



# PROGENY PERFORMANCE REPORT

## COHORT 8



### **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.  
Rob Dugdale and Jeff Richie, Springmount, Black Mountain, NSW.  
Richard and Ruth Puddicombe, Burindi, Barraba, NSW.  
Shaun Uebergang, Pearsby Hall, Delungra, NSW.  
Stephen and Amity Chase, Waitara, Trangie, NSW.  
NSW DPI, Trangie Agricultural Research Centre, Trangie, NSW.  
NSW DPI, Glen Innes Research Station, Glen Innes, NSW.  
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.



# Angus Australia - Sire Benchmarking Program - Cohort 8

## 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>NXOL172</b> NXOF43 NXOJ432	<b>AJC L172</b> <sup>SV</sup> APR	7	125	29	+6.4	+7.2	-8.0	+3.1	+61	+108	+150	+139	+14	+2.0	-4.7	+78	+5.9	-0.6	-0.3	+0.2	+1.3	-0.98	+26	+1.40	+1.32	+1.26	\$220	\$411
<b>DGJL94</b> USA15832750 DGJH24	<b>ALLOURA LOCK STOCK &amp; BARREL</b> HBR	7	100	19	+6.2	+5.4	-4.6	+2.9	+54	+88	+114	+106	+12	+0.9	-4.7	+61	+0.6	+1.2	-1.6	+0.3	+2.2	-0.36	+21	+0.96	+0.84	+0.94	\$198	\$352
<b>NBNJ158</b> CAN1274555 NBNG26	<b>BEN NEVIS JUDO J158</b> <sup>SV</sup> HBR	5	110	0	-2.5	+1.3	+2.5	+3.6	+50	+92	+120	+86	+22	+3.2	-3.4	+78	-2.0	+0.9	+0.2	+0.0	+0.9	+0.74	+11	+1.02	+1.10	+1.14	\$156	\$271
<b>NGML173</b> VTME343 NGME389	<b>BOOROOMOOKA LEROY L173</b> <sup>SV</sup> HBR	6	125	4	+1.0	+6.7	-5.7	+5.2	+58	+103	+130	+126	+7	+2.0	-4.5	+61	-0.1	-1.4	-1.9	+0.0	+2.5	+0.35	+18	+0.92	+0.90	+1.08	\$194	\$359
<b>BONK065</b> USA16060001 MBHG030	<b>BRIDGEWATER STIMULUS K65</b> <sup>PV</sup> APR	6	62	0	-2.1	+3.6	-10.2	+7.5	+59	+100	+139	+125	+6	+2.6	+0.3	+65	+3.9	-0.1	+0.0	+0.0	-0.6	-0.36	+45	+0.50	+0.70	+0.86	\$127	\$261
<b>AMQL39</b> NZE04379 AMQH11	<b>BROOKLANA INFINITY L39</b> <sup>SV</sup> HBR	7	43	0	-4.6	-1.5	-2.4	+4.9	+44	+82	+101	+119	+8	+2.5	-6.5	+35	-4.2	+1.8	+2.9	-0.7	+1.6	-0.06	+20	+0.84	+0.92	+0.76	\$125	\$263
<b>GTNM3</b> NORE11 GTNJ4	<b>CHILTERN PARK MARBLES M3</b> <sup>PV</sup> HBR	20	217	15	+3.6	-3.5	-6.0	+2.5	+41	+76	+96	+60	+28	+3.2	-6.9	+55	+3.9	+0.0	-3.0	+0.2	+3.6	-0.12	+11	+0.54	+1.08	+1.16	\$194	\$307
<b>THCL61</b> WDCE11 THCF92	<b>CLUDEN NEWRY ELEVATOR L61</b> <sup>PV</sup> HBR	7	107	13	-3.1	-2.1	-3.9	+6.3	+64	+126	+159	+162	+19	+1.5	-3.3	+104	+9.9	-3.7	-2.0	+1.5	-1.1	+0.14	+40	+0.68	+0.92	+0.94	\$189	\$366
<b>NFSM6</b> USA17366506 NFSK45	<b>FARRER M6</b> <sup>PV</sup> HBR	6	30	0	+6.2	+5.6	-5.1	+1.5	+45	+87	+115	+92	+30	+0.4	-8.7	+76	+9.3	+0.4	+1.8	+0.7	+2.8	+0.39	+12	+0.82	+0.98	+0.90	\$258	\$420
<b>NFWM049</b> QHED62 NFWG028	<b>GLENAVON DOCKLANDS M049</b> <sup>SV</sup> HBR	6	63	0	-1.4	-11.5	-7.1	+6.5	+56	+99	+146	+139	+19	+1.7	-3.6	+70	+7.8	-3.4	-2.6	+1.3	+1.4	-0.67	-1	+0.74	+0.90	+1.08	\$174	\$317
<b>DKKM56</b> USA17016597 DKKJ536	<b>HARDHAT RES MICHELIN J536 M56</b> HBR	6	28	0	-10.7	-21.2	-1.1	+7.4	+55	+93	+122	+104	+14	+0.7	-3.8	+63	+11.6	+0.3	+2.1	+1.7	-1.8	-0.77	+24	+0.90	+0.66	+0.90	\$152	\$241
<b>NHZK416</b> NORE11 NHZH342	<b>HAZELDEAN KATZEN K416</b> <sup>SV</sup> APR	12	444	22	+9.9	+3.7	-11.5	+2.2	+56	+95	+124	+112	+19	+3.7	-9.5	+74	+0.8	+4.4	+2.8	-0.7	+0.9	+0.29	+53	+1.06	+1.02	+1.06	\$223	\$407
<b>CJMM8</b> USA15354674 CJMF9	<b>HIGH SPA M8</b> <sup>SV</sup> APR	7	57	4	+2.3	+3.2	-7.0	+3.9	+50	+89	+124	+106	+14	+2.0	-4.2	+74	+5.0	-2.8	-2.8	+1.0	+0.4	+0.33	+18	+0.92	+1.10	+0.90	\$172	\$314
<b>NZE13300013</b> USA16205036 NZE13300111355	<b>KAKAHU BOND 13007</b> <sup>#</sup> HBR	9	90	0	+8.3	+2.7	-4.9	+2.9	+48	+84	+99	+86	+11	+4.3	-6.3	+59	+1.7	+0.5	-1.5	-0.1	+3.6	-0.15	+9	+1.12	+0.96	+0.74	\$202	\$352
<b>WKHL43</b> NJWG279 WKHF73	<b>KOOJAN HILLS GATSBY L43</b> <sup>SV</sup> HBR	7	142	0	+1.7	-0.4	-4.9	+4.2	+45	+80	+108	+83	+22	+3.4	-7.0	+61	+3.8	+0.4	+0.2	+0.5	+4.9	+0.36	+3	+0.96	+1.04	+0.90	\$229	\$362
<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 8

## 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>VLYL488</b> USA17366506 VLYH212	<b>LAWSONS LEO L488</b> <sup>SV</sup> HBR	12	190	0	-2.6	+5.7	-8.5	+4.2	+54	+91	+124	+96	+21	+1.1	-4.7	+78	+10.4	-0.6	-2.0	+1.1	+1.7	+0.19	+9	+0.52	+0.78	+1.20	\$212	\$342
<b>VLYL483</b> HKFJ5 VLYH221	<b>LAWSONS LINKEDIN L483</b> <sup>SV</sup> HBR	12	455	5	+5.8	-8.5	-1.2	+3.8	+58	+108	+153	+141	+27	+4.0	-4.9	+105	+9.8	-0.5	+2.4	+0.4	+1.5	-0.30	+22	+0.96	+0.78	+0.86	\$213	\$389
<b>CSWK428</b> VTME343 CSWE175	<b>MURDEDUKE KICKING K428</b> <sup>PV</sup> HBR	26	529	172	+8.7	+8.4	-8.1	+1.8	+48	+94	+120	+93	+25	+3.6	-5.2	+67	+1.5	+0.1	-2.1	+0.3	+0.5	-0.09	+45	+0.92	+1.04	+1.22	\$183	\$341
<b>NURM208</b> SMPG357 NURK45	<b>MURRAY GENESIS M208</b> <sup>PV</sup> HBR	7	100	10	+2.5	+5.7	-6.5	+5.4	+53	+102	+130	+109	+19	+3.7	-6.3	+87	+15.5	-0.1	-2.7	+1.8	+0.9	+1.21	+6	+1.00	+1.06	+0.68	\$242	\$408
<b>NURM204</b> USA16956101 NURJ43	<b>MURRAY PROCEED M204</b> <sup>PV</sup> HBR	18	121	36	-8.1	+6.5	-4.6	+4.5	+62	+111	+143	+125	+21	+3.3	-3.9	+89	+13.7	-4.6	-4.8	+0.6	+6.8	+0.10	+15	+0.98	+0.78	+0.92	\$239	\$385
<b>SFNL21</b> NZE10322010609 SFNH65	<b>NAMPARA LIBERTY L21</b> <sup>SV</sup> HBR	15	489	49	-4.8	-1.3	-6.5	+8.8	+67	+112	+152	+161	+19	+3.1	-1.8	+84	+7.4	-2.2	-0.9	+1.7	-2.6	-0.58	+17	+0.84	+0.84	+1.02	\$148	\$307
<b>USA16981588</b> USA16381311 USA16408070	<b>PA FULL POWER 1208</b> <sup>PV</sup> HBR	69	873	12	-5.9	-5.1	-5.6	+3.7	+52	+97	+119	+80	+15	+2.0	-3.4	+68	+12.7	-1.6	+0.5	+0.9	+3.4	+0.79	+25	+1.26	+0.96	+0.72	\$223	\$329
<b>SMPM558</b> VTMG67 SMPH458	<b>PATHFINDER MAXIMUS M558</b> <sup>PV</sup> HBR	8	158	15	-3.2	+1.7	-6.7	+6.2	+61	+100	+134	+134	+26	+4.8	-8.4	+58	+9.4	-2.2	-0.6	+0.6	+2.8	-0.26	+48	+0.96	+1.04	+0.88	\$234	\$405
<b>CXBL77</b> WLHD19 CXBF20	<b>PRIME LEGEND L77</b> <sup>SV</sup> HBR	10	75	0	+4.6	+4.8	-8.5	+2.4	+45	+89	+100	+79	+27	+2.3	-6.9	+51	+4.0	-2.9	-2.2	+1.1	+1.7	-0.03	+32	+0.96	+0.82	+0.86	\$215	\$358
<b>NORL683</b> NORE11 NORJ631	<b>RENNYLEA L683</b> <sup>PV</sup> APR	11	281	28	+2.4	+2.1	-5.2	+5.3	+55	+94	+119	+106	+6	+1.9	-5.9	+81	+5.7	+0.5	-1.5	+0.8	+2.0	+0.71	+20	+0.78	+0.92	+1.00	\$221	\$374
<b>NORM27</b> NORG317 NORH370	<b>RENNYLEA M27</b> <sup>PV</sup> HBR	5	25	0	-7.3	-1.8	-4.8	+9.0	+64	+105	+136	+129	+21	+4.9	-5.6	+76	+14.2	-5.0	-7.5	+2.4	+1.3	-0.19	+29	+0.92	+0.86	+0.98	\$211	\$353
<b>VTMK52</b> USA16295688 VTMH423	<b>TE MANIA KALIBROOK K52</b> <sup>PV</sup> HBR	8	109	28	+8.2	+4.5	-2.7	+1.4	+51	+105	+127	+94	+29	+1.7	-7.4	+69	+1.8	+1.3	+2.5	-1.1	+5.9	+1.47	+17	+1.10	+1.04	+1.06	\$264	\$436
<b>VTMK138</b> USA16295688 VTMH17	<b>TE MANIA KIRBY K138</b> <sup>PV</sup> HBR	15	1221	372	+1.3	+6.2	-1.6	+4.3	+50	+90	+118	+95	+19	+2.3	-9.8	+66	+5.2	+1.7	+3.1	-1.9	+8.7	+1.17	+7	+0.84	+0.76	+1.00	\$271	\$436
<b>VTML27</b> VTMG67 VTMJ274	<b>TE MANIA LACKEY L27</b> <sup>SV</sup> HBR	6	131	0	-6.4	+3.6	-9.3	+6.6	+67	+124	+169	+156	+26	+2.7	-5.2	+85	+0.8	-2.7	-4.0	-0.4	+1.6	-0.34	+45	+0.72	+1.08	+0.96	\$180	\$352
<b>VTML64</b> VTMJ131 VTMJ1139	<b>TE MANIA LANCASTER L64</b> <sup>PV</sup> HBR	14	368	0	+2.9	+6.7	-9.8	+3.3	+50	+93	+118	+110	+21	+1.4	-8.3	+64	+0.6	+1.0	-3.1	+0.1	+4.9	-0.50	+8	+0.76	+0.98	+1.08	\$232	\$400
<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 8

## 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>DBLL292</b>	<b>TOPBOS LEADING EDGE L292<sup>PV</sup></b>				+0.7	+5.7	-5.5	+7.1	+74	+130	+170	+160	+21	+1.6	-5.7	+88	+4.0	-2.5	-5.0	+0.4	+1.1	-0.01	+27	+1.00	+0.76	+0.78	\$235	\$433
USA16295688 VSNF04	HBR	38	506	38	85%	69%	97%	98%	97%	97%	96%	93%	93%	96%	65%	91%	90%	88%	90%	85%	91%	83%	95%	90%	90%	86%		
					68	22	37	96	1	1	1	1	21	69	22	5	78	94	99	53	78	25	23	78	8	2	14	3
<b>NXTL096</b>	<b>TWYNAM L096<sup>SV</sup></b>				+8.7	+9.0	-8.1	+2.9	+59	+112	+162	+137	+28	+3.5	-8.4	+108	+2.4	+0.8	+0.8	-0.7	+3.0	-0.23	+11	+0.60	+0.84	+0.90	\$253	\$463
NXTH111 NXTJ078	APR	8	56	7	67%	49%	93%	92%	88%	89%	88%	82%	67%	83%	49%	84%	83%	80%	84%	77%	85%	85%	75%	73%	75%	69%		
					6	3	9	24	15	5	1	6	2	9	1	1	91	28	28	97	26	8	91	8	19	12	5	1
<b>BSC116</b>	<b>WAITARA 292 LIBERATOR L16<sup>PV</sup></b>				+4.9	+4.8	-3.8	+2.9	+46	+94	+127	+85	+34	+2.6	-4.5	+69	+11.5	-2.5	-3.2	+1.4	+0.9	+0.39	+30	+0.94	+0.88	+0.82	\$211	\$350
USA17262374 BSCJ56	HBR	8	35	0	71%	56%	93%	90%	88%	88%	87%	82%	72%	79%	51%	83%	81%	78%	83%	74%	84%	71%	84%	85%	85%	81%		
					32	31	66	24	71	41	30	76	1	29	55	43	6	94	92	6	83	76	15	68	26	4	39	47
<b>NWPM34</b>	<b>WATTLETOP BIG SKY M34<sup>SV</sup></b>				-6.4	+3.4	-1.9	+4.3	+50	+91	+122	+105	+22	+1.8	-3.2	+72	+3.2	-3.3	-3.0	+0.5	+0.6	+0.24	+44	+0.76	+0.82	+0.92	\$132	\$249
USA17614813 NWPK21	HBR	6	15	0	67%	56%	90%	85%	82%	81%	81%	78%	67%	75%	48%	76%	75%	74%	77%	70%	77%	68%	71%	77%	77%	72%		
					95	47	89	55	52	50	41	43	16	61	86	33	86	98	90	47	88	58	1	30	16	16	95	95
<b>NWPM51</b>	<b>WATTLETOP BLACK PEARL M51<sup>SV</sup></b>				-4.3	+0.0	-4.8	+7.3	+65	+114	+157	+138	+16	+3.4	-2.4	+91	+5.8	-2.3	-2.5	+0.9	-0.9	-0.40	+20	+0.86	+0.94	+1.06	\$167	\$317
USA17236055 NWPK36	HBR	3	10	0	67%	58%	88%	82%	80%	80%	81%	77%	68%	76%	54%	79%	78%	74%	79%	71%	81%	70%	71%	75%	76%	72%		
					91	78	49	97	4	4	2	6	60	10	94	4	56	92	85	22	99	3	49	52	40	58	82	71
<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
BALMORAL 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: 8 - Birth Weight (kg)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
AJC L172	NXOL172	33	34.0	10
ALLOURA LOCK STOCK & BARREL L94	DGJL94	15	34.6	17
BEN NEVIS JUDO J158	NBNJ158	13	34.5	16
BOOROOMOOKA LEROY L173	NGML173	30	35.8	27
BRIDGEWATER STIMULUS K65	BONK065	40	36.3	31
BROOKLANA INFINITY L39	AMQL39	36	35.7	26
CHILTERN PARK MARBLES M3	GTNM3	30	33.7	8
CLUDEN NEWRY ELEVATOR L61	THCL61	26	36.1	30
FARRER M6	NFSM6	31	33.0	2
GLENAVON DOCKLANDS M049	NFWM049	18	35.3	19
HARDHAT RES MICHELIN J536 M56	DKKM56	26	37.7	34
HAZELDEAN KATZEN K416	NHZK416	39	33.4	5
HIGH SPA M8	CJMM8	19	36.0	29
KAKAHU BOND 13007	NZE13300013007	22	33.6	6
KOOJAN HILLS GATSBY L43	WKHL43	28	34.3	13
LAWSONS LEO L488	VLYL488	27	34.1	11
LAWSONS LINKEDIN L483	VLYL483	26	33.3	4
MURDEDUKE KICKING K428	CSWK428	40	34.7	18
MURRAY GENESIS M208	NURM208	24	35.3	19
MURRAY PROCEED M204	NURM204	32	35.4	21
NAMPARA LIBERTY L21	SFNL21	31	37.9	35
PA FULL POWER 1208	USA16981588	24	35.6	24
PATHFINDER MAXIMUS M558	SMPM558	12	35.5	23
PRIME LEGEND L77	CXBL77	28	34.1	11
RENNYLEA L683	NORL683	28	35.4	21
RENNYLEA M27	NORM27	24	36.8	33
TE MANIA KALIBROOK K52	VTMK52	24	33.8	9
TE MANIA KIRBY K138	VTMK138	33	35.6	24
TE MANIA LACKEY L27	VTML27	24	34.3	13
TE MANIA LANCASTER L64	VTML64	36	33.6	6
TOPBOS LEADING EDGE L292	DBLL292	29	36.5	32
TWYNAM L096	NXTL096	21	32.8	1
WAITARA 292 LIBERATOR L16	BSCL16	19	33.0	2
WATTLETOP BIG SKY M34	NWPM34	13	34.4	15
WATTLETOP BLACK PEARL M51	NWPM51	10	35.8	27



## Angus Sire Benchmarking Program - Progeny Performance Report

### Cohort: 8 - Gestation Length (days)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
AJC L172	NXOL172	32	277.7	8
ALLOURA LOCK STOCK & BARREL L94	DGJL94	14	280.6	28
BEN NEVIS JUDO J158	NBNJ158	11	283.3	35
BOOROOMOOKA LEROY L173	NGML173	31	279.8	25
BRIDGEWATER STIMULUS K65	BONK065	41	276.0	2
BROOKLANA INFINITY L39	AMQL39	36	280.8	29
CHILTERN PARK MARBLES M3	GTNM3	31	278.9	13
CLUDEN NEWRY ELEVATOR L61	THCL61	25	279.7	22
FARRER M6	NFSM6	31	279.1	15
GLENAVON DOCKLANDS M049	NFWM049	19	277.3	5
HARDHAT RES MICHELIN J536 M56	DKKM56	27	282.5	34
HAZELDEAN KATZEN K416	NHZK416	38	275.1	1
HIGH SPA M8	CJMM8	21	279.4	20
KAKAHU BOND 13007	NZE13300013007	22	278.5	10
KOOJAN HILLS GATSBY L43	WKHL43	27	279.4	20
LAWSONS LEO L488	VLYL488	26	278.9	13
LAWSONS LINKEDIN L483	VLYL483	26	280.3	26
MURDEDUKE KICKING K428	CSWK428	36	278.7	12
MURRAY GENESIS M208	NURM208	24	278.6	11
MURRAY PROCEED M204	NURM204	31	280.5	27
NAMPARA LIBERTY L21	SFNL21	32	278.3	9
PA FULL POWER 1208	USA16981588	25	279.2	16
PATHFINDER MAXIMUS M558	SMPM558	12	281.1	30
PRIME LEGEND L77	CXBL77	29	277.4	7
RENNYLEA L683	NORL683	27	279.7	22
RENNYLEA M27	NORM27	22	279.3	19
TE MANIA KALIBROOK K52	VTMK52	23	282.1	32
TE MANIA KIRBY K138	VTMK138	29	281.5	31
TE MANIA LACKEY L27	VTML27	24	277.3	5
TE MANIA LANCASTER L64	VTML64	37	276.7	3
TOPBOS LEADING EDGE L292	DBLL292	31	279.2	16
TWYNAM L096	NXTL096	20	276.9	4
WAITARA 292 LIBERATOR L16	BSCL16	19	279.7	22
WATTLETOP BIG SKY M34	NWPM34	13	282.2	33
WATTLETOP BLACK PEARL M51	NWPM51	8	279.2	16



## Angus Sire Benchmarking Program - Progeny Performance Report

### Cohort: 8 - 200 Day Weight (kg)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
AJC L172	NXOL172	36	191.2	14
ALLOURA LOCK STOCK & BARREL L94	DGJL94	14	186.4	23
BEN NEVIS JUDO J158	NBNJ158	11	182.8	26
BOOROOMOOKA LEROY L173	NGML173	29	197.7	4
BRIDGEWATER STIMULUS K65	BONK065	35	196.2	6
BROOKLANA INFINITY L39	AMQL39	32	180.6	30
CHILTERN PARK MARBLES M3	GTNM3	30	177.5	34
CLUDEN NEWRY ELEVATOR L61	THCL61	25	190.2	17
FARRER M6	NFSM6	26	187.0	21
GLENAVON DOCKLANDS M049	NFWM049	17	184.1	25
HARDHAT RES MICHELIN J536 M56	DKKM56	21	190.0	18
HAZELDEAN KATZEN K416	NHZK416	42	188.2	20
HIGH SPA M8	CJMM8	20	180.0	31
KAKAHU BOND 13007	NZE13300013007	21	192.8	10
KOOJAN HILLS GATSBY L43	WKHL43	28	186.1	24
LAWSONS LEO L488	VLYL488	27	192.0	12
LAWSONS LINKEDIN L483	VLYL483	24	182.0	29
MURDEDUKE KICKING K428	CSWK428	36	182.5	28
MURRAY GENESIS M208	NURM208	24	191.6	13
MURRAY PROCEED M204	NURM204	32	196.7	5
NAMPARA LIBERTY L21	SFNL21	32	199.4	2
PA FULL POWER 1208	USA16981588	24	192.5	11
PATHFINDER MAXIMUS M558	SMPM558	12	196.1	7
PRIME LEGEND L77	CXBL77	30	182.7	27
RENNYLEA L683	NORL683	27	190.5	16
RENNYLEA M27	NORM27	24	198.0	3
TE MANIA KALIBROOK K52	VTMK52	22	186.6	22
TE MANIA KIRBY K138	VTMK138	31	193.7	9
TE MANIA LACKEY L27	VTML27	25	194.0	8
TE MANIA LANCASTER L64	VTML64	35	190.9	15
TOPBOS LEADING EDGE L292	DBLL292	29	199.9	1
TWYNAM L096	NXTL096	18	188.3	19
WAITARA 292 LIBERATOR L16	BSCL16	21	178.7	33
WATTLETOP BIG SKY M34	NWPM34	9	179.7	32
WATTLETOP BLACK PEARL M51	NWPM51	9	176.7	35



## Angus Sire Benchmarking Program - Progeny Performance Report

### Cohort: 8 - 400 Day Weight (kg)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
AJC L172	NXOL172	35	345.0	14
ALLOURA LOCK STOCK & BARREL L94	DGJL94	13	319.2	35
BEN NEVIS JUDO J158	NBNJ158	8	340.6	21
BOOROOMOOKA LEROY L173	NGML173	26	342.7	19
BRIDGEWATER STIMULUS K65	BONK065	30	343.8	17
BROOKLANA INFINITY L39	AMQL39	27	322.5	34
CHILTERN PARK MARBLES M3	GTNM3	27	328.8	33
CLUDEN NEWRY ELEVATOR L61	THCL61	21	348.9	7
FARRER M6	NFSM6	24	334.7	27
GLENAVON DOCKLANDS M049	NFWM049	13	344.5	16
HARDHAT RES MICHELIN J536 M56	DKKM56	18	348.3	8
HAZELDEAN KATZEN K416	NHZK416	35	339.7	23
HIGH SPA M8	CJMM8	19	336.9	26
KAKAHU BOND 13007	NZE13300013007	20	334.2	28
KOOJAN HILLS GATSBY L43	WKHL43	26	331.2	31
LAWSONS LEO L488	VLYL488	23	339.9	22
LAWSONS LINKEDIN L483	VLYL483	20	349.9	6
MURDEDUKE KICKING K428	CSWK428	31	333.9	29
MURRAY GENESIS M208	NURM208	19	345.6	12
MURRAY PROCEED M204	NURM204	29	355.9	1
NAMPARA LIBERTY L21	SFNL21	29	348.1	9
PA FULL POWER 1208	USA16981588	21	344.8	15
PATHFINDER MAXIMUS M558	SMPM558	11	354.5	2
PRIME LEGEND L77	CXBL77	26	337.8	24
RENNYLEA L683	NORL683	20	342.0	20
RENNYLEA M27	NORM27	20	351.5	5
TE MANIA KALIBROOK K52	VTMK52	21	346.3	11
TE MANIA KIRBY K138	VTMK138	28	343.3	18
TE MANIA LACKEY L27	VTML27	21	352.5	4
TE MANIA LANCASTER L64	VTML64	31	337.8	24
TOPBOS LEADING EDGE L292	DBLL292	25	354.0	3
TWYNAM L096	NXTL096	16	347.4	10
WAITARA 292 LIBERATOR L16	BSCL16	15	331.4	30
WATTLETOP BIG SKY M34	NWPM34	10	330.6	32
WATTLETOP BLACK PEARL M51	NWPM51	7	345.4	13



## Angus Sire Benchmarking Program - Progeny Performance Report

### Cohort: 8 - 600 Day Weight (kg)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
AJC L172	NXOL172	24	599.4	10
ALLOURA LOCK STOCK & BARREL L94	DGJL94	8	572.9	33
BEN NEVIS JUDO J158	NBNJ158	3	595.9	15
BOOROOMOOKA LEROY L173	NGML173	22	576.1	32
BRIDGEWATER STIMULUS K65	BONK065	16	586.4	25
BROOKLANA INFINITY L39	AMQL39	19	564.2	35
CHILTERN PARK MARBLES M3	GTNM3	15	581.3	29
CLUDEN NEWRY ELEVATOR L61	THCL61	15	608.3	5
FARRER M6	NFSM6	17	597.3	13
GLENAVON DOCKLANDS M049	NFWM049	10	592.0	20
HARDHAT RES MICHELIN J536 M56	DKKM56	14	587.3	24
HAZELDEAN KATZEN K416	NHZK416	26	598.2	12
HIGH SPA M8	CJMM8	14	592.6	19
KAKAHU BOND 13007	NZE13300013007	16	579.2	31
KOOJAN HILLS GATSBY L43	WKHL43	12	585.7	27
LAWSONS LEO L488	VLYL488	16	602.4	7
LAWSONS LINKEDIN L483	VLYL483	13	622.3	3
MURDEDUKE KICKING K428	CSWK428	17	588.7	23
MURRAY GENESIS M208	NURM208	13	592.7	18
MURRAY PROCEED M204	NURM204	19	591.0	21
NAMPARA LIBERTY L21	SFNL21	18	602.6	6
PA FULL POWER 1208	USA16981588	16	580.7	30
PATHFINDER MAXIMUS M558	SMPM558	10	599.0	11
PRIME LEGEND L77	CXBL77	13	567.9	34
RENNYLEA L683	NORL683	14	597.2	14
RENNYLEA M27	NORM27	11	590.0	22
TE MANIA KALIBROOK K52	VTMK52	11	585.3	28
TE MANIA KIRBY K138	VTMK138	20	592.9	17
TE MANIA LACKEY L27	VTML27	18	625.0	2
TE MANIA LANCASTER L64	VTML64	21	585.8	26
TOPBOS LEADING EDGE L292	DBLL292	12	600.9	8
TWYNAM L096	NXTL096	11	621.9	4
WAITARA 292 LIBERATOR L16	BSCL16	8	599.5	9
WATTLETOP BIG SKY M34	NWPM34	7	595.4	16
WATTLETOP BLACK PEARL M51	NWPM51	5	636.6	1



## Angus Sire Benchmarking Program - Progeny Performance Report

### Cohort: 8 - Days to Calving (heifers) (days)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
AJC L172	NXOL172	11	314.6	26
ALLOURA LOCK STOCK & BARREL L94	DGJL94	2	305.8	13
BEN NEVIS JUDO J158	NBNJ158	1	342.8	33
BOOROOMOOKA LEROY L173	NGML173	10	310.9	22
BRIDGEWATER STIMULUS K65	BONK065	11	328.7	31
BROOKLANA INFINITY L39	AMQL39	7	307.4	15
CHILTERN PARK MARBLES M3	GTNM3	7	310.8	21
CLUDEN NEWRY ELEVATOR L61	THCL61	6	303.4	10
FARRER M6	NFSM6	6	296.3	5
GLENAVON DOCKLANDS M049	NFWM049	1	292.9	4
HARDHAT RES MICHELIN J536 M56	DKKM56	6	304.3	11
HAZELDEAN KATZEN K416	NHZK416	9	305.3	12
HIGH SPA M8	CJMM8	5	313.7	25
KAKAHU BOND 13007	NZE13300013007	4	309.7	19
KOOJAN HILLS GATSBY L43	WKHL43	10	299.1	7
LAWSONS LEO L488	VLYL488	5	321.4	29
LAWSONS LINKEDIN L483	VLYL483	6	296.9	6
MURDEDUKE KICKING K428	CSWK428	11	302.6	9
MURRAY GENESIS M208	NURM208	8	312.8	23
MURRAY PROCEED M204	NURM204	11	316.1	27
NAMPARA LIBERTY L21	SFNL21	5	331.5	32
PA FULL POWER 1208	USA16981588	4	313.3	24
PATHFINDER MAXIMUS M558	SMPM558	1	279.7	1
PRIME LEGEND L77	CXBL77	7	310.7	20
RENNYLEA L683	NORL683	6	321.4	29
RENNYLEA M27	NORM27	5	308.6	17
TE MANIA KALIBROOK K52	VTMK52	10	306.3	14
TE MANIA KIRBY K138	VTMK138	8	288.5	2
TE MANIA LACKEY L27	VTML27	7	318.2	28
TE MANIA LANCASTER L64	VTML64	5	302.3	8
TOPBOS LEADING EDGE L292	DBLL292	6	309.0	18
TWYNAM L096	NXTL096	4	290.8	3
WAITARA 292 LIBERATOR L16	BSCL16	7	307.6	16
WATTLETOP BLACK PEARL M51	NWPM51	2	351.8	34



## Angus Sire Benchmarking Program - Progeny Performance Report

### Cohort: 8 - Scan EMA (sq cm)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
AJC L172	NXOL172	33	59.1	22
ALLOURA LOCK STOCK & BARREL L94	DGJL94	10	57.2	33
BEN NEVIS JUDO J158	NBNJ158	6	57.5	32
BOOROOMOOKA LEROY L173	NGML173	25	59.8	14
BRIDGEWATER STIMULUS K65	BONK065	24	58.8	25
BROOKLANA INFINITY L39	AMQL39	25	56.7	34
CHILTERN PARK MARBLES M3	GTNM3	24	58.5	29
CLUDEN NEWRY ELEVATOR L61	THCL61	21	62.7	5
FARRER M6	NFSM6	22	59.0	23
GLENAVON DOCKLANDS M049	NFWM049	12	59.4	19
HARDHAT RES MICHELIN J536 M56	DKKM56	18	62.5	6
HAZELDEAN KATZEN K416	NHZK416	33	58.7	27
HIGH SPA M8	CJMM8	18	59.0	23
KAKAHU BOND 13007	NZE13300013007	17	57.9	30
KOOJAN HILLS GATSBY L43	WKHL43	24	59.2	20
LAWSONS LEO L488	VLYL488	19	60.5	9
LAWSONS LINKEDIN L483	VLYL483	18	60.0	13
MURDEDUKE KICKING K428	CSWK428	29	58.7	27
MURRAY GENESIS M208	NURM208	18	61.9	7
MURRAY PROCEED M204	NURM204	26	62.9	4
NAMPARA LIBERTY L21	SFNL21	22	58.8	25
PA FULL POWER 1208	USA16981588	19	63.0	3
PATHFINDER MAXIMUS M558	SMPM558	11	60.2	12
PRIME LEGEND L77	CXBL77	22	59.8	14
RENNYLEA L683	NORL683	19	60.3	11
RENNYLEA M27	NORM27	17	63.1	1
TE MANIA KALIBROOK K52	VTMK52	19	59.6	17
TE MANIA KIRBY K138	VTMK138	28	60.5	9
TE MANIA LACKEY L27	VTML27	22	59.6	17
TE MANIA LANCASTER L64	VTML64	28	59.7	16
TOPBOS LEADING EDGE L292	DBLL292	22	59.2	20
TWYNAM L096	NXTL096	14	57.9	30
WAITARA 292 LIBERATOR L16	BSCL16	13	60.9	8
WATTLETOP BIG SKY M34	NWPM34	10	56.6	35
WATTLETOP BLACK PEARL M51	NWPM51	6	63.1	1





## Angus Sire Benchmarking Program - Progeny Performance Report

### Cohort: 8 - Scan Rib Fat (mm)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
AJC L172	NXOL172	33	5.2	22
ALLOURA LOCK STOCK & BARREL L94	DGJL94	10	5.5	16
BEN NEVIS JUDO J158	NBNJ158	6	6.3	1
BOOROOMOOKA LEROY L173	NGML173	25	4.9	30
BRIDGEWATER STIMULUS K65	BONK065	24	5.0	28
BROOKLANA INFINITY L39	AMQL39	24	5.2	22
CHILTERN PARK MARBLES M3	GTNM3	24	5.8	7
CLUDEN NEWRY ELEVATOR L61	THCL61	21	5.1	25
FARRER M6	NFSM6	22	5.2	22
GLENAVON DOCKLANDS M049	NFWM049	12	4.7	33
HARDHAT RES MICHELIN J536 M56	DKKM56	18	5.4	17
HAZELDEAN KATZEN K416	NHZK416	32	6.3	1
HIGH SPA M8	CJMM8	18	4.6	35
KAKAHU BOND 13007	NZE13300013007	17	5.8	7
KOOJAN HILLS GATSBY L43	WKHL43	24	5.6	11
LAWSONS LEO L488	VLYL488	19	5.9	5
LAWSONS LINKEDIN L483	VLYL483	17	5.6	11
MURDEDUKE KICKING K428	CSWK428	29	5.6	11
MURRAY GENESIS M208	NURM208	18	5.8	7
MURRAY PROCEED M204	NURM204	26	5.3	20
NAMPARA LIBERTY L21	SFNL21	23	4.9	30
PA FULL POWER 1208	USA16981588	19	5.1	25
PATHFINDER MAXIMUS M558	SMPM558	11	5.1	25
PRIME LEGEND L77	CXBL77	22	5.4	17
RENNYLEA L683	NORL683	19	5.6	11
RENNYLEA M27	NORM27	17	5.0	28
TE MANIA KALIBROOK K52	VTMK52	19	6.1	4
TE MANIA KIRBY K138	VTMK138	28	5.9	5
TE MANIA LACKEY L27	VTML27	22	5.3	20
TE MANIA LANCASTER L64	VTML64	26	5.8	7
TOPBOS LEADING EDGE L292	DBLL292	22	5.4	17
TWYNAM L096	NXTL096	14	5.6	11
WAITARA 292 LIBERATOR L16	BSCL16	13	4.7	33
WATTLETOP BIG SKY M34	NWPM34	10	4.9	30
WATTLETOP BLACK PEARL M51	NWPM51	6	6.2	3



## Angus Sire Benchmarking Program - Progeny Performance Report

### Cohort: 8 - Scan Rump Fat (mm)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
AJC L172	NXOL172	33	7.0	25
ALLOURA LOCK STOCK & BARREL L94	DGJL94	10	6.7	32
BEN NEVIS JUDO J158	NBNJ158	6	8.0	5
BOOROOMOOKA LEROY L173	NGML173	25	7.2	21
BRIDGEWATER STIMULUS K65	BONK065	24	7.4	16
BROOKLANA INFINITY L39	AMQL39	24	7.6	12
CHILTERN PARK MARBLES M3	GTNM3	24	7.4	16
CLUDEN NEWRY ELEVATOR L61	THCL61	21	7.0	25
FARRER M6	NFSM6	22	7.4	16
GLENAVON DOCKLANDS M049	NFWM049	12	6.9	29
HARDHAT RES MICHELIN J536 M56	DKKM56	18	7.0	25
HAZELDEAN KATZEN K416	NHZK416	32	7.7	9
HIGH SPA M8	CJMM8	18	6.3	35
KAKAHU BOND 13007	NZE13300013007	17	7.4	16
KOOJAN HILLS GATSBY L43	WKHL43	24	7.8	7
LAWSONS LEO L488	VLYL488	18	7.7	9
LAWSONS LINKEDIN L483	VLYL483	18	7.5	14
MURDEDUKE KICKING K428	CSWK428	29	7.0	25
MURRAY GENESIS M208	NURM208	17	7.9	6
MURRAY PROCEED M204	NURM204	26	6.8	30
NAMPARA LIBERTY L21	SFNL21	22	6.7	32
PA FULL POWER 1208	USA16981588	19	8.2	4
PATHFINDER MAXIMUS M558	SMPM558	11	7.6	12
PRIME LEGEND L77	CXBL77	22	7.2	21
RENNYLEA L683	NORL683	19	7.7	9
RENNYLEA M27	NORM27	17	6.8	30
TE MANIA KALIBROOK K52	VTMK52	19	8.5	2
TE MANIA KIRBY K138	VTMK138	28	8.3	3
TE MANIA LACKEY L27	VTML27	22	7.2	21
TE MANIA LANCASTER L64	VTML64	28	7.4	16
TOPBOS LEADING EDGE L292	DBLL292	21	7.5	14
TWYNAM L096	NXTL096	14	7.8	7
WAITARA 292 LIBERATOR L16	BSCL16	13	7.2	21
WATTLETOP BIG SKY M34	NWPM34	10	6.6	34
WATTLETOP BLACK PEARL M51	NWPM51	5	9.2	1



## Angus Sire Benchmarking Program - Progeny Performance Report

### Cohort: 8 - Scan IMF (%)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
AJC L172	NXOL172	33	5.7	20
ALLOURA LOCK STOCK & BARREL L94	DGJL94	10	5.1	34
BEN NEVIS JUDO J158	NBNJ158	6	5.9	11
BOOROOMOOKA LEROY L173	NGML173	25	5.7	20
BRIDGEWATER STIMULUS K65	BONK065	24	5.0	35
BROOKLANA INFINITY L39	AMQL39	25	5.6	24
CHILTERN PARK MARBLES M3	GTNM3	24	6.0	9
CLUDEN NEWRY ELEVATOR L61	THCL61	21	5.8	14
FARRER M6	NFSM6	22	5.8	14
GLENAVON DOCKLANDS M049	NFWM049	12	5.4	30
HARDHAT RES MICHELIN J536 M56	DKKM56	18	5.6	24
HAZELDEAN KATZEN K416	NHZK416	33	5.9	11
HIGH SPA M8	CJMM8	18	5.3	32
KAKAHU BOND 13007	NZE13300013007	17	5.6	24
KOOJAN HILLS GATSBY L43	WKHL43	24	5.6	24
LAWSONS LEO L488	VLYL488	19	6.0	9
LAWSONS LINKEDIN L483	VLYL483	18	6.2	5
MURDEDUKE KICKING K428	CSWK428	29	6.1	6
MURRAY GENESIS M208	NURM208	18	5.9	11
MURRAY PROCEED M204	NURM204	26	6.3	4
NAMPARA LIBERTY L21	SFNL21	23	5.5	29
PA FULL POWER 1208	USA16981588	19	6.1	6
PATHFINDER MAXIMUS M558	SMPM558	11	5.8	14
PRIME LEGEND L77	CXBL77	22	5.8	14
RENNYLEA L683	NORL683	19	5.7	20
RENNYLEA M27	NORM27	17	5.4	30
TE MANIA KALIBROOK K52	VTMK52	19	6.4	2
TE MANIA KIRBY K138	VTMK138	28	6.4	2
TE MANIA LACKEY L27	VTML27	22	5.7	20
TE MANIA LANCASTER L64	VTML64	28	6.1	6
TOPBOS LEADING EDGE L292	DBLL292	22	5.6	24
TWYNAM L096	NXTL096	14	5.8	14
WAITARA 292 LIBERATOR L16	BSCL16	13	5.8	14
WATTLETOP BIG SKY M34	NWPM34	10	5.3	32
WATTLETOP BLACK PEARL M51	NWPM51	6	6.5	1



## Angus Sire Benchmarking Program - Progeny Performance Report

### Cohort: 8 - Carcase Weight (kg)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
AJC L172	NXOL172	20	409.1	23
ALLOURA LOCK STOCK & BARREL L94	DGJL94	9	399.1	30
BEN NEVIS JUDO J158	NBNJ158	3	420.0	10
BOOROOMOOKA LEROY L173	NGML173	13	391.3	34
BRIDGEWATER STIMULUS K65	BONK065	12	398.0	32
BROOKLANA INFINITY L39	AMQL39	17	379.7	35
CHILTERN PARK MARBLES M3	GTNM3	14	401.7	27
CLUDEN NEWRY ELEVATOR L61	THCL61	13	427.1	5
FARRER M6	NFSM6	13	421.0	9
GLENAVON DOCKLANDS M049	NFWM049	9	399.3	29
HARDHAT RES MICHELIN J536 M56	DKKM56	12	404.8	26
HAZELDEAN KATZEN K416	NHZK416	21	415.2	14
HIGH SPA M8	CJMM8	11	412.3	19
KAKAHU BOND 13007	NZE13300013007	14	409.0	24
KOOJAN HILLS GATSBY L43	WKHL43	7	409.7	21
LAWSONS LEO L488	VLYL488	14	424.0	7
LAWSONS LINKEDIN L483	VLYL483	11	436.3	3
MURDEDUKE KICKING K428	CSWK428	17	400.4	28
MURRAY GENESIS M208	NURM208	10	422.2	8
MURRAY PROCEED M204	NURM204	15	412.5	18
NAMPARA LIBERTY L21	SFNL21	19	418.2	12
PA FULL POWER 1208	USA16981588	13	405.7	25
PATHFINDER MAXIMUS M558	SMPM558	10	415.1	15
PRIME LEGEND L77	CXBL77	10	396.4	33
RENNYLEA L683	NORL683	11	427.4	4
RENNYLEA M27	NORM27	11	417.4	13
TE MANIA KALIBROOK K52	VTMK52	8	398.4	31
TE MANIA KIRBY K138	VTMK138	16	413.4	16
TE MANIA LACKEY L27	VTML27	14	419.4	11
TE MANIA LANCASTER L64	VTML64	21	413.0	17
TOPBOS LEADING EDGE L292	DBLL292	12	409.3	22
TWYNAM L096	NXTL096	9	439.7	1
WAITARA 292 LIBERATOR L16	BSCL16	7	410.1	20
WATTLETOP BIG SKY M34	NWPM34	5	424.6	6
WATTLETOP BLACK PEARL M51	NWPM51	5	437.2	2



## Angus Sire Benchmarking Program - Progeny Performance Report

### Cohort: 8 - Carcase EMA (sq cm)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
AJC L172	NXOL172	19	88.7	14
ALLOURA LOCK STOCK & BARREL L94	DGJL94	8	81.4	33
BEN NEVIS JUDO J158	NBNJ158	3	78.7	35
BOOROOMOOKA LEROY L173	NGML173	13	82.9	29
BRIDGEWATER STIMULUS K65	BONK065	10	86.1	21
BROOKLANA INFINITY L39	AMQL39	16	82.0	32
CHILTERN PARK MARBLES M3	GTNM3	14	86.7	18
CLUDEN NEWRY ELEVATOR L61	THCL61	13	92.2	9
FARRER M6	NFSM6	12	92.8	8
GLENAVON DOCKLANDS M049	NFWM049	9	87.7	17
HARDHAT RES MICHELIN J536 M56	DKKM56	12	90.7	12
HAZELDEAN KATZEN K416	NHZK416	21	82.8	31
HIGH SPA M8	CJMM8	11	85.9	23
KAKAHU BOND 13007	NZE13300013007	12	85.7	24
KOOJAN HILLS GATSBY L43	WKHL43	7	84.4	28
LAWSONS LEO L488	VLYL488	14	90.4	13
LAWSONS LINKEDIN L483	VLYL483	9	93.0	7
MURDEDUKE KICKING K428	CSWK428	16	88.2	15
MURRAY GENESIS M208	NURM208	10	94.9	3
MURRAY PROCEED M204	NURM204	15	94.2	4
NAMPARA LIBERTY L21	SFNL21	18	87.8	16
PA FULL POWER 1208	USA16981588	13	93.7	5
PATHFINDER MAXIMUS M558	SMPM558	10	91.1	10
PRIME LEGEND L77	CXBL77	10	86.0	22
RENNYLEA L683	NORL683	11	85.2	26
RENNYLEA M27	NORM27	10	96.4	1
TE MANIA KALIBROOK K52	VTMK52	7	80.1	34
TE MANIA KIRBY K138	VTMK138	15	86.6	19
TE MANIA LACKEY L27	VTML27	14	84.9	27
TE MANIA LANCASTER L64	VTML64	20	85.4	25
TOPBOS LEADING EDGE L292	DBLL292	12	90.8	11
TWYNAM L096	NXTL096	7	82.9	29
WAITARA 292 LIBERATOR L16	BSCL16	6	95.2	2
WATTLETOP BIG SKY M34	NWPM34	5	93.1	6
WATTLETOP BLACK PEARL M51	NWPM51	5	86.4	20



## Angus Sire Benchmarking Program - Progeny Performance Report

### Cohort: 8 - Carcase Rump Fat (mm)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
AJC L172	NXOL172	20	21.3	16
ALLOURA LOCK STOCK & BARREL L94	DGJL94	9	20.5	19
BEN NEVIS JUDO J158	NBNJ158	3	14.8	35
BOOROOMOOKA LEROY L173	NGML173	13	19.2	29
BRIDGEWATER STIMULUS K65	BONK065	12	21.8	11
BROOKLANA INFINITY L39	AMQL39	17	24.3	3
CHILTERN PARK MARBLES M3	GTNM3	14	18.9	30
CLUDEN NEWRY ELEVATOR L61	THCL61	13	20.4	22
FARRER M6	NFSM6	13	23.1	6
GLENAVON DOCKLANDS M049	NFWM049	9	20.0	24
HARDHAT RES MICHELIN J536 M56	DKKM56	12	21.9	10
HAZELDEAN KATZEN K416	NHZK416	21	22.3	9
HIGH SPA M8	CJMM8	11	19.6	27
KAKAHU BOND 13007	NZE13300013007	14	19.8	26
KOOJAN HILLS GATSBY L43	WKHL43	7	22.6	8
LAWSONS LEO L488	VLYL488	14	21.3	16
LAWSONS LINKEDIN L483	VLYL483	11	24.7	2
MURDEDUKE KICKING K428	CSWK428	17	19.9	25
MURRAY GENESIS M208	NURM208	10	20.5	19
MURRAY PROCEED M204	NURM204	15	20.4	22
NAMPARA LIBERTY L21	SFNL21	19	21.7	13
PA FULL POWER 1208	USA16981588	13	24.0	4
PATHFINDER MAXIMUS M558	SMPM558	10	22.8	7
PRIME LEGEND L77	CXBL77	10	19.6	27
RENNYLEA L683	NORL683	11	21.8	11
RENNYLEA M27	NORM27	11	17.4	34
TE MANIA KALIBROOK K52	VTMK52	8	26.8	1
TE MANIA KIRBY K138	VTMK138	16	23.7	5
TE MANIA LACKEY L27	VTML27	14	18.4	32
TE MANIA LANCASTER L64	VTML64	21	20.5	19
TOPBOS LEADING EDGE L292	DBLL292	12	18.4	32
TWYNAM L096	NXTL096	9	21.7	13
WAITARA 292 LIBERATOR L16	BSCL16	7	21.5	15
WATTLETOP BIG SKY M34	NWPM34	5	18.7	31
WATTLETOP BLACK PEARL M51	NWPM51	5	21.0	18



## Angus Sire Benchmarking Program - Progeny Performance Report

### Cohort: 8 - Carcase IMF (%)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
AJC L172	NXOL172	18	10.9	16
ALLOURA LOCK STOCK & BARREL L94	DGJL94	7	11.7	8
BEN NEVIS JUDO J158	NBNJ158	3	11.4	11
BOOROOMOOKA LEROY L173	NGML173	13	10.5	22
BRIDGEWATER STIMULUS K65	BONK065	9	9.2	29
BROOKLANA INFINITY L39	AMQL39	14	10.2	24
CHILTERN PARK MARBLES M3	GTNM3	14	11.8	7
CLUDEN NEWRY ELEVATOR L61	THCL61	12	8.3	31
FARRER M6	NFSM6	12	11.1	15
GLENAVON DOCKLANDS M049	NFWM049	9	11.2	14
HARDHAT RES MICHELIN J536 M56	DKKM56	12	8.3	31
HAZELDEAN KATZEN K416	NHZK416	21	10.4	23
HIGH SPA M8	CJMM8	10	9.3	28
KAKAHU BOND 13007	NZE13300013007	13	11.7	8
KOOJAN HILLS GATSBY L43	WKHL43	6	12.9	5
LAWSONS LEO L488	VLYL488	14	11.3	13
LAWSONS LINKEDIN L483	VLYL483	8	9.1	30
MURDEDUKE KICKING K428	CSWK428	16	10.6	21
MURRAY GENESIS M208	NURM208	8	11.4	11
MURRAY PROCEED M204	NURM204	13	13.3	3
NAMPARA LIBERTY L21	SFNL21	18	8.0	33
PA FULL POWER 1208	USA16981588	11	13.0	4
PATHFINDER MAXIMUS M558	SMPM558	9	10.8	18
PRIME LEGEND L77	CXBL77	10	11.5	10
RENNYLEA L683	NORL683	9	10.8	18
RENNYLEA M27	NORM27	10	10.7	20
TE MANIA KALIBROOK K52	VTMK52	7	14.5	2
TE MANIA KIRBY K138	VTMK138	14	14.6	1
TE MANIA LACKEY L27	VTML27	14	9.7	27
TE MANIA LANCASTER L64	VTML64	18	12.3	6
TOPBOS LEADING EDGE L292	DBLL292	11	10.1	26
TWYNAM L096	NXTL096	6	10.9	16
WAITARA 292 LIBERATOR L16	BSCL16	5	10.2	24
WATTLETOP BIG SKY M34	NWPM34	4	7.3	34
WATTLETOP BLACK PEARL M51	NWPM51	5	6.9	35



## Angus Sire Benchmarking Program - Progeny Performance Report

### Cohort: 8 - Net Feed Intake (kg/day)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
AJC L172	NXOL172	19	-3.1	2
ALLOURA LOCK STOCK & BARREL L94	DGJL94	7	-2.2	22
BEN NEVIS JUDO J158	NBNJ158	3	-1.0	35
BOOROOMOOKA LEROY L173	NGML173	13	-2.2	22
BRIDGEWATER STIMULUS K65	BONK065	11	-2.8	5
BROOKLANA INFINITY L39	AMQL39	16	-2.6	14
CHILTERN PARK MARBLES M3	GTNM3	13	-2.9	4
CLUDEN NEWRY ELEVATOR L61	THCL61	13	-2.0	28
FARRER M6	NFSM6	13	-2.2	22
GLENAVON DOCKLANDS M049	NFWM049	9	-3.3	1
HARDHAT RES MICHELIN J536 M56	DKKM56	11	-3.1	2
HAZELDEAN KATZEN K416	NHZK416	21	-2.3	20
HIGH SPA M8	CJMM8	11	-2.0	28
KAKAHU BOND 13007	NZE13300013007	13	-2.7	9
KOOJAN HILLS GATSBY L43	WKHL43	8	-2.2	22
LAWSONS LEO L488	VLYL488	15	-2.4	17
LAWSONS LINKEDIN L483	VLYL483	9	-2.7	9
MURDEDUKE KICKING K428	CSWK428	16	-2.3	20
MURRAY GENESIS M208	NURM208	10	-1.6	33
MURRAY PROCEED M204	NURM204	15	-2.5	16
NAMPARA LIBERTY L21	SFNL21	18	-2.7	9
PA FULL POWER 1208	USA16981588	13	-2.1	27
PATHFINDER MAXIMUS M558	SMPM558	9	-2.6	14
PRIME LEGEND L77	CXBL77	12	-2.4	17
RENNYLEA L683	NORL683	14	-1.7	31
RENNYLEA M27	NORM27	10	-2.7	9
TE MANIA KALIBROOK K52	VTMK52	6	-1.1	34
TE MANIA KIRBY K138	VTMK138	16	-1.7	31
TE MANIA LACKEY L27	VTML27	14	-2.8	5
TE MANIA LANCASTER L64	VTML64	20	-2.8	5
TOPBOS LEADING EDGE L292	DBLL292	14	-2.4	17
TWYNAM L096	NXTL096	8	-2.8	5
WAITARA 292 LIBERATOR L16	BSCL16	6	-2.2	22
WATTLETOP BIG SKY M34	NWPM34	5	-1.9	30
WATTLETOP BLACK PEARL M51	NWPM51	4	-2.7	9





## Angus Sire Benchmarking Program - Progeny Performance Report

### Cohort: 8 - MSA Marble Score (Score)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
AJC L172	NXOL172	20	542.6	13
ALLOURA LOCK STOCK & BARREL L94	DGJL94	9	548.1	10
BEN NEVIS JUDO J158	NBNJ158	3	488.8	28
BOOROOMOOKA LEROY L173	NGML173	13	531.4	17
BRIDGEWATER STIMULUS K65	BONK065	12	468.5	31
BROOKLANA INFINITY L39	AMQL39	17	509.7	22
CHILTERN PARK MARBLES M3	GTNM3	14	534.1	16
CLUDEN NEWRY ELEVATOR L61	THCL61	13	452.8	32
FARRER M6	NFSM6	13	548.6	9
GLENAVON DOCKLANDS M049	NFWM049	9	543.9	12
HARDHAT RES MICHELIN J536 M56	DKKM56	12	495.6	26
HAZELDEAN KATZEN K416	NHZK416	21	503.3	23
HIGH SPA M8	CJMM8	11	489.5	27
KAKAHU BOND 13007	NZE13300013007	14	557.2	7
KOOJAN HILLS GATSBY L43	WKHL43	7	622.4	2
LAWSONS LEO L488	VLYL488	14	525.2	20
LAWSONS LINKEDIN L483	VLYL483	11	500.0	25
MURDEDUKE KICKING K428	CSWK428	17	529.0	18
MURRAY GENESIS M208	NURM208	10	488.7	29
MURRAY PROCEED M204	NURM204	15	655.6	1
NAMPARA LIBERTY L21	SFNL21	19	443.5	33
PA FULL POWER 1208	USA16981588	13	555.8	8
PATHFINDER MAXIMUS M558	SMPM558	10	539.9	14
PRIME LEGEND L77	CXBL77	10	562.6	6
RENNYLEA L683	NORL683	11	500.7	24
RENNYLEA M27	NORM27	11	527.0	19
TE MANIA KALIBROOK K52	VTMK52	8	569.2	5
TE MANIA KIRBY K138	VTMK138	16	600.2	3
TE MANIA LACKEY L27	VTML27	14	475.4	30
TE MANIA LANCASTER L64	VTML64	21	592.4	4
TOPBOS LEADING EDGE L292	DBLL292	12	544.6	11
TWYNAM L096	NXTL096	9	515.3	21
WAITARA 292 LIBERATOR L16	BSCL16	7	536.5	15
WATTLETOP BIG SKY M34	NWPM34	5	437.7	34
WATTLETOP BLACK PEARL M51	NWPM51	5	411.3	35



## Angus Sire Benchmarking Program - Progeny Performance Report

### Cohort: 8 - MSA Ossification (Score)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
AJC L172	NXOL172	20	145.4	22
ALLOURA LOCK STOCK & BARREL L94	DGJL94	9	139.1	5
BEN NEVIS JUDO J158	NBNJ158	3	152.5	34
BOOROOMOOKA LEROY L173	NGML173	13	140.7	7
BRIDGEWATER STIMULUS K65	BONK065	12	143.7	16
BROOKLANA INFINITY L39	AMQL39	17	137.2	3
CHILTERN PARK MARBLES M3	GTNM3	14	150.3	32
CLUDEN NEWRY ELEVATOR L61	THCL61	13	147.3	27
FARRER M6	NFSM6	13	147.0	25
GLENAVON DOCKLANDS M049	NFWM049	9	134.8	2
HARDHAT RES MICHELIN J536 M56	DKKM56	12	145.1	21
HAZELDEAN KATZEN K416	NHZK416	21	144.3	18
HIGH SPA M8	CJMM8	11	139.4	6
KAKAHU BOND 13007	NZE13300013007	14	145.5	23
KOOJAN HILLS GATSBY L43	WKHL43	7	131.5	1
LAWSONS LEO L488	VLYL488	14	141.5	8
LAWSONS LINKEDIN L483	VLYL483	11	146.8	24
MURDEDUKE KICKING K428	CSWK428	17	149.7	30
MURRAY GENESIS M208	NURM208	10	149.7	30
MURRAY PROCEED M204	NURM204	15	142.7	12
NAMPARA LIBERTY L21	SFNL21	19	143.3	14
PA FULL POWER 1208	USA16981588	13	143.9	17
PATHFINDER MAXIMUS M558	SMPM558	10	142.1	11
PRIME LEGEND L77	CXBL77	11	143.6	15
RENNYLEA L683	NORL683	12	144.6	20
RENNYLEA M27	NORM27	11	154.2	35
TE MANIA KALIBROOK K52	VTMK52	8	148.4	29
TE MANIA KIRBY K138	VTMK138	16	142.7	12
TE MANIA LACKEY L27	VTML27	14	147.2	26
TE MANIA LANCASTER L64	VTML64	21	141.8	9
TOPBOS LEADING EDGE L292	DBLL292	12	144.5	19
TWYNAM L096	NXTL096	9	147.3	27
WAITARA 292 LIBERATOR L16	BSCL16	7	150.7	33
WATTLETOP BIG SKY M34	NWPM34	5	139.0	4
WATTLETOP BLACK PEARL M51	NWPM51	5	141.9	10



## Angus Sire Benchmarking Program - Progeny Performance Report

### Cohort: 8 - MSA Index (Index)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
AJC L172	NXOL172	20	64.6	13
ALLOURA LOCK STOCK & BARREL L94	DGJL94	9	65.1	7
BEN NEVIS JUDO J158	NBNJ158	3	63.5	32
BOOROOMOOKA LEROY L173	NGML173	13	64.1	23
BRIDGEWATER STIMULUS K65	BONK065	12	63.4	33
BROOKLANA INFINITY L39	AMQL39	17	63.9	28
CHILTERN PARK MARBLES M3	GTNM3	14	64.2	22
CLUDEN NEWRY ELEVATOR L61	THCL61	13	63.7	31
FARRER M6	NFSM6	13	64.5	16
GLENAVON DOCKLANDS M049	NFWM049	9	65.3	4
HARDHAT RES MICHELIN J536 M56	DKKM56	12	64.0	24
HAZELDEAN KATZEN K416	NHZK416	21	64.6	13
HIGH SPA M8	CJMM8	11	64.3	20
KAKAHU BOND 13007	NZE13300013007	14	64.9	8
KOOJAN HILLS GATSBY L43	WKHL43	7	67.0	1
LAWSONS LEO L488	VLYL488	14	64.9	8
LAWSONS LINKEDIN L483	VLYL483	11	64.8	10
MURDEDUKE KICKING K428	CSWK428	17	63.9	28
MURRAY GENESIS M208	NURM208	10	64.0	24
MURRAY PROCEED M204	NURM204	15	65.7	2
NAMPARA LIBERTY L21	SFNL21	19	63.4	33
PA FULL POWER 1208	USA16981588	12	64.4	18
PATHFINDER MAXIMUS M558	SMPM558	10	64.4	18
PRIME LEGEND L77	CXBL77	11	64.3	20
RENNYLEA L683	NORL683	12	64.7	12
RENNYLEA M27	NORM27	11	63.9	28
TE MANIA KALIBROOK K52	VTMK52	8	64.6	13
TE MANIA KIRBY K138	VTMK138	16	65.3	4
TE MANIA LACKEY L27	VTML27	14	64.0	24
TE MANIA LANCASTER L64	VTML64	21	65.6	3
TOPBOS LEADING EDGE L292	DBLL292	12	64.5	16
TWYNAM L096	NXTL096	9	65.2	6
WAITARA 292 LIBERATOR L16	BSCL16	7	64.8	10
WATTLETOP BIG SKY M34	NWPM34	5	64.0	24
WATTLETOP BLACK PEARL M51	NWPM51	5	63.2	35



## 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: 8 - Docility (Score)

Sire Name	Sire ID	Number of Progeny	Progeny % Score 1-1.5	Rank
AJC L172	NXOL172	36	69.4	12
ALLOURA LOCK STOCK & BARREL L94	DGJL94	14	71.4	10
BEN NEVIS JUDO J158	NBNJ158	12	58.3	27
BOOROOMOOKA LEROY L173	NGML173	29	69.0	13
BRIDGEWATER STIMULUS K65	BONK065	36	88.9	2
BROOKLANA INFINITY L39	AMQL39	33	66.7	17
CHILTERN PARK MARBLES M3	GTNM3	30	73.3	9
CLUDEN NEWRY ELEVATOR L61	THCL61	25	64.0	22
FARRER M6	NFSM6	27	59.3	26
GLENAVON DOCKLANDS M049	NFWM049	17	35.3	35
HARDHAT RES MICHELIN J536 M56	DKKM56	22	68.2	15
HAZELDEAN KATZEN K416	NHZK416	42	66.7	17
HIGH SPA M8	CJMM8	20	80.0	6
KAKAHU BOND 13007	NZE13300013007	21	71.4	10
KOOJAN HILLS GATSBY L43	WKHL43	29	65.5	20
LAWSONS LEO L488	VLYL488	27	37.0	34
LAWSONS LINKEDIN L483	VLYL483	24	58.3	27
MURDEDUKE KICKING K428	CSWK428	37	67.6	16
MURRAY GENESIS M208	NURM208	24	58.3	27
MURRAY PROCEED M204	NURM204	32	56.3	31
NAMPARA LIBERTY L21	SFNL21	32	65.6	19
PA FULL POWER 1208	USA16981588	24	58.3	27
PATHFINDER MAXIMUS M558	SMPM558	12	83.3	4
PRIME LEGEND L77	CXBL77	30	76.7	8
RENNYLEA L683	NORL683	27	63.0	24
RENNYLEA M27	NORM27	24	83.3	4
TE MANIA KALIBROOK K52	VTMK52	22	63.6	23
TE MANIA KIRBY K138	VTMK138	32	56.3	31
TE MANIA LACKEY L27	VTML27	25	84.0	3
TE MANIA LANCASTER L64	VTML64	35	60.0	25
TOPBOS LEADING EDGE L292	DBLL292	29	65.5	20
TWYNAM L096	NXTL096	19	68.4	14
WAITARA 292 LIBERATOR L16	BSCL16	21	52.4	33
WATTLETOP BIG SKY M34	NWPM34	11	100.0	1
WATTLETOP BLACK PEARL M51	NWPM51	9	77.8	7



## 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 MARBLES M3	GTNM3	23	69.6	8
CLUDEN NEWRY ELEVATOR L61	THCL61	20	50.0	19
FARRER M6	NFSM6	21	61.9	10
GLENAVON DOCKLANDS M049	NFWM049	11	18.2	35
HARDHAT RES MICHELIN J536 M56	DKKM56	18	72.2	5
HAZELDEAN KATZEN K416	NHZK416	33	54.5	15
HIGH SPA M8	CJMM8	18	55.6	14
KAKAHU BOND 13007	NZE13300013007	17	23.5	34
KOOJAN HILLS GATSBY L43	WKHL43	24	50.0	19
LAWSONS LEO L488	VLYL488	19	68.4	9
LAWSONS LINKEDIN L483	VLYL483	18	50.0	19
MURDEDUKE KICKING K428	CSWK428	29	41.4	27
MURRAY GENESIS M208	NURM208	18	61.1	11
MURRAY PROCEED M204	NURM204	26	38.5	29
NAMPARA LIBERTY L21	SFNL21	24	50.0	19
PA FULL POWER 1208	USA16981588	19	52.6	17
PATHFINDER MAXIMUS M558	SMPM558	11	54.5	15
PRIME LEGEND L77	CXBL77	22	50.0	19
RENNYLEA L683	NORL683	18	77.8	3
RENNYLEA M27	NORM27	17	76.5	4
TE MANIA KALIBROOK K52	VTMK52	19	42.1	26
TE MANIA KIRBY K138	VTMK138	28	35.7	31
TE MANIA LACKEY L27	VTML27	21	71.4	6
TE MANIA LANCASTER L64	VTML64	27	70.4	7
TOPBOS LEADING EDGE L292	DBLL292	22	31.8	33
TWYNAM L096	NXTL096	12	58.3	13
WAITARA 292 LIBERATOR L16	BSCL16	14	35.7	31
WATTLETOP BIG SKY M34	NWPM34	9	88.9	1
WATTLETOP BLACK PEARL M51	NWPM51	6	50.0	19



## Angus Sire Benchmarking Program - Progeny Performance Report

### Cohort: 8 - Foot Angle (Score)

Sire Name	Sire ID	Number of Progeny	Progeny % Score 5-6	Rank
AJC L172	NXOL172	33	60.6	34
ALLOURA LOCK STOCK & BARREL L94	DGJL94	10	80.0	24
BEN NEVIS JUDO J158	NBNJ158	5	60.0	35
BOOROOMOOKA LEROY L173	NGML173	25	84.0	16
BRIDGEWATER STIMULUS K65	BONK065	24	83.3	17
BROOKLANA INFINITY L39	AMQL39	25	72.0	31
CHILTERN PARK MARBLES M3	GTNM3	23	78.3	28
CLUDEN NEWRY ELEVATOR L61	THCL61	20	75.0	30
FARRER M6	NFSM6	21	85.7	13
GLENAVON DOCKLANDS M049	NFWM049	11	81.8	21
HARDHAT RES MICHELIN J536 M56	DKKM56	18	94.4	3
HAZELDEAN KATZEN K416	NHZK416	33	97.0	2
HIGH SPA M8	CJMM8	18	88.9	9
KAKAHU BOND 13007	NZE13300013007	17	70.6	32
KOOJAN HILLS GATSBY L43	WKHL43	24	79.2	26
LAWSONS LEO L488	VLYL488	19	78.9	27
LAWSONS LINKEDIN L483	VLYL483	18	94.4	3
MURDEDUKE KICKING K428	CSWK428	29	79.3	25
MURRAY GENESIS M208	NURM208	18	83.3	17
MURRAY PROCEED M204	NURM204	26	92.3	6
NAMPARA LIBERTY L21	SFNL21	24	87.5	11
PA FULL POWER 1208	USA16981588	19	84.2	14
PATHFINDER MAXIMUS M558	SMPM558	11	90.9	7
PRIME LEGEND L77	CXBL77	22	90.9	7
RENNYLEA L683	NORL683	18	83.3	17
RENNYLEA M27	NORM27	17	88.2	10
TE MANIA KALIBROOK K52	VTMK52	19	84.2	14
TE MANIA KIRBY K138	VTMK138	28	92.9	5
TE MANIA LACKEY L27	VTML27	21	81.0	23
TE MANIA LANCASTER L64	VTML64	27	81.5	22
TOPBOS LEADING EDGE L292	DBLL292	22	86.4	12
TWYNAM L096	NXTL096	12	83.3	17
WAITARA 292 LIBERATOR L16	BSCL16	14	64.3	33
WATTLETOP BIG SKY M34	NWPM34	9	77.8	29
WATTLETOP BLACK PEARL M51	NWPM51	6	100.0	1



## Angus Sire Benchmarking Program - Progeny Performance Report

### Cohort: 8 - Coat Type (Score)

Sire Name	Sire ID	Number of Progeny	Progeny % Score 1-2	Rank
AJC L172	NXOL172	30	36.7	31
ALLOURA LOCK STOCK & BARREL L94	DGJL94	8	87.5	5
BEN NEVIS JUDO J158	NBNJ158	4	25.0	34
BOOROOMOOKA LEROY L173	NGML173	22	72.7	9
BRIDGEWATER STIMULUS K65	BONK065	17	35.3	32
BROOKLANA INFINITY L39	AMQL39	25	60.0	19
CHILTERN PARK MARBLES M3	GTNM3	20	60.0	19
CLUDEN NEWRY ELEVATOR L61	THCL61	16	93.8	2
FARRER M6	NFSM6	18	61.1	18
GLENAVON DOCKLANDS M049	NFWM049	9	66.7	15
HARDHAT RES MICHELIN J536 M56	DKKM56	14	50.0	27
HAZELDEAN KATZEN K416	NHZK416	26	69.2	13
HIGH SPA M8	CJMM8	17	64.7	16
KAKAHU BOND 13007	NZE13300013007	16	68.8	14
KOOJAN HILLS GATSBY L43	WKHL43	21	61.9	17
LAWSONS LEO L488	VLYL488	18	72.2	11
LAWSONS LINKEDIN L483	VLYL483	15	73.3	8
MURDEDUKE KICKING K428	CSWK428	25	52.0	26
MURRAY GENESIS M208	NURM208	13	46.2	28
MURRAY PROCEED M204	NURM204	22	72.7	9
NAMPARA LIBERTY L21	SFNL21	24	29.2	33
PA FULL POWER 1208	USA16981588	18	55.6	22
PATHFINDER MAXIMUS M558	SMPM558	10	60.0	19
PRIME LEGEND L77	CXBL77	19	52.6	25
RENNYLEA L683	NORL683	16	93.8	2
RENNYLEA M27	NORM27	11	45.5	29
TE MANIA KALIBROOK K52	VTMK52	15	53.3	24
TE MANIA KIRBY K138	VTMK138	23	69.6	12
TE MANIA LACKEY L27	VTML27	18	77.8	6
TE MANIA LANCASTER L64	VTML64	24	54.2	23
TOPBOS LEADING EDGE L292	DBLL292	19	89.5	4
TWYNAM L096	NXTL096	9	77.8	6
WAITARA 292 LIBERATOR L16	BSCL16	12	25.0	34
WATTLETOP BIG SKY M34	NWPM34	7	42.9	30
WATTLETOP BLACK PEARL M51	NWPM51	5	100.0	1





## 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 8

### 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
NXOL172 AUC L172	34.0 (10)	277.7 (8)	191.2 (14)	345.0 (14)	599.4 (10)	314.6 (26)	59.1 (22)	5.2 (22)	7.0 (25)	5.7 (20)	409.1 (23)	88.7 (14)	10.9 (16)	-3.1 (2)	542.6 (13)	145.4 (22)	64.6 (13)	69.4 (12)	36.4 (30)	60.6 (34)	36.7 (31)
DGJL94 ALLOURA LOCK STOCK & BARREL L94	34.6 (17)	280.6 (28)	186.4 (23)	319.2 (35)	572.9 (33)	305.8 (13)	57.2 (33)	5.5 (16)	6.7 (32)	5.1 (34)	399.1 (30)	81.4 (33)	11.7 (8)	-2.2 (22)	548.1 (10)	139.1 (5)	65.1 (7)	71.4 (10)	40.0 (28)	80.0 (24)	87.5 (5)
NBNJ158 BEN NEVIS JUDO J158	34.5 (16)	283.3 (35)	182.8 (26)	340.6 (21)	595.9 (15)	342.8 (33)	57.5 (32)	6.3 (1)	8.0 (5)	5.9 (11)	420.0 (10)	78.7 (35)	11.4 (11)	-1.0 (35)	488.8 (28)	152.5 (34)	63.5 (32)	58.3 (27)	60.0 (12)	60.0 (35)	25.0 (34)
NGML173 BOOROOMOOKA LEROY L173	35.8 (27)	279.8 (25)	197.7 (4)	342.7 (19)	576.1 (32)	310.9 (22)	59.8 (14)	4.9 (30)	7.2 (21)	5.7 (20)	391.3 (34)	82.9 (29)	10.5 (22)	-2.2 (22)	531.4 (17)	140.7 (7)	64.1 (23)	69.0 (13)	44.0 (25)	84.0 (16)	72.7 (9)
BONK065 BRIDGEWATER STIMULUS K65	36.3 (31)	276.0 (2)	196.2 (6)	343.8 (17)	586.4 (25)	328.7 (31)	58.8 (25)	5.0 (28)	7.4 (16)	5.0 (35)	398.0 (32)	86.1 (21)	9.2 (29)	-2.8 (5)	468.5 (31)	143.7 (16)	63.4 (33)	88.9 (2)	79.2 (2)	83.3 (17)	35.3 (32)
AMQL39 BROOKLANA INFINITY L39	35.7 (26)	280.8 (29)	180.6 (30)	322.5 (34)	564.2 (35)	307.4 (15)	56.7 (34)	5.2 (22)	7.6 (12)	5.6 (24)	379.7 (35)	82.0 (32)	10.2 (24)	-2.6 (14)	509.7 (22)	137.2 (3)	63.9 (28)	66.7 (17)	52.0 (18)	72.0 (31)	60.0 (19)
GTNM3 CHILTERN PARK MARBLES M3	33.7 (8)	278.9 (13)	177.5 (34)	328.8 (33)	581.3 (29)	310.8 (21)	58.5 (29)	5.8 (7)	7.4 (16)	6.0 (9)	401.7 (27)	86.7 (18)	11.8 (7)	-2.9 (4)	534.1 (16)	150.3 (32)	64.2 (22)	73.3 (9)	69.6 (8)	78.3 (28)	60.0 (19)
THCL61 CLUDEN NEWRY ELEVATOR L61	36.1 (30)	279.7 (22)	190.2 (17)	348.9 (7)	608.3 (5)	303.4 (10)	62.7 (5)	5.1 (25)	7.0 (25)	5.8 (14)	427.1 (5)	92.2 (9)	8.3 (31)	-2.0 (28)	452.8 (32)	147.3 (27)	63.7 (31)	64.0 (22)	50.0 (19)	75.0 (30)	93.8 (2)
NFSM6 FARRER M6	33.0 (2)	279.1 (15)	187.0 (21)	334.7 (27)	597.3 (13)	296.3 (5)	59.0 (23)	5.2 (22)	7.4 (16)	5.8 (14)	421.0 (9)	92.8 (8)	11.1 (15)	-2.2 (22)	548.6 (9)	147.0 (25)	64.5 (16)	59.3 (26)	61.9 (10)	85.7 (13)	61.1 (18)
NFWM049 GLENAYON DOCKLANDS M049	35.3 (19)	277.3 (5)	184.1 (25)	344.5 (16)	592.0 (20)	292.9 (4)	59.4 (19)	4.7 (33)	6.9 (29)	5.4 (30)	399.3 (29)	87.7 (17)	11.2 (14)	-3.3 (1)	543.9 (12)	134.8 (2)	65.3 (4)	35.3 (35)	18.2 (35)	81.8 (21)	66.7 (15)
DKKM56 HARDHAT RES MICHELIN J536 M56	37.7 (34)	282.5 (34)	190.0 (18)	348.3 (8)	587.3 (24)	304.3 (11)	62.5 (6)	5.4 (17)	7.0 (25)	5.6 (24)	404.8 (26)	90.7 (12)	8.3 (31)	-3.1 (2)	495.6 (26)	145.1 (21)	64.0 (24)	68.2 (15)	72.2 (5)	94.4 (3)	50.0 (27)
NHZK416 HAZELDEAN KATZEN K416	33.4 (5)	275.1 (1)	188.2 (20)	339.7 (23)	598.2 (12)	305.3 (12)	58.7 (27)	6.3 (1)	7.7 (9)	5.9 (11)	415.2 (14)	82.8 (31)	10.4 (23)	-2.3 (20)	503.3 (23)	144.3 (18)	64.6 (13)	66.7 (17)	54.5 (15)	97.0 (2)	69.2 (13)
CJMM8 HIGH SPA M8	36.0 (29)	279.4 (20)	180.0 (31)	336.9 (26)	592.6 (19)	313.7 (25)	59.0 (23)	4.6 (35)	6.3 (35)	5.3 (32)	412.3 (19)	85.9 (23)	9.3 (28)	-2.0 (28)	489.5 (27)	139.4 (6)	64.3 (20)	80.0 (6)	55.6 (14)	88.9 (9)	64.7 (16)
NZE13300013007 KAKAHU BOND 13007	33.6 (6)	278.5 (10)	192.8 (10)	334.2 (28)	579.2 (31)	309.7 (19)	57.9 (30)	5.8 (7)	7.4 (16)	5.6 (24)	409.0 (24)	85.7 (24)	11.7 (8)	-2.7 (9)	557.2 (7)	145.5 (23)	64.9 (8)	71.4 (10)	23.5 (34)	70.6 (32)	68.8 (14)
WKHL43 KOOJAN HILLS GATSBY L43	34.3 (13)	279.4 (20)	186.1 (24)	331.2 (31)	585.7 (27)	299.1 (7)	59.2 (20)	5.6 (11)	7.8 (7)	5.6 (24)	409.7 (21)	84.4 (28)	12.9 (5)	-2.2 (22)	622.4 (2)	131.5 (1)	67.0 (1)	65.5 (20)	50.0 (19)	79.2 (26)	61.9 (17)
VLYL488 LAWSONS LEO L488	34.1 (11)	278.9 (13)	192.0 (12)	339.9 (22)	602.4 (7)	321.4 (29)	60.5 (9)	5.9 (5)	7.7 (9)	6.0 (9)	424.0 (7)	90.4 (13)	11.3 (13)	-2.4 (17)	525.2 (20)	141.5 (8)	64.9 (8)	37.0 (34)	68.4 (9)	78.9 (27)	72.2 (11)
VLYL483 LAWSONS LINKEDIN L483	33.3 (4)	280.3 (26)	182.0 (29)	349.9 (6)	622.3 (3)	296.9 (6)	60.0 (13)	5.6 (11)	7.5 (14)	6.2 (5)	436.3 (3)	93.0 (7)	9.1 (30)	-2.7 (9)	500.0 (25)	146.8 (24)	64.8 (10)	58.3 (27)	50.0 (19)	94.4 (3)	73.3 (8)
CSWK428 MURDEDUKE KICKING K428	34.7 (18)	278.7 (12)	182.5 (28)	333.9 (29)	588.7 (23)	302.6 (9)	58.7 (27)	5.6 (11)	7.0 (25)	6.1 (6)	400.4 (28)	88.2 (15)	10.6 (21)	-2.3 (20)	529.0 (18)	149.7 (30)	63.9 (28)	67.6 (16)	41.4 (27)	79.3 (25)	52.0 (26)
NURM208 MURRAY GENESIS M208	35.3 (19)	278.6 (11)	191.6 (13)	345.6 (12)	592.7 (18)	312.8 (23)	61.9 (7)	5.8 (7)	7.9 (6)	5.9 (11)	422.2 (8)	94.9 (3)	11.4 (11)	-1.6 (33)	488.7 (29)	149.7 (30)	64.0 (24)	58.3 (27)	61.1 (11)	83.3 (17)	46.2 (28)
NURM204 MURRAY PROCEED M204	35.4 (21)	280.5 (27)	196.7 (5)	355.9 (1)	591.0 (21)	316.1 (27)	62.9 (4)	5.3 (20)	6.8 (30)	6.3 (4)	412.5 (18)	94.2 (4)	13.3 (3)	-2.5 (16)	655.6 (1)	142.7 (12)	65.7 (2)	56.3 (31)	38.5 (29)	92.3 (6)	72.7 (9)
SFNL21 NAMPARA LIBERTY L21	37.9 (35)	278.3 (9)	199.4 (2)	348.1 (9)	602.6 (6)	331.5 (32)	58.8 (25)	4.9 (30)	6.7 (32)	5.5 (29)	418.2 (12)	87.8 (16)	8.0 (33)	-2.7 (9)	443.5 (33)	143.3 (14)	63.4 (33)	65.6 (19)	50.0 (19)	87.5 (11)	29.2 (33)
USA16981588 PA FULL POWER 1208	35.6 (24)	279.2 (16)	192.5 (11)	344.8 (15)	580.7 (30)	313.3 (24)	63.0 (3)	5.1 (25)	8.2 (4)	6.1 (6)	405.7 (25)	93.7 (5)	13.0 (4)	-2.1 (27)	555.8 (8)	143.9 (17)	64.4 (18)	58.3 (27)	52.6 (17)	84.2 (14)	55.6 (22)



## Angus Sire Benchmarking Program - Cohort 8

### 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
SMPM558 PATHFINDER MAXIMUS M558	35.5 (23)	281.1 (30)	196.1 (7)	354.5 (2)	599.0 (11)	279.7 (1)	60.2 (12)	5.1 (25)	7.6 (12)	5.8 (14)	415.1 (15)	91.1 (10)	10.8 (18)	-2.6 (14)	539.9 (14)	142.1 (11)	64.4 (18)	83.3 (4)	54.5 (15)	90.9 (7)	60.0 (19)
CXBL77 PRIME LEGEND L77	34.1 (11)	277.4 (7)	182.7 (27)	337.8 (24)	567.9 (34)	310.7 (20)	59.8 (14)	5.4 (17)	7.2 (21)	5.8 (14)	396.4 (33)	86.0 (22)	11.5 (10)	-2.4 (17)	562.6 (6)	143.6 (15)	64.3 (20)	76.7 (8)	50.0 (19)	90.9 (7)	52.6 (25)
NORL683 RENNYLEA L683	35.4 (21)	279.7 (22)	190.5 (16)	342.0 (20)	597.2 (14)	321.4 (29)	60.3 (11)	5.6 (11)	7.7 (9)	5.7 (20)	427.4 (4)	85.2 (26)	10.8 (18)	-1.7 (31)	500.7 (24)	144.6 (20)	64.7 (12)	63.0 (24)	77.8 (3)	83.3 (17)	93.8 (2)
NORM27 RENNYLEA M27	36.8 (33)	279.3 (19)	198.0 (3)	351.5 (5)	590.0 (22)	308.6 (17)	63.1 (1)	5.0 (28)	6.8 (30)	5.4 (30)	417.4 (13)	96.4 (1)	10.7 (20)	-2.7 (9)	527.0 (19)	154.2 (35)	63.9 (28)	83.3 (4)	76.5 (4)	88.2 (10)	45.5 (29)
VTMK52 TE MANIA KALIBROOK K52	33.8 (9)	282.1 (32)	186.6 (22)	346.3 (11)	585.3 (28)	306.3 (14)	59.6 (17)	6.1 (4)	8.5 (2)	6.4 (2)	398.4 (31)	80.1 (34)	14.5 (2)	-1.1 (34)	569.2 (5)	148.4 (29)	64.6 (13)	63.6 (23)	42.1 (26)	84.2 (14)	53.3 (24)
VTMK138 TE MANIA KIRBY K138	35.6 (24)	281.5 (31)	193.7 (9)	343.3 (18)	592.9 (17)	288.5 (2)	60.5 (9)	5.9 (5)	8.3 (3)	6.4 (2)	413.4 (16)	86.6 (19)	14.6 (1)	-1.7 (31)	600.2 (3)	142.7 (12)	65.3 (4)	56.3 (31)	35.7 (31)	92.9 (5)	69.6 (12)
VTML27 TE MANIA LACKEY L27	34.3 (13)	277.3 (5)	194.0 (8)	352.5 (4)	625.0 (2)	318.2 (28)	59.6 (17)	5.3 (20)	7.2 (21)	5.7 (20)	419.4 (11)	84.9 (27)	9.7 (27)	-2.8 (5)	475.4 (30)	147.2 (26)	64.0 (24)	84.0 (3)	71.4 (6)	81.0 (23)	77.8 (6)
VTML64 TE MANIA LANCASTER L64	33.6 (6)	276.7 (3)	190.9 (15)	337.8 (24)	585.8 (26)	302.3 (8)	59.7 (16)	5.8 (7)	7.4 (16)	6.1 (6)	413.0 (17)	85.4 (25)	12.3 (6)	-2.8 (5)	592.4 (4)	141.8 (9)	65.6 (3)	60.0 (25)	70.4 (7)	81.5 (22)	54.2 (23)
DBLL292 TOPBOS LEADING EDGE L292	36.5 (32)	279.2 (16)	199.9 (1)	354.0 (3)	600.9 (8)	309.0 (18)	59.2 (20)	5.4 (17)	7.5 (14)	5.6 (24)	409.3 (22)	90.8 (11)	10.1 (26)	-2.4 (17)	544.6 (11)	144.5 (19)	64.5 (16)	65.5 (20)	31.8 (33)	86.4 (12)	89.5 (4)
NXTL096 TWYNAM L096	32.8 (1)	276.9 (4)	188.3 (19)	347.4 (10)	621.9 (4)	290.8 (3)	57.9 (30)	5.6 (11)	7.8 (7)	5.8 (14)	439.7 (1)	82.9 (29)	10.9 (16)	-2.8 (5)	515.3 (21)	147.3 (27)	65.2 (6)	68.4 (14)	58.3 (13)	83.3 (17)	77.8 (6)
BSCL16 WAITARA 292 LIBERATOR L16	33.0 (2)	279.7 (22)	178.7 (33)	331.4 (30)	599.5 (9)	307.6 (16)	60.9 (8)	4.7 (33)	7.2 (21)	5.8 (14)	410.1 (20)	95.2 (2)	10.2 (24)	-2.2 (22)	536.5 (15)	150.7 (33)	64.8 (10)	52.4 (33)	35.7 (31)	64.3 (33)	25.0 (34)
NWPM34 WATTLETOP BIG SKY M34	34.4 (15)	282.2 (33)	179.7 (32)	330.6 (32)	595.4 (16)		56.6 (35)	4.9 (30)	6.6 (34)	5.3 (32)	424.6 (6)	93.1 (6)	7.3 (34)	-1.9 (30)	437.7 (34)	139.0 (4)	64.0 (24)	100.0 (1)	88.9 (1)	77.8 (29)	42.9 (30)
NWPM51 WATTLETOP BLACK PEARL M51	35.8 (27)	279.2 (16)	176.7 (35)	345.4 (13)	636.6 (1)	351.8 (34)	63.1 (1)	6.2 (3)	9.2 (1)	6.5 (1)	437.2 (2)	86.4 (20)	6.9 (35)	-2.7 (9)	411.3 (35)	141.9 (10)	63.2 (35)	77.8 (7)	50.0 (19)	100.0 (1)	100.0 (1)