



# PROGENY PERFORMANCE REPORT

## COHORT 9



### **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**

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Rob and Sally Bulle, Ardrossan, Holbrook, NSW.  
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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 9

## 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>NXOL99</b> USA16073564 NXOJ112	<b>AJC L99 PV</b> APR	9	258	35	+6.3	-1.1	-5.2	+5.4	+64	+111	+148	+124	+21	+3.3	-8.2	+100	+9.4	-1.5	+0.9	+0.6	+2.2	-0.55	+14	+1.28	+1.12	+0.96	\$282	\$469
<b>WJMM117</b> WJMF96 WJMG78	<b>ARDCAIRNIE M117 SV</b> HBR	5	117	35	+5.5	+3.1	-6.2	+4.0	+58	+103	+135	+133	+6	+2.8	-5.8	+80	+11.7	-0.8	-2.2	+1.7	+0.3	-0.15	+20	+0.92	+1.02	+0.86	\$230	\$413
<b>ECMM114</b> VTMB1 BBAZ107	<b>BANNABY BERKLEY M114 SV</b> HBR	5	57	10	+4.1	+5.5	-10.7	+4.4	+61	+100	+146	+170	+5	+4.7	-8.2	+73	+2.7	-0.8	-3.6	+0.3	+1.8	-0.18	+25	+0.94	+0.82	+1.18	\$196	\$409
<b>HCAM147</b> HCAJ178 HCAH100	<b>BOONAROO JOYNER M147 PV</b> HBR	5	69	0	+3.6	-1.3	-4.5	+3.8	+50	+87	+118	+89	+20	+1.7	-4.6	+68	+4.3	+1.5	+1.3	+0.0	+1.2	-0.06	+33	+0.54	+0.76	+1.18	\$188	\$318
<b>AMQL29</b> VTME343 AMQH24	<b>BROOKLANA EMPEROR L29 PV</b> HBR	5	127	0	-5.1	-1.7	-4.6	+5.8	+39	+78	+107	+86	+20	+0.4	-3.8	+50	+8.7	+2.2	+0.2	+0.4	+1.9	+0.12	+20	+0.88	+0.96	+1.04	\$147	\$249
<b>GTNM6</b> VTMF734 VSNF15	<b>CHILTERN PARK MOE M6 PV</b> HBR	166	2758	2111	+6.5	+4.4	-1.9	+2.9	+53	+102	+135	+92	+28	+1.8	-5.9	+80	+6.9	-0.1	+1.4	+0.0	+2.0	+0.20	+47	+0.72	+0.98	+1.08	\$244	\$402
<b>NGCM028</b> QHEJ134 NGCK204	<b>DULVERTON MEDAGLIA M028 PV</b> HBR	5	115	0	-9.1	-1.7	-4.8	+8.4	+72	+122	+168	+163	+12	+1.2	-3.4	+87	+5.6	-0.6	-3.5	+0.2	+3.1	-0.65	+19	+1.16	+1.16	+1.08	\$199	\$360
<b>NFSM99</b> BHRH240 NFSH124	<b>FARRER MAXWELL M99 PV</b> HBR	8	110	8	-8.2	+1.0	-0.2	+8.2	+67	+115	+155	+141	+10	+3.9	-5.5	+92	+14.4	-3.2	-4.8	+2.1	+2.6	+0.09	+53	+0.78	+0.72	+0.86	\$247	\$406
<b>ASRM9</b> HIOE7 ASRK93	<b>GATES MENTOR M9 SV</b> HBR	6	62	6	+2.0	+4.6	-3.0	+6.3	+63	+112	+148	+134	+20	+4.1	-7.0	+88	+11.2	-4.9	-5.8	+1.9	+3.1	+0.40	+9	+1.00	+1.16	+1.18	\$271	\$456
<b>DKKM41</b> NORH708 DKKJ51	<b>HARDHAT H708 MAIMURU J51 M41</b> APR	7	59	3	+3.7	+3.7	-2.4	+2.3	+45	+89	+117	+96	+12	+1.1	-3.5	+62	+2.8	+1.0	-2.5	-0.4	+6.6	+0.14	+23	+1.02	+1.02	+1.12	\$203	\$344
<b>WKHM91</b> USA17091363 WKHF53	<b>KOOJAN HILLS UP RIVER M91 SV</b> HBR	5	79	0	+8.3	+3.9	-8.6	+2.8	+50	+93	+116	+69	+27	+2.8	-5.1	+73	+4.9	-0.8	+0.4	-0.1	+1.7	+0.46	+24	+0.48	+1.00	+0.92	\$218	\$355
<b>VLYM518</b> USA17354145 VLYH229	<b>LAWSONS MOMENTOUS M518 PV</b> HBR	102	4048	1560	-3.4	-5.0	-5.7	+4.1	+52	+96	+116	+87	+26	+2.7	-3.4	+52	+13.9	-0.9	-0.6	+0.6	+5.9	+0.86	+39	+0.92	+0.90	+1.08	\$231	\$348
<b>CHKM122</b> HKFJ5 CHKE251	<b>MANEROO PARTNERSHIP M122 PV</b> APR	5	54	6	+3.7	-3.6	-4.1	+3.7	+40	+76	+101	+95	+14	+1.7	-4.1	+56	+10.1	+1.8	+3.3	+0.5	+2.5	+0.36	+6	+1.22	+1.10	+0.98	\$179	\$310
<b>CSWM140</b> VLYE313 CSWF193	<b>MURDEDUKE NOVAK M140 SV</b> HBR	5	30	0	+0.8	-0.5	-0.5	+1.7	+48	+87	+115	+93	+17	+2.8	-3.9	+63	+8.9	-1.0	-0.2	-0.2	+6.1	-0.05	+7	+0.88	+0.86	+0.82	\$213	\$346
<b>NURK22</b> USA16381311 NURG81	<b>MURRAY POWER TOOL K22 PV</b> HBR	7	99	0	+6.5	+5.7	-4.1	+0.0	+47	+77	+103	+55	+14	+0.5	-3.6	+54	+1.8	+0.4	+3.0	-0.9	+4.6	+0.48	+34	+1.12	+0.90	+0.74	\$219	\$336
<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 9

## 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	\$A-L
<b>SMPM651</b>	<b>PATHFINDER MASTERPIECE M651</b> <sup>PV</sup>					+0.5	+3.9	-5.3	+5.6	+60	+106	+138	+144	+20	+3.3	-7.4	+63	+9.9	-2.1	-3.4	+1.4	+2.0	-0.23	+49	+1.00	+1.22	+1.16	\$235	\$421
VTMG67 SMPH66	HBR	6	77	23	76%	66%	90%	94%	91%	91%	91%	85%	81%	85%	60%	86%	84%	84%	85%	78%	86%	76%	70%	77%	77%	74%	14	5	
<b>NZE19507016</b>	<b>STORTH OAKS M10</b> <sup>SV</sup>					+1.3	+7.0	-2.9	+5.7	+62	+114	+154	+144	+15	+2.5	-5.2	+87	+1.7	+1.7	+0.4	-0.8	+3.4	+0.42	+25	+0.84	+1.06	+0.92	\$218	\$405
NZE19507013J7 NZE19507114K291	HBR	4	21	0	69%	56%	91%	92%	88%	90%	88%	82%	70%	83%	53%	84%	83%	83%	84%	76%	86%	75%	78%	82%	82%	78%	30	10	
<b>USA17236055</b>	<b>SYDGEN BLACK PEARL 2006</b> <sup>PV</sup>					+4.1	+7.8	-7.5	+3.2	+51	+85	+121	+82	+23	+1.7	-4.8	+75	+8.6	+0.1	-0.6	+0.6	+2.2	+0.03	+14	+1.06	+1.18	+1.12	\$225	\$363
USA15354674 USA16214508	HBR	149	3154	30	97%	91%	99%	99%	99%	99%	99%	98%	98%	99%	87%	97%	96%	97%	97%	96%	96%	90%	98%	99%	99%	97%	22	37	
<b>VTMM13</b>	<b>TE MANIA MAGNATE M13</b> <sup>PV</sup>					-1.6	+8.2	-12.1	+4.3	+52	+92	+114	+84	+32	+2.3	-7.6	+60	+5.2	-1.9	-1.5	+0.6	+1.7	+0.25	+28	+1.02	+1.28	+1.22	\$222	\$358
HIOH9 VTMK200	HBR	14	444	56	84%	70%	98%	98%	97%	97%	97%	93%	89%	96%	61%	95%	92%	89%	95%	84%	92%	79%	97%	91%	92%	87%	25	40	
<b>USA18704096</b>	<b>THOMAS EDISON 6764</b> <sup>PV</sup>					-1.0	+7.5	+0.1	+4.6	+63	+103	+142	+126	+11	+0.5	-3.7	+86	+10.9	-5.5	-7.7	+1.6	+2.5	-0.10	+11	+0.86	+1.02	+0.94	\$223	\$378
USA16933958 USA18048451	HBR	6	40	4	68%	53%	93%	91%	89%	89%	89%	84%	78%	82%	48%	86%	85%	84%	84%	75%	87%	74%	73%	89%	87%	73%	25	25	
<b>BSCM6</b>	<b>WAITARA THE CHAIRMAN M6</b> <sup>SV</sup>					-0.6	+1.6	-2.3	+5.6	+59	+96	+129	+109	+13	+2.8	-4.9	+69	+8.9	-1.1	-1.8	+1.3	+0.8	+0.03	-1	+0.88	+1.10	+0.92	\$215	\$359
USA17513381 BSCK97	HBR	6	61	0	73%	58%	93%	93%	90%	91%	88%	84%	75%	83%	53%	85%	85%	84%	85%	77%	87%	75%	87%	91%	91%	87%	34	40	
<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: 9 - Birth Weight (kg)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
AJC L99	NXOL99	30	34.2	13
ARDCAIRNIE M117	WJMM117	21	34.4	16
BANNABY BERKLEY M114	ECMM114	24	32.5	7
BOONAROO JOYNER M147	HCAM147	12	31.4	2
BROOKLANA EMPEROR L29	AMQL29	17	35.2	19
CHILTERN PARK MOE M6	GTNM6	22	31.4	2
DULVERTON MEDAGLIA M028	NGCM028	18	37.2	21
FARRER MAXWELL M99	NFSM99	18	36.5	20
GATES MENTOR M9	ASRM9	24	34.3	15
HARDHAT H708 MAIMURU J51 M41	DKKM41	30	32.1	4
KOOJAN HILLS UP RIVER M91	WKHM91	26	32.4	6
LAWSONS MOMENTOUS M518	VL YM518	26	33.4	12
MANEROO PARTNERSHIP M122	CHKM122	23	33.1	10
MURDEDUKE NOVAK M140	CSWM140	26	32.1	4
MURRAY POWER TOOL K22	NURK22	27	30.9	1
PATHFINDER MASTERPIECE M651	SMPM651	9	34.2	13
STORTH OAKS M10	NZE19507016M10	19	34.5	17
SYDGEN BLACK PEARL 2006	USA17236055	13	34.7	18
TE MANIA MAGNATE M13	VTMM13	20	32.5	7
THOMAS EDISON 6764	USA18704096	17	32.9	9
WAITARA THE CHAIRMAN M6	BSCM6	25	33.2	11



## Angus Sire Benchmarking Program - Progeny Performance Report

### Cohort: 9 - Gestation Length (days)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
AJC L99	NXOL99	28	279.2	5
ARDCAIRNIE M117	WJMM117	21	279.4	7
BANNABY BERKLEY M114	ECMM114	24	277.3	2
BOONAROO JOYNER M147	HCAM147	12	279.2	5
BROOKLANA EMPEROR L29	AMQL29	19	280.3	12
CHILTERN PARK MOE M6	GTNM6	23	281.4	17
DULVERTON MEDAGLIA M028	NGCM028	17	279.5	8
FARRER MAXWELL M99	NFSM99	18	283.0	21
GATES MENTOR M9	ASRM9	20	279.6	9
HARDHAT H708 MAIMURU J51 M41	DKKM41	29	281.6	18
KOOJAN HILLS UP RIVER M91	WKHM91	24	278.8	4
LAWSONS MOMENTOUS M518	VLYM518	26	280.4	15
MANEROO PARTNERSHIP M122	CHKM122	20	279.7	10
MURDEDUKE NOVAK M140	CSWM140	26	281.9	19
MURRAY POWER TOOL K22	NURK22	26	280.3	12
PATHFINDER MASTERPIECE M651	SMPM651	9	276.8	1
STORTH OAKS M10	NZE19507016M10	19	280.8	16
SYDGEN BLACK PEARL 2006	USA17236055	14	280.3	12
TE MANIA MAGNATE M13	VTMM13	19	278.1	3
THOMAS EDISON 6764	USA18704096	17	282.5	20
WAITARA THE CHAIRMAN M6	BSCM6	25	280.1	11



Angus Sire Benchmarking Program - Progeny Performance Report  
Cohort: 9 - 200 Day Weight (kg)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
AJC L99	NXOL99	26	192.8	8
ARDCAIRNIE M117	WJMM117	18	193.6	7
BANNABY BERKLEY M114	ECMM114	20	190.6	10
BOONAROO JOYNER M147	HCAM147	11	189.2	11
BROOKLANA EMPEROR L29	AMQL29	19	170.4	20
CHILTERN PARK MOE M6	GTNM6	23	169.9	21
DULVERTON MEDAGLIA M028	NGCM028	18	201.5	2
FARRER MAXWELL M99	NFSM99	17	192.0	9
GATES MENTOR M9	ASRM9	19	188.7	12
HARDHAT H708 MAIMURU J51 M41	DKKM41	26	194.1	5
KOOJAN HILLS UP RIVER M91	WKHM91	24	179.8	18
LAWSONS MOMENTOUS M518	VLYM518	26	175.3	19
MANEROO PARTNERSHIP M122	CHKM122	17	182.9	17
MURDEDUKE NOVAK M140	CSWM140	23	185.3	14
MURRAY POWER TOOL K22	NURK22	25	184.5	15
PATHFINDER MASTERPIECE M651	SMPM651	9	209.7	1
STORTH OAKS M10	NZE19507016M10	19	193.7	6
SYDGEN BLACK PEARL 2006	USA17236055	16	199.6	3
TE MANIA MAGNATE M13	VTMM13	21	183.7	16
THOMAS EDISON 6764	USA18704096	15	196.5	4
WAITARA THE CHAIRMAN M6	BSCM6	20	186.8	13



Angus Sire Benchmarking Program - Progeny Performance Report  
Cohort: 9 - 400 Day Weight (kg)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
AJC L99	NXOL99	26	377.5	7
ARDCAIRNIE M117	WJMM117	17	382.1	6
BANNABY BERKLEY M114	ECMM114	17	369.4	9
BOONAROO JOYNER M147	HCAM147	10	343.3	21
BROOKLANA EMPEROR L29	AMQL29	17	362.3	16
CHILTERN PARK MOE M6	GTNM6	20	347.7	20
DULVERTON MEDAGLIA M028	NGCM028	17	390.3	2
FARRER MAXWELL M99	NFSM99	16	385.6	3
GATES MENTOR M9	ASRM9	18	365.4	14
HARDHAT H708 MAIMURU J51 M41	DKKM41	20	371.3	8
KOOJAN HILLS UP RIVER M91	WKHM91	19	367.1	13
LAWSONS MOMENTOUS M518	VLYM518	22	367.8	12
MANEROO PARTNERSHIP M122	CHKM122	16	358.4	18
MURDEDUKE NOVAK M140	CSWM140	22	369.4	9
MURRAY POWER TOOL K22	NURK22	25	356.1	19
PATHFINDER MASTERPIECE M651	SMPM651	9	397.2	1
STORTH OAKS M10	NZE19507016M10	17	384.5	4
SYDGEN BLACK PEARL 2006	USA17236055	16	383.0	5
TE MANIA MAGNATE M13	VTMM13	20	365.0	15
THOMAS EDISON 6764	USA18704096	15	368.3	11
WAITARA THE CHAIRMAN M6	BSCM6	22	360.5	17



## Angus Sire Benchmarking Program - Progeny Performance Report

### Cohort: 9 - 600 Day Weight (kg)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
AJC L99	NXOL99	17	670.0	4
ARDCAIRNIE M117	WJMM117	11	654.6	9
BANNABY BERKLEY M114	ECMM114	11	657.5	8
BOONAROO JOYNER M147	HCAM147	7	637.7	17
BROOKLANA EMPEROR L29	AMQL29	14	627.1	20
CHILTERN PARK MOE M6	GTNM6	12	602.4	21
DULVERTON MEDAGLIA M028	NGCM028	11	660.3	7
FARRER MAXWELL M99	NFSM99	10	665.5	6
GATES MENTOR M9	ASRM9	12	650.3	11
HARDHAT H708 MAIMURU J51 M41	DKKM41	17	649.7	12
KOOJAN HILLS UP RIVER M91	WKHM91	17	643.3	14
LAWSONS MOMENTOUS M518	VLYM518	16	641.5	16
MANEROO PARTNERSHIP M122	CHKM122	11	636.3	18
MURDEDUKE NOVAK M140	CSWM140	12	642.0	15
MURRAY POWER TOOL K22	NURK22	16	643.6	13
PATHFINDER MASTERPIECE M651	SMPM651	7	688.8	2
STORTH OAKS M10	NZE19507016M10	11	675.4	3
SYDGEN BLACK PEARL 2006	USA17236055	9	699.7	1
TE MANIA MAGNATE M13	VTMM13	13	636.2	19
THOMAS EDISON 6764	USA18704096	10	665.9	5
WAITARA THE CHAIRMAN M6	BSCM6	11	651.4	10



## Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 9 - Days to Calving (heifers) (days)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
AJC L99	NXOL99	8	298.7	6
ARDCAIRNIE M117	WJMM117	6	294.1	2
BANNABY BERKLEY M114	ECMM114	8	301.4	9
BOONAROO JOYNER M147	HCAM147	3	301.7	10
BROOKLANA EMPEROR L29	AMQL29	2	327.2	21
CHILTERN PARK MOE M6	GTNM6	9	314.3	19
DULVERTON MEDAGLIA M028	NGCM028	4	306.4	12
FARRER MAXWELL M99	NFSM99	6	300.1	8
GATES MENTOR M9	ASRM9	5	294.5	4
HARDHAT H708 MAIMURU J51 M41	DKKM41	10	311.2	18
KOOJAN HILLS UP RIVER M91	WKHM91	8	304.2	11
LAWSONS MOMENTOUS M518	VLYM518	10	307.6	14
MANEROO PARTNERSHIP M122	CHKM122	7	315.6	20
MURDEDUKE NOVAK M140	CSWM140	6	310.3	16
MURRAY POWER TOOL K22	NURK22	4	310.8	17
PATHFINDER MASTERPIECE M651	SMPM651	2	290.9	1
STORTH OAKS M10	NZE19507016M10	4	307.9	15
SYDGEN BLACK PEARL 2006	USA17236055	2	294.4	3
TE MANIA MAGNATE M13	VTMM13	8	297.0	5
THOMAS EDISON 6764	USA18704096	3	298.9	7
WAITARA THE CHAIRMAN M6	BSCM6	11	307.3	13



Angus Sire Benchmarking Program - Progeny Performance Report  
Cohort: 9 - Scan EMA (sq cm)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
AJC L99	NXOL99	27	67.2	8
ARDCAIRNIE M117	WJMM117	17	69.1	4
BANNABY BERKLEY M114	ECMM114	19	66.0	17
BOONAROO JOYNER M147	HCAM147	11	64.3	21
BROOKLANA EMPEROR L29	AMQL29	18	66.4	10
CHILTERN PARK MOE M6	GTNM6	21	65.8	19
DULVERTON MEDAGLIA M028	NGCM028	18	67.4	7
FARRER MAXWELL M99	NFSM99	16	70.5	1
GATES MENTOR M9	ASRM9	19	66.3	11
HARDHAT H708 MAIMURU J51 M41	DKKM41	24	66.1	14
KOOJAN HILLS UP RIVER M91	WKHM91	23	67.9	6
LAWSONS MOMENTOUS M518	VLYM518	24	68.0	5
MANEROO PARTNERSHIP M122	CHKM122	17	65.4	20
MURDEDUKE NOVAK M140	CSWM140	22	66.3	11
MURRAY POWER TOOL K22	NURK22	25	66.0	17
PATHFINDER MASTERPIECE M651	SMPM651	9	70.1	2
STORTH OAKS M10	NZE19507016M10	17	66.1	14
SYDGEN BLACK PEARL 2006	USA17236055	16	69.2	3
TE MANIA MAGNATE M13	VTMM13	21	66.2	13
THOMAS EDISON 6764	USA18704096	15	67.1	9
WAITARA THE CHAIRMAN M6	BSCM6	24	66.1	14



## Angus Sire Benchmarking Program - Progeny Performance Report

### Cohort: 9 - Scan Rib Fat (mm)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
AJC L99	NXOL99	24	9.3	5
ARDCAIRNIE M117	WJMM117	16	8.8	12
BANNABY BERKLEY M114	ECMM114	19	8.6	16
BOONAROO JOYNER M147	HCAM147	10	9.3	5
BROOKLANA EMPEROR L29	AMQL29	18	8.6	16
CHILTERN PARK MOE M6	GTNM6	21	8.9	11
DULVERTON MEDAGLIA M028	NGCM028	16	9.2	8
FARRER MAXWELL M99	NFSM99	16	8.7	14
GATES MENTOR M9	ASRM9	17	8.6	16
HARDHAT H708 MAIMURU J51 M41	DKKM41	22	9.7	3
KOOJAN HILLS UP RIVER M91	WKHM91	22	8.8	12
LAWSONS MOMENTOUS M518	VL YM518	25	8.4	19
MANEROO PARTNERSHIP M122	CHKM122	16	8.7	14
MURDEDUKE NOVAK M140	CSWM140	22	9.2	8
MURRAY POWER TOOL K22	NURK22	25	9.5	4
PATHFINDER MASTERPIECE M651	SMPM651	8	9.1	10
STORTH OAKS M10	NZE19507016M10	16	10.3	1
SYDGEN BLACK PEARL 2006	USA17236055	16	9.8	2
TE MANIA MAGNATE M13	VTMM13	21	7.9	20
THOMAS EDISON 6764	USA18704096	13	7.7	21
WAITARA THE CHAIRMAN M6	BSCM6	22	9.3	5





## Angus Sire Benchmarking Program - Progeny Performance Report

### Cohort: 9 - Scan Rump Fat (mm)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
AJC L99	NXOL99	26	8.6	10
ARDCAIRNIE M117	WJMM117	17	8.9	5
BANNABY BERKLEY M114	ECMM114	19	8.1	17
BOONAROO JOYNER M147	HCAM147	10	9.3	3
BROOKLANA EMPEROR L29	AMQL29	18	8.0	18
CHILTERN PARK MOE M6	GTNM6	21	8.5	14
DULVERTON MEDAGLIA M028	NGCM028	18	8.4	15
FARRER MAXWELL M99	NFSM99	16	8.2	16
GATES MENTOR M9	ASRM9	19	7.9	19
HARDHAT H708 MAIMURU J51 M41	DKKM41	24	9.7	1
KOOJAN HILLS UP RIVER M91	WKHM91	23	8.6	10
LAWSONS MOMENTOUS M518	VLYM518	25	8.6	10
MANEROO PARTNERSHIP M122	CHKM122	17	8.8	8
MURDEDUKE NOVAK M140	CSWM140	22	8.6	10
MURRAY POWER TOOL K22	NURK22	25	8.9	5
PATHFINDER MASTERPIECE M651	SMPM651	9	8.8	8
STORTH OAKS M10	NZE19507016M10	17	9.7	1
SYDGEN BLACK PEARL 2006	USA17236055	16	9.0	4
TE MANIA MAGNATE M13	VTMM13	21	7.7	20
THOMAS EDISON 6764	USA18704096	15	7.4	21
WAITARA THE CHAIRMAN M6	BSCM6	24	8.9	5



Angus Sire Benchmarking Program - Progeny Performance Report  
Cohort: 9 - Scan IMF (%)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
AJC L99	NXOL99	27	6.8	16
ARDCAIRNIE M117	WJMM117	17	7.4	3
BANNABY BERKLEY M114	ECMM114	19	6.6	20
BOONAROO JOYNER M147	HCAM147	11	6.8	16
BROOKLANA EMPEROR L29	AMQL29	18	7.0	13
CHILTERN PARK MOE M6	GTNM6	21	7.3	6
DULVERTON MEDAGLIA M028	NGCM028	18	7.3	6
FARRER MAXWELL M99	NFSM99	16	7.4	3
GATES MENTOR M9	ASRM9	19	6.9	15
HARDHAT H708 MAIMURU J51 M41	DKKM41	24	7.9	1
KOOJAN HILLS UP RIVER M91	WKHM91	23	7.5	2
LAWSONS MOMENTOUS M518	VLYM518	25	7.1	12
MANEROO PARTNERSHIP M122	CHKM122	17	6.8	16
MURDEDUKE NOVAK M140	CSWM140	22	7.4	3
MURRAY POWER TOOL K22	NURK22	25	7.3	6
PATHFINDER MASTERPIECE M651	SMPM651	9	7.2	10
STORTH OAKS M10	NZE19507016M10	17	7.3	6
SYDGEN BLACK PEARL 2006	USA17236055	16	7.2	10
TE MANIA MAGNATE M13	VTMM13	21	6.7	19
THOMAS EDISON 6764	USA18704096	15	7.0	13
WAITARA THE CHAIRMAN M6	BSCM6	24	6.6	20



## Angus Sire Benchmarking Program - Progeny Performance Report

### Cohort: 9 - Carcase Weight (kg)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
AJC L99	NXOL99	12	507.0	2
ARDCAIRNIE M117	WJMM117	5	486.7	8
BANNABY BERKLEY M114	ECMM114	6	477.2	13
BOONAROO JOYNER M147	HCAM147	5	470.0	19
BROOKLANA EMPEROR L29	AMQL29	12	464.2	20
CHILTERN PARK MOE M6	GTNM6	9	456.3	21
DULVERTON MEDAGLIA M028	NGCM028	7	470.9	18
FARRER MAXWELL M99	NFSM99	8	496.7	4
GATES MENTOR M9	ASRM9	8	485.8	9
HARDHAT H708 MAIMURU J51 M41	DKKM41	13	471.0	17
KOOJAN HILLS UP RIVER M91	WKHM91	11	478.7	10
LAWSONS MOMENTOUS M518	VLYM518	10	478.4	11
MANEROO PARTNERSHIP M122	CHKM122	7	473.4	15
MURDEDUKE NOVAK M140	CSWM140	9	472.5	16
MURRAY POWER TOOL K22	NURK22	14	473.7	14
PATHFINDER MASTERPIECE M651	SMPM651	7	492.7	6
STORTH OAKS M10	NZE19507016M10	7	478.3	12
SYDGEN BLACK PEARL 2006	USA17236055	7	517.7	1
TE MANIA MAGNATE M13	VTMM13	8	497.1	3
THOMAS EDISON 6764	USA18704096	8	490.3	7
WAITARA THE CHAIRMAN M6	BSCM6	8	493.2	5



Angus Sire Benchmarking Program - Progeny Performance Report  
Cohort: 9 - Carcase EMA (sq cm)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
AJC L99	NXOL99	12	95.5	4
ARDCAIRNIE M117	WJMM117	5	91.4	15
BANNABY BERKLEY M114	ECMM114	6	91.5	14
BOONAROO JOYNER M147	HCAM147	5	92.9	10
BROOKLANA EMPEROR L29	AMQL29	12	93.8	7
CHILTERN PARK MOE M6	GTNM6	9	89.3	17
DULVERTON MEDAGLIA M028	NGCM028	7	91.2	16
FARRER MAXWELL M99	NFSM99	8	92.7	11
GATES MENTOR M9	ASRM9	8	92.3	12
HARDHAT H708 MAIMURU J51 M41	DKKM41	13	88.8	18
KOOJAN HILLS UP RIVER M91	WKHM91	11	87.8	19
LAWSONS MOMENTOUS M518	VLYM518	10	92.3	12
MANEROO PARTNERSHIP M122	CHKM122	7	98.6	1
MURDEDUKE NOVAK M140	CSWM140	9	93.5	9
MURRAY POWER TOOL K22	NURK22	14	87.8	19
PATHFINDER MASTERPIECE M651	SMPM651	7	95.1	5
STORTH OAKS M10	NZE19507016M10	7	83.7	21
SYDGEN BLACK PEARL 2006	USA17236055	7	97.0	2
TE MANIA MAGNATE M13	VTMM13	8	93.6	8
THOMAS EDISON 6764	USA18704096	8	96.1	3
WAITARA THE CHAIRMAN M6	BSCM6	8	93.9	6



## Angus Sire Benchmarking Program - Progeny Performance Report

### Cohort: 9 - Carcase Rump Fat (mm)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
AJC L99	NXOL99	11	27.0	2
ARDCAIRNIE M117	WJMM117	5	21.4	18
BANNABY BERKLEY M114	ECMM114	6	22.2	14
BOONAROO JOYNER M147	HCAM147	5	24.1	9
BROOKLANA EMPEROR L29	AMQL29	12	23.9	11
CHILTERN PARK MOE M6	GTNM6	9	24.8	8
DULVERTON MEDAGLIA M028	NGCM028	7	19.0	21
FARRER MAXWELL M99	NFSM99	8	20.1	20
GATES MENTOR M9	ASRM9	8	22.0	15
HARDHAT H708 MAIMURU J51 M41	DKKM41	13	20.5	19
KOOJAN HILLS UP RIVER M91	WKHM91	11	25.8	3
LAWSONS MOMENTOUS M518	VLYM518	10	21.6	17
MANEROO PARTNERSHIP M122	CHKM122	7	25.3	5
MURDEDUKE NOVAK M140	CSWM140	9	25.8	3
MURRAY POWER TOOL K22	NURK22	14	27.2	1
PATHFINDER MASTERPIECE M651	SMPM651	7	22.5	13
STORTH OAKS M10	NZE19507016M10	7	24.9	7
SYDGEN BLACK PEARL 2006	USA17236055	7	25.0	6
TE MANIA MAGNATE M13	VTMM13	8	24.1	9
THOMAS EDISON 6764	USA18704096	8	21.8	16
WAITARA THE CHAIRMAN M6	BSCM6	8	23.3	12



## Angus Sire Benchmarking Program - Progeny Performance Report

### Cohort: 9 - Carcase Rib Fat (mm)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
AJC L99	NXOL99	11	17.4	10
ARDCAIRNIE M117	WJMM117	5	18.6	4
BANNABY BERKLEY M114	ECMM114	6	15.7	17
BOONAROO JOYNER M147	HCAM147	5	19.5	3
BROOKLANA EMPEROR L29	AMQL29	12	21.7	2
CHILTERN PARK MOE M6	GTNM6	8	16.5	14
DULVERTON MEDAGLIA M028	NGCM028	7	17.5	9
FARRER MAXWELL M99	NFSM99	8	15.1	18
GATES MENTOR M9	ASRM9	8	14.4	20
HARDHAT H708 MAIMURU J51 M41	DKKM41	13	17.7	7
KOOJAN HILLS UP RIVER M91	WKHM91	11	16.5	14
LAWSONS MOMENTOUS M518	VLYM518	10	14.5	19
MANEROO PARTNERSHIP M122	CHKM122	7	17.2	11
MURDEDUKE NOVAK M140	CSWM140	8	17.9	6
MURRAY POWER TOOL K22	NURK22	14	17.0	12
PATHFINDER MASTERPIECE M651	SMPM651	7	16.9	13
STORTH OAKS M10	NZE19507016M10	7	22.0	1
SYDGEN BLACK PEARL 2006	USA17236055	6	18.0	5
TE MANIA MAGNATE M13	VTMM13	8	16.0	16
THOMAS EDISON 6764	USA18704096	8	14.0	21
WAITARA THE CHAIRMAN M6	BSCM6	8	17.6	8



Angus Sire Benchmarking Program - Progeny Performance Report  
Cohort: 9 - Carcase IMF (%)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
AJC L99	NXOL99	12	9.3	12
ARDCAIRNIE M117	WJMM117	5	7.9	20
BANNABY BERKLEY M114	ECMM114	6	8.7	13
BOONAROO JOYNER M147	HCAM147	5	7.5	21
BROOKLANA EMPEROR L29	AMQL29	12	9.6	10
CHILTERN PARK MOE M6	GTNM6	9	8.6	15
DULVERTON MEDAGLIA M028	NGCM028	7	10.6	6
FARRER MAXWELL M99	NFSM99	8	8.3	18
GATES MENTOR M9	ASRM9	8	11.2	5
HARDHAT H708 MAIMURU J51 M41	DKKM41	13	13.0	1
KOOJAN HILLS UP RIVER M91	WKHM91	10	8.4	16
LAWSONS MOMENTOUS M518	VLYM518	10	12.1	3
MANEROO PARTNERSHIP M122	CHKM122	7	9.5	11
MURDEDUKE NOVAK M140	CSWM140	9	12.4	2
MURRAY POWER TOOL K22	NURK22	14	11.3	4
PATHFINDER MASTERPIECE M651	SMPM651	7	10.1	8
STORTH OAKS M10	NZE19507016M10	7	10.1	8
SYDGEN BLACK PEARL 2006	USA17236055	7	8.4	16
TE MANIA MAGNATE M13	VTMM13	8	8.7	13
THOMAS EDISON 6764	USA18704096	8	10.6	6
WAITARA THE CHAIRMAN M6	BSCM6	8	8.1	19



## Angus Sire Benchmarking Program - Progeny Performance Report

### Cohort: 9 - Net Feed Intake (kg/day)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
AJC L99	NXOL99	11	-3.6	3
ARDCAIRNIE M117	WJMM117	6	-3.8	2
BANNABY BERKLEY M114	ECMM114	6	-3.4	6
BOONAROO JOYNER M147	HCAM147	5	-2.7	19
BROOKLANA EMPEROR L29	AMQL29	13	-3.0	13
CHILTERN PARK MOE M6	GTNM6	10	-2.8	17
DULVERTON MEDAGLIA M028	NGCM028	7	-3.6	3
FARRER MAXWELL M99	NFSM99	7	-2.9	15
GATES MENTOR M9	ASRM9	8	-2.8	17
HARDHAT H708 MAIMURU J51 M41	DKKM41	13	-3.2	10
KOOJAN HILLS UP RIVER M91	WKHM91	12	-3.0	13
LAWSONS MOMENTOUS M518	VLYM518	12	-2.7	19
MANEROO PARTNERSHIP M122	CHKM122	6	-3.2	10
MURDEDUKE NOVAK M140	CSWM140	10	-3.3	8
MURRAY POWER TOOL K22	NURK22	13	-2.9	15
PATHFINDER MASTERPIECE M651	SMPM651	7	-3.2	10
STORTH OAKS M10	NZE19507016M10	8	-3.3	8
SYDGEN BLACK PEARL 2006	USA17236055	7	-3.9	1
TE MANIA MAGNATE M13	VTMM13	9	-3.4	6
THOMAS EDISON 6764	USA18704096	8	-2.6	21
WAITARA THE CHAIRMAN M6	BSCM6	8	-3.5	5





## Angus Sire Benchmarking Program - Progeny Performance Report

### Cohort: 9 - MSA Marble Score (Score)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
AJC L99	NXOL99	12	466.1	16
ARDCAIRNIE M117	WJMM117	5	466.7	15
BANNABY BERKLEY M114	ECMM114	6	436.0	20
BOONAROO JOYNER M147	HCAM147	5	418.8	21
BROOKLANA EMPEROR L29	AMQL29	12	479.9	13
CHILTERN PARK MOE M6	GTNM6	9	462.6	18
DULVERTON MEDAGLIA M028	NGCM028	7	554.0	4
FARRER MAXWELL M99	NFSM99	8	518.0	8
GATES MENTOR M9	ASRM9	8	520.9	7
HARDHAT H708 MAIMURU J51 M41	DKKM41	13	584.8	3
KOOJAN HILLS UP RIVER M91	WKHM91	11	464.0	17
LAWSONS MOMENTOUS M518	VLYM518	10	611.4	1
MANEROO PARTNERSHIP M122	CHKM122	7	507.8	9
MURDEDUKE NOVAK M140	CSWM140	9	592.4	2
MURRAY POWER TOOL K22	NURK22	14	530.8	5
PATHFINDER MASTERPIECE M651	SMPM651	7	483.6	12
STORTH OAKS M10	NZE19507016M10	7	496.4	11
SYDGEN BLACK PEARL 2006	USA17236055	7	479.7	14
TE MANIA MAGNATE M13	VTMM13	8	450.3	19
THOMAS EDISON 6764	USA18704096	8	525.2	6
WAITARA THE CHAIRMAN M6	BSCM6	8	497.2	10



## Angus Sire Benchmarking Program - Progeny Performance Report

### Cohort: 9 - MSA Ossification (Score)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
AJC L99	NXOL99	12	143.0	10
ARDCAIRNIE M117	WJMM117	5	138.3	5
BANNABY BERKLEY M114	ECMM114	6	136.4	3
BOONAROO JOYNER M147	HCAM147	5	138.4	6
BROOKLANA EMPEROR L29	AMQL29	12	142.7	9
CHILTERN PARK MOE M6	GTNM6	9	133.2	1
DULVERTON MEDAGLIA M028	NGCM028	7	144.5	13
FARRER MAXWELL M99	NFSM99	8	146.5	17
GATES MENTOR M9	ASRM9	8	142.2	7
HARDHAT H708 MAIMURU J51 M41	DKKM41	13	142.6	8
KOOJAN HILLS UP RIVER M91	WKHM91	11	136.9	4
LAWSONS MOMENTOUS M518	VLYM518	10	163.0	21
MANEROO PARTNERSHIP M122	CHKM122	7	147.3	18
MURDEDUKE NOVAK M140	CSWM140	9	143.1	11
MURRAY POWER TOOL K22	NURK22	14	152.2	20
PATHFINDER MASTERPIECE M651	SMPM651	7	143.2	12
STORTH OAKS M10	NZE19507016M10	7	145.1	14
SYDGEN BLACK PEARL 2006	USA17236055	7	145.8	15
TE MANIA MAGNATE M13	VTMM13	8	151.9	19
THOMAS EDISON 6764	USA18704096	8	135.9	2
WAITARA THE CHAIRMAN M6	BSCM6	8	146.4	16



## Angus Sire Benchmarking Program - Progeny Performance Report

### Cohort: 9 - MSA Index (Index)

Sire Name	Sire ID	Number of Progeny	Progeny Average	Rank
AJC L99	NXOL99	12	66.0	11
ARDCAIRNIE M117	WJMM117	5	66.0	11
BANNABY BERKLEY M114	ECMM114	6	65.3	19
BOONAROO JOYNER M147	HCAM147	5	65.3	19
BROOKLANA EMPEROR L29	AMQL29	12	65.6	18
CHILTERN PARK MOE M6	GTNM6	9	65.7	16
DULVERTON MEDAGLIA M028	NGCM028	7	66.7	4
FARRER MAXWELL M99	NFSM99	8	66.0	11
GATES MENTOR M9	ASRM9	8	66.2	7
HARDHAT H708 MAIMURU J51 M41	DKKM41	13	67.0	1
KOOJAN HILLS UP RIVER M91	WKHM91	11	65.8	15
LAWSONS MOMENTOUS M518	VLYM518	10	66.3	5
MANEROO PARTNERSHIP M122	CHKM122	7	65.7	16
MURDEDUKE NOVAK M140	CSWM140	9	67.0	1
MURRAY POWER TOOL K22	NURK22	14	66.1	8
PATHFINDER MASTERPIECE M651	SMPM651	7	66.1	8
STORTH OAKS M10	NZE19507016M10	7	66.0	11
SYDGEN BLACK PEARL 2006	USA17236055	7	66.1	8
TE MANIA MAGNATE M13	VTMM13	8	65.0	21
THOMAS EDISON 6764	USA18704096	8	66.9	3
WAITARA THE CHAIRMAN M6	BSCM6	8	66.3	5



## 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: 9 - Docility (Score)

Sire Name	Sire ID	Number of Progeny	Progeny % Score 1-1.5	Rank
AJC L99	NXOL99	27	59.3	16
ARDCAIRNIE M117	WJMM117	18	72.2	7
BANNABY BERKLEY M114	ECMM114	20	80.0	5
BOONAROO JOYNER M147	HCAM147	11	54.5	20
BROOKLANA EMPEROR L29	AMQL29	19	63.2	12
CHILTERN PARK MOE M6	GTNM6	23	73.9	6
DULVERTON MEDAGLIA M028	NGCM028	18	66.7	10
FARRER MAXWELL M99	NFSM99	17	70.6	8
GATES MENTOR M9	ASRM9	20	70.0	9
HARDHAT H708 MAIMURU J51 M41	DKKM41	26	61.5	13
KOOJAN HILLS UP RIVER M91	WKHM91	24	66.7	10
LAWSONS MOMENTOUS M518	VLYM518	26	61.5	13
MANEROO PARTNERSHIP M122	CHKM122	18	55.6	19
MURDEDUKE NOVAK M140	CSWM140	23	56.5	17
MURRAY POWER TOOL K22	NURK22	25	56.0	18
PATHFINDER MASTERPIECE M651	SMPM651	9	100.0	1
STORTH OAKS M10	NZE19507016M10	19	84.2	2
SYDGEN BLACK PEARL 2006	USA17236055	16	81.3	3
TE MANIA MAGNATE M13	VTMM13	21	81.0	4
THOMAS EDISON 6764	USA18704096	15	60.0	15
WAITARA THE CHAIRMAN M6	BSCM6	24	33.3	21



## Angus Sire Benchmarking Program - Progeny Performance Report

### Cohort: 9 - Claw Set (Score)

Sire Name	Sire ID	Number of Progeny	Progeny % Score 5-6	Rank
AJC L99	NXOL99	26	46.2	21
ARDCAIRNIE M117	WJMM117	17	64.7	9
BANNABY BERKLEY M114	ECMM114	19	52.6	19
BOONAROO JOYNER M147	HCAM147	11	90.9	1
BROOKLANA EMPEROR L29	AMQL29	18	61.1	12
CHILTERN PARK MOE M6	GTNM6	21	85.7	2
DULVERTON MEDAGLIA M028	NGCM028	17	52.9	16
FARRER MAXWELL M99	NFSM99	16	75.0	3
GATES MENTOR M9	ASRM9	19	73.7	4
HARDHAT H708 MAIMURU J51 M41	DKKM41	24	58.3	14
KOOJAN HILLS UP RIVER M91	WKHM91	22	72.7	5
LAWSONS MOMENTOUS M518	VL YM518	26	65.4	7
MANEROO PARTNERSHIP M122	CHKM122	17	52.9	16
MURDEDUKE NOVAK M140	CSWM140	20	65.0	8
MURRAY POWER TOOL K22	NURK22	25	52.0	20
PATHFINDER MASTERPIECE M651	SMPM651	8	62.5	10
STORTH OAKS M10	NZE19507016M10	17	52.9	16
SYDGEN BLACK PEARL 2006	USA17236055	15	53.3	15
TE MANIA MAGNATE M13	VTMM13	21	61.9	11
THOMAS EDISON 6764	USA18704096	15	60.0	13
WAITARA THE CHAIRMAN M6	BSCM6	24	66.7	6



## Angus Sire Benchmarking Program - Progeny Performance Report

Cohort: 9 - Foot Angle (Score)

Sire Name	Sire ID	Number of Progeny	Progeny % Score 5-6	Rank
AJC L99	NXOL99	26	80.8	11
ARDCAIRNIE M117	WJMM117	17	82.4	9
BANNABY BERKLEY M114	ECMM114	19	89.5	6
BOONAROO JOYNER M147	HCAM147	11	90.9	5
BROOKLANA EMPEROR L29	AMQL29	18	61.1	21
CHILTERN PARK MOE M6	GTNM6	21	76.2	15
DULVERTON MEDAGLIA M028	NGCM028	17	70.6	19
FARRER MAXWELL M99	NFSM99	16	75.0	17
GATES MENTOR M9	ASRM9	19	78.9	13
HARDHAT H708 MAIMURU J51 M41	DKKM41	24	87.5	7
KOOJAN HILLS UP RIVER M91	WKHM91	22	81.8	10
LAWSONS MOMENTOUS M518	VL YM518	26	96.2	3
MANEROO PARTNERSHIP M122	CHKM122	17	100.0	1
MURDEDUKE NOVAK M140	CSWM140	20	85.0	8
MURRAY POWER TOOL K22	NURK22	25	100.0	1
PATHFINDER MASTERPIECE M651	SMPM651	8	75.0	17
STORTH OAKS M10	NZE19507016M10	17	76.5	14
SYDGEN BLACK PEARL 2006	USA17236055	15	66.7	20
TE MANIA MAGNATE M13	VTMM13	21	76.2	15
THOMAS EDISON 6764	USA18704096	15	93.3	4
WAITARA THE CHAIRMAN M6	BSCM6	24	79.2	12



## Angus Sire Benchmarking Program - Progeny Performance Report

### Cohort: 9 - Coat Type (Score)

Sire Name	Sire ID	Number of Progeny	Progeny % Score 1-2	Rank
AJC L99	NXOL99	12	100.0	1
ARDCAIRNIE M117	WJMM117	7	100.0	1
BANNABY BERKLEY M114	ECMM114	8	100.0	1
BOONAROO JOYNER M147	HCAM147	4	75.0	21
BROOKLANA EMPEROR L29	AMQL29	9	88.9	19
CHILTERN PARK MOE M6	GTNM6	12	100.0	1
DULVERTON MEDAGLIA M028	NGCM028	8	100.0	1
FARRER MAXWELL M99	NFSM99	9	100.0	1
GATES MENTOR M9	ASRM9	10	100.0	1
HARDHAT H708 MAIMURU J51 M41	DKKM41	15	100.0	1
KOOJAN HILLS UP RIVER M91	WKHM91	9	100.0	1
LAWSONS MOMENTOUS M518	VLYM518	11	100.0	1
MANEROO PARTNERSHIP M122	CHKM122	8	100.0	1
MURDEDUKE NOVAK M140	CSWM140	12	100.0	1
MURRAY POWER TOOL K22	NURK22	13	100.0	1
PATHFINDER MASTERPIECE M651	SMPM651	6	100.0	1
STORTH OAKS M10	NZE19507016M10	11	100.0	1
SYDGEN BLACK PEARL 2006	USA17236055	7	100.0	1
TE MANIA MAGNATE M13	VTMM13	6	100.0	1
THOMAS EDISON 6764	USA18704096	8	100.0	1
WAITARA THE CHAIRMAN M6	BSCM6	14	85.7	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	Rank
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)	7
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)	6
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)	5
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)	4
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)	3

**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 9

### 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
NXOL99 AUC L99	34.2 (13)	279.2 (5)	192.8 (8)	377.5 (7)	670.0 (4)	298.7 (6)	67.2 (8)	9.3 (5)	8.6 (10)	6.8 (16)	507.0 (2)	95.5 (4)	9.3 (12)	-3.6 (3)	466.1 (16)	143.0 (10)	66.0 (11)	59.3 (16)	46.2 (21)	80.8 (11)	100.0 (1)
WJMM117 ARDCAIRNIE M117	34.4 (16)	279.4 (7)	193.6 (7)	382.1 (6)	654.6 (9)	294.1 (2)	69.1 (4)	8.8 (12)	8.9 (5)	7.4 (3)	486.7 (8)	91.4 (15)	7.9 (20)	-3.8 (2)	466.7 (15)	138.3 (5)	66.0 (11)	72.2 (7)	64.7 (9)	82.4 (9)	100.0 (1)
ECMM114 BANNABY BERKLEY M114	32.5 (7)	277.3 (2)	190.6 (10)	369.4 (9)	657.5 (8)	301.4 (9)	66.0 (17)	8.6 (16)	8.1 (17)	6.6 (20)	477.2 (13)	91.5 (14)	8.7 (13)	-3.4 (6)	436.0 (20)	136.4 (3)	65.3 (19)	80.0 (5)	52.6 (19)	89.5 (6)	100.0 (1)
HCAM147 BOONAROO JOYNER M147	31.4 (2)	279.2 (5)	189.2 (11)	343.3 (21)	637.7 (17)	301.7 (10)	64.3 (21)	9.3 (5)	9.3 (3)	6.8 (16)	470.0 (19)	92.9 (10)	7.5 (21)	-2.7 (19)	418.8 (21)	138.4 (6)	65.3 (19)	54.5 (20)	90.9 (1)	90.9 (5)	75.0 (21)
AMQL29 BROOKLANA EMPEROR L29	35.2 (19)	280.3 (12)	170.4 (20)	362.3 (16)	627.1 (20)	327.2 (21)	66.4 (10)	8.6 (16)	8.0 (18)	7.0 (13)	464.2 (20)	93.8 (7)	9.6 (10)	-3.0 (13)	479.9 (13)	142.7 (9)	65.6 (18)	63.2 (12)	61.1 (12)	61.1 (21)	88.9 (19)
GTNM6 CHILTERN PARK MOE M6	31.4 (2)	281.4 (17)	169.9 (21)	347.7 (20)	602.4 (21)	314.3 (19)	65.8 (19)	8.9 (11)	8.5 (14)	7.3 (6)	456.3 (21)	89.3 (17)	8.6 (15)	-2.8 (17)	462.6 (18)	133.2 (1)	65.7 (16)	73.9 (6)	85.7 (2)	76.2 (15)	100.0 (1)
NGCM028 DULVERTON MEDAGLIA M028	37.2 (21)	279.5 (8)	201.5 (2)	390.3 (2)	660.3 (7)	306.4 (12)	67.4 (7)	9.2 (8)	8.4 (15)	7.3 (6)	470.9 (18)	91.2 (16)	10.6 (6)	-3.6 (3)	554.0 (4)	144.5 (13)	66.7 (4)	66.7 (10)	52.9 (16)	70.6 (19)	100.0 (1)
NFSM99 FARRER MAXWELL M99	36.5 (20)	283.0 (21)	192.0 (9)	385.6 (3)	665.5 (6)	300.1 (8)	70.5 (1)	8.7 (14)	8.2 (16)	7.4 (3)	496.7 (4)	92.7 (11)	8.3 (18)	-2.9 (15)	518.0 (8)	146.5 (17)	66.0 (11)	70.6 (8)	75.0 (3)	75.0 (17)	100.0 (1)
ASRM9 GATES MENTOR M9	34.3 (15)	279.6 (9)	188.7 (12)	365.4 (14)	650.3 (11)	294.5 (4)	66.3 (11)	8.6 (16)	7.9 (19)	6.9 (15)	485.8 (9)	92.3 (12)	11.2 (5)	-2.8 (17)	520.9 (7)	142.2 (7)	66.2 (7)	70.0 (9)	73.7 (4)	78.9 (13)	100.0 (1)
DKKM41 HARDHAT H708 MAIMURU J51 M41	32.1 (4)	281.6 (18)	194.1 (5)	371.3 (8)	649.7 (12)	311.2 (18)	66.1 (14)	9.7 (3)	9.7 (1)	7.9 (1)	471.0 (17)	88.8 (18)	13.0 (1)	-3.2 (10)	584.8 (3)	142.6 (8)	67.0 (1)	61.5 (13)	58.3 (14)	87.5 (7)	100.0 (1)
WKHM91 KOOJAN HILLS UP RIVER M91	32.4 (6)	278.8 (4)	179.8 (18)	367.1 (13)	643.3 (14)	304.2 (11)	67.9 (6)	8.8 (12)	8.6 (10)	7.5 (2)	478.7 (10)	87.8 (19)	8.4 (16)	-3.0 (13)	464.0 (17)	136.9 (4)	65.8 (15)	66.7 (10)	72.7 (5)	81.8 (10)	100.0 (1)
VLYM518 LAWSONS MOMENTOUS M518	33.4 (12)	280.4 (15)	175.3 (19)	367.8 (12)	641.5 (16)	307.6 (14)	68.0 (5)	8.4 (19)	8.6 (10)	7.1 (12)	478.4 (11)	92.3 (12)	12.1 (3)	-2.7 (19)	611.4 (1)	163.0 (21)	66.3 (5)	61.5 (13)	65.4 (7)	96.2 (3)	100.0 (1)
CHKM122 MANEROO PARTNERSHIP M122	33.1 (10)	279.7 (10)	182.9 (17)	358.4 (18)	636.3 (18)	315.6 (20)	65.4 (20)	8.7 (14)	8.8 (8)	6.8 (16)	473.4 (15)	98.6 (1)	9.5 (11)	-3.2 (10)	507.8 (9)	147.3 (18)	65.7 (16)	55.6 (19)	52.9 (16)	100.0 (1)	100.0 (1)
CSWM140 MURDEDUKE NOVAK M140	32.1 (4)	281.9 (19)	185.3 (14)	369.4 (9)	642.0 (15)	310.3 (16)	66.3 (11)	9.2 (8)	8.6 (10)	7.4 (3)	472.5 (16)	93.5 (9)	12.4 (2)	-3.3 (8)	592.4 (2)	143.1 (11)	67.0 (1)	56.5 (17)	65.0 (8)	85.0 (8)	100.0 (1)
NURK22 MURRAY POWER TOOL K22	30.9 (1)	280.3 (12)	184.5 (15)	356.1 (19)	643.6 (13)	310.8 (17)	66.0 (17)	9.5 (4)	8.9 (5)	7.3 (6)	473.7 (14)	87.8 (19)	11.3 (4)	-2.9 (15)	530.8 (5)	152.2 (20)	66.1 (8)	56.0 (18)	52.0 (20)	100.0 (1)	100.0 (1)
SMPM651 PATHFINDER MASTERPIECE M651	34.2 (13)	276.8 (1)	209.7 (1)	397.2 (1)	688.8 (2)	290.9 (1)	70.1 (2)	9.1 (10)	8.8 (8)	7.2 (10)	492.7 (6)	95.1 (5)	10.1 (8)	-3.2 (10)	483.6 (12)	143.2 (12)	66.1 (8)	100.0 (1)	62.5 (10)	75.0 (17)	100.0 (1)
NZE19507016M10 STORTH OAKS M10	34.5 (17)	280.8 (16)	193.7 (6)	384.5 (4)	675.4 (3)	307.9 (15)	66.1 (14)	10.3 (1)	9.7 (1)	7.3 (6)	478.3 (12)	83.7 (21)	10.1 (8)	-3.3 (8)	496.4 (11)	145.1 (14)	66.0 (11)	84.2 (2)	52.9 (16)	76.5 (14)	100.0 (1)
USA17236055 SYDGEN BLACK PEARL 2006	34.7 (18)	280.3 (12)	199.6 (3)	383.0 (5)	699.7 (1)	294.4 (3)	69.2 (3)	9.8 (2)	9.0 (4)	7.2 (10)	517.7 (1)	97.0 (2)	8.4 (16)	-3.9 (1)	479.7 (14)	145.8 (15)	66.1 (8)	81.3 (3)	53.3 (15)	66.7 (20)	100.0 (1)
VTMM13 TE MANIA MAGNATE M13	32.5 (7)	278.1 (3)	183.7 (16)	365.0 (15)	636.2 (19)	297.0 (5)	66.2 (13)	7.9 (20)	7.7 (20)	6.7 (19)	497.1 (3)	93.6 (8)	8.7 (13)	-3.4 (6)	450.3 (19)	151.9 (19)	65.0 (21)	81.0 (4)	61.9 (11)	76.2 (15)	100.0 (1)
USA18704096 THOMAS EDISON 6764	32.9 (9)	282.5 (20)	196.5 (4)	368.3 (11)	665.9 (5)	298.9 (7)	67.1 (9)	7.7 (21)	7.4 (21)	7.0 (13)	490.3 (7)	96.1 (3)	10.6 (6)	-2.6 (21)	525.2 (6)	135.9 (2)	66.9 (3)	60.0 (15)	60.0 (13)	93.3 (4)	100.0 (1)
BSCM6 WAITARA THE CHAIRMAN M6	33.2 (11)	280.1 (11)	186.8 (13)	360.5 (17)	651.4 (10)	307.3 (13)	66.1 (14)	9.3 (5)	8.9 (5)	6.6 (20)	493.2 (5)	93.9 (6)	8.1 (19)	-3.5 (5)	497.2 (10)	146.4 (16)	66.3 (5)	33.3 (21)	66.7 (6)	79.2 (12)	85.7 (20)