



# PROGENY PERFORMANCE REPORT

## COHORT 7



### **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.  
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Shaun Uebergang, Pearsby Hall, Delungra, 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	RBY	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	RBY	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.

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>USA15719841</b> USA13880818 USA15151449	<b>A A R TEN X 7008 S A<sup>SV</sup></b> HBR	83	956	0	+5.0	+6.0	-4.8	+2.6	+57	+102	+135	+105	+20	+2.2	-4.5	+78	+7.6	-3.0	-6.5	+1.1	+2.3	+0.01	+7	+1.44	+1.02	+0.80	\$224	\$381
<b>NXOK41</b> USA15719841 NXOH87	<b>AJC K41<sup>PV</sup></b> APR	7	63	0	-11.0	+4.1	-9.3	+5.6	+63	+113	+154	+129	+14	+1.6	-5.9	+83	+11.1	-2.3	-4.6	+1.1	+2.3	-0.18	+13	+1.08	+0.88	+0.68	\$219	\$362
<b>HBUK267</b> HCAG015 HBUF158	<b>ANVIL KOKODA K267<sup>PV</sup></b> HBR	8	72	0	+2.4	+1.1	-7.7	+4.9	+53	+93	+120	+95	+25	+2.1	-4.9	+51	+2.5	-1.8	-2.7	-0.3	+3.6	-0.31	+22	+0.94	+0.96	+0.98	\$197	\$334
<b>HIOL21</b> VTMG555 HIOG13	<b>AYRVALE LEGACY L21<sup>PV</sup></b> HBR	14	100	0	-0.4	-15.0	-6.1	+3.8	+57	+105	+140	+131	+20	+0.2	-4.1	+95	+14.4	-2.6	-1.2	+1.6	+1.5	-0.07	+26	+1.18	+1.00	+1.04	\$211	\$355
<b>ECMK63</b> NZE14647008839 ECMH45	<b>BANNABY REALITY K63<sup>PV</sup></b> HBR	21	200	55	+4.3	+3.9	-3.4	+3.7	+45	+77	+101	+103	+11	+1.8	-1.7	+51	+5.9	-0.5	-1.3	+0.6	+1.1	-0.16	+40	+0.56	+1.06	+1.16	\$136	\$268
<b>ECMK173</b> USA16916944 BNAE159	<b>BANNABY RESERVE K173<sup>PV</sup></b> HBR	8	49	0	+1.5	-1.1	-5.0	+6.0	+50	+77	+108	+107	+7	+1.1	-5.1	+63	+7.8	-0.2	-1.8	+0.9	+2.0	-0.04	+27	+0.60	+0.84	+0.94	\$183	\$319
<b>NGXL8</b> NZE14647008839 AHWG106	<b>BONGONGO L8<sup>PV</sup></b> HBR	6	22	0	+9.0	+7.5	-6.1	+1.7	+47	+82	+107	+101	+17	+3.1	-3.9	+51	+4.3	+0.7	-3.1	+0.6	+3.3	+0.02	+10	+0.64	+0.96	+1.12	\$185	\$338
<b>HCAK72</b> HCAG020 HCAG111	<b>BOONAROO KERNAL K72<sup>PV</sup></b> HBR	7	70	0	+8.8	+8.3	-6.9	+1.9	+50	+105	+133	+130	+27	+1.8	-2.5	+92	+5.3	-3.7	-5.9	+1.3	-0.5	-0.36	+31	+0.74	+1.02	+1.12	\$152	\$327
<b>NGMK270</b> HIOE7 NGMH766	<b>BOOROOMOOKA KULGERA K270<sup>PV</sup></b> HBR	9	104	0	+6.1	+5.1	-4.3	+4.4	+55	+92	+131	+89	+23	+2.5	-7.7	+74	+8.0	-3.8	-5.3	+1.7	+2.1	+0.15	+23	+1.00	+0.76	+1.06	\$263	\$416
<b>SRKK306</b> NJWG279 TFAD58	<b>BOWMONT KING K306<sup>PV</sup></b> HBR	17	338	95	-0.7	-8.8	-5.5	+4.7	+51	+81	+106	+84	-2	-0.3	-5.1	+69	+15.9	-0.5	-1.8	+1.7	+5.1	+0.59	+27	+0.52	+0.94	+0.80	\$256	\$372
<b>AMQK57</b> NZE14647008839 NJGF39	<b>BROOKLANA M REALITY K57<sup>SV</sup></b> HBR	7	63	0	+6.7	+1.0	-5.9	+3.6	+56	+105	+138	+150	+14	+2.6	-1.8	+76	+6.6	+1.2	-4.4	+0.6	+2.0	+0.30	+16	+0.96	+1.08	+1.30	\$162	\$340
<b>HYEJ7</b> VTMB1 VSVG08	<b>CHELTHENHAM PARK BERKLEY J7<sup>PV</sup></b> HBR	9	120	0	-7.8	+0.4	-7.5	+9.2	+77	+129	+181	+189	+15	+3.6	-6.9	+100	+7.3	-0.6	-3.2	+0.9	+1.0	-0.26	-3	+1.26	+1.04	+0.94	\$225	\$424
<b>NBHK330</b> NJWG279 NBHH381	<b>CLUNIE RANGE KALUHA K330<sup>PV</sup></b> HBR	14	293	5	-0.7	-9.0	-6.0	+5.1	+53	+95	+124	+107	+18	+1.1	-7.3	+92	+10.3	+0.9	-0.5	+1.2	+3.1	+0.30	+3	+0.76	+0.98	+1.16	\$243	\$385
<b>NBHL348</b> NZE14647008839 AHWJ81	<b>CLUNIE RANGE LEGEND L348<sup>PV</sup></b> HBR	103	1317	91	-6.2	+4.4	-8.2	+6.2	+60	+103	+129	+157	+1	+3.0	-6.5	+64	+0.7	+3.6	+1.2	-0.8	+2.4	+0.07	+25	+0.48	+0.78	+1.28	\$166	\$343
<b>WDCK314</b> NAQA241 WDCD94	<b>COONAMBLE KEVIN K314<sup>PV</sup></b> HBR	11	342	96	-2.1	+1.8	-2.0	+5.3	+55	+105	+136	+116	+24	+4.2	-5.9	+90	+6.7	+0.3	+1.0	+0.1	+1.4	+0.30	+24	+0.48	+1.08	+1.22	\$204	\$360
<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 7

## 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>NGCL154</b> NGCH035 NGCH060	<b>DULVERTON LARRY L154</b> <sup>PV</sup> HBR	8	80	0	-1.7	+3.0	-8.3	+5.8	+48	+90	+131	+106	+22	+1.1	-3.9	+82	+3.9	-0.3	-0.7	+0.3	+0.9	+0.68	-5	+0.86	+1.02	+1.16	\$160	\$291
<b>WWEL3</b> HIOG18 WWEJ8	<b>ESSLEMONT LOTTO L3</b> <sup>PV</sup> HBR	127	1937	168	-4.8	-2.8	-5.7	+4.4	+59	+108	+139	+135	+20	+3.5	-9.4	+90	+14.5	+0.4	+1.2	+1.3	+3.8	+0.29	+16	+1.14	+1.02	+1.14	\$282	\$459
<b>USA16295688</b> USA13009379 USA15129456	<b>G A R PROPHET</b> <sup>SV</sup> HBR	129	3636	131	+3.3	+4.4	-1.0	+3.6	+66	+107	+132	+85	+25	+0.7	-6.9	+70	+3.6	-0.7	-1.2	-0.7	+4.7	+0.62	+27	+1.00	+0.82	+0.90	\$281	\$432
<b>USA17328461</b> USA16205036 USA16431932	<b>G A R SURE FIRE</b> <sup>SV</sup> HBR	50	1418	100	+7.7	+3.6	-3.3	+2.4	+51	+91	+110	+78	+18	+4.1	-6.8	+63	+7.6	-0.5	-0.3	+0.8	+3.2	-0.22	+28	+1.16	+0.90	+0.64	\$256	\$409
<b>ASRK7</b> USA16381311 NKLK14	<b>GATES KIPLING K7</b> <sup>PV</sup> HBR	9	86	0	+1.0	+3.8	-7.1	+5.5	+52	+93	+131	+111	+16	+5.4	-5.8	+62	+3.0	-0.3	-1.1	-0.6	+3.6	+0.45	-4	+0.92	+1.02	+0.80	\$190	\$345
<b>NFWL039</b> USA17220531 NFW59	<b>GLENAVON REVENUE L039</b> <sup>SV</sup> HBR	8	159	0	-4.3	+6.4	-7.2	+6.0	+51	+99	+128	+124	+29	+0.3	-2.4	+69	+7.9	-2.5	-3.6	+0.6	-0.2	-0.64	+8	+0.88	+0.96	+1.00	\$129	\$265
<b>QBGH221</b> BNAD145 QBGD80	<b>GLENOCH HINMAN H221</b> <sup>SV</sup> HBR	12	209	4	+4.3	-2.8	-3.4	+3.3	+54	+92	+127	+115	+21	+1.1	-3.8	+86	+6.3	-2.5	-5.2	+0.6	+5.3	-0.43	+16	+0.88	+0.80	+1.04	\$209	\$355
<b>DKKK15</b> USA16027094 NKLY21	<b>HARDHAT GM GRASS KING Y21 K15</b> HBR	7	51	0	-13.6	-6.3	-4.1	+5.9	+45	+80	+95	+65	+12	+0.5	-3.5	+47	+8.3	-0.4	+0.5	+0.9	+0.4	-0.34	+8	+1.10	+1.18	+1.04	\$136	\$198
<b>NHZJ140</b> NAQA241 NHZC33	<b>HAZELDEAN JAIPUR J140</b> <sup>SV</sup> HBR	9	680	19	+8.6	+8.1	-4.8	+2.0	+40	+74	+106	+83	+28	+3.3	-5.5	+71	+5.0	-1.1	-1.5	+1.0	+2.6	+1.12	+54	+0.28	+0.82	+1.02	\$195	\$339
<b>NKLL76</b> NKLJ82 NKLK225	<b>KANSAS JUDD L76</b> <sup>SV</sup> HBR	9	45	1	+0.5	+2.3	-3.1	+6.6	+57	+103	+140	+118	+20	+3.0	-3.7	+87	+6.6	-2.5	-0.2	+0.9	+2.9	-0.11	+35	+1.24	+1.14	+0.88	\$225	\$379
<b>KILK18</b> USA16417285 USA15107929	<b>KILLAIN ALASKA K18</b> <sup>PV</sup> HBR	12	48	2	-9.8	-5.8	+0.1	+7.0	+64	+121	+163	+172	+16	+3.8	-2.4	+89	+4.9	-2.8	-4.5	+0.9	-1.3	-0.76	+24	+1.18	+0.88	+0.98	\$112	\$269
<b>NMML133</b> USA17091363 NMMH49	<b>MILLAH MURRAH LOCH UP L133</b> <sup>PV</sup> HBR	113	1657	44	+4.9	+2.4	-6.0	+5.0	+58	+100	+133	+106	+25	+1.9	-1.8	+79	+2.0	-2.3	-4.1	-0.5	+1.8	-0.27	+35	+0.68	+1.06	+1.14	\$162	\$302
<b>NURL20</b> USA17314910 NURG34	<b>MURRAY DOWNLOAD L20</b> <sup>PV</sup> HBR	9	65	0	+1.2	+2.5	-1.6	+4.8	+40	+67	+87	+71	+15	+1.6	-4.7	+36	+5.2	-0.3	+0.7	+0.6	+3.7	+0.48	+24	+1.24	+1.06	+0.92	\$187	\$298
<b>SMPK22</b> SMPG357 SMPH756	<b>PATHFINDER COMPLETE K22</b> <sup>SV</sup> HBR	80	1038	44	+11.1	+10.5	-9.7	+0.7	+39	+73	+90	+39	+27	+3.0	-5.2	+49	+6.7	+4.2	+5.5	+0.1	+2.3	+0.46	+28	+0.46	+0.86	+0.66	\$230	\$352
<b>NORK835</b> NORG420 NORH514	<b>RENNYLEA K835</b> <sup>PV</sup> APR	9	349	16	-3.2	-4.7	-2.0	+6.6	+51	+91	+118	+98	+14	+3.2	-5.2	+56	+8.8	+0.6	-1.2	+0.3	+4.1	-0.14	+14	+0.66	+1.16	+1.08	\$204	\$331
<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 7

## January 2023 TransTasman Angus Cattle Evaluation

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	RBY	IMF	NFI-F	Doc	Claw	Angle	Leg	\$A	\$A-L
<b>NORK522</b>	<b>RENNYLEA KODAK K522<sup>SV</sup></b>				+10.6	+10.7	-5.4	+1.3	+46	+85	+111	+111	+10	+4.6	-6.7	+57	+4.2	+3.2	+1.6	-0.4	+4.1	+0.35	+7	+0.66	+0.86	+1.00	\$212	\$394
NORE11 NORF810	HBR	77	1593	274	92%	78%	99%	99%	98%	98%	98%	97%	96%	98%	70%	94%	93%	93%	93%	90%	93%	86%	95%	96%	96%	94%		
					2	1	39	6	68	66	65	32	96	2	8	78	76	3	17	92	9	72	97	14	22	38	38	15
<b>NZE19507013</b>	<b>STORTH OAKS JACK J7<sup>SV</sup></b>				+6.9	+9.6	-5.3	+4.8	+61	+113	+154	+139	+20	+3.3	-2.8	+85	+8.4	-0.4	-3.0	-0.3	+2.4	+0.20	+26	+0.96	+0.98	+0.94	\$201	\$390
VTME343 NZE19507111G183	HBR	14	331	28	86%	74%	98%	98%	97%	97%	97%	93%	90%	96%	66%	92%	91%	91%	92%	88%	92%	84%	95%	92%	92%	89%		
					16	2	41	67	9	5	3	6	26	12	91	7	25	57	90	89	41	53	24	72	51	20	50	17
<b>ELYH1</b>	<b>TRIO DOCKLANDS H1<sup>PV</sup></b>				+8.5	+3.1	-8.9	+2.1	+42	+82	+111	+73	+29	+2.8	-7.2	+69	-1.0	+2.6	+4.7	-0.8	+1.4	-0.46	+17	+0.80	+1.26	+1.10	\$195	\$337
QHED62 NKLD15	HBR	10	105	1	76%	64%	91%	94%	92%	92%	92%	88%	88%	87%	60%	87%	85%	85%	86%	83%	87%	77%	82%	83%	83%	78%		
					7	50	5	13	85	75	64	90	1	23	4	42	99	6	1	98	70	2	64	39	95	70	57	57
<b>NWPL4</b>	<b>WATTLETOP LOCK L4<sup>SV</sup></b>				-2.8	+0.3	-8.2	+6.2	+59	+106	+155	+149	+27	+1.6	-2.4	+100	+7.4	+1.4	+1.7	+0.3	+1.1	+0.09	+15	+1.10	+0.86	+0.80	\$174	\$333
USA15738589 NWPJ70	HBR	15	144	7	76%	64%	96%	96%	94%	95%	95%	90%	85%	93%	60%	90%	88%	88%	89%	84%	90%	80%	91%	84%	84%	79%		
					86	76	8	89	13	12	3	3	3	69	94	1	35	18	16	60	78	38	75	90	22	3	77	61
<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: 7 - Birth Weight (kg)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
A A R TEN X 7008 S A	USA15719841	31	38.2	18
AJC K41	NXOK41	23	38.6	25
ANVIL KOKODA K267	HBUK267	35	38.5	22
AYRVALE LEGACY L21	HIOL21	21	37.9	14
BANNABY REALITY K63	ECMK63	28	38.5	22
BANNABY RESERVE K173	ECMK173	32	38.6	25
BONGONGO L8	NGXL8	21	35.6	2
BOONAROO KERNAL K72	HCAK72	21	37.1	9
BOOROOMOOKA KULGERA K270	NGMK270	22	38.1	17
BOWMONT KING K306	SRKK306	31	37.5	12
BROOKLANA M REALITY K57	AMQK57	28	36.8	7
CHELTENHAM PARK BERKLEY J7	HYEJ7	29	40.4	33
CLUNIE RANGE KALUHA K330	NBHK330	38	38.3	20
CLUNIE RANGE LEGEND L348	NBHL348	18	38.7	29
COONAMBLE KEVIN K314	WDCK314	24	38.0	16
DULVERTON LARRY L154	NGCL154	23	38.3	20
ESSLEMONT LOTTO L3	WWEL3	31	37.2	10
G A R PROPHET	USA16295688	27	37.6	13
G A R SURE FIRE	USA17328461	31	36.6	5
GATES KIPLING K7	ASRK7	22	38.2	18
GLENAVON REVENUE L039	NFWL039	20	37.0	8
GLENOCH HINMAN H221	QBGH221	30	36.3	4
HARDHAT GM GRASS KING Y21 K15	DKKK15	28	39.3	32
HAZELDEAN JAIPUR J140	NHZJ140	34	36.6	5
KANSAS JUDD L76	NKLL76	26	38.5	22
KILLAIN ALASKA K18	KILK18	12	39.2	31
MILLAH MURRAH LOCH UP L133	NMML133	35	38.8	30
MURRAY DOWNLOAD L20	NURL20	33	37.9	14
PATHFINDER COMPLETE K22	SMPK22	31	34.7	1
RENNYLEA K835	NORK835	23	40.8	34
RENNYLEA KODAK K522	NORK522	29	36.0	3
STORTH OAKS JACK J7	NZE19507013J7	26	38.6	25
TRIO DOCKLANDS H1	ELYH1	21	37.4	11
WATTLETOP LOCK L4	NWPL4	18	38.6	25



## Angus Sire Benchmarking Program - Progeny Performance Report

### Cohort: 7 - Gestation Length (days)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
A A R TEN X 7008 S A	USA15719841	31	280.9	23
AJC K41	NXOK41	22	278.4	5
ANVIL KOKODA K267	HBUK267	34	279.5	9
AYRVALE LEGACY L21	HIOL21	21	280.1	16
BANNABY REALITY K63	ECMK63	27	281.3	28
BANNABY RESERVE K173	ECMK173	33	280.4	19
BONGONGO L8	NGXL8	20	278.7	6
BOONAROO KERNAL K72	HCAK72	21	279.6	13
BOOROOMOOKA KULGERA K270	NGMK270	22	280.8	22
BOWMONT KING K306	SRKK306	28	280.6	21
BROOKLANA M REALITY K57	AMQK57	28	279.5	9
CHELTENHAM PARK BERKLEY J7	HYEJ7	25	278.2	2
CLUNIE RANGE KALUHA K330	NBHK330	31	279.9	14
CLUNIE RANGE LEGEND L348	NBHL348	18	279.3	8
COONAMBLE KEVIN K314	WDCK314	23	281.2	25
DULVERTON LARRY L154	NGCL154	19	278.8	7
ESSLEMONT LOTTO L3	WWEL3	30	279.5	9
G A R PROPHET	USA16295688	21	282.8	33
G A R SURE FIRE	USA17328461	31	281.5	29
GATES KIPLING K7	ASRK7	22	280.1	16
GLENAVON REVENUE L039	NFWL039	18	279.5	9
GLENOCH HINMAN H221	QBGH221	29	281.2	25
HARDHAT GM GRASS KING Y21 K15	DKKK15	25	280.3	18
HAZELDEAN JAIPUR J140	NHZJ140	32	280.0	15
KANSAS JUDD L76	NKLL76	26	281.6	30
KILLAIN ALASKA K18	KILK18	10	283.0	34
MILLAH MURRAH LOCH UP L133	NMML133	33	280.4	19
MURRAY DOWNLOAD L20	NURL20	36	282.0	32
PATHFINDER COMPLETE K22	SMPK22	31	278.3	3
RENNYLEA K835	NORK835	23	281.7	31
RENNYLEA KODAK K522	NORK522	27	281.0	24
STORTH OAKS JACK J7	NZE19507013J7	25	281.2	25
TRIO DOCKLANDS H1	ELYH1	21	278.3	3
WATTLETOP LOCK L4	NWPL4	21	278.0	1



## Angus Sire Benchmarking Program - Progeny Performance Report

### Cohort: 7 - 200 Day Weight (kg)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
A A R TEN X 7008 S A	USA15719841	31	233.1	8
AJC K41	NXOK41	22	232.0	11
ANVIL KOKODA K267	HBUK267	32	234.4	5
AYRVALE LEGACY L21	HIOL21	21	234.7	4
BANNABY REALITY K63	ECMK63	27	230.1	14
BANNABY RESERVE K173	ECMK173	33	234.1	7
BONGONGO L8	NGXL8	22	228.9	17
BOONAROO KERNAL K72	HCAK72	20	228.9	17
BOOROOMOOKA KULGERA K270	NGMK270	21	235.5	3
BOWMONT KING K306	SRKK306	31	230.0	16
BROOKLANA M REALITY K57	AMQK57	28	234.4	5
CHELTENHAM PARK BERKLEY J7	HYEJ7	28	244.9	1
CLUNIE RANGE KALUHA K330	NBHK330	35	231.3	13
CLUNIE RANGE LEGEND L348	NBHL348	18	230.1	14
COONAMBLE KEVIN K314	WDCK314	23	225.9	27
DULVERTON LARRY L154	NGCL154	23	220.7	31
ESSLEMONT LOTTO L3	WWEL3	29	222.9	30
G A R PROPHET	USA16295688	22	232.3	10
G A R SURE FIRE	USA17328461	31	226.1	25
GATES KIPLING K7	ASRK7	21	231.9	12
GLENAVON REVENUE L039	NFWL039	21	224.2	29
GLENOCH HINMAN H221	QBGH221	30	226.4	22
HARDHAT GM GRASS KING Y21 K15	DKKK15	26	226.6	21
HAZELDEAN JAIPUR J140	NHZJ140	32	217.2	33
KANSAS JUDD L76	NKLL76	26	228.8	19
KILLAIN ALASKA K18	KILK18	10	226.0	26
MILLAH MURRAH LOCH UP L133	NMML133	35	240.4	2
MURRAY DOWNLOAD L20	NURL20	32	219.9	32
PATHFINDER COMPLETE K22	SMPK22	31	212.9	34
RENNYLEA K835	NORK835	22	226.3	24
RENNYLEA KODAK K522	NORK522	29	226.4	22
STORTH OAKS JACK J7	NZE19507013J7	25	232.4	9
TRIO DOCKLANDS H1	ELYH1	19	224.4	28
WATTLETOP LOCK L4	NWPL4	21	228.1	20



## Angus Sire Benchmarking Program - Progeny Performance Report

### Cohort: 7 - 400 Day Weight (kg)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
A A R TEN X 7008 S A	USA15719841	21	355.1	11
AJC K41	NXOK41	16	351.8	20
ANVIL KOKODA K267	HBUK267	30	356.0	9
AYRVALE LEGACY L21	HIOL21	17	366.2	3
BANNABY REALITY K63	ECMK63	24	347.1	24
BANNABY RESERVE K173	ECMK173	30	337.0	32
BONGONGO L8	NGXL8	18	345.9	27
BOONAROO KERNAL K72	HCAK72	16	358.2	7
BOOROOMOOKA KULGERA K270	NGMK270	17	352.4	16
BOWMONT KING K306	SRKK306	27	342.0	30
BROOKLANA M REALITY K57	AMQK57	20	363.5	4
CHELTENHAM PARK BERKLEY J7	HYEJ7	24	371.2	2
CLUNIE RANGE KALUHA K330	NBHK330	33	352.4	16
CLUNIE RANGE LEGEND L348	NBHL348	14	340.4	31
COONAMBLE KEVIN K314	WDCK314	19	352.2	18
DULVERTON LARRY L154	NGCL154	21	344.9	29
ESSLEMONT LOTTO L3	WWEL3	25	353.1	15
G A R PROPHET	USA16295688	17	358.0	8
G A R SURE FIRE	USA17328461	29	349.1	23
GATES KIPLING K7	ASRK7	18	349.9	22
GLENAVON REVENUE L039	NFWL039	17	355.6	10
GLENOCH HINMAN H221	QBGH221	26	346.9	25
HARDHAT GM GRASS KING Y21 K15	DKKK15	22	346.2	26
HAZELDEAN JAIPUR J140	NHZJ140	24	345.5	28
KANSAS JUDD L76	NKLL76	24	351.7	21
KILLAIN ALASKA K18	KILK18	9	354.0	12
MILLAH MURRAH LOCH UP L133	NMML133	28	360.5	5
MURRAY DOWNLOAD L20	NURL20	27	332.6	34
PATHFINDER COMPLETE K22	SMPK22	27	333.2	33
RENNYLEA K835	NORK835	20	352.0	19
RENNYLEA KODAK K522	NORK522	24	353.2	14
STORTH OAKS JACK J7	NZE19507013J7	21	376.4	1
TRIO DOCKLANDS H1	ELYH1	18	353.9	13
WATTLETOP LOCK L4	NWPL4	17	359.7	6



## Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 7 - 600 Day Weight (kg)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
A A R TEN X 7008 S A	USA15719841	17	584.4	9
AJC K41	NXOK41	16	580.8	11
ANVIL KOKODA K267	HBUK267	22	567.2	26
AYRVALE LEGACY L21	HIOL21	14	582.0	10
BANNABY REALITY K63	ECMK63	25	560.2	30
BANNABY RESERVE K173	ECMK173	22	557.7	31
BONGONGO L8	NGXL8	15	575.1	17
BOONAROO KERNAL K72	HCAK72	16	580.4	13
BOOROOMOOKA KULGERA K270	NGMK270	13	576.8	16
BOWMONT KING K306	SRKK306	23	563.1	29
BROOKLANA M REALITY K57	AMQK57	15	597.5	4
CHELTENHAM PARK BERKLEY J7	HYEJ7	20	608.8	2
CLUNIE RANGE KALUHA K330	NBHK330	29	572.9	22
CLUNIE RANGE LEGEND L348	NBHL348	13	573.9	21
COONAMBLE KEVIN K314	WDCK314	14	588.5	5
DULVERTON LARRY L154	NGCL154	21	577.9	14
ESSLEMONT LOTTO L3	WWEL3	23	563.4	27
G A R PROPHET	USA16295688	11	574.0	20
G A R SURE FIRE	USA17328461	25	575.1	17
GATES KIPLING K7	ASRK7	14	586.0	6
GLENAVON REVENUE L039	NFWL039	15	568.8	25
GLENOCH HINMAN H221	QBGH221	20	571.8	23
HARDHAT GM GRASS KING Y21 K15	DKKK15	19	549.9	33
HAZELDEAN JAIPUR J140	NHZJ140	19	569.3	24
KANSAS JUDD L76	NKLL76	24	574.8	19
KILLAIN ALASKA K18	KILK18	9	584.5	8
MILLAH MURRAH LOCH UP L133	NMML133	28	584.9	7
MURRAY DOWNLOAD L20	NURL20	23	552.2	32
PATHFINDER COMPLETE K22	SMPK22	27	543.4	34
RENNYLEA K835	NORK835	19	577.6	15
RENNYLEA KODAK K522	NORK522	22	563.2	28
STORTH OAKS JACK J7	NZE19507013J7	19	609.0	1
TRIO DOCKLANDS H1	ELYH1	13	580.5	12
WATTLETOP LOCK L4	NWPL4	16	599.3	3



## Angus Sire Benchmarking Program - Progeny Performance Report

### Cohort: 7 - Days to Calving (heifers) (days)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
A A R TEN X 7008 S A	USA15719841	13	307.4	13
AJC K41	NXOK41	7	303.2	8
ANVIL KOKODA K267	HBUK267	14	311.1	18
AYRVALE LEGACY L21	HIOL21	6	306.2	11
BANNABY REALITY K63	ECMK63	6	322.4	33
BANNABY RESERVE K173	ECMK173	13	307.8	16
BONGONGO L8	NGXL8	9	311.5	19
BOONAROO KERNAL K72	HCAK72	7	321.5	32
BOOROOMOOKA KULGERA K270	NGMK270	7	292.0	2
BOWMONT KING K306	SRKK306	4	307.5	15
BROOKLANA M REALITY K57	AMQK57	10	318.8	30
CHELTENHAM PARK BERKLEY J7	HYEJ7	8	311.5	19
CLUNIE RANGE KALUHA K330	NBHK330	13	299.7	5
CLUNIE RANGE LEGEND L348	NBHL348	4	300.5	6
COONAMBLE KEVIN K314	WDCK314	7	307.4	13
DULVERTON LARRY L154	NGCL154	5	297.6	3
ESSLEMONT LOTTO L3	WWEL3	8	301.3	7
G A R PROPHET	USA16295688	7	297.6	3
G A R SURE FIRE	USA17328461	13	318.2	28
GATES KIPLING K7	ASRK7	9	306.4	12
GLENAVON REVENUE L039	NFWL039	5	317.5	27
GLENOCH HINMAN H221	QBGH221	13	315.9	25
HARDHAT GM GRASS KING Y21 K15	DKKK15	10	305.3	10
HAZELDEAN JAIPUR J140	NHZJ140	8	321.1	31
KANSAS JUDD L76	NKLL76	6	316.7	26
KILLAIN ALASKA K18	KILK18	2	291.5	1
MILLAH MURRAH LOCH UP L133	NMML133	15	314.4	22
MURRAY DOWNLOAD L20	NURL20	13	318.2	28
PATHFINDER COMPLETE K22	SMPK22	9	312.3	21
RENNYLEA K835	NORK835	9	315.8	24
RENNYLEA KODAK K522	NORK522	8	315.6	23
STORTH OAKS JACK J7	NZE19507013J7	4	304.5	9
TRIO DOCKLANDS H1	ELYH1	6	309.5	17
WATTLETOP LOCK L4	NWPL4	6	322.5	34



## Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 7 - Scan EMA (sq cm)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
A A R TEN X 7008 S A	USA15719841	23	56.4	15
AJC K41	NXOK41	21	58.2	5
ANVIL KOKODA K267	HBUK267	31	55.6	21
AYRVALE LEGACY L21	HIOL21	19	58.8	1
BANNABY REALITY K63	ECMK63	27	55.4	24
BANNABY RESERVE K173	ECMK173	31	54.9	30
BONGONGO L8	NGXL8	20	55.0	29
BOONAROO KERNAL K72	HCAK72	20	57.2	11
BOOROOMOOKA KULGERA K270	NGMK270	17	55.9	19
BOWMONT KING K306	SRKK306	28	56.3	17
BROOKLANA M REALITY K57	AMQK57	25	55.1	27
CHELTENHAM PARK BERKLEY J7	HYEJ7	27	58.3	4
CLUNIE RANGE KALUHA K330	NBHK330	34	56.9	12
CLUNIE RANGE LEGEND L348	NBHL348	16	55.4	24
COONAMBLE KEVIN K314	WDCK314	20	57.9	7
DULVERTON LARRY L154	NGCL154	23	53.7	34
ESSLEMONT LOTTO L3	WWEL3	27	58.6	2
G A R PROPHET	USA16295688	17	56.5	14
G A R SURE FIRE	USA17328461	30	56.6	13
GATES KIPLING K7	ASRK7	18	56.2	18
GLENAVON REVENUE L039	NFWL039	19	57.4	9
GLENOCH HINMAN H221	QBGH221	30	55.9	19
HARDHAT GM GRASS KING Y21 K15	DKKK15	25	58.6	2
HAZELDEAN JAIPUR J140	NHZJ140	24	56.4	15
KANSAS JUDD L76	NKLL76	25	55.1	27
KILLAIN ALASKA K18	KILK18	10	55.6	21
MILLAH MURRAH LOCH UP L133	NMML133	33	55.2	26
MURRAY DOWNLOAD L20	NURL20	29	54.8	32
PATHFINDER COMPLETE K22	SMPK22	31	55.6	21
RENNYLEA K835	NORK835	22	57.3	10
RENNYLEA KODAK K522	NORK522	27	54.8	32
STORTH OAKS JACK J7	NZE19507013J7	25	58.0	6
TRIO DOCKLANDS H1	ELYH1	17	54.9	30
WATTLETOP LOCK L4	NWPL4	21	57.8	8





## Angus Sire Benchmarking Program - Progeny Performance Report

### Cohort: 7 - Scan Rib Fat (mm)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
A A R TEN X 7008 S A	USA15719841	23	3.6	33
AJC K41	NXOK41	21	4.1	23
ANVIL KOKODA K267	HBUK267	31	4.3	20
AYRVALE LEGACY L21	HIOL21	19	4.3	20
BANNABY REALITY K63	ECMK63	27	3.9	29
BANNABY RESERVE K173	ECMK173	31	4.0	27
BONGONGO L8	NGXL8	20	4.6	12
BOONAROO KERNAL K72	HCAK72	20	3.9	29
BOOROOMOOKA KULGERA K270	NGMK270	17	3.8	31
BOWMONT KING K306	SRKK306	28	4.3	20
BROOKLANA M REALITY K57	AMQK57	26	4.4	18
CHELTENHAM PARK BERKLEY J7	HYEJ7	27	4.5	16
CLUNIE RANGE KALUHA K330	NBHK330	34	4.8	6
CLUNIE RANGE LEGEND L348	NBHL348	16	4.8	6
COONAMBLE KEVIN K314	WDCK314	20	4.9	5
DULVERTON LARRY L154	NGCL154	23	4.1	23
ESSLEMONT LOTTO L3	WWEL3	27	5.1	4
G A R PROPHET	USA16295688	17	4.7	10
G A R SURE FIRE	USA17328461	30	4.5	16
GATES KIPLING K7	ASRK7	19	4.1	23
GLENAVON REVENUE L039	NFWL039	19	3.7	32
GLENOCH HINMAN H221	QBGH221	30	4.6	12
HARDHAT GM GRASS KING Y21 K15	DKKK15	26	4.8	6
HAZELDEAN JAIPUR J140	NHZJ140	24	4.0	27
KANSAS JUDD L76	NKLL76	25	4.6	12
KILLAIN ALASKA K18	KILK18	10	3.4	34
MILLAH MURRAH LOCH UP L133	NMML133	33	4.1	23
MURRAY DOWNLOAD L20	NURL20	30	4.4	18
PATHFINDER COMPLETE K22	SMPK22	31	5.2	3
RENNYLEA K835	NORK835	22	4.8	6
RENNYLEA KODAK K522	NORK522	26	5.5	1
STORTH OAKS JACK J7	NZE19507013J7	25	4.6	12
TRIO DOCKLANDS H1	ELYH1	17	5.4	2
WATTLETOP LOCK L4	NWPL4	20	4.7	10



## Angus Sire Benchmarking Program - Progeny Performance Report

### Cohort: 7 - Scan Rump Fat (mm)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
A A R TEN X 7008 S A	USA15719841	23	4.9	34
AJC K41	NXOK41	21	5.2	28
ANVIL KOKODA K267	HBUK267	31	5.2	28
AYRVALE LEGACY L21	HIOL21	18	6.7	7
BANNABY REALITY K63	ECMK63	27	5.6	25
BANNABY RESERVE K173	ECMK173	31	5.5	27
BONGONGO L8	NGXL8	20	6.1	14
BOONAROO KERNAL K72	HCAK72	20	5.7	22
BOOROOMOOKA KULGERA K270	NGMK270	17	5.2	28
BOWMONT KING K306	SRKK306	28	5.9	20
BROOKLANA M REALITY K57	AMQK57	26	5.6	25
CHELTENHAM PARK BERKLEY J7	HYEJ7	26	5.7	22
CLUNIE RANGE KALUHA K330	NBHK330	34	7.3	1
CLUNIE RANGE LEGEND L348	NBHL348	16	6.1	14
COONAMBLE KEVIN K314	WDCK314	20	7.1	2
DULVERTON LARRY L154	NGCL154	23	5.7	22
ESSLEMONT LOTTO L3	WWEL3	27	7.0	3
G A R PROPHET	USA16295688	17	6.3	10
G A R SURE FIRE	USA17328461	30	6.1	14
GATES KIPLING K7	ASRK7	19	5.9	20
GLENAVON REVENUE L039	NFWL039	19	5.1	32
GLENOCH HINMAN H221	QBGH221	30	6.1	14
HARDHAT GM GRASS KING Y21 K15	DKKK15	26	6.4	9
HAZELDEAN JAIPUR J140	NHZJ140	24	5.2	28
KANSAS JUDD L76	NKLL76	25	6.3	10
KILLAIN ALASKA K18	KILK18	9	5.1	32
MILLAH MURRAH LOCH UP L133	NMML133	33	6.2	12
MURRAY DOWNLOAD L20	NURL20	30	6.1	14
PATHFINDER COMPLETE K22	SMPK22	30	6.8	4
RENNYLEA K835	NORK835	22	6.8	4
RENNYLEA KODAK K522	NORK522	26	6.7	7
STORTH OAKS JACK J7	NZE19507013J7	25	6.2	12
TRIO DOCKLANDS H1	ELYH1	15	6.8	4
WATTLETOP LOCK L4	NWPL4	19	6.1	14



## Angus Sire Benchmarking Program - Progeny Performance Report

### Cohort: 7 - Scan IMF (%)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
A A R TEN X 7008 S A	USA15719841	23	5.4	7
AJC K41	NXOK41	21	5.4	7
ANVIL KOKODA K267	HBUK267	31	5.2	18
AYRVALE LEGACY L21	HIOL21	19	5.2	18
BANNABY REALITY K63	ECMK63	27	5.0	23
BANNABY RESERVE K173	ECMK173	31	4.8	31
BONGONGO L8	NGXL8	20	5.3	14
BOONAROO KERNAL K72	HCAK72	20	4.8	31
BOOROOMOOKA KULGERA K270	NGMK270	17	4.9	26
BOWMONT KING K306	SRKK306	28	5.4	7
BROOKLANA M REALITY K57	AMQK57	26	4.9	26
CHELTENHAM PARK BERKLEY J7	HYEJ7	27	5.2	18
CLUNIE RANGE KALUHA K330	NBHK330	34	5.5	5
CLUNIE RANGE LEGEND L348	NBHL348	16	4.9	26
COONAMBLE KEVIN K314	WDCK314	20	5.3	14
DULVERTON LARRY L154	NGCL154	23	5.0	23
ESSLEMONT LOTTO L3	WWEL3	27	5.7	1
G A R PROPHET	USA16295688	17	5.6	3
G A R SURE FIRE	USA17328461	30	5.3	14
GATES KIPLING K7	ASRK7	19	4.9	26
GLENAVON REVENUE L039	NFWL039	19	4.7	33
GLENOCH HINMAN H221	QBGH221	30	5.5	5
HARDHAT GM GRASS KING Y21 K15	DKKK15	26	5.3	14
HAZELDEAN JAIPUR J140	NHZJ140	24	5.0	23
KANSAS JUDD L76	NKLL76	25	5.4	7
KILLAIN ALASKA K18	KILK18	10	4.4	34
MILLAH MURRAH LOCH UP L133	NMML133	33	5.2	18
MURRAY DOWNLOAD L20	NURL20	30	4.9	26
PATHFINDER COMPLETE K22	SMPK22	31	5.7	1
RENNYLEA K835	NORK835	22	5.6	3
RENNYLEA KODAK K522	NORK522	27	5.4	7
STORTH OAKS JACK J7	NZE19507013J7	25	5.4	7
TRIO DOCKLANDS H1	ELYH1	17	5.1	22
WATTLETOP LOCK L4	NWPL4	21	5.4	7



## Angus Sire Benchmarking Program - Progeny Performance Report

### Cohort: 7 - Carcase Weight (kg)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
A A R TEN X 7008 S A	USA15719841	7	439.3	5
AJC K41	NXOK41	11	414.5	25
ANVIL KOKODA K267	HBUK267	16	402.1	31
AYRVALE LEGACY L21	HIOL21	8	441.8	3
BANNABY REALITY K63	ECMK63	17	413.2	27
BANNABY RESERVE K173	ECMK173	15	412.9	28
BONGONGO L8	NGXL8	9	410.3	30
BOONAROO KERNAL K72	HCAK72	10	435.2	9
BOOROOMOOKA KULGERA K270	NGMK270	8	415.9	22
BOWMONT KING K306	SRKK306	19	415.9	22
BROOKLANA M REALITY K57	AMQK57	11	437.7	7
CHELTENHAM PARK BERKLEY J7	HYEJ7	16	438.2	6
CLUNIE RANGE KALUHA K330	NBHK330	20	435.5	8
CLUNIE RANGE LEGEND L348	NBHL348	10	424.4	17
COONAMBLE KEVIN K314	WDCK314	10	443.0	2
DULVERTON LARRY L154	NGCL154	16	431.4	12
ESSLEMONT LOTTO L3	WWEL3	18	418.3	21
G A R PROPHET	USA16295688	9	427.4	13
G A R SURE FIRE	USA17328461	16	419.2	20
GATES KIPLING K7	ASRK7	9	424.7	14
GLENAVON REVENUE L039	NFWL039	12	411.1	29
GLENOCH HINMAN H221	QBGH221	12	422.9	18
HARDHAT GM GRASS KING Y21 K15	DKKK15	13	399.2	32
HAZELDEAN JAIPUR J140	NHZJ140	14	424.7	14
KANSAS JUDD L76	NKLL76	18	424.6	16
KILLAIN ALASKA K18	KILK18	7	421.9	19
MILLAH MURRAH LOCH UP L133	NMML133	17	431.5	11
MURRAY DOWNLOAD L20	NURL20	15	392.8	34
PATHFINDER COMPLETE K22	SMPK22	17	398.8	33
RENNYLEA K835	NORK835	10	415.4	24
RENNYLEA KODAK K522	NORK522	15	414.3	26
STORTH OAKS JACK J7	NZE19507013J7	17	441.5	4
TRIO DOCKLANDS H1	ELYH1	10	433.6	10
WATTLETOP LOCK L4	NWPL4	12	448.2	1



Angus Sire Benchmarking Program - Progeny Performance Report  
Cohort: 7 - Carcase EMA (sq cm)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
A A R TEN X 7008 S A	USA15719841	7	92.2	12
AJC K41	NXOK41	10	93.5	5
ANVIL KOKODA K267	HBUK267	16	88.1	32
AYRVALE LEGACY L21	HIOL21	8	98.0	1
BANNABY REALITY K63	ECMK63	16	92.5	9
BANNABY RESERVE K173	ECMK173	12	92.8	7
BONGONGO L8	NGXL8	9	87.6	34
BOONAROO KERNAL K72	HCAK72	10	92.5	9
BOOROOMOOKA KULGERA K270	NGMK270	8	92.4	11
BOWMONT KING K306	SRKK306	19	94.2	3
BROOKLANA M REALITY K57	AMQK57	11	91.6	16
CHELTENHAM PARK BERKLEY J7	HYEJ7	16	89.7	23
CLUNIE RANGE KALUHA K330	NBHK330	18	94.1	4
CLUNIE RANGE LEGEND L348	NBHL348	10	90.1	20
COONAMBLE KEVIN K314	WDCK314	10	90.0	21
DULVERTON LARRY L154	NGCL154	14	89.4	24
ESSLEMONT LOTTO L3	WWEL3	18	94.5	2
G A R PROPHET	USA16295688	9	89.8	22
G A R SURE FIRE	USA17328461	16	89.0	27
GATES KIPLING K7	ASRK7	9	88.7	30
GLENAVON REVENUE L039	NFWL039	12	92.9	6
GLENOCH HINMAN H221	QBGH221	12	92.7	8
HARDHAT GM GRASS KING Y21 K15	DKKK15	13	89.4	24
HAZELDEAN JAIPUR J140	NHZJ140	14	91.4	17
KANSAS JUDD L76	NKLL76	18	88.9	29
KILLAIN ALASKA K18	KILK18	7	89.0	27
MILLAH MURRAH LOCH UP L133	NMML133	17	90.2	19
MURRAY DOWNLOAD L20	NURL20	15	88.5	31
PATHFINDER COMPLETE K22	SMPK22	15	89.3	26
RENNYLEA K835	NORK835	10	87.9	33
RENNYLEA KODAK K522	NORK522	13	91.8	15
STORTH OAKS JACK J7	NZE19507013J7	17	92.1	13
TRIO DOCKLANDS H1	ELYH1	10	90.4	18
WATTLETOP LOCK L4	NWPL4	12	92.1	13



## Angus Sire Benchmarking Program - Progeny Performance Report

### Cohort: 7 - Carcase Rump Fat (mm)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
A A R TEN X 7008 S A	USA15719841	7	17.4	34
AJC K41	NXOK41	11	21.7	23
ANVIL KOKODA K267	HBUK267	16	22.0	21
AYRVALE LEGACY L21	HIOL21	8	25.4	5
BANNABY REALITY K63	ECMK63	17	22.0	21
BANNABY RESERVE K173	ECMK173	15	22.4	19
BONGONGO L8	NGXL8	9	20.8	27
BOONAROO KERNAL K72	HCAK72	11	18.6	32
BOOROOMOOKA KULGERA K270	NGMK270	8	19.3	30
BOWMONT KING K306	SRKK306	19	22.9	17
BROOKLANA M REALITY K57	AMQK57	11	18.5	33
CHELTENHAM PARK BERKLEY J7	HYEJ7	16	22.8	18
CLUNIE RANGE KALUHA K330	NBHK330	20	23.3	12
CLUNIE RANGE LEGEND L348	NBHL348	10	24.4	9
COONAMBLE KEVIN K314	WDCK314	10	23.1	15
DULVERTON LARRY L154	NGCL154	16	22.4	19
ESSLEMONT LOTTO L3	WWEL3	18	24.0	10
G A R PROPHET	USA16295688	9	21.1	26
G A R SURE FIRE	USA17328461	16	25.9	4
GATES KIPLING K7	ASRK7	9	23.9	11
GLENAVON REVENUE L039	NFWL039	12	23.2	13
GLENOCH HINMAN H221	QBGH221	12	19.9	29
HARDHAT GM GRASS KING Y21 K15	DKKK15	13	23.2	13
HAZELDEAN JAIPUR J140	NHZJ140	14	20.4	28
KANSAS JUDD L76	NKLL76	18	26.3	3
KILLAIN ALASKA K18	KILK18	7	19.3	30
MILLAH MURRAH LOCH UP L133	NMML133	17	21.4	24
MURRAY DOWNLOAD L20	NURL20	15	24.5	8
PATHFINDER COMPLETE K22	SMPK22	17	27.9	1
RENNYLEA K835	NORK835	10	23.1	15
RENNYLEA KODAK K522	NORK522	15	24.7	7
STORTH OAKS JACK J7	NZE19507013J7	17	21.4	24
TRIO DOCKLANDS H1	ELYH1	10	27.1	2
WATTLETOP LOCK L4	NWPL4	12	25.3	6



## Angus Sire Benchmarking Program - Progeny Performance Report

### Cohort: 7 - Carcase Rib Fat (mm)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
A A R TEN X 7008 S A	USA15719841	7	12.3	31
AJC K41	NXOK41	10	13.6	20
ANVIL KOKODA K267	HBUK267	16	14.1	13
AYRVALE LEGACY L21	HIOL21	8	12.5	30
BANNABY REALITY K63	ECMK63	16	13.4	22
BANNABY RESERVE K173	ECMK173	12	13.9	16
BONGONGO L8	NGXL8	9	15.3	6
BOONAROO KERNAL K72	HCAK72	10	11.9	33
BOOROOMOOKA KULGERA K270	NGMK270	8	13.1	25
BOWMONT KING K306	SRKK306	19	14.2	12
BROOKLANA M REALITY K57	AMQK57	11	16.7	3
CHELTENHAM PARK BERKLEY J7	HYEJ7	16	14.3	10
CLUNIE RANGE KALUHA K330	NBHK330	18	15.3	6
CLUNIE RANGE LEGEND L348	NBHL348	10	17.1	1
COONAMBLE KEVIN K314	WDCK314	10	12.9	26
DULVERTON LARRY L154	NGCL154	14	13.7	19
ESSLEMONT LOTTO L3	WWEL3	18	14.0	14
G A R PROPHET	USA16295688	9	12.9	26
G A R SURE FIRE	USA17328461	16	13.6	20
GATES KIPLING K7	ASRK7	9	15.7	5
GLENAVON REVENUE L039	NFWL039	12	13.9	16
GLENOCH HINMAN H221	QBGH221	12	11.6	34
HARDHAT GM GRASS KING Y21 K15	DKKK15	13	13.9	16
HAZELDEAN JAIPUR J140	NHZJ140	14	12.2	32
KANSAS JUDD L76	NKLL76	18	13.3	23
KILLAIN ALASKA K18	KILK18	7	12.9	26
MILLAH MURRAH LOCH UP L133	NMML133	17	12.8	29
MURRAY DOWNLOAD L20	NURL20	15	14.3	10
PATHFINDER COMPLETE K22	SMPK22	15	16.9	2
RENNYLEA K835	NORK835	10	14.7	8
RENNYLEA KODAK K522	NORK522	13	16.6	4
STORTH OAKS JACK J7	NZE19507013J7	17	13.2	24
TRIO DOCKLANDS H1	ELYH1	10	14.5	9
WATTLETOP LOCK L4	NWPL4	12	14.0	14



## Angus Sire Benchmarking Program - Progeny Performance Report

### Cohort: 7 - Carcase IMF (%)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
A A R TEN X 7008 S A	USA15719841	7	8.2	20
AJC K41	NXOK41	11	9.0	13
ANVIL KOKODA K267	HBUK267	16	9.5	8
AYRVALE LEGACY L21	HIOL21	8	7.7	25
BANNABY REALITY K63	ECMK63	17	7.4	29
BANNABY RESERVE K173	ECMK173	14	8.4	17
BONGONGO L8	NGXL8	9	8.6	14
BOONAROO KERNAL K72	HCAK72	11	6.0	34
BOOROOMOOKA KULGERA K270	NGMK270	8	8.1	21
BOWMONT KING K306	SRKK306	19	11.6	1
BROOKLANA M REALITY K57	AMQK57	11	8.3	18
CHELTENHAM PARK BERKLEY J7	HYEJ7	16	7.5	28
CLUNIE RANGE KALUHA K330	NBHK330	20	8.6	14
CLUNIE RANGE LEGEND L348	NBHL348	10	7.4	29
COONAMBLE KEVIN K314	WDCK314	10	8.3	18
DULVERTON LARRY L154	NGCL154	15	7.8	24
ESSLEMONT LOTTO L3	WWEL3	18	9.7	5
G A R PROPHET	USA16295688	9	11.1	2
G A R SURE FIRE	USA17328461	16	9.1	12
GATES KIPLING K7	ASRK7	9	9.7	5
GLENAVON REVENUE L039	NFWL039	12	8.0	22
GLENOCH HINMAN H221	QBGH221	12	10.2	3
HARDHAT GM GRASS KING Y21 K15	DKKK15	13	8.0	22
HAZELDEAN JAIPUR J140	NHZJ140	14	8.5	16
KANSAS JUDD L76	NKLL76	18	9.6	7
KILLAIN ALASKA K18	KILK18	7	6.2	33
MILLAH MURRAH LOCH UP L133	NMML133	17	7.7	25
MURRAY DOWNLOAD L20	NURL20	15	9.4	9
PATHFINDER COMPLETE K22	SMPK22	16	9.4	9
RENNYLEA K835	NORK835	10	10.1	4
RENNYLEA KODAK K522	NORK522	14	9.2	11
STORTH OAKS JACK J7	NZE19507013J7	17	7.6	27
TRIO DOCKLANDS H1	ELYH1	10	7.1	31
WATTLETOP LOCK L4	NWPL4	12	7.1	31





## Angus Sire Benchmarking Program - Progeny Performance Report

### Cohort: 7 - Net Feed Intake (kg/day)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
A A R TEN X 7008 S A	USA15719841	6	-3.4	20
AJC K41	NXOK41	10	-3.5	16
ANVIL KOKODA K267	HBUK267	17	-3.8	6
AYRVALE LEGACY L21	HIOL21	7	-3.4	20
BANNABY REALITY K63	ECMK63	17	-3.6	13
BANNABY RESERVE K173	ECMK173	15	-3.5	16
BONGONGO L8	NGXL8	9	-3.6	13
BOONAROO KERNAL K72	HCAK72	10	-3.8	6
BOOROOMOOKA KULGERA K270	NGMK270	7	-2.9	31
BOWMONT KING K306	SRKK306	18	-3.1	29
BROOKLANA M REALITY K57	AMQK57	11	-3.3	24
CHELTENHAM PARK BERKLEY J7	HYEJ7	16	-3.8	6
CLUNIE RANGE KALUHA K330	NBHK330	19	-3.3	24
CLUNIE RANGE LEGEND L348	NBHL348	9	-3.3	24
COONAMBLE KEVIN K314	WDCK314	9	-3.7	10
DULVERTON LARRY L154	NGCL154	14	-2.8	34
ESSLEMONT LOTTO L3	WWEL3	18	-3.2	28
G A R PROPHET	USA16295688	8	-3.5	16
G A R SURE FIRE	USA17328461	15	-3.9	3
GATES KIPLING K7	ASRK7	8	-3.7	10
GLENAVON REVENUE L039	NFWL039	10	-3.8	6
GLENOCH HINMAN H221	QBGH221	13	-3.9	3
HARDHAT GM GRASS KING Y21 K15	DKKK15	13	-3.7	10
HAZELDEAN JAIPUR J140	NHZJ140	14	-2.9	31
KANSAS JUDD L76	NKLL76	16	-3.5	16
KILLAIN ALASKA K18	KILK18	7	-4.7	1
MILLAH MURRAH LOCH UP L133	NMML133	16	-3.6	13
MURRAY DOWNLOAD L20	NURL20	16	-3.0	30
PATHFINDER COMPLETE K22	SMPK22	17	-3.4	20
RENNYLEA K835	NORK835	10	-3.9	3
RENNYLEA KODAK K522	NORK522	15	-2.9	31
STORTH OAKS JACK J7	NZE19507013J7	15	-3.3	24
TRIO DOCKLANDS H1	ELYH1	10	-4.4	2
WATTLETOP LOCK L4	NWPL4	11	-3.4	20



## Angus Sire Benchmarking Program - Progeny Performance Report

### Cohort: 7 - MSA Marble Score (Score)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
A A R TEN X 7008 S A	USA15719841	7	523.1	7
AJC K41	NXOK41	11	474.6	23
ANVIL KOKODA K267	HBUK267	16	508.5	13
AYRVALE LEGACY L21	HIOL21	8	512.0	10
BANNABY REALITY K63	ECMK63	17	427.9	32
BANNABY RESERVE K173	ECMK173	15	513.3	9
BONGONGO L8	NGXL8	9	509.3	12
BOONAROO KERNAL K72	HCAK72	11	398.5	34
BOOROOMOOKA KULGERA K270	NGMK270	8	461.4	25
BOWMONT KING K306	SRKK306	19	593.0	1
BROOKLANA M REALITY K57	AMQK57	11	482.9	19
CHELTENHAM PARK BERKLEY J7	HYEJ7	16	491.2	17
CLUNIE RANGE KALUHA K330	NBHK330	20	482.7	20
CLUNIE RANGE LEGEND L348	NBHL348	10	481.1	21
COONAMBLE KEVIN K314	WDCK314	10	417.9	33
DULVERTON LARRY L154	NGCL154	16	457.9	26
ESSLEMONT LOTTO L3	WWEL3	18	542.8	4
G A R PROPHET	USA16295688	9	552.8	2
G A R SURE FIRE	USA17328461	16	506.8	14
GATES KIPLING K7	ASRK7	9	535.9	6
GLENAVON REVENUE L039	NFWL039	12	432.3	30
GLENOCH HINMAN H221	QBGH221	12	537.1	5
HARDHAT GM GRASS KING Y21 K15	DKKK15	13	452.6	29
HAZELDEAN JAIPUR J140	NHZJ140	14	501.1	15
KANSAS JUDD L76	NKLL76	18	509.8	11
KILLAIN ALASKA K18	KILK18	7	453.6	27
MILLAH MURRAH LOCH UP L133	NMML133	17	474.4	24
MURRAY DOWNLOAD L20	NURL20	15	547.4	3
PATHFINDER COMPLETE K22	SMPK22	17	493.6	16
RENNYLEA K835	NORK835	10	483.1	18
RENNYLEA KODAK K522	NORK522	15	517.7	8
STORTH OAKS JACK J7	NZE19507013J7	17	453.2	28
TRIO DOCKLANDS H1	ELYH1	10	432.1	31
WATTLETOP LOCK L4	NWPL4	12	480.3	22



## Angus Sire Benchmarking Program - Progeny Performance Report

### Cohort: 7 - MSA Ossification (Score)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
A A R TEN X 7008 S A	USA15719841	6	131.3	5
AJC K41	NXOK41	11	138.6	22
ANVIL KOKODA K267	HBUK267	16	133.0	6
AYRVALE LEGACY L21	HIOL21	8	135.6	13
BANNABY REALITY K63	ECMK63	17	135.2	11
BANNABY RESERVE K173	ECMK173	15	128.0	2
BONGONGO L8	NGXL8	9	142.1	31
BOONAROO KERNAL K72	HCAK72	9	140.7	29
BOOROOMOOKA KULGERA K270	NGMK270	8	136.6	16
BOWMONT KING K306	SRKK306	18	138.9	23
BROOKLANA M REALITY K57	AMQK57	11	138.0	20
CHELTENHAM PARK BERKLEY J7	HYEJ7	15	137.5	19
CLUNIE RANGE KALUHA K330	NBHK330	19	140.9	30
CLUNIE RANGE LEGEND L348	NBHL348	9	133.4	7
COONAMBLE KEVIN K314	WDCK314	10	140.0	26
DULVERTON LARRY L154	NGCL154	14	137.0	18
ESSLEMONT LOTTO L3	WWEL3	18	136.3	15
G A R PROPHET	USA16295688	9	140.3	28
G A R SURE FIRE	USA17328461	15	139.5	25
GATES KIPLING K7	ASRK7	8	154.0	34
GLENAVON REVENUE L039	NFWL039	11	135.4	12
GLENOCH HINMAN H221	QBGH221	12	136.6	16
HARDHAT GM GRASS KING Y21 K15	DKKK15	13	128.6	3
HAZELDEAN JAIPUR J140	NHZJ140	14	139.2	24
KANSAS JUDD L76	NKLL76	17	140.0	26
KILLAIN ALASKA K18	KILK18	7	130.4	4
MILLAH MURRAH LOCH UP L133	NMML133	17	127.9	1
MURRAY DOWNLOAD L20	NURL20	15	135.8	14
PATHFINDER COMPLETE K22	SMPK22	17	133.9	8
RENNYLEA K835	NORK835	10	143.9	33
RENNYLEA KODAK K522	NORK522	15	142.1	31
STORTH OAKS JACK J7	NZE19507013J7	17	134.3	9
TRIO DOCKLANDS H1	ELYH1	10	138.4	21
WATTLETOP LOCK L4	NWPL4	12	134.6	10



## Angus Sire Benchmarking Program - Progeny Performance Report

### Cohort: 7 - MSA Index (Index)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
A A R TEN X 7008 S A	USA15719841	6	65.9	1
AJC K41	NXOK41	10	63.6	27
ANVIL KOKODA K267	HBUK267	16	64.1	21
AYRVALE LEGACY L21	HIOL21	8	64.6	11
BANNABY REALITY K63	ECMK63	17	63.1	33
BANNABY RESERVE K173	ECMK173	15	65.1	3
BONGONGO L8	NGXL8	9	63.5	29
BOONAROO KERNAL K72	HCAK72	9	62.8	34
BOOROOMOOKA KULGERA K270	NGMK270	8	63.9	24
BOWMONT KING K306	SRKK306	18	65.4	2
BROOKLANA M REALITY K57	AMQK57	11	64.8	5
CHELTENHAM PARK BERKLEY J7	HYEJ7	15	64.8	5
CLUNIE RANGE KALUHA K330	NBHK330	19	64.2	20
CLUNIE RANGE LEGEND L348	NBHL348	9	64.8	5
COONAMBLE KEVIN K314	WDCK314	10	63.5	29
DULVERTON LARRY L154	NGCL154	14	63.8	26
ESSLEMONT LOTTO L3	WWEL3	18	65.0	4
G A R PROPHET	USA16295688	8	64.8	5
G A R SURE FIRE	USA17328461	14	64.1	21
GATES KIPLING K7	ASRK7	8	64.7	9
GLENAVON REVENUE L039	NFWL039	11	63.3	32
GLENOCH HINMAN H221	QBGH221	12	64.7	9
HARDHAT GM GRASS KING Y21 K15	DKKK15	13	63.9	24
HAZELDEAN JAIPUR J140	NHZJ140	14	64.0	23
KANSAS JUDD L76	NKLL76	17	64.6	11
KILLAIN ALASKA K18	KILK18	7	64.4	15
MILLAH MURRAH LOCH UP L133	NMML133	17	64.5	14
MURRAY DOWNLOAD L20	NURL20	15	64.6	11
PATHFINDER COMPLETE K22	SMPK22	17	64.3	18
RENNYLEA K835	NORK835	10	63.4	31
RENNYLEA KODAK K522	NORK522	15	64.4	15
STORTH OAKS JACK J7	NZE19507013J7	17	64.3	18
TRIO DOCKLANDS H1	ELYH1	10	63.6	27
WATTLETOP LOCK L4	NWPL4	12	64.4	15



## 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: 7 - Docility (Score)

Sire Name	Sire ID	Number of Progeny	Progeny % Score 1-1.5	Rank
A A R TEN X 7008 S A	USA15719841	31	61.3	19
AJC K41	NXOK41	22	59.1	23
ANVIL KOKODA K267	HBUK267	32	68.8	10
AYRVALE LEGACY L21	HIOL21	21	61.9	17
BANNABY REALITY K63	ECMK63	27	74.1	5
BANNABY RESERVE K173	ECMK173	33	66.7	12
BONGONGO L8	NGXL8	22	45.5	32
BOONAROO KERNAL K72	HCAK72	21	66.7	12
BOOROOMOOKA KULGERA K270	NGMK270	21	57.1	26
BOWMONT KING K306	SRKK306	31	61.3	19
BROOKLANA M REALITY K57	AMQK57	28	64.3	15
CHELTENHAM PARK BERKLEY J7	HYEJ7	28	39.3	33
CLUNIE RANGE KALUHA K330	NBHK330	35	65.7	14
CLUNIE RANGE LEGEND L348	NBHL348	18	38.9	34
COONAMBLE KEVIN K314	WDCK314	23	56.5	27
DULVERTON LARRY L154	NGCL154	23	47.8	31
ESSLEMONT LOTTO L3	WWEL3	29	58.6	25
G A R PROPHET	USA16295688	22	72.7	6
G A R SURE FIRE	USA17328461	31	71.0	7
GATES KIPLING K7	ASRK7	21	52.4	29
GLENAVON REVENUE L039	NFWL039	21	61.9	17
GLENOCH HINMAN H221	QBGH221	30	60.0	21
HARDHAT GM GRASS KING Y21 K15	DKKK15	26	53.8	28
HAZELDEAN JAIPUR J140	NHZJ140	32	81.3	3
KANSAS JUDD L76	NKLL76	26	96.2	1
KILLAIN ALASKA K18	KILK18	10	70.0	9
MILLAH MURRAH LOCH UP L133	NMML133	35	74.3	4
MURRAY DOWNLOAD L20	NURL20	32	62.5	16
PATHFINDER COMPLETE K22	SMPK22	31	71.0	7
RENNYLEA K835	NORK835	22	59.1	23
RENNYLEA KODAK K522	NORK522	29	51.7	30
STORTH OAKS JACK J7	NZE19507013J7	25	68.0	11
TRIO DOCKLANDS H1	ELYH1	19	89.5	2
WATTLETOP LOCK L4	NWPL4	20	60.0	21



## Angus Sire Benchmarking Program - Progeny Performance Report

### Cohort: 7 - Claw Set (Score)

Sire Name	Sire ID	Number of Progeny	Progeny % Score 5-6	Rank
A A R TEN X 7008 S A	USA15719841	24	12.5	34
AJC K41	NXOK41	21	47.6	23
ANVIL KOKODA K267	HBUK267	31	45.2	25
AYRVALE LEGACY L21	HIOL21	19	52.6	18
BANNABY REALITY K63	ECMK63	26	61.5	7
BANNABY RESERVE K173	ECMK173	31	58.1	11
BONGONGO L8	NGXL8	20	50.0	20
BOONAROO KERNAL K72	HCAK72	21	81.0	2
BOOROOMOOKA KULGERA K270	NGMK270	15	60.0	9
BOWMONT KING K306	SRKK306	28	75.0	3
BROOKLANA M REALITY K57	AMQK57	25	32.0	31
CHELTENHAM PARK BERKLEY J7	HYEJ7	27	29.6	33
CLUNIE RANGE KALUHA K330	NBHK330	35	60.0	9
CLUNIE RANGE LEGEND L348	NBHL348	16	68.8	6
COONAMBLE KEVIN K314	WDCK314	20	75.0	3
DULVERTON LARRY L154	NGCL154	23	60.9	8
ESSLEMONT LOTTO L3	WWEL3	27	37.0	28
G A R PROPHET	USA16295688	17	52.9	17
G A R SURE FIRE	USA17328461	30	53.3	16
GATES KIPLING K7	ASRK7	19	47.4	24
GLENAVON REVENUE L039	NFWL039	19	36.8	29
GLENOCH HINMAN H221	QBGH221	28	53.6	15
HARDHAT GM GRASS KING Y21 K15	DKKK15	26	30.8	32
HAZELDEAN JAIPUR J140	NHZJ140	24	91.7	1
KANSAS JUDD L76	NKLL76	25	44.0	26
KILLAIN ALASKA K18	KILK18	10	50.0	20
MILLAH MURRAH LOCH UP L133	NMML133	33	54.5	14
MURRAY DOWNLOAD L20	NURL20	30	36.7	30
PATHFINDER COMPLETE K22	SMPK22	31	71.0	5
RENNYLEA K835	NORK835	22	40.9	27
RENNYLEA KODAK K522	NORK522	27	55.6	13
STORTH OAKS JACK J7	NZE19507013J7	25	56.0	12
TRIO DOCKLANDS H1	ELYH1	18	50.0	20
WATTLETOP LOCK L4	NWPL4	21	52.4	19



## Angus Sire Benchmarking Program - Progeny Performance Report

### Cohort: 7 - Foot Angle (Score)

Sire Name	Sire ID	Number of Progeny	Progeny % Score 5-6	Rank
A A R TEN X 7008 S A	USA15719841	24	75.0	28
AJC K41	NXOK41	21	90.5	8
ANVIL KOKODA K267	HBUK267	31	80.6	23
AYRVALE LEGACY L21	HIOL21	19	73.7	30
BANNABY REALITY K63	ECMK63	26	92.3	6
BANNABY RESERVE K173	ECMK173	31	90.3	10
BONGONGO L8	NGXL8	20	65.0	34
BOONAROO KERNAL K72	HCAK72	21	85.7	15
BOOROOMOOKA KULGERA K270	NGMK270	15	86.7	14
BOWMONT KING K306	SRKK306	28	96.4	1
BROOKLANA M REALITY K57	AMQK57	25	72.0	31
CHELTENHAM PARK BERKLEY J7	HYEJ7	27	96.3	2
CLUNIE RANGE KALUHA K330	NBHK330	35	91.4	7
CLUNIE RANGE LEGEND L348	NBHL348	16	81.3	21
COONAMBLE KEVIN K314	WDCK314	20	90.0	11
DULVERTON LARRY L154	NGCL154	23	82.6	18
ESSLEMONT LOTTO L3	WWEL3	27	81.5	20
G A R PROPHET	USA16295688	17	88.2	12
G A R SURE FIRE	USA17328461	30	93.3	5
GATES KIPLING K7	ASRK7	19	78.9	25
GLENAVON REVENUE L039	NFWL039	19	68.4	33
GLENOCH HINMAN H221	QBGH221	28	85.7	15
HARDHAT GM GRASS KING Y21 K15	DKKK15	26	80.8	22
HAZELDEAN JAIPUR J140	NHZJ140	24	75.0	28
KANSAS JUDD L76	NKLL76	25	88.0	13
KILLAIN ALASKA K18	KILK18	10	80.0	24
MILLAH MURRAH LOCH UP L133	NMML133	33	78.8	26
MURRAY DOWNLOAD L20	NURL20	30	70.0	32
PATHFINDER COMPLETE K22	SMPK22	31	93.5	4
RENNYLEA K835	NORK835	22	81.8	19
RENNYLEA KODAK K522	NORK522	27	77.8	27
STORTH OAKS JACK J7	NZE19507013J7	25	96.0	3
TRIO DOCKLANDS H1	ELYH1	18	83.3	17
WATTLETOP LOCK L4	NWPL4	21	90.5	8





## Angus Sire Benchmarking Program - Progeny Performance Report

### Cohort: 7 - Coat Type (Score)

Sire Name	Sire ID	Number of Progeny	Progeny % Score 1-2	Rank
A A R TEN X 7008 S A	USA15719841	17	64.7	23
AJC K41	NXOK41	17	58.8	26
ANVIL KOKODA K267	HBUK267	24	75.0	13
AYRVALE LEGACY L21	HIOL21	16	62.5	25
BANNABY REALITY K63	ECMK63	22	68.2	21
BANNABY RESERVE K173	ECMK173	25	76.0	12
BONGONGO L8	NGXL8	16	56.3	28
BOONAROO KERNAL K72	HCAK72	15	73.3	18
BOOROOMOOKA KULGERA K270	NGMK270	11	81.8	6
BOWMONT KING K306	SRKK306	24	87.5	3
BROOKLANA M REALITY K57	AMQK57	20	55.0	31
CHELTENHAM PARK BERKLEY J7	HYEJ7	20	75.0	13
CLUNIE RANGE KALUHA K330	NBHK330	24	87.5	3
CLUNIE RANGE LEGEND L348	NBHL348	13	76.9	11
COONAMBLE KEVIN K314	WDCK314	16	56.3	28
DULVERTON LARRY L154	NGCL154	19	47.4	34
ESSLEMONT LOTTO L3	WWEL3	22	77.3	9
G A R PROPHET	USA16295688	13	84.6	5
G A R SURE FIRE	USA17328461	19	78.9	8
GATES KIPLING K7	ASRK7	11	81.8	6
GLENAVON REVENUE L039	NFWL039	15	73.3	18
GLENOCH HINMAN H221	QBGH221	19	73.7	16
HARDHAT GM GRASS KING Y21 K15	DKKK15	19	57.9	27
HAZELDEAN JAIPUR J140	NHZJ140	17	88.2	2
KANSAS JUDD L76	NKLL76	19	73.7	16
KILLAIN ALASKA K18	KILK18	10	90.0	1
MILLAH MURRAH LOCH UP L133	NMML133	25	64.0	24
MURRAY DOWNLOAD L20	NURL20	20	65.0	22
PATHFINDER COMPLETE K22	SMPK22	22	50.0	32
RENNYLEA K835	NORK835	18	55.6	30
RENNYLEA KODAK K522	NORK522	22	77.3	9
STORTH OAKS JACK J7	NZE19507013J7	23	73.9	15
TRIO DOCKLANDS H1	ELYH1	14	50.0	32
WATTLETOP LOCK L4	NWPL4	16	68.8	20



## 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	Age
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)	8
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)	8
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)	8
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)	8
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)	8

**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 7

### 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
USA15719841 A A R TEN X 7008 S A	38.2 (18)	280.9 (23)	233.1 (8)	355.1 (11)	584.4 (9)	307.4 (13)	56.4 (15)	3.6 (33)	4.9 (34)	5.4 (7)	439.3 (5)	92.2 (12)	8.2 (20)	-3.4 (20)	523.1 (7)	131.3 (5)	65.9 (1)	61.3 (19)	12.5 (34)	75.0 (28)	64.7 (23)
NXOK41 AUC K41	38.6 (25)	278.4 (5)	232.0 (11)	351.8 (20)	580.8 (8)	303.2 (8)	58.2 (5)	4.1 (23)	5.2 (28)	5.4 (7)	414.5 (25)	93.5 (5)	9.0 (13)	-3.5 (16)	474.6 (23)	138.6 (22)	63.6 (27)	59.1 (23)	47.6 (23)	90.5 (8)	58.8 (26)
HBUK267 ANVIL KOKODA K267	38.5 (22)	279.5 (9)	234.4 (5)	356.0 (9)	567.2 (26)	311.1 (18)	55.6 (21)	4.3 (20)	5.2 (28)	5.2 (18)	402.1 (31)	88.1 (32)	9.5 (8)	-3.8 (6)	508.5 (13)	133.0 (6)	64.1 (21)	68.8 (10)	45.2 (25)	80.6 (23)	75.0 (13)
HIOL21 AYRVALE LEGACY L21	37.9 (14)	280.1 (16)	234.7 (4)	366.2 (3)	582.0 (10)	306.2 (11)	58.8 (1)	4.3 (20)	6.7 (7)	5.2 (18)	441.8 (3)	98.0 (1)	7.7 (25)	-3.4 (20)	512.0 (10)	135.6 (13)	64.6 (11)	61.9 (17)	52.6 (18)	73.7 (30)	62.5 (25)
ECMK63 BANNABY REALITY K63	38.5 (22)	281.3 (28)	230.1 (14)	347.1 (24)	560.2 (30)	322.4 (33)	55.4 (24)	3.9 (29)	5.6 (25)	5.0 (23)	413.2 (27)	92.5 (9)	7.4 (29)	-3.6 (13)	427.9 (32)	135.2 (11)	63.1 (33)	74.1 (5)	61.5 (7)	92.3 (6)	68.2 (21)
ECMK173 BANNABY RESERVE K173	38.6 (25)	280.4 (19)	234.1 (7)	337.0 (32)	557.7 (31)	307.8 (16)	54.9 (30)	4.0 (27)	5.5 (27)	4.8 (31)	412.9 (28)	92.8 (7)	8.4 (17)	-3.5 (16)	513.3 (9)	128.0 (2)	65.1 (3)	66.7 (12)	58.1 (11)	90.3 (10)	76.0 (12)
NGXL8 BONGONGO L8	35.6 (2)	278.7 (6)	228.9 (17)	345.9 (27)	575.1 (17)	311.5 (19)	55.0 (29)	4.6 (12)	6.1 (14)	5.3 (14)	410.3 (30)	87.6 (34)	8.6 (14)	-3.6 (13)	509.3 (12)	142.1 (31)	63.5 (29)	45.5 (32)	50.0 (20)	65.0 (34)	56.3 (28)
HCAK72 BOONAROO KERNAL K72	37.1 (9)	279.6 (13)	228.9 (17)	358.2 (7)	580.4 (13)	321.5 (32)	57.2 (11)	3.9 (29)	5.7 (22)	4.8 (31)	435.2 (9)	92.5 (9)	6.0 (34)	-3.8 (6)	398.5 (34)	140.7 (29)	62.8 (34)	66.7 (12)	81.0 (2)	85.7 (15)	73.3 (18)
NGMK270 BOOROOMOOKA KULGERA K270	38.1 (17)	280.8 (22)	235.5 (3)	352.4 (16)	576.8 (16)	292.0 (2)	55.9 (19)	3.8 (31)	5.2 (28)	4.9 (26)	415.9 (22)	92.4 (11)	8.1 (21)	-2.9 (31)	461.4 (25)	136.6 (16)	63.9 (24)	57.1 (26)	60.0 (9)	86.7 (14)	81.8 (6)
SRKK306 BOWMONT KING K306	37.5 (12)	280.6 (21)	230.0 (16)	342.0 (30)	563.1 (29)	307.5 (15)	56.3 (17)	4.3 (20)	5.9 (20)	5.4 (7)	415.9 (22)	94.2 (3)	11.6 (1)	-3.1 (29)	593.0 (1)	138.9 (23)	65.4 (2)	61.3 (19)	75.0 (3)	96.4 (1)	87.5 (3)
AMQK57 BROOKLANA M REALITY K57	36.8 (7)	279.5 (9)	234.4 (5)	363.5 (4)	597.5 (4)	318.8 (30)	55.1 (27)	4.4 (18)	5.6 (25)	4.9 (26)	437.7 (7)	91.6 (16)	8.3 (18)	-3.3 (24)	482.9 (19)	138.0 (20)	64.8 (5)	64.3 (15)	32.0 (31)	72.0 (31)	55.0 (31)
HYEJ7 CHELTENHAM PARK BERKLEY J7	40.4 (33)	278.2 (2)	244.9 (1)	371.2 (2)	608.8 (2)	311.5 (19)	58.3 (4)	4.5 (16)	5.7 (22)	5.2 (18)	438.2 (6)	89.7 (23)	7.5 (28)	-3.8 (6)	491.2 (17)	137.5 (19)	64.8 (5)	39.3 (33)	29.6 (33)	96.3 (2)	75.0 (13)
NBHK330 CLUNIE RANGE KALUHA K330	38.3 (20)	279.9 (14)	231.3 (13)	352.4 (16)	572.9 (22)	299.7 (5)	56.9 (12)	4.8 (6)	7.3 (1)	5.5 (5)	435.5 (8)	94.1 (4)	8.6 (14)	-3.3 (24)	482.7 (20)	140.9 (30)	64.2 (20)	65.7 (14)	60.0 (9)	91.4 (7)	87.5 (3)
NBHL348 CLUNIE RANGE LEGEND L348	38.7 (29)	279.3 (8)	230.1 (14)	340.4 (31)	573.9 (21)	300.5 (6)	55.4 (24)	4.8 (6)	6.1 (14)	4.9 (26)	424.4 (17)	90.1 (20)	7.4 (29)	-3.3 (24)	481.1 (21)	133.4 (7)	64.8 (5)	38.9 (34)	68.8 (6)	81.3 (21)	76.9 (11)
WDCK314 COONAMBLE KEVIN K314	38.0 (16)	281.2 (25)	225.9 (27)	352.2 (18)	588.5 (5)	307.4 (13)	57.9 (7)	4.9 (5)	7.1 (2)	5.3 (14)	443.0 (2)	90.0 (21)	8.3 (18)	-3.7 (10)	417.9 (33)	140.0 (26)	63.5 (29)	56.5 (27)	75.0 (3)	90.0 (11)	56.3 (28)
NGCL154 DULVERTON LARRY L154	38.3 (20)	278.8 (7)	220.7 (31)	344.9 (29)	577.9 (14)	297.6 (3)	53.7 (34)	4.1 (23)	5.7 (22)	5.0 (23)	431.4 (12)	89.4 (24)	7.8 (24)	-2.8 (34)	457.9 (26)	137.0 (18)	63.8 (26)	47.8 (31)	60.9 (8)	82.6 (18)	47.4 (34)
WWEL3 ESSLEMONT LOTTO L3	37.2 (10)	279.5 (9)	222.9 (30)	353.1 (15)	563.4 (27)	301.3 (7)	58.6 (2)	5.1 (4)	7.0 (3)	5.7 (1)	418.3 (21)	94.5 (2)	9.7 (5)	-3.2 (28)	542.8 (4)	136.3 (15)	65.0 (4)	58.6 (25)	37.0 (28)	81.5 (20)	77.3 (9)
USA16295688 G A R PROPHET	37.6 (13)	282.8 (33)	232.3 (10)	358.0 (8)	574.0 (20)	297.6 (3)	56.5 (14)	4.7 (10)	6.3 (10)	5.6 (3)	427.4 (13)	89.8 (22)	11.1 (2)	-3.5 (16)	552.8 (2)	140.3 (28)	64.8 (5)	72.7 (6)	52.9 (17)	88.2 (12)	84.6 (5)
USA17328461 G A R SURE FIRE	36.6 (5)	281.5 (29)	226.1 (25)	349.1 (23)	575.1 (17)	318.2 (28)	56.6 (13)	4.5 (16)	6.1 (14)	5.3 (14)	419.2 (20)	89.0 (27)	9.1 (12)	-3.9 (3)	506.8 (14)	139.5 (25)	64.1 (21)	71.0 (7)	53.3 (16)	93.3 (5)	78.9 (8)
ASRK7 GATES KIPLING K7	38.2 (18)	280.1 (16)	231.9 (12)	349.9 (22)	586.0 (6)	306.4 (12)	56.2 (18)	4.1 (23)	5.9 (20)	4.9 (26)	424.7 (14)	88.7 (30)	9.7 (5)	-3.7 (10)	535.9 (6)	154.0 (34)	64.7 (9)	52.4 (29)	47.4 (24)	78.9 (25)	81.8 (6)
NFWL039 GLENAYON REVENUE L039	37.0 (8)	279.5 (9)	224.2 (29)	355.6 (10)	568.8 (25)	317.5 (27)	57.4 (9)	3.7 (32)	5.1 (32)	4.7 (33)	411.1 (29)	92.9 (6)	8.0 (22)	-3.8 (6)	432.3 (30)	135.4 (12)	63.3 (32)	61.9 (17)	36.8 (29)	68.4 (33)	73.3 (18)
QBGH221 GLENNOCH HINMAN H221	36.3 (4)	281.2 (25)	226.4 (22)	346.9 (25)	571.8 (23)	315.9 (25)	55.9 (19)	4.6 (12)	6.1 (14)	5.5 (5)	422.9 (18)	92.7 (8)	10.2 (3)	-3.9 (3)	537.1 (5)	136.6 (16)	64.7 (9)	60.0 (21)	53.6 (15)	85.7 (15)	73.7 (16)



## Angus Sire Benchmarking Program - Cohort 7

### 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
DKKK15 HARDHAT GM GRASS KING Y21 K15	39.3 (32)	280.3 (18)	226.6 (21)	346.2 (26)	549.9 (33)	305.3 (10)	58.6 (2)	4.8 (6)	6.4 (9)	5.3 (14)	399.2 (32)	89.4 (24)	8.0 (22)	-3.7 (10)	452.6 (29)	128.6 (3)	63.9 (24)	53.8 (28)	30.8 (32)	80.8 (22)	57.9 (27)
NHZJ140 HAZELDEAN JAIPUR J140	36.6 (5)	280.0 (15)	217.2 (33)	345.5 (28)	569.3 (24)	321.1 (31)	56.4 (15)	4.0 (27)	5.2 (28)	5.0 (23)	424.7 (14)	91.4 (17)	8.5 (16)	-2.9 (31)	501.1 (15)	139.2 (24)	64.0 (23)	81.3 (3)	91.7 (1)	75.0 (28)	88.2 (2)
NKLL76 KANSAS JUDD L76	38.5 (22)	281.6 (30)	228.8 (19)	351.7 (21)	574.8 (19)	316.7 (26)	55.1 (27)	4.6 (12)	6.3 (10)	5.4 (7)	424.6 (16)	88.9 (29)	9.6 (7)	-3.5 (16)	509.8 (11)	140.0 (26)	64.6 (11)	96.2 (1)	44.0 (26)	88.0 (13)	73.7 (16)
KILK18 KILLAIN ALASKA K18	39.2 (31)	283.0 (34)	226.0 (26)	354.0 (12)	584.5 (8)	291.5 (1)	55.6 (21)	3.4 (34)	5.1 (32)	4.4 (34)	421.9 (19)	89.0 (27)	6.2 (33)	-4.7 (1)	453.6 (27)	130.4 (4)	64.4 (15)	70.0 (9)	50.0 (20)	80.0 (24)	90.0 (1)
NMML133 MILLAH MURRAH LOCH UP L133	38.8 (30)	280.4 (19)	240.4 (2)	360.5 (5)	584.9 (7)	314.4 (22)	55.2 (26)	4.1 (23)	6.2 (12)	5.2 (18)	431.5 (11)	90.2 (19)	7.7 (25)	-3.6 (13)	474.4 (24)	127.9 (1)	64.5 (14)	74.3 (4)	54.5 (14)	78.8 (26)	64.0 (24)
NURL20 MURRAY DOWNLOAD L20	37.9 (14)	282.0 (32)	219.9 (32)	332.6 (34)	552.2 (32)	318.2 (28)	54.8 (32)	4.4 (18)	6.1 (14)	4.9 (26)	392.8 (34)	88.5 (31)	9.4 (9)	-3.0 (30)	547.4 (3)	135.8 (14)	64.6 (11)	62.5 (16)	36.7 (30)	70.0 (32)	65.0 (22)
SMPK22 PATHFINDER COMPLETE K22	34.7 (1)	278.3 (3)	212.9 (34)	333.2 (33)	543.4 (34)	312.3 (21)	55.6 (21)	5.2 (3)	6.8 (4)	5.7 (1)	398.8 (33)	89.3 (26)	9.4 (9)	-3.4 (20)	493.6 (16)	133.9 (8)	64.3 (18)	71.0 (7)	71.0 (5)	93.5 (4)	50.0 (32)
NORK835 RENNYLEA K835	40.8 (34)	281.7 (31)	226.3 (24)	352.0 (19)	577.6 (15)	315.8 (24)	57.3 (10)	4.8 (6)	6.8 (4)	5.6 (3)	415.4 (24)	87.9 (33)	10.1 (4)	-3.9 (3)	483.1 (18)	143.9 (33)	63.4 (31)	59.1 (23)	40.9 (27)	81.8 (19)	55.6 (30)
NORK522 RENNYLEA KODAK K522	36.0 (3)	281.0 (24)	226.4 (22)	353.2 (14)	563.2 (28)	315.6 (23)	54.8 (32)	5.5 (1)	6.7 (7)	5.4 (7)	414.3 (26)	91.8 (15)	9.2 (11)	-2.9 (31)	517.7 (8)	142.1 (31)	64.4 (15)	51.7 (30)	55.6 (13)	77.8 (27)	77.3 (9)
NZE19507013J7 STORTH OAKS JACK J7	38.6 (25)	281.2 (25)	232.4 (9)	376.4 (1)	609.0 (1)	304.5 (9)	58.0 (6)	4.6 (12)	6.2 (12)	5.4 (7)	441.5 (4)	92.1 (13)	7.6 (27)	-3.3 (24)	453.2 (28)	134.3 (9)	64.3 (18)	68.0 (11)	56.0 (12)	96.0 (3)	73.9 (15)
ELYH1 TRIO DOCKLANDS H1	37.4 (11)	278.3 (3)	224.4 (28)	353.9 (13)	580.5 (12)	309.5 (17)	54.9 (30)	5.4 (2)	6.8 (4)	5.1 (22)	433.6 (10)	90.4 (18)	7.1 (31)	-4.4 (2)	432.1 (31)	138.4 (21)	63.6 (27)	89.5 (2)	50.0 (20)	83.3 (17)	50.0 (32)
NWPL4 WATTLETOP LOCK L4	38.6 (25)	278.0 (1)	228.1 (20)	359.7 (6)	599.3 (3)	322.5 (34)	57.8 (8)	4.7 (10)	6.1 (14)	5.4 (7)	448.2 (1)	92.1 (13)	7.1 (31)	-3.4 (20)	480.3 (22)	134.6 (10)	64.4 (15)	60.0 (21)	52.4 (19)	90.5 (8)	68.8 (20)