication of how the sires are performing within the ASBP. *The values listed can only be validly used to compare sires within each cohort of the ASBP.*

**For selection purposes it is strongly advised that the EBVs and selection indexes listed in section 1 of the report be used primarily.** They are the highest accuracy information to use in selection as they take into account all available industry data including the data generated from the ASBP. They also account for information from all known relatives and genetic correlations between traits as well as being able to be compared across cohorts and the Angus population.

### Interpreting the ASBP Progeny Performance Summary Table

Angus Sire Benchmarking Program - Cohort 3												
Summary of Progeny Averages (rank)												
Sire ID Name	BW	GL	WW	YW	FW	DTC	SCAN EMA	SCAN RIB	SCAN RUMP	SCAN IMF	CARC WT	
DGJF27 ALLOURA FOURTH DIMENSION F27	34.1 (1)	282.8 (23)	192.1 (35)	359.3 (40)	512.9 (36)	300.7 (16)	66.0 (15)	8.5 (1)	10.8 (1)	6.4 (1)	426.6 (36)	8
DGJG19 ALLOURA GET UP-AND-GO G19	37.0 (15)	283.0 (24)	202.7 (17)	396.7 (13)	537.3 (21)	290.1 (1)	64.9 (26)	7.8 (8)	10.0 (14)	5.4 (24)	432.3 (31)	
CGKE9 ALPINE EXTRA SPECIAL E9	37.1 (18)	279.1 (4)	190.7 (39)	370.2 (37)	515.0 (34)	316.6 (40)	62.4 (39)	5.8 (40)	7.7 (39)	4.9 (40)	434.6 (30)	8
WJMF96 ARDCAIRNIE F96	36.2 (7)	281.7 (17)	198.9 (21)	390.3 (18)	551.2 (10)	310.5 (37)	69.0 (2)	7.7 (10)	10.1 (11)	5.6 (12)	465.0 (11)	
NBBG117 BALD BLAIR NEW DESIGN G117	36.3 (9)	282.1 (20)	197.0 (29)	397.5 (11)	544.0 (12)	302.1 (22)	67.0 (11)	7.4 (18)	9.3 (28)	5.0 (39)	453.4 (19)	
WMYF3 BLACKROCK F3	36.5 (10)	279.0 (3)	204.3 (11)	388.2 (22)	555.2 (8)	301.5 (19)	67.2 (9)	7.6 (14)	10.3 (8)	5.7 (10)	479.1 (2)	
NGMF510 BOOROOMOOKA FRANKEL F510	40.3 (39)	281.3 (14)	200.3 (20)	405.9 (3)	555.5 (7)	304.1 (26)	65.8 (16)	7.3 (20)	10.1 (11)	5.4 (24)	444.3 (26)	

**Progeny Average** = The average performance of this sires progeny for the specified trait in the ASBP. The average is calculated using adjusted data (i.e. the standard adjustments for the age of the progeny and age of the dams). It is calculated using a least squares means (LSM) model which takes into herd and contemporary group.

**Rank** = The ranking position of the sire within the specified cohort (in brackets). The ranking order will depend on the trait. E.g. 200 Day weight ranked in descending order, while birth weight is ranked in ascending order.

For easy interpretation colour coding has been applied to the ranking being:

- Rank 1 to 5 (dark green with white text). E.g. 

34.1 (1)
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- Rank 6 to 10 (light green with black text). E.g. 

36.5 (10)
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The definition of the traits are detailed in the previous section of this report titled “Understanding the ASBP Progeny Performance Listing”

The table is sorted on sire name for the specified cohort.

The date the progeny performance values were produced is listed in the bottom left hand margin of the report. The reports will be regularly updated as further ASBP data is recorded and analysed.



### Angus Sire Benchmarking Program - Cohort 10

#### Summary of Progeny Averages (rank)

Sire ID Name	BW	GL	WW	YW	FW	DTC	SCAN EMA	SCAN RIB	SCAN RUMP	SCAN IMF	CARC WT	CARC EMA	CARC IMF	NFI-f	MSA MBL	MSA OSS	MSA IND	DOC	CLAW	ANGLE	CT
NAQN329 ARDROSSAN HOLBROOK N329	34.0 (18)	281.2 (27)	227.7 (28)	378.1 (20)	425.8 (31)		65.3 (19)	6.0 (10)	7.9 (6)	7.0 (1)	437.0 (26)	81.9 (29)	11.3 (9)	-1.6 (29)	485.9 (16)	147.4 (11)	64.5 (22)	54.5 (29)	71.4 (10)	81.0 (29)	78.6 (8)
NAQM101 ARDROSSAN MAGISTRATE M101	35.1 (28)	280.9 (25)	238.9 (12)	394.1 (6)	437.8 (27)		66.8 (5)	5.9 (14)	7.7 (10)	6.6 (9)	443.4 (22)	84.5 (14)	9.0 (26)	-1.5 (31)	487.1 (15)	142.1 (21)	65.0 (15)	52.0 (30)	83.3 (5)	95.8 (7)	73.3 (11)
NBBN47 BALD BLAIR NELSON N47	33.9 (16)	282.1 (31)	241.4 (9)	403.6 (3)	464.3 (13)		66.2 (11)	5.3 (31)	6.3 (30)	6.2 (27)	464.4 (5)	81.6 (30)	8.2 (32)	-2.5 (5)	399.0 (33)	142.7 (19)	64.1 (30)	73.1 (13)	66.7 (17)	100.0 (1)	83.3 (4)
ECMN187 BANNABY REALITY N187	31.8 (1)	279.1 (9)	222.4 (32)	358.9 (33)	418.6 (32)		63.8 (31)	6.0 (10)	7.6 (12)	6.5 (13)	447.1 (18)	82.5 (25)	11.0 (12)	-2.1 (13)	502.5 (11)	140.1 (26)	65.1 (12)	48.1 (31)	84.0 (3)	84.0 (25)	66.7 (16)
HCAN20 BOONAROO KASBAH N20	33.9 (16)	280.0 (16)	227.9 (27)	372.3 (27)	436.7 (28)		65.0 (21)	5.7 (19)	6.8 (23)	5.9 (30)	444.6 (21)	83.0 (22)	10.1 (17)	-1.9 (23)	452.9 (25)	142.4 (20)	64.4 (23)	69.0 (20)	64.3 (22)	92.9 (13)	50.0 (31)
NGMN418 BOOROOMOOKA JACKPOT N418	34.8 (24)	279.2 (10)	240.2 (10)	386.5 (12)	470.1 (9)		66.7 (6)	6.1 (8)	8.1 (3)	6.1 (29)	448.3 (16)	85.5 (10)	9.0 (26)	-2.5 (5)	416.2 (32)	148.0 (7)	63.7 (32)	81.3 (5)	26.7 (33)	86.7 (21)	46.2 (33)
NGMN213 BOOROOMOOKA NORMANDY N213	31.9 (4)	279.5 (12)	222.5 (31)	366.8 (31)	399.3 (33)		63.9 (28)	4.8 (33)	6.0 (33)	5.7 (33)	429.7 (31)	78.6 (33)	11.2 (10)	-1.5 (31)	516.6 (9)	134.8 (31)	65.2 (9)	77.8 (7)	66.7 (17)	93.3 (12)	88.9 (1)
AMQN9 BROOKLANA GENESIS N9	36.1 (33)	281.7 (28)	238.7 (13)	392.6 (8)	482.5 (5)		67.7 (1)	5.5 (24)	6.3 (30)	6.5 (13)	463.9 (6)	94.7 (1)	8.4 (31)	-1.8 (25)	469.0 (20)	137.4 (28)	65.2 (9)	56.7 (28)	57.1 (28)	92.9 (13)	68.4 (15)
GTNP9 CHILTERN PARK PICASSO P9	33.0 (10)	283.1 (33)	243.6 (8)	372.2 (28)	497.9 (2)		66.9 (4)	5.9 (14)	7.6 (12)	6.5 (13)	467.4 (4)	88.1 (4)	12.4 (2)	-1.6 (29)	556.8 (4)	148.0 (7)	65.8 (3)	93.8 (1)	80.0 (7)	100.0 (1)	70.0 (14)
QMUM13 CLUNES CROSSING DUSTY M13	34.7 (23)	279.6 (14)	236.9 (15)	373.3 (26)	471.5 (7)		66.0 (13)	6.0 (10)	7.1 (22)	6.3 (24)	432.0 (29)	86.6 (6)	11.2 (10)	-2.4 (8)	493.8 (12)	154.3 (1)	64.3 (26)	60.0 (27)	62.5 (25)	87.5 (20)	61.1 (24)
NGCN208 DULVERTON NEW APPROACH N208	33.4 (14)	280.5 (18)	230.4 (22)	383.1 (14)	453.0 (19)		65.7 (14)	5.4 (26)	6.8 (23)	6.7 (5)	455.0 (9)	86.6 (6)	9.2 (25)	-2.4 (8)	479.4 (18)	137.3 (29)	65.2 (9)	90.5 (3)	55.0 (29)	90.0 (17)	80.0 (5)
QBGK112 GLENDOCH KALLANGUR K112	35.6 (32)	281.7 (28)	237.6 (14)	377.7 (21)	440.2 (25)		65.5 (15)	6.0 (10)	7.8 (7)	6.6 (9)	460.4 (7)	86.7 (5)	9.4 (22)	-2.0 (19)	437.8 (28)	146.3 (14)	64.4 (23)	69.2 (19)	84.0 (3)	84.0 (25)	66.7 (16)
EETN1 GVA NEWSWORTHY N1	32.1 (6)	278.3 (4)	231.4 (20)	370.4 (30)	444.7 (24)		64.3 (26)	5.8 (18)	7.2 (20)	6.6 (9)	448.0 (17)	85.4 (11)	10.7 (14)	-2.1 (13)	482.4 (17)	132.5 (33)	65.3 (8)	65.2 (23)	45.5 (31)	90.9 (15)	57.1 (28)
DKKN43 HARDHAT K522 NEBRASKA F143 N43	32.1 (6)	279.0 (8)	239.3 (11)	389.5 (10)	462.2 (14)		63.9 (28)	6.5 (2)	7.6 (12)	6.3 (24)	450.7 (13)	83.1 (21)	8.5 (30)	-2.0 (19)	436.3 (30)	147.6 (9)	64.4 (23)	75.0 (10)	63.6 (24)	95.5 (9)	61.1 (24)
NHZM586 HAZELDEAN M586	33.3 (13)	279.6 (14)	235.0 (16)	381.6 (17)	450.6 (21)		64.9 (22)	6.3 (6)	7.4 (17)	6.4 (19)	437.6 (25)	86.6 (6)	12.4 (2)	-1.8 (25)	575.6 (2)	142.1 (21)	65.9 (2)	91.4 (2)	91.2 (1)	94.1 (10)	61.5 (22)
DYFN6 INGLEBRAE FARMS NOBLEMAN N6	33.0 (10)	279.4 (11)	245.1 (6)	382.2 (16)	453.9 (18)		65.5 (15)	6.4 (4)	8.0 (5)	6.7 (5)	448.4 (15)	85.2 (12)	8.7 (29)	-2.0 (19)	460.3 (24)	141.3 (24)	64.7 (19)	61.1 (26)	76.5 (8)	94.1 (10)	76.9 (9)
WKHN33 KOOJAN HILLS PATRIOT N33	32.2 (8)	280.5 (18)	233.0 (19)	378.2 (19)	464.6 (12)		64.2 (27)	5.4 (26)	6.8 (23)	6.2 (27)	445.3 (20)	81.3 (31)	10.0 (18)	-2.1 (13)	469.3 (19)	148.1 (6)	64.3 (26)	75.8 (9)	66.7 (17)	77.8 (32)	66.7 (16)
VLYN131 LAWSON'S CHARLIE N131	34.1 (21)	280.8 (22)	247.1 (4)	406.2 (2)	485.3 (4)		67.6 (2)	5.9 (14)	7.6 (12)	6.4 (19)	435.5 (27)	82.7 (24)	9.3 (24)	-2.1 (13)	437.1 (29)	149.6 (4)	63.6 (33)	69.0 (20)	64.3 (22)	85.7 (23)	80.0 (5)
VRTP6 MERRIBROOK PROGRESSION OF KYAH PARK	31.8 (1)	276.5 (1)	233.1 (18)	389.0 (11)	454.8 (16)		64.5 (25)	6.5 (2)	7.6 (12)	6.4 (19)	449.3 (14)	83.5 (20)	8.2 (32)	-2.7 (3)	432.6 (31)	144.4 (15)	64.2 (28)	75.0 (10)	86.7 (2)	100.0 (1)	60.0 (26)
NMMM308 MILLAH MURRAH MILESTONE M308	34.0 (18)	278.7 (6)	229.3 (25)	370.7 (29)	466.6 (10)		66.5 (8)	5.9 (14)	8.4 (2)	6.5 (13)	440.2 (24)	82.1 (28)	11.0 (12)	-2.2 (12)	467.7 (22)	148.2 (5)	64.2 (28)	65.0 (24)	66.7 (17)	100.0 (1)	61.5 (22)
CSWP036 MURDEDUKE BLACK PEARL P036	33.5 (15)	278.6 (5)	225.9 (30)	375.4 (24)	456.5 (15)		63.9 (28)	5.7 (19)	7.7 (10)	6.6 (9)	427.1 (32)	80.6 (32)	11.9 (7)	-2.1 (13)	527.3 (7)	136.9 (30)	64.9 (16)	72.4 (14)	58.6 (27)	79.3 (30)	85.0 (3)
NURN70 MURRAY KODAK N70	34.0 (18)	278.8 (7)	234.0 (17)	382.9 (15)	470.9 (8)		66.5 (8)	6.1 (8)	7.8 (7)	6.8 (3)	447.0 (19)	84.5 (14)	12.4 (2)	-3.2 (1)	550.5 (5)	140.5 (25)	65.6 (5)	74.1 (12)	70.4 (13)	96.3 (6)	60.0 (26)



## Angus Sire Benchmarking Program - Cohort 10

### Summary of Progeny Averages (rank)

Sire ID Name	BW	GL	WW	YW	FW	DTC	SCAN EMA	SCAN RIB	SCAN RUMP	SCAN IMF	CARC WT	CARC EMA	CARC IMF	NFI-f	MSA MBL	MSA OSS	MSA IND	DOC	CLAW	ANGLE	CT
NURP54 MURRAY TWINHEARTS P54	35.3 (30)	280.7 (20)	253.7 (1)	403.5 (4)	452.4 (20)		66.6 (7)	5.7 (19)	7.4 (17)	6.7 (5)	474.7 (2)	84.0 (19)	9.7 (19)	-1.8 (25)	491.2 (13)	153.1 (2)	65.1 (12)	70.8 (16)	68.2 (16)	86.4 (22)	57.1 (28)
SMPN56 PATHFINDER NUCLEUS N56	34.9 (25)	280.7 (20)	247.0 (5)	389.7 (9)	518.8 (1)		67.0 (3)	6.3 (6)	8.1 (3)	7.0 (1)	453.2 (11)	88.9 (3)	9.6 (21)	-2.0 (19)	468.1 (21)	143.0 (17)	64.8 (18)	72.4 (14)	69.0 (15)	100.0 (1)	73.9 (10)
NORL508 RENNYLEA L508	32.0 (5)	279.5 (12)	228.2 (26)	375.0 (25)	454.1 (17)		65.1 (20)	6.4 (4)	7.8 (7)	6.8 (3)	430.5 (30)	84.2 (18)	12.1 (5)	-1.9 (23)	526.5 (8)	147.1 (12)	65.1 (12)	48.1 (31)	69.2 (14)	88.5 (19)	70.6 (13)
NORM1078 RENNYLEA M1078	32.5 (9)	282.0 (30)	221.6 (33)	363.3 (32)	445.8 (23)		65.5 (15)	5.6 (22)	7.2 (20)	6.5 (13)	432.9 (28)	85.7 (9)	13.5 (1)	-1.8 (25)	607.9 (1)	133.4 (32)	66.3 (1)	69.7 (18)	71.0 (12)	83.9 (27)	79.2 (7)
JCAN4 STELLAR NEUTRON N4	33.2 (12)	280.0 (16)	230.2 (23)	378.8 (18)	439.5 (26)		62.5 (33)	5.6 (22)	7.3 (19)	6.3 (24)	451.6 (12)	83.0 (22)	9.4 (22)	-1.3 (33)	461.0 (23)	147.6 (9)	64.6 (21)	63.6 (25)	54.5 (30)	90.9 (15)	50.0 (31)
SYAN340 STONE POINT NOLTE N340	35.2 (29)	280.8 (22)	245.0 (7)	408.3 (1)	477.4 (6)		66.1 (12)	5.5 (24)	6.5 (28)	6.4 (19)	477.5 (1)	84.3 (16)	10.3 (16)	-2.4 (8)	488.4 (14)	144.0 (16)	65.4 (7)	70.8 (16)	73.7 (9)	89.5 (18)	63.6 (21)
VTMN424 TE MANIA NEBO N424	35.0 (26)	281.0 (26)	230.6 (21)	376.1 (23)	446.6 (22)		64.8 (23)	5.4 (26)	6.5 (28)	6.4 (19)	407.1 (33)	82.3 (26)	10.5 (15)	-2.6 (4)	516.6 (9)	151.1 (3)	64.1 (30)	83.3 (4)	82.6 (6)	95.7 (8)	71.4 (12)
VTMN181 TE MANIA NERO N181	34.2 (22)	283.0 (32)	227.1 (29)	376.4 (22)	465.3 (11)		65.4 (18)	5.4 (26)	6.6 (27)	6.5 (13)	440.3 (23)	84.7 (13)	12.0 (6)	-2.4 (8)	561.7 (3)	147.1 (12)	65.5 (6)	68.4 (22)	58.8 (26)	82.4 (28)	86.7 (2)
DXTM100 TEXAS MT KAPUTAR M100	35.5 (31)	278.2 (3)	248.8 (3)	393.3 (7)	427.3 (29)		63.7 (32)	5.2 (32)	6.8 (23)	5.8 (32)	455.7 (8)	84.3 (16)	11.6 (8)	-2.1 (13)	536.2 (6)	142.8 (18)	65.7 (4)	45.0 (33)	66.7 (17)	66.7 (33)	66.7 (16)
USA18066037 V A R LEGEND 5019	35.0 (26)	280.8 (22)	249.1 (2)	400.8 (5)	426.6 (30)		66.5 (8)	5.4 (26)	6.3 (30)	5.9 (30)	474.4 (3)	90.2 (2)	8.9 (28)	-2.5 (5)	448.3 (26)	141.7 (23)	64.7 (19)	76.2 (8)	42.9 (32)	85.7 (23)	66.7 (16)
QKBP29 WARRAWEE PATROL P29	31.8 (1)	276.7 (2)	229.4 (24)	385.6 (13)	490.6 (3)		64.8 (23)	7.0 (1)	8.7 (1)	6.7 (5)	454.7 (10)	82.3 (26)	9.7 (19)	-2.9 (2)	439.5 (27)	137.7 (27)	64.9 (16)	80.0 (6)	71.4 (10)	78.6 (31)	55.6 (30)