



1PM - THURSDAY, 7 MARCH, 2019

HEALTH STATUS A1 | JOHNE'S SCORE J-BAS 8 | PESTI FREE | ALL BEEFCLASS SCORES 4, 5 OR 6









MURDEDUKE ANGUS

Bull Sale

WINCHELSEA

THURSDAY, 7 MARCH, 2019

SALE LOCATION: 730 CRESSY ROAD, WINCHELSEA VICTORIA 3241

80 - 18 MONTH OLD BULLS

PREVIEW TIME: 11.30AM SALE TIME: 1.00PM



MURDEDUKE ANGUS

 Simon Falkiner
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 After Hours
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STEWART

Dougal McIntyre 0439 575 612



Andrew Stanczak 0407 380 945 Sale Location: 7.3 kms North West of Winchelsea on the Cressy Road. The Cressy Road (Goosney St) runs off to the north of the Princes Hwy between the Winchelsea School and Hospital. Follow the sealed road 7.3 Kms until you reach the front gate that is on the right. Follow the signs past the homestead to the sale complex. Vic roads Map 92.



PLEASE BRING THIS CATALOGUE TO THE SALE For video & sale information visit:

www.murdeduke.com.au

S WELCOME



e dodged a bullet this season with late rains and a cool finish allowing nearly 600 predominately ET and AI conceived calves to hit the ground unhindered. As a result; coupled with good calvings over the last couple of years, we have been able to increase the selection pressure on the herd. Basically– only the top third of the female drop finds their way into the stud.

The resulting genetic improvement can be seen in the added depth and consistency of this year's bull sale team and the quality of the females we have been offering for sale. This improvement has been not only in our own herd, as seen by us winning the RASV Reserve Champion Pen of Heifers during Beef Week 2017 but by the success of our clients. RG Allen and Sons at Mortlake won the prestigious Grand Champion Pen of five Steers at the 2017 NSW Beef Spectacular.

Internationally, we continue to export bulls and heifers to China, Russia and Kazakhstan. Our sale of embryos to Chile continues and we have negotiated our first export to Peru and Thailand. Semen from our leading stud sire Emperor will continue to make its way to the UK, Germany, Sweden, Chile, Brazil and New Zealand. Emperor is back in production after having his injured ACL repaired.

Murdeduke has continued its successful expansion into Central Queensland. Our Spring 2018 Rockhampton sale saw 60 bulls sold and find new homes as far south as Roma to Julia Creek in the North West. To meet CQ's market requirements, the bulls were specially selected, acclimatised over the winter and were offered with an A1 health status.

In our quest to provide better bulls, we continue to collect and submit performance and structural data; adding to nearly 25 years of records. This data generates powerful information that supports both client and internal selection decisions. It allows us to supply bulls featuring type, growth, doing ability and reliability with confidence. The unseen benefits that our genetics provide being soundness and carcass performance are also well flagged and supported by the performance data generated from our program. In an innovative move, Murdeduke will again only catalogue bull with Beefclass score of 6 or better. One of the first, if not the only, Angus stud to do so.

We are delighted to report that the bulls we have in AA benchmarking program are performing well. CSWH211 Hussar continues to build his impressive EBV spread with raw data showing his calves come early and have tremendous growth. He is ranked third for weaning weight and leads the cohort for NFI. His first sons here at Murdeduke have proved popular with his top son CSWM283 selling to renowned Queensland Stud Palgrove at our 2018 CQ sale.

In further AA benchmarking news we are extremely excited to announce that CSWK428, on the back of his strong showing in the program, has been listed in ABS's semen catalogue. A brother of CSWH211 he provides amazing calving ease, huge growth, wrapped up in a soft easy doing skin. Again at Murdeduke and Stoney Point this year his progeny arrived after a short gestation, with a moderate birth weight, followed up with good weight gains and scanning data. We look forward to offering the first of his sons in this years sale.

The Stud herd is run in conjunction with extensive prime lamb and cropping enterprises. A free range piggery, which is the home to the branded pork brand *Otway Pork*, can also be found at Murdeduke.

Competition between the enterprises ensures that commercial drivers help determine our breeding principles.





Murdeduke's Breeding Objectives

Our breeding objectives are designed to provide genetics that deliver efficient, easy calving cows and calves that stack weight on quickly making processors grin when they see the quality of them. The unseen bonus our bulls provide is an ability to improve carcass performance and fertility without sacrificing type.

In our quest to supply superior animals, we not only collect all required breed plan data but have our cattle independently structurally assessed annually. We also ensure that nutrition is not compromised in our moderate rainfall environment.

By managing nutrition and rumen function for optimal performance all year round, our bulls express their potential without compromising joint and bone development which can be the case with short term sale preparations.

To unlock the potential of Murdeduke's quality assurance program, we encourage producers to also adopt cutting edge animal nutrition and management techniques. Early rumen development and appropriate animal health measures ensure calves maximise their performance on farm and hit the ground running when they enter a feedlot.

Murdeduke's Emperor Investment

2011 saw Murdeduke invest heavily in the future of the Angus breed. With partners Aberdeen Angus Tumut, ABS Australia and New Zealand's Storth Oaks Angus Murdeduke took the lead in the acquisition of Te Mania Emperor for an Australian record price of \$91,000.

In ABS manager Bill Cornell's words "Emperor is a rare gem indeed, he covers all the bases the Australian Angus industry has been waiting for".

We see Emperor as a tool to take Murdeduke to the forefront of the seedstock industry. He provides us and our clients with an opportunity to access phenotype, outcross genetics' and elite "numbers" backed up with on ground performance. Even after running with 40 open females, Emperor was still the heaviest and biggest EMA scanned bull out of 401 contemporaries at Te Mania in 2011.

Interest in Emperor has been enormous with many leading studs making the decision to use him as commercial producers scramble to secure his sons for their herds. It is not only our confidence that is continuing to grow in the bull, at last count there were 7352 Emperor sired calves registered with Angus Australia showing the broader cattle community is also embracing him.

Emperor has made his mark here at Murdeduke stamping capacity, shape, docility and doing ability into his sons. His sons will do the same for you.

Murdeduke's Client Services

Murdeduke is situated 1.5 hours South West of Melbourne just off the Princes Highway at Winchelsea. Our client base stretches from the SE South Australia to East Gippsland and as far north as Longreach in Queensland.

We hold an annual bull sale at Murdeduke in March and Rockhampton in August and have a large selection of rising 2yo bulls for private selection in the spring. Semen for both commercial and stud purposes is freely available from our leading sires.

As part of our service, we value the opportunity to visit clients on their properties as it gives us an insight into their production systems and how our cattle may be fit into them.

Bloodlines featured in the herd over the next few years include Emperor through his sons Murdeduke Hussar and Kicking, old favourites Black Pearl, Complement Krakatoa and Clunie Range Legend. New bloodlines introduced include high carcase merit bulls Rennylea J474 and Lawsons Momentous. We have also flushed some super sound donors to Baldridge sires 38 Special and Beast Mode. New Australia bulls we have introduced include Texas No Regrets and Millah Murrah Marlon Brando.

The sale teams will be presented with full Breed Plan figures. A list of reference sires for the sale team follows later in the catalogue. Murdeduke has a J-BAS score of 8 being formerly accredited M.N.1 under the MAP program.





Pre-Sal e Inspection

The bulls will be penned at 11.30am ready for your inspection on sale day. Please allow extra time to make your selections as the bulls will not be run through a sale ring. Inspections prior to sale day can be organised by appointment.

Method Of Selling

The bulls will not be run through the ring but rather sold with the screening of an individual video featuring the lot being auctioned. The auction will be live streamed by Elite Livestock allowing for over the phone bidding. We encourage you to move freely between the auction room and the display pens during the auction. You can follow and bid on lots from the pens.

Warranty

The Bulls have been independently assessed for structural and reproductive soundness. As a result, we believe they are ready for work. If, during the first 18 months a bull becomes infertile or breaks down due to reasons other than injury or disease contracted after leaving Murdeduke we will:-

• Provide you with a satisfactory replacement or issue you with a sale credit for the purchase price of the bull on a pro-rata basis less any salvage value.

We strongly suggest that you observe your new bull when he is first introduced to the cows and if you have any concerns please don't hesitate to call us.

Heal th

Murdeduke has a J-BAS score of 8. The bulls have undergone full 7 in 1, Pestiguard and Vibrio vaccination programs we do, however, recommend booster shots on an annual basis. A Virbamec broad-spectrum drench was administered in February. The bulls are HGP free and have not been fed animal by-products.

Please Note: The bulls have undergone a pre-sale examination by Ian Moreland of Studcare Genetics.

The examination involved the palpation of the testicles, exteriorisation and visualisation of the penis and a visual appraisal of general well being.

Semen was also collected and tested for morphology, motility and % live. All the bulls were found to be in excellent general health and fertility. We retain the right to collect semen, at our cost, from all bulls for our own use and progeny testing purposes.

DNA Testing

All bulls have been tested for genetic disorders with their status being identified. Some DD carriers will be offered. BVDV scanning showed no PI's in the team. Some but not all bulls have been parent verified, we don't guarantee parentage of the bulls that haven't been parent verified.





Heal th and Safety

Under normal circumstances our bulls are placid and quiet. However care must be taken when inspecting the bulls as crowd pressure can alter their behavior. Please don't crowd the bulls and ask for assistance if you would like a closer inspection. Visitors enter the cattle pens at their own risk. No Children are allowed in the pens.

Selling Agents

Landmark and Charles Stewart and Co. will conduct this year' sale. Charles Stewart & Co. will settle and handle your insurance needs.

A rebate of 5% is allowed to agents nominating and accompanying buyers to the sale. Nominations must be made by 5pm the day prior to the sale and with settlement being made within seven days.

Contacts respectively are:



Dougal McIntyre 0439 575 612



Andrew Stanczak 0407 380 945

Location

On Property. 7.3 kms North West of Winchelsea on the Cressy Road. The Cressy Road (Goosney St) runs off to the north of the Princes Hwy between the Winchelsea School and Hospital. Follow the sealed road 7.3 Kms until you reach the front gate that is on the right. Follow the signs past the homestead to the sale complex. Vic roads Map 92.

Transport:-

As part of our service we will deliver the bulls locally and to major centres within Victoria for our further afield clients. Don't forget to fill out your delivery and insurance instructions. Transit and longer term insurance is the buyer's responsibility.

Discl aimer

Murdeduke has taken great care in ensuring the information provided in this catalogue is accurate however we take no responsibility for the accuracy and/or interpretation of the information. We retain the right to use photographs and/or information we hold on a particular animal both now and into the future.







Murdeduke Angus Reference Sires



Reference Sire

TE MANIA EMPEROR E343 PV

Calved: 9/08/2009

Society Ident: VTME343

AMF NHF CAF DDF

Tattoo: 5 POINT STAR E343 (T&F) **BTULTRAVOX 297E**

TE MANIA YORKSHIRE Y437 Sire: VTMB1 TE MANIA BERKLEY B1 TE MANIA LOWAN Z53

Dam: VTMZ74 TE MANIA LOWAN Z74 TE MANIA LOWAN V201

February 2019 Angus Australia BREEDPLAN

America	Calving Ease Direct	Calving Ease Dtrs	Gest Lgth (Days)	Birth Weight (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mature Cow Wt (kg)	Milk (kg)	Scrotal Size (cm)	Days to Calving (Days)	Carcase Weight (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	Retail Beef Yield (%)	IMF (%)
EBV	+0.8	+2.2	-6.4	+5.1	+51	+95	+127	+128	+10	+1.9	-7.2	+67	+4.5	+2.4	+0.4	-0.9	+3.1
ACC	98%	94%	99%	99%	99%	99%	99%	99%	98%	99%	89%	98%	97%	97%	98%	97%	97%

Φ.	Ind	AY	Va	lues	•

	Angus Breeding	Heavy Grass	Domestic	Heavy Grain
Γ	+\$142	+\$119	+\$165	+\$130

Traits Observed: GL.CE.BWT.200WT(x2).400WT.SS.FAT.EMA.IMF.Genomics Bplan Stats: Num of Herds 284, Progeny Analysed 7240, Scan Progeny 4125, Num of Dtrs 1244

The standout sire used at Murdeduke. Provides excellent birth to growth spread, doing ability and temperament in his progeny.

Reference Sire

MURDEDUKE HUSSAR H211

HBR

Society Ident: CSWH211

AMFU NHFU CAFU DDFU

Tattoo: MS H211 (T&F)

Calved: 28/08/2012

TE MANIA BERKLEY B1 Sire: VTME343 TE MANIA EMPEROR E343

TE MANIA LOWAN Z74

HIDDEN VALLEY TIMEOUT A45 Dam: CSWE175 MURDEDUKE E175 MURDEDUKE JEDDA A178

February 2019 Angus Australia BREEDPLAN

Amena	Calving Ease Direct	Calving Ease Dtrs	Gest Lgth (Days)	Birth Weight (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mature Cow Wt (kg)	Milk (kg)	Scrotal Size (cm)	Days to Calving (Days)	Carcase Weight (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	Retail Beef Yield (%)	IMF (%)
EBV	+0.0	+1.2	-8.4	+5.9	+60	+118	+164	+167	+19	+3.0	-3.5	+94	+3.2	-0.4	-3.1	+0.6	+1.6
ACC	73%	61%	95%	94%	91%	92%	90%	83%	76%	87%	63%	87%	85%	88%	86%	82%	85%

\$	Ind	ex '	Val	ues
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+\$141	+\$120	+\$159	+\$134
Angus	Heavy	Domestic	Heavy
Breeding	Grass		Grain

Traits Observed: BWT.200WT.400WT.FAT.EMA.IMF.Genomics

Bplan Stats: Num of Herds 9. Progeny Analysed 81. Scan Progeny 68. Num of Dtrs 7

Home bred Emperor son who adds temperament, power, growth and substance to his progeny. Has proven himself in AA Benchmarking program becoming a multiply trait leader.

Reference Sire

MURDEDUKE KICKING K428 PV

HBR

Society Ident: CSWK428

AMF NHF CAF DDF

Calved: 13/09/2014

TE MANIA BERKLEY B1 Sire: VTMF343 TF MANIA EMPEROR F343

TE MANIA LOWAN Z74

HIDDEN VALLEY TIMEOUT A45 Dam: CSWE175 MURDEDUKE E175 MURDEDUKE JEDDA A178

February 2019 Angus Australia BREEDPLAN

Ameno	Calving Ease Direct	Calving Ease Dtrs	Gest Lgth (Days)	Birth Weight (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mature Cow Wt (kg)	Milk (kg)	Scrotal Size (cm)	Days to Calving (Days)	Carcase Weight (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	Retail Beef Yield (%)	IMF (%)
EBV	+3.3	+3.0	-6.3	+2.1	+46	+99	+132	+113	+25	+3.2	-5.8	+80	+1.2	+1.7	+0.2	-0.7	+2.3
ACC	74%	58%	96%	96%	91%	91%	84%	78%	71%	87%	56%	78%	76%	79%	77%	73%	75%

\$ Index Values

Angus	Heavy	Domestic	Heavy
Breeding	Grass		Grain
+\$136	+\$118	+\$150	+\$129

Traits Observed: BWT 200WT 400WT(x2) SS FAT FMA IMF DOC Genomics Bplan Stats: Num of Herds 8, Progeny Analysed 174, Scan Progeny 43, Num of Dtrs 0

Recently signed with ABS Kicking is a super quiet sire who provides calving ease without scarificing growth and phenotype.

Reference Sire

CARABAR DOCKLANDS D62 PV

HBR Calved: 28/08/2008

Society Ident: QHED62

AMFU NHFU CAF DDF

Tattoo: QHE D62 (T&F)

BON VIEW NEW DESIGN 1407

Dam: QHEB12 CARABAR BLACKCAP MARY B12 **BOOROOMOOKA TRACY T4**

ARDROSSAN DIRECTION W109 Sire: NENZ181 KAROO W109 DIRECTION Z181

KAROO FLATS MADONNA V56

February 2019 Angus Australia RREEDEL AN

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Amgus	Calving Ease Direct	Calving Ease Dtrs	Gest Lgth (Days)	Birth Weight (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mature Cow Wt (kg)	Milk (kg)	Scrotal Size (cm)	Days to Calving (Days)	Carcase Weight (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	Retail Beef Yield (%)	IMF (%)
EBV	+3.7	+1.6	-9.1	+4.1	+47	+88	+125	+95	+22	+3.3	-8.0	+69	+6.3	+1.1	+1.1	+0.3	+1.1
ACC	97%	91%	99%	99%	99%	99%	99%	98%	98%	99%	84%	97%	96%	96%	96%	95%	95%

\$ Index Values

Angus	Heavy	Domestic	Heavy
Breeding	Grass		Grain
+\$137	+\$117	+\$140	+\$134

Traits Observed: GL,BWT,200WT,400WT,600WT,SS,FAT,EMA,IMF,Genomics Bplan Stats: Num of Herds 189, Progeny Analysed 3608, Scan Progeny 2120, Num of Dtrs 773

One of the most versatile and reliable bulls in the breed. Suits heifers and cows equally adds commercial value to all joinings.



Reference Sire

MATAURI REALITY 839

Calved: 15/09/2008

Society Ident: SCHURR 77 1346 EXCEL

Sire: USA14543651 SCHURRTOP REALITY X723

SCHURRTOP 8019 V141

Tattoo: 839

Dam: NZE14647106663 MATAURI 06663

MATAURI 04456 AB

TE MANIA ULONG U41

February 2019 Angus Australia BREEDPLAN

Aingus	Calving Ease Direct	Calving Ease Dtrs	Gest Lgth (Days)	Birth Weight (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mature Cow Wt (kg)	Milk (kg)	Scrotal Size (cm)	Days to Calving (Days)	Carcase Weight (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	Retail Beef Yield (%)	IMF (%)
EBV	+6.5	+6.1	-10.4	+1.2	+42	+79	+96	+91	+08	+3.8	-6.7	+49	+3.3	+5.3	+4.5	-2.7	+2.9
ACC	97%	92%	99%	99%	99%	99%	99%	98%	98%	99%	82%	96%	95%	96%	95%	94%	94%

\$ Index Values

Heavy

+\$109

Traits Observed: BWT.200WT.400WT.SS.FAT.EMA.IMF.Genomics

Bplan Stats: Num of Herds 205, Progeny Analysed 4865, Scan Progeny 2770, Num of Dtrs 568

Kiwi Bull with great structure, calving ease and impeccable disposition. As reliable as they come for heifer joinings.

Angus

Breeding

+\$117

ARDROSSAN EQUATOR A241

HBR

Society Ident: NAQA241

AMF NHF CAF DDF

Heavy

+\$114

AMF NHF CAF DDF

Tattoo: BUL A241 (T&F)

Calved: 9/09/2005

PAPA POWER 096

Sire: USA2928 PAPA EQUATOR 2928 PAPA ENVIOUS BLACKBIRD 8849

Domestic

+\$122

B/R NEW DIMENSION 7127 Dam: NAQW38 ARDROSSAN PRINCESS W38

ARDROSSAN PRINCESS U24

February 2019 Angus Australia BREEDPLAN

700	Calving	Calving	Gest	Birth	200	400	600	Mature	Milk	Scrotal	Days to	Carcase	EMA	Rib	Rump	Retail	IMF
4-7	Ease	Ease	Lgth	Weight	Day Wt	Day Wt	Day Wt	Cow Wt	(kg)	Size	Calving	Weight	(sq cm)	Fat	Fat	Beef	(%)
Angus	Direct	Dtrs	(Days)	(kg)	(kg)	(kg)	(kg)	(kg)	(kg)	(cm)	(Days)	(kg)	(Sq CIII)	(mm)	(mm)	Yield (%)	(70)
EBV	-0.4	-0.5	-4.8	+4.0	+50	+91	+121	+106	+22	+3.1	-8.2	+84	+5.9	-16	-1.5	+17	+1.9
	• • • •	0.0						. 100		. 011	0.1		- 0.0		110	* 111	
ACC	99%	97%	99%	99%	99%	99%	99%	99%	99%	99%	94%	98%	98%	98%	98%	98%	98%

\$ Index Values

Angus	Heavy	Domestic	Heavy
Breeding	Grass		Grain
+\$138	+\$122	+\$154	+\$129

Traits Observed: BWT,400WT(x2),SS,FAT,EMA,IMF,Genomics

Bplan Stats: Num of Herds 303, Progeny Analysed 7605, Scan Progeny 4787, Num of Dtrs 1879

The old master. Provides structure, calving ease, temperament and awesome EBVs. A must have in every herd.

Reference Sire

SITZ UPWARD 307R sv

HBR

Society Ident: USA14963730

AMF NHF CAF DDF

Tattoo: 14963730

Calved: 12/03/2005

CONNEALY LEAD ON

Sire: USA14216491 CONNEALY ONWARD

ALTUNE OF CONANGA 6104

SITZ VALUE 7097

Dam: USA14087650 SITZ HENRIETTA PRIDE 81M

SITZ HENRIETTA PRIDE 1370

February 2019 Angus Australia BREEDPLAN

Ameno	Calving Ease Direct	Calving Ease Dtrs	Gest Lgth (Days)	Birth Weight (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mature Cow Wt (kg)	Milk (kg)	Scrotal Size (cm)	Days to Calving (Days)	Carcase Weight (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	Retail Beef Yield (%)	IMF (%)
EBV	-0.5	+1.2	-3.9	+3.9	+60	+108	+129	+93	+26	+2.2	-3.1	+83	+7.7	-1.5	-2.3	+2.9	+0.5
ACC	95%	88%	99%	99%	98%	98%	98%	98%	98%	98%	79%	96%	95%	95%	95%	94%	94%

\$ Index Values

Angus	Heavy	Domestic	Heavy
Breeding	Grass		Grain
+\$125	+\$131	+\$120	+\$128

Traits Observed: Genomics

Bplan Stats: Num of Herds 75, Progeny Analysed 1179, Scan Progeny 681, Num of Dtrs 284

Gives breeders flexiability with a different pedigree whilst providing moderate calving ease, good structure and muscle.

Reference Sire

EF COMPLEMENT 8088

Calved: 18/01/2008

HBR

Society Ident: USA16198796

AMF NHF CAF DDF

Tattoo: 8088 **BR MIDLAND**

C A FUTURE DIRECTION 5321 Sire: USA14686137 BASIN FRANCHISE P142

Dam: USA15452880 EF EVERELDA ENTENSE 6117

H F EVERELDA ENTENSE 869

BASIN CHLOE 812L

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Amgus	Calving Ease Direct	Calving Ease Dtrs	Gest Lgth (Days)	Birth Weight (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mature Cow Wt (kg)	Milk (kg)	Scrotal Size (cm)	Days to Calving (Days)	Carcase Weight (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	Retai l Beef Yie l d (%)	IMF (%)
EBV	+3.2	+4.0	-5.6	+2.6	+53	+97	+126	+91	+22	+0.9	-4.2	+75	+8.8	+1.1	+1.8	-0.2	+1.9
ACC	95%	01%	00%	99%	00%	00%	98%	97%	05%	08%	65%	03%	03%	03%	01%	80%	01%

\$ Index Values

2.0049	0.0111	
Angus Heavy Domestic	Heavy Grain	

Traits Observed: Genomics

Bplan Stats: Num of Herds 178, Progeny Analysed 4204, Scan Progeny 1924, Num of Dtrs 208 Complement provides calving ease, doing ability and carcase with plenty of phenotype.



Murdeduke Angus Reference Sires



Reference Sire

TEXAS WESTERN EXPRESS J606 SV

Society Ident: DXTJ606

AMEU NHEU CAEU DDEU

Tattoo: TEX J606 (T&F)

Calved: 31/07/2013

Sire: WHHE10 BANGADANG WESTERN EXPRESS E10

BANGADANG WILCOOLA Y7

ARDROSSAN DIRECTION W109 Dam: DXTD035 TEXAS TOQUE D035

TEXAS TOQUE Z008

February 2019 Angus Australia BREEDPLAN

Argus	Calving Ease Direct	Calving Ease Dtrs	Gest Lgth (Davs)	Birth Weight (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mature Cow Wt (kg)	Milk (kg)	Scrotal Size (cm)	Days to Calving (Days)	Carcase Weight (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	Retail Beef Yield (%)	IMF (%)
EBV	+1.2	-0.4	-8.2	+5.8	+52	+89	+119	+134	+08	+1.2	-3.0	+84	+8.1	-1.4	-2.0	+1.5	+0.9
ACC	65%	49%	74%	93%	90%	91%	87%	79%	69%	90%	49%	77%	78%	80%	78%	73%	76%

\$ Index Values

Angus	Heavy	Domestic	Heavy
Breeding	Grass		Grain
+\$111	+\$108	+\$112	+\$111

Traits Observed: BWT.200WT.400WT.600WT.SS.FAT.EMA.IMF.DOC.Genomics Bplan Stats: Num of Herds 2, Progeny Analysed 108, Scan Progeny 81, Num of Dtrs 0

Has done all we have hoped for. Provides excellent structure, muscle and unequalled temperament in his progeny. Suits cows that need structure, punch and quietening.

Reference Sire

AYRVALE BARTEL E7

HBR

Society Ident: HIOE7

AMF NHF CAF DDF

Tattoo: AYR E7 (T&F)

Calved: 9/09/2009

B/R NEW DIMENSION 7127 Sire: VTMB219 TE MANIA BARTEL B219

TE MANIA JEDDA W85

MYTTY IN FOCUS

Dam: BVVB32 EAGLEHAWK JEDDA B32

EAGLEHAWK JEDDA Z48

February 2019 Angus Australia BREEDPLAN

Ameno	Calving Ease Direct	Calving Ease Dtrs	Gest Lgth (Days)	Birth Weight (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mature Cow Wt (kg)	Milk (kg)	Scrotal Size (cm)	Days to Calving (Days)	Carcase Weight (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	Retail Beef Yield (%)	IMF (%)
EBV	+4.3	+4.7	-5.5	+1.7	+50	+88	+113	+68	+26	+2.3	-11.1	+76	+7.3	-1.0	+0.2	+0.2	+3.4
ACC	98%	96%	99%	99%	99%	99%	99%	99%	98%	99%	86%	97%	97%	97%	97%	96%	96%

\$ Index Values

Angus	Heavy	Domestic	Heavy
Breeding	Grass		Grain
+\$163	+\$138	+\$187	+\$148

Traits Observed: BWT.200WT.400WT.600WT.SS.FAT.EMA.IMF.Genomics Bplan Stats: Num of Herds 211, Progeny Analysed 6018, Scan Progeny 3262, Num of Dtrs 1137

Proven calving ease sire with great carcase attributes and indexs.

Reference Sire

MILWILLAH GATSBY G279 PV

HBR

Society Ident: NJWG279

AMF NHF CAF DDF

Calved: 1/08/2011

TE MANIA AMBASSADOR A134 Sire: BNAD145 TUWHARETOA REGENT D145

LAWSONS HENRY VIII Y5

TE MANIA UNLIMITED U3271 Dam: NJWD112 MILWILLAH LOWAN D112

MILWILLAH LOWAN B83

February 2019 Angus Australia BREEDPLAN

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Amain	Calving Ease Direct	Calving Ease Dtrs	Gest Lgth (Days)	Birth Weight (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mature Cow Wt (kg)	Milk (kg)	Scrotal Size (cm)	Days to Calving (Days)	Carcase Weight (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	Retail Beef Yield (%)	IMF (%)
EBV	-5.1	-8.7	-2.7	+5.2	+49	+87	+115	+94	+20	+2.3	-8.0	+74	+8.8	+2.3	+2.1	-1.2	+4.3
ACC	93%	85%	99%	99%	98%	98%	98%	96%	96%	98%	70%	92%	92%	92%	91%	89%	90%

\$ Index Values

Angus	Heavy	Domestic	Heavy
Breeding	Grass		Grain
+\$132	+\$106	+\$157	+\$117

BANGADANG B31

Traits Observed: BWT,200WT,600WT(x2),FAT,EMA,IMF,Genomics

Bplan Stats: Num of Herds 78, Progeny Analysed 1713, Scan Progeny 937. Num of Dtrs 259

His progeny are clean shouldered, athletic and scan the house down. Look no further for IMF, length and structure.

Reference Sire

MILWILLAH ELEVATOR H249 PV

HBR

Society Ident: NJWH249

AMF NHFU CAFU DDFU

Tattoo: H249 (F)

Calved: 19/08/2012

COONAMBLE Z3 Sire: WDCE11 COONAMBLE ELEVATOR E11

MILWILLAH BANDO B3

Dam: NJWD123 MILWILLAH MOONGARA D123

MILWILLAH MOONGARA B107

February 2019 Angus Australia BREEDPLAN

Ameno	Calving Ease Direct	Calving Ease Dtrs	Gest Lgth (Days)	Birth Weight (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mature Cow Wt (kg)	Milk (kg)	Scrotal Size (cm)	Days to Calving (Days)	Carcase Weight (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	Retail Beef Yield (%)	IMF (%)
EBV	-3.7	-1.0	-2.4	+6.7	+58	+106	+148	+149	+14	+2.1	-0.3	+83	+6.2	-2.8	-2.9	+1.4	+1.7
ACC	66%	50%	89%	89%	85%	85%	82%	76%	65%	83%	48%	73%	73%	75%	74%	70%	71%

\$ Index Values

Heavy Angus Heavy Domestic Breeding Grass Grain +\$119 +\$108 +\$131 +\$117 Traits Observed: GL,BWT,200WT,600WT(x2),SS,FAT,EMA,IMF

Bplan Stats: Num of Herds 1, Progeny Analysed 30, Scan Progeny 27, Num of Dtrs 0

Milwillah sire who throws bone, temperament, strength, Elevator in his pedigree will give lift if you require it.





Reference Sire

MILWILLAH KRAKATOA K92 PV

Calved: 21/07/2014

Society Ident: NJWK92 AMF SCHURRTOP REALITY X723

Sire: NZE14647008839 MATAURI REALITY 839

MATAURI 06663

Tattoo: K92 (F)

COONAMBLE ELEVATOR E11

Dam: NJWH224 MILWILLAH BARUNAH H224

MILWILLAH BARUNAH B55

February 2019 Angus Australia BREEDPLAN

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America	Calving Ease Direct	Calving Ease Dtrs	Gest Lgth (Days)	Birth Weight (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mature Cow Wt (kg)	Milk (kg)	Scrotal Size (cm)	Days to Calving (Days)	Carcase Weight (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	Retail Beef Yield (%)	IMF (%)
EBV	+5.5	+4.2	-9.6	+2.1	+40	+70	+91	+104	+13	+2.3	-2.3	+53	+9.4	+2.1	+1.4	-1.0	+3.6
ACC	74%	58%	95%	96%	92%	92%	86%	79%	69%	86%	53%	77%	78%	80%	78%	74%	75%

\$ Index Values

+\$109	+\$103	+\$121	+\$104
Angus	Heavy	Domestic	Heavy
Breeding	Grass		Grain

Traits Observed: GL,BWT,200WT,400WT,600WT,FAT,EMA,IMF,Genomics Bplan Stats: Num of Herds 14, Progeny Analysed 169, Scan Progeny 65, Num of Dtrs 0

Krakatoa provides calving ease whilst adding carcase and structure. His sire group scanned exceptionally for EMA and IMF. Ideal for heifer joinings.

Reference Sire

MURDEDUKE BROKEN BOW L161 PV

HBR

Society Ident: CSWL161

AMFU NHFU CAFU DDFU

AMF NHF CAF DDF

Tattoo: MS L161 (T&F)

Calved: 22/07/2015

SUMMITCREST COMPLETE 1P55
Sire: USA16764044 KM BROKEN BOW 002

SUMMITCREST PRINCESS 0P12

TE MANIA YEAR-ON-YEAR Y314

Dam: CSWJ38 MURDEDUKE JEDDA J38

MURDEDUKE E175

February 2019 Angus Australia BREEDPLAN

Airens	Calving Ease Direct	Calving Ease Dtrs	Gest Lgth (Days)	Birth Weight (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mature Cow Wt (kg)	Milk (kg)	Scrotal Size (cm)	Days to Calving (Days)	Carcase Weight (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	Retail Beef Yield (%)	IMF (%)
EBV	-5.4	+1.1	-2.1	+7.0	+56	+101	+139	+131	+17	+3.3	-4.3	+75	+2.5	-0.7	-0.8	+0.6	+1.4
ACC	66%	50%	84%	82%	80%	81%	77%	72%	65%	74%	42%	71%	67%	70%	68%	65%	66%

\$ Index Values

+\$116	+\$104	+\$122	+\$113
Angus	Heavy	Domestic	Heavy
Breeding	Grass		Grain

Traits Observed: GL,CE,BWT,200WT,400WT,600WT,SS,FAT,EMA,IMF,DOC,Genomics Bplan Stats: Num of Herds 2, Progeny Analysed 19, Scan Progeny 8, Num of Dtrs 0

A Broken Bow son that was progeny tested after being a standout calf. His calves have plenty of style and grunt.

Reference Sire

MILLAH MURRAH KLOONEY K42 PV

HBR

Society Ident: NMMK42

AME NHE CAE DDE

Tattoo: JRT (CONJOINED) K42 (T&F)

Calved: 30/01/2014

B/R NEW DESIGN 036

Sire: NGMT30 BOOROOMOOKA THEO T030

BOOROOMOOKA QUAINT Q34

TE MANIA EMPEROR E343

Dam: NMMH4 MILLAH MURRAH PRUE H4

MILLAH MURRAH PRUE F12

February 2019 Angus Australia BREEDPLAN

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Ameno	Calving Ease Direct	Calving Ease Dtrs	Gest Lgth (Days)	Birth Weight (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mature Cow Wt (kg)	Milk (kg)	Scrotal Size (cm)	Days to Calving (Days)	Carcase Weight (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	Retail Beef Yield (%)	IMF (%)
EBV	+2.7	+0.9	-6.2	+5.7	+48	+92	+107	+91	+17	+1.8	-5.3	+65	+6.7	+0.0	-2.0	+0.5	+2.5
ACC	87%	78%	99%	98%	97%	98%	96%	86%	75%	97%	62%	89%	90%	91%	88%	83%	88%

\$ Index Values

Angus	Heavy	Domestic	Heavy
Breeding	Grass		Grain
+\$123	+\$121	+\$136	+\$116

Traits Observed: GL,BWT,200WT,400WT,SS,FAT,EMA,IMF,DOC,Genomics Bplan Stats: Num of Herds 67, Progeny Analysed 1083, Scan Progeny 551, Num of Dtrs 0

Klooney produces balanced easy doing progeny that catch your eye. His progeny are clean coated, arrive early, present well at sale and make terrific females.

MILLAH MURRAH BRENDA E64

Reference Sire

MILLAH MURRAH LOCH UP L133 PV

HBR Calved: 14/03/2015

Society Ident: NMML133 SITZ UPWARD 307R AMF NHF CAF DDF

Tattoo: JRT (CONJOINED) L133 (T&F)

TE MANIA EMPEROR E343

Dam: NMMH49 MILLAH MURRAH BRENDA H49

Sire: USA17091363 THOMAS UP RIVER 1614 THOMAS CAROL 7595

February 2019 Angus Australia BREEDPLAN

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Angus	Calving Ease Direct	Calving Ease Dtrs	Gest Lgth (Days)	Birth Weight (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mature Cow Wt (kg)	Milk (kg)	Scrotal Size (cm)	Days to Calving (Days)	Carcase Weight (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	Retail Beef Yield (%)	IMF (%)
EBV	-2.4	+1.3	-5.5	+5.3	+60	+101	+130	+111	+18	+2.5	-6.2	+78	+1.5	-1.3	-1.3	+0.2	+1.9
ACC	76%	54%	98%	98%	96%	96%	90%	80%	68%	94%	48%	78%	82%	83%	81%	75%	80%

\$ Index Values

+\$122	+\$114	+\$130	+\$117	-
Angus Breeding	Heavy Grass	Domestic	Heavy Grain	

Traits Observed: BWT,200WT,400WT,SS,FAT,EMA,IMF,DOC,Genomics
Bplan Stats: Num of Herds 49, Progeny Analysed 814, Scan Progeny 189, Num of Dtrs 0

Loch Up continues our investment in Millah Murrah genetics. His progeny are quiet, moderate in frame that stack on the weight due to their great feed efficiency.

Murdeduke 2018





























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HBR

Calved: 19/07/2017

Calved: 17/07/2017

LOT 1 MURDEDUKE DOCKLANDS N120 #

Society Ident: CSWN120 AMFU NHFU CAFU DDFU Tattoo: MS N120 (T&F) Calved: 21/07/2017

KAROO W109 DIRECTION Z181

Sire: QHED62 CARABAR DOCKLANDS D62

CARABAR BLACKCAP MARY B12

RENNYLEA EDMUND E11

Dam: CSWK304 MURDEDUKE K304

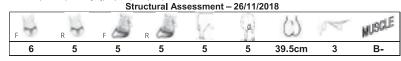
MURDEDUKE BARUNAH C191

February 2019 Angus Australia BREEDPLAN

Anon	Calving Ease Direct	Calving Ease Dtrs	Gest Lgth (Days)	Birth Weight (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mature Cow Wt (kg)	Milk (kg)	Scrotal Size (cm)	Days to Calving (Days)	Carcase Weight (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	Retail Beef Yield (%)	IMF (%)	NFI-F (kg/day)	Docility (%)
EBV	+1.0	-0.4	-7.7	+5.8	+50	+93	+128	+111	+16	+2.2	-7.9	+77	+7.9	+0.9	-0.6	+1.0	+1.6	+0.66	-5
ACC	60%	55%	69%	75%	72%	72%	70%	68%	65%	74%	53%	66%	66%	68%	67%	64%	65%	60%	65%

Traits Observed: BWT,200WT,400WT(x2),SS,FAT,EMA,IMF,DOC

	\$ Index	values	
Angus	Domestic	Heavy	Heavy
Breeding	Index	Grain	Grass
Index	muex	Index	Index
+\$144	+\$122	+\$156	+\$136



Typical Docklands son, plenty of growth, structure and style. Scanned 106sq cm EMA.

LOT 2 MURDEDUKE BARTEL N110 *

AMFU NHFU CAFU DDFU

Society Ident: CSWN110 AMFU
TE MANIA BARTEL B219
Sire: HIOE7 AYRVALE BARTEL E7
EAGLEHAWK JEDDA B32

+\$130

+\$114

Angus

Breeding

Index

+\$149

Angus

Breeding

Index

+\$128

Purchaser:....

Tattoo: MS N110 (T&F)

TE MANIA EMPEROR E343

Dam: CSWK112 MURDEDUKE JEDDA K112

MURDEDUKE JEDDA G74

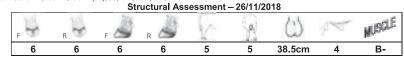
February 2019 Angus Australia BREEDPLAN

Argus	Calving Ease Direct	Calving Ease Dtrs	Gest Lgth (Days)	Birth Weight (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mature Cow Wt (kg)	Milk (kg)	Scrotal Size (cm)	Days to Calving (Days)	Carcase Weight (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	Retail Beef Yield (%)	IMF (%)	NFI-F (kg/day)	Docility (%)
EBV	+1.4	+3.1	-5.3	+4.6	+50	+96	+122	+104	+16	+1.8	-7.6	+75	+7.5	-0.6	-0.7	+0.3	+2.8	+0.31	-2
ACC	60%	57%	69%	74%	71%	71%	69%	68%	65%	74%	54%	67%	66%	68%	67%	65%	65%	62%	64%
						Tra	its Obse	ved: BWT	,200WT,4	00WT(x2)	,SS,FAT,E	MA,IMF,D	ОС						

\$ Index Values

Domestic Heavy Heavy
Index Grain Grass
Index Index Index

+\$170



Emperor Bartel cross provides calving ease, growth and carcase. Top 3% all indexes.

Purchaser:....\$......

LOT 3 MURDEDUKE DOCKLANDS N79 # HBR

Society Ident: CSWN79 AMFU NHFU CAFU DD17% Tattoo: MS N79 (T&F) Calved: 16/07/2017

KAROO W109 DIRECTION Z181

Sire: QHED62 CARABAR DOCKLANDS D62

CARABAR BLACKCAP MARY B12

TE MANIA ADA A149

Dam: CSWG29 MURDEDUKE JEDDA G29

MURDEDUKE JEDDA C222

February 2019 Angus Australia BREEDPLAN

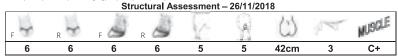
+\$125

Angus	Calving Ease Direct	Calving Ease Dtrs	Gest Lgth (Days)	Birth Weight (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mature Cow Wt (kg)	Milk (kg)	Scrotal Size (cm)	Days to Calving (Days)	Carcase Weight (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	Retail Beef Yield (%)	IMF (%)	NFI-F (kg/day)	Docility (%)
EBV	-0.9	-2.4	-5.9	+5.9	+52	+96	+130	+116	+18	+2.8	-5.9	+77	+7.9	+0.0	-0.1	+0.8	+1.3	+0.39	+2
ACC	58%	54%	66%	71%	69%	70%	68%	65%	64%	73%	52%	64%	64%	65%	66%	63%	63%	58%	60%
						Trait	ts Observ	ed: CE,BW	T,200WT	,400WT(x	2),SS,FAT	EMA,IMF,	DOC						

\$ Index Values

Domestic Heavy Heavy
Index Grain Grass
Index Index Index

+\$134



Strong bull with plenty of growth and milk. Top 10% EMA and Scrotal. Big EMA 103sq cm

LOT 4 MURDEDUKE UPWARD N92 # HBR

Society Ident: CSWN92 AMFU NHFU CAFU DDFU CONNEALY ONWARD

CARABAR DOCKLANDS D62

Dam: CSWJ197 MURDEDUKE JEDDA J197

Tattoo: MS N92 (T&F)

Sire: USA14963730 SITZ UPWARD 307R
SITZ HENRIETTA PRIDE 81M
Dam: CSWJ197 MURDED
MURDEDUKE E207

							Februa	ry 2019	Angus	Australi	a BREE	DPLAN							
Amons	Calving Ease Direct	Calving Ease Dtrs	Gest Lgth (Days)	Birth Weight (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mature Cow Wt (kg)	Mi l k (kg)	Scrotal Size (cm)	Days to Calving (Days)	Carcase Weight (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	Retail Beef Yield (%)	IMF (%)	NFI-F (kg/day)	Docility (%)
EBV	+0.1	+0.7	-3.7	+4.8	+52	+97	+124	+97	+22	+2.0	-3.4	+75	+5.9	-1.0	-1.5	+1.8	+0.7	+0.11	-20
ACC	56%	51%	69%	74%	69%	70%	68%	65%	62%	73%	48%	63%	63%	64%	64%	61%	61%	55%	59%

Traits Observed: BWT,200WT,400WT(x2),SS,FAT,EMA,IMF,DOC

	\$ Index	Values				St	ructural As	sessment	- 26/11/20	018		
Angus Breeding Index	Domestic Index	Heavy Grain Index	Heavy Grass Index	F B	R 😽	E	R 🔊	8	9	(2)	100	MUSCLE
+\$118	+\$118	+\$115	+\$120	6	6	5	6	5	6	40cm	4	C+

Bigger framed bull, with very balnced EBVs. Top 5% RBY and Milk.

Purchaser:....\$



\S

LOT 5 MURDEDUKE UPWARD N324 #

Society Ident: CSWN324 AMFU NHFU CAFU DDFU Tattoo: MS N324 (T&F) Calved: 17/08/2017

CONNEALY ONWARD

Sire: USA14963730 SITZ UPWARD 307R

SITZ HENRIETTA PRIDE 81M

TE MANIA EMPEROR E343

Dam: CSWK112 MURDEDUKE JEDDA K112

MURDEDUKE JEDDA G74

February 2019 Angus Australia BREEDPLAN

							1 Colud	19 2010	migae	, taoti an	u Ditte	D1							
Amous	Calving Ease Direct	Calving Ease Dtrs	Gest Lgth (Days)	Birth Weight (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mature Cow Wt (kg)	Mi l k (kg)	Scrotal Size (cm)	Days to Calving (Days)	Carcase Weight (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	Retail Beef Yield (%)	IMF (%)	NFI-F (kg/day)	Doci l ity (%)
EBV	+0.4	+1.8	-5.0	+4.9	+55	+104	+128	+113	+17	+2.4	-4.4	+78	+6.8	-0.6	-1.5	+1.7	+1.1	+0.03	-6
ACC	58%	52%	68%	74%	69%	70%	68%	66%	64%	73%	50%	65%	64%	66%	65%	63%	63%	58%	62%

Traits Observed: BWT,200WT,400WT(x2),SS,FAT,EMA,IMF,DOC

	a illuex	values	
Angus	Domestic	Heavy	Heavy
Breeding	Index	Grain	Grass
Index	inuex	Index	Index
+\$130	+\$127	+\$134	+\$128

¢ Indox Values

1	R	F S	R ASS	<u> </u>	A	(i)	PT	MUSCLE
6	6	5	5	5	5	40.5cm	4	C+

Young Upward son, a strong Australian maternal pedigree will suit domestic trade suppliers

Purchaser:....\$.....

 LOT 6
 MURDEDUKE HUSSAR N17 #
 HBR

 Society Ident: CSWN17
 AMFU NHFU CAFU DDFU
 Tattoo: MS N17 (T&F)
 Calved: 10/07/2017

TE MANIA EMPEROR E343
Sire: CSWH211 MURDEDUKE HUSSAR H211
MURDEDUKE E175

HIGHLANDER OF STERN AB

Dam: CSWJ49 MURDEDUKE PANDA J49

MURDEDUKE PANDA B180

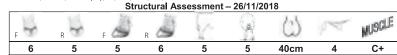
February 2019 Angus Australia BREEDPLAN

ARGUS	Calving Ease Direct	Calving Ease Dtrs	Gest Lgth (Days)	Birth Weight (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mature Cow Wt (kg)	Mi l k (kg)	Scrotal Size (cm)	Days to Calving (Days)	Carcase Weight (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	Retail Beef Yield (%)	IMF (%)	NFI-F (kg/day)	Doci l ity (%)
EBV	+1.5	-0.2	-6.9	+4.1	+49	+95	+129	+124	+16	+1.9	-5.2	+70	+5.5	-0.1	-0.7	+0.9	+0.8	+0.24	+11
ACC	49%	41%	65%	74%	69%	70%	67%	62%	54%	72%	43%	62%	61%	63%	63%	59%	60%	54%	61%

Traits Observed: BWT,200WT,400WT(x2),SS,FAT,EMA,IMF,DOC

Angus Breeding Index	Domestic Index	Heavy Grain Index	Heavy Grass Index
+\$125	+\$114	+\$127	+\$124

\$ Index Values



Super sound Hussar son, great birth to 600 day spread. Will lift cow size. Scanned 105sq cm EMA

Purchaser:....\$......

LOT 7 MURDEDUKE COMPLEMENT N265 # HBR

Society Ident: CSWN265 AMFU NHFU CAFU DDFU Tattoo: MS N265 (T&F) Calved: 7/08/2017

BASIN FRANCHISE P142
Sire: USA16198796 EF COMPLEMENT 8088

MURDEDUKE GABBLE G6

Dam: CSWJ267 MURDEDUKE PANDA J267

EF EVERELDA ENTENSE 6117 MURDEDUKE E121

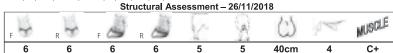
February 2019 Angus Australia BREEDPLAN

Calving Calving Gest Birth 200 400 600 Mature Mill Scrotal Days to Carcase

	ACC	55%	50%	84%	74%	69%	70%	68%	64%	60%	71%	40%	61%	61%	63%	63%	59%	59%	52%	59%
	EBV	-1.2	+0.7	-4.3	+5.3	+54	+99	+135	+115	+21	+1.7	-4.0	+78	+6.2	-0.8	-0.7	+0.6	+2.1	+0.33	+12
A	repes	Ease Direct	Ease Dtrs	Lgth (Days)	Weight (kg)	Day Wt (kg)	Day Wt (kg)	Day Wt (kg)	Cow Wt (kg)	(kg)	Size (cm)	Calving (Days)	Weight (kg)	(sq cm)	Fat (mm)	Fat (mm)	Beef Yield (%)	(%)	(kg/day)	(%)
		Calving	Calving	Gest	Birth	200	400	600	Mature	Milk	Scrotal	Days to	Carcase	EMA	Rib	Rump	Retail	IMF	NFI-F	Docility

Traits Observed: GL,CE,BWT,200WT,400WT,SS,FAT,EMA,IMF,DOC

	\$ Index	Values	
Angus	Domestic	Heavy	Heavy
Breeding	Index	Grain	Grass
Index	index	Index	Index
+\$132	+\$116	+\$143	+\$127



Calved: 10/07/2017

First Complement Son provides growth and carcase.

LOT 8 MURDEDUKE DOCKLANDS N13 # HBR

Society Ident: CSWN13 AMFU NHFU CAFU DDFU Tattoo: MS N13 (T&F) C

KAROO W109 DIRECTION Z181 TE MANIA EMPEROR E343

Sire: QHED62 CARABAR DOCKLANDS D62
CARABAR BLACKCAP MARY B12 Dam: CSWL267 MURDEDUKE BARUNAH L267

MURDEDUKE FALLOW F37

February 2019 Angus Australia BREEDPI AN

							1 Colud	.,	mgao	, taoti an	u Ditte	D1 E7 (14							
F Arrow	Calving Ease Direct	Calving Ease Dtrs	Gest Lgth (Days)	Birth Weight (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mature Cow Wt (kg)	Mi l k (kg)	Scrotal Size (cm)	Days to Calving (Days)	Carcase Weight (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	Retail Beef Yield (%)	IMF (%)	NFI-F (kg/day)	Doci l ity (%)
EBV	+1.9	+1.4	-7.6	+4.4	+47	+91	+119	+98	+17	+1.6	-5.8	+66	+5.9	+0.2	-0.3	-0.2	+2.3	+0.51	-15
ACC	58%	54%	85%	74%	69%	70%	68%	65%	62%	73%	52%	64%	64%	65%	65%	62%	62%	57%	60%

Traits Observed: GL,CE,BWT,200WT,400WT(x2),SS,FAT,EMA,IMF,DOC

S Index Values Angus Breeding Index				ITAILS	Observed	. GL,CE,DVV	1,200001,400		(I , EIVIA, IIVIF, DC					
Breeding Index Grain Grass		\$ Index	Values					Sti	ructural Ass	sessment	- 26/11/20)18		
Ilidex Ilidex				,		1	R 🍑	E S	R 🔊	8		(1)	100	MUSCLE
+\$131 +\$117 +\$143 +\$125 6 6 6 6 5 35cm 4 C+	+\$131	+\$117	+\$143	+\$125		6	6	6	6	5	5	35cm	4	C+

Short Gestation with moderate birth weight would suit well grown heifers

Purchaser:...\$





LOT 9

MURDEDUKE COMPLEMENT N66

Society Ident: CSWN66

Calved: 15/07/2017

BASIN FRANCHISE P142 Sire: USA16198796 EF COMPLEMENT 8088

EF EVERELDA ENTENSE 6117

MURDEDUKE HUSSAR H211

Dam: CSWL419 MURDEDUKE MARTINA L419

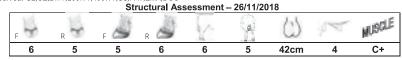
MURDEDUKE E164

February 2019 Angus Australia BREEDPLAN

Amous	Calving Ease Direct	Calving Ease Dtrs	Gest Lgth (Days)	Birth Weight (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mature Cow Wt (kg)	Milk (kg)	Scrotal Size (cm)	Days to Calving (Days)	Carcase Weight (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	Retail Beef Yield (%)	IMF (%)	NFI-F (kg/day)	Docility (%)
EBV	+2.1	+3.0	-4.6	+2.0	+53	+102	+129	+94	+24	+2.7	-5.9	+77	+6.6	+2.6	+2.0	-0.6	+1.9	+0.53	+8
ACC	54%	51%	84%	74%	69%	70%	68%	64%	60%	73%	42%	63%	62%	64%	62%	59%	61%	55%	59%

Traits Observed: GL,CE,BWT,200WT,400WT,SS,FAT,EMA,DOC

		\$ Index	Values	
	Angus	Domestic	Heavy	Heavy
	Breeding	Index	Grain	Grass
	Index	muex	Index	Index
Ī	+\$139	+\$126	+\$142	+\$137



Moderate, thick Complement with a low birth EBV and plenty of growth.

MURDEDUKE HUSSAR N164

HBR

LOT 10 Society Ident: CSWN164

Tattoo: MS N164 (T&F)

TE MANIA EMPEROR E343

AMFU NHFU CAFU DDFU

TE MANIA ADA A149

Calved: 30/07/2017

Sire: CSWH211 MURDEDUKE HUSSAR H211 MURDEDUKE E175

Dam: CSWG175 MURDEDUKE JEDDA G175

MURDEDUKE JEDDA B205

February 2019 Angus Australia BREEDPLAN

Anos	Calving Ease Direct	Calving Ease Dtrs	Gest Lgth (Days)	Birth Weight (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mature Cow Wt (kg)	Milk (kg)	Scrotal Size (cm)	Days to Calving (Days)	Carcase Weight (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	Retail Beef Yield (%)	IMF (%)	NFI-F (kg/day)	Docility (%)
EBV	-0.4	+1.3	-8.2	+5.3	+56	+100	+140	+146	+14	+2.7	-2.9	+82	+4.7	-0.7	-1.9	+1.1	+1.1	+0.48	+14
ACC	49%	42%	84%	75%	70%	70%	68%	63%	56%	73%	44%	62%	62%	64%	63%	59%	60%	55%	60%
								LOLOFD											

\$ Index Values Heavy Heavy Domestic Breeding Grain Grass Index Index Index +\$127

		Sti	ructurai Ass	sessment	- 26/11/2	018		
1	R 😽		R 🎒	1		(1)	00	MUSCLE
5	5	5	5	5	5	38.5cm	5	C+

Purchaser:....

Index

+\$121

MURDEDUKE GATSBY N128 LOT 11

Society Ident: CSWN128

AMFU NHFU CAFU DDFU

Tattoo: MS N128 (T&F)

Calved: 22/07/2017

TUWHARETOA REGENT D145 Sire: NJWG279 MILWILLAH GATSBY G279 MILWILLAH LOWAN D112

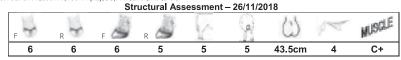
TE MANIA ADA A149 Dam: CSWD80 MURDEDUKE JEDDA D80

MURDEDUKE JEDDA Z67

February 2019 Angus Australia BREEDPLAN

Amon	Calving Ease Direct	Calving Ease Dtrs	Gest Lgth (Days)	Birth Weight (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mature Cow Wt (kg)	Mi l k (kg)	Scrotal Size (cm)	Days to Calving (Days)	Carcase Weight (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	Retail Beef Yield (%)	IMF (%)	NFI-F (kg/day)	Docility (%)
EBV	-3.3	-4.2	-2.5	+4.8	+47	+83	+108	+106	+17	+3.1	-5.8	+68	+4.2	+0.7	+1.4	-0.7	+2.9	+0.04	+3
ACC	58%	52%	68%	76%	72%	73%	71%	67%	64%	75%	47%	64%	64%	65%	66%	62%	62%	55%	64%
						Tra	ite Ohea	ved: RWT	200W/T 4	$00M/T/\sqrt{21}$	SSEATE	MA IME DI	20						

\$ Index Values Heavy Angus Heavy Domestic Breeding Grain Grass Index Index Index +\$108 +\$98 +\$119 +\$101



Strong Australian bloodlines providing good carcase attributes.

Purchaser:

LOT 12 MURDEDUKE KLOONEY

HBR

Society Ident: CSWN51 BOOROOMOOKA THEO T030 Tattoo: MS N51 (T&F)

Calved: 14/07/2017

AMFU NHFU CAFU DDFU

TE MANIA QUANTUM 09 490

CSWL328 MURDEDUKE BARUNAH L328 MURDEDUKE BARUNAH G22

Sire: NMMK42 MILLAH MURRAH KLOONEY K42 MILLAH MURRAH PRUE H4

February 2019 Angus Australia BREEDPLAN

							1 CDI GG	19 2010	Anguo	Austru	u Diver	D1 L/((1							
Aron	Calving Ease Direct	Calving Ease Dtrs	Gest Lgth (Days)	Birth Weight (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mature Cow Wt (kg)	Milk (kg)	Scrotal Size (cm)	Days to Calving (Days)	Carcase Weight (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	Retail Beef Yield (%)	IMF (%)	NF I- F (kg/day)	Docility (%)
EBV	+0.6	+0.5	-4.5	+6.4	+55	+107	+133	+118	+15	+2.9	-5.9	+77	+5.5	-0.8	-0.6	+0.2	+2.3	+0.26	+18
ACC	52%	46%	84%	74%	69%	70%	67%	61%	54%	73%	42%	62%	62%	64%	62%	57%	61%	56%	58%

Traits Observed: GL,CE,BWT,200WT,400WT(x2),SS,FAT,EMA,IMF,DOC

\$ Index Values

	¥		
Angus Breeding Index	Domestic Index	Heavy Grain Index	Heavy Grass
inaex		index	Index
+\$141	+\$128	+\$157	+\$132

		Sti	<u>ructu</u> ral Ass	sessment	<u> </u>	018		
1	R 😽		R 🎒	8	9	(1)	100	MUSCLE
6	6	6	6	5	5	42.5cm	4	C+

Top 1 % for 400 day growth, great structural EBVs and pedigree



EBV ACC

MUSCLE C+

LOT 13 MURDEDUKE KICKING N333 HBR

Society Ident: CSWN333 AMFU NHFU CAFU DDFU Calved: 19/08/2017 Tattoo: MS N333 (T&F)

TE MANIA EMPEROR E343 Sire: CSWK428 MURDEDUKE KICKING K428

Dam: CSWL93 MURDEDUKE JEDDA L93 MURDEDUKE E175 MURDEDUKE JEDDA D69

						Februa	ry 2019 .	Angus .	Australi	a BREE	DPLAN							
Calving Ease Direct	Calving Ease Dtrs	Gest Lgth (Days)	Birth Weight (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mature Cow Wt (kg)	Milk (kg)	Scrotal Size (cm)	Days to Calving (Days)	Carcase Weight (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	Retail Beef Yield (%)	IMF (%)	NF I- F (kg/day)	Docility (%)
-2.5	-1.7	-4.3	+3.6	+49	+104	+135	+119	+23	+1.0	-2.9	+77	+4.3	+0.2	-0.7	-0.4	+2.5	+0.03	+22
47%	39%	67%	73%	68%	69%	65%	60%	55%	72%	40%	59%	58%	60%	59%	55%	57%	50%	57%

COONAMBLE ELEVATOR E11

Traits Observed: CE.BWT.200WT.400WT(x2),SS.FAT.EMA.IMF.DOC

	\$ index	values				31	ructurai As	sessment	- 20/11/20	010
Angus Breeding Index	Domestic Index	Heavy Grain Index	Heavy Grass Index	1	R 😽	E 🗳	R 🗳	6	9	(2)
+\$121	+\$110	+\$135	+\$117	6	6	5	6	4	5	35cm

Super quiet, structurally sound curve bender. First of our Kicking sons.

Purchaser:....

MURDEDUKE KICKING N389 sv **LOT 14 HBR**

Society Ident: CSWN389 AMFU NHFU CAFU DDFU Calved: 28/08/2017 Tattoo: MS N389 (T&F)

TE MANIA EMPEROR E343 TE MANIA EMPEROR E343 Sire: CSWK428 MURDEDUKE KICKING K428 Dam: CSWJ191 MURDEDUKE JEDDA J191 MURDEDUKE E175 MURDEDUKE DEMIJOHN D208

February 2019 Angus Australia BREEDPLAN

Arges	Calving Ease Direct	Calving Ease Dtrs	Gest Lgth (Days)	Birth Weight (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mature Cow Wt (kg)	Milk (kg)	Scrotal Size (cm)		Carcase Weight (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	Retail Beef Yield (%)	IMF (%)	NFI-F (kg/day)	Docility (%)
EBV	+1.7	+2.2	-5.7	+3.8	+51	+100	+131	+123	+17	+3.0	-5.7	+77	+2.0	+1.4	-0.1	-0.8	+2.8	+0.03	+19
ACC	50%	42%	71%	75%	70%	71%	67%	62%	56%	73%	44%	60%	61%	62%	63%	58%	58%	51%	60%

Traits Observed: CE.BWT.200WT.400WT(x2).SS.FAT.EMA.IMF.DOC

	\$ Index	Values			,	St	ructural Ass	sessment	- 26/11/2	018		
Angus Breeding Index	Domestic Index	Heavy Grain Index	Heavy Grass Index	1	R 🍑	F 🗳	R 🗳	8	9	(2)	00	MUSCL
+\$136	+\$119	+\$155	+\$127	6	5	6	6	5	6	41.5cm	5	С

Hard to fault this young bulls numbers, calving ease, growth and docility

Purchaser:.....

MURDEDUKE EQUATOR A241 N116 # **LOT 15 HBR**

Society Ident: CSWN116 AMFU NHFU CAFU DDFU Tattoo: MS N116 (T&F) Calved: 20/07/2017

PAPA EQUATOR 2928

TUWHARETOA REGENT D145 Sire: NAQA241 ARDROSSAN EQUATOR A241 Dam: CSWJ258 MURDEDUKE JEDDA J258 ARDROSSAN PRINCESS W38 MURDEDUKE JEDDA F49

February 2019 Angus Australia BREEDPLAN

Ange	Calving Ease Direct	Calving Ease Dtrs	Gest Lgth (Days)	Birth Weight (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mature Cow Wt (kg)	Mi l k (kg)	Scrotal Size (cm)	Days to Calving (Days)	Carcase Weight (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	Retail Beef Yield (%)	IMF (%)	NFI-F (kg/day)	Docility (%)
EBV	-3.5	-3.6	-2.7	+5.4	+51	+88	+123	+112	+18	+2.7	-6.4	+83	+9.4	-1.8	-2.3	+2.3	+2.5	+0.33	-1
ACC	61%	59%	68%	71%	71%	72%	70%	68%	65%	75%	59%	67%	67%	69%	69%	66%	67%	63%	65%

Traits Observed: 200WT,400WT(x2),SS,FAT,EMA,IMF,DOC

		\$ Index	Values				St	ructural Ass	sessment	— 26/11/2	018		
	Angus Breeding Index	Domestic Index	Heavy Grain Index	Heavy Grass Index	1	R 🍣	F	R 🗳	8	9	(1)	00	MUSCLE
Г	+\$137	+\$117	+\$158	+\$125	6	5	5	5	4	5	40.5cm	4	B-

Trusted genetics that just keep delivering. Top EMA Scan 109sq cm IMF 4.6%

Purchaser:....

MURDEDUKE GATSBY N105 # **LOT 16 HBR**

Society Ident: CSWN105 AMFU NHFU CAFU DDFU Calved: 18/07/2017 Tattoo: MS N105 (T&F)

TUWHARETOA REGENT D145 TE MANIA ADA A149 Sire: NJWG279 MILWILLAH GATSBY G279 Dam: CSWD80 MURDEDUKE JEDDA D80 MILWILLAH LOWAN D112 MURDEDUKE JEDDA Z67

February 2019 Angus Australia BREEDPLAN

							I CDI uu	11 y 2010	Allgus	Austrui	u DIVLL	DILAN							
Arge	Calving Ease Direct	Calving Ease Dtrs	Gest Lgth (Days)	Birth Weight (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mature Cow Wt (kg)	Milk (kg)	Scrotal Size (cm)	Days to Calving (Days)	Carcase Weight (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	Retail Beef Yield (%)	IMF (%)	NFI-F (kg/day)	Docility (%)
EBV	3.6	-4.3	-2.3	+5.4	+50	+85	+111	+111	+16	+2.3	-5.0	+70	+5.0	+0.4	+0.7	-0.2	+2.5	+0.14	-6
ACC	58%	52%	68%	71%	71%	72%	70%	66%	64%	75%	47%	64%	64%	65%	66%	62%	62%	55%	64%

Traits Observed: 200WT,400WT(x2),SS,FAT,EMA,IMF,DOC

	\$ Index	Values				St	ructural Ass	sessment	- 26/11/20	018		
Angus Breeding Index	Domestic Index	Heavy Grain Index	Heavy Grass Index	F H	R	F 🗳	R 🗳	8		(2)	00	MUSCLE
+\$105	+\$98	+\$113	+\$101	6	5	6	5	5	5	41cm	5	C+

Clean skinned, easy doing bull with strong Australian pedigree

Purchaser:....





MURDEDUKE COMPLEMENT N154

Society Ident: CSWN154

Calved: 30/07/2017

BASIN FRANCHISE P142 Sire: USA16198796 EF COMPLEMENT 8088 EF EVERELDA ENTENSE 6117

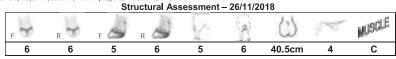
ARDROSSAN EQUATOR A241 **CSWK88 MURDEDUKE JEDDA K88** MURDEDUKE JEDDA E89

February 2019 Angus Australia BREEDPLAN

								IY EUIU			~ -:	,							
Anoss	Calving Ease Direct	Calving Ease Dtrs	Gest Lgth (Days)	Birth Weight (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mature Cow Wt (kg)	Mi l k (kg)	Scrotal Size (cm)	Days to Calving (Days)	Carcase Weight (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	Retail Beef Yield (%)	IMF (%)	NFI-F (kg/day)	Doci l ity (%)
EBV	+0.2	+0.4	-8.1	+6.0	+55	+101	+135	+117	+18	+2.3	-5.2	+84	+7.8	-1.4	-1.5	+1.8	+1.6	+0.30	+10
ACC	58%	54%	84%	74%	70%	70%	68%	65%	61%	74%	46%	63%	63%	63%	64%	60%	61%	56%	61%

Traits Observed: GL.CE.BWT.200WT.400WT(x2).SS.FAT.EMA.IMF.DOC

		\$ Index	Values	
	Angus	Domestic	Heavy	Heavy
	Breeding	Index	Grain	Grass
	Index	muex	Index	Index
I	+\$142	+\$127	+\$155	+\$136



Combines the reliability of A241 with the carcase and shape of Complement

LOT 18

MURDEDUKE HUSSAR N173

Society Ident: CSWN173

AMFU NHFU CAFU DDFU

Tattoo: MS N173 (T&F)

Calved: 31/07/2017

TE MANIA EMPEROR E343 Sire: CSWH211 MURDEDUKE HUSSAR H211 TE MANIA WALLOP W82

CSWF101 MURDEDUKE BARUNAH F101

MURDEDUKE E175

MURDEDUKE BARUNAH D20

February 2019 Angus Australia BREEDPLAN

Anges	Calving Ease Direct	Calving Ease Dtrs	Gest Lgth (Days)	Birth Weight (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mature Cow Wt (kg)	Milk (kg)	Scrotal Size (cm)	Days to Calving (Days)	Carcase Weight (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	Retail Beef Yield (%)	IMF (%)	NFI-F (kg/day)	Doci l ity (%)
EBV	+1.4	+1.3	-7.7	+4.7	+50	+100	+135	+128	+19	+3.2	-3.7	+77	+5.7	-0.3	-2.4	+1.6	+1.2	+0.21	+12
ACC	46%	38%	85%	74%	68%	69%	67%	61%	56%	72%	41%	60%	60%	62%	62%	57%	58%	52%	57%
						Trai	ts Observ	ed: GL,CE	,BWT,200	WT,400W		FAT,EMA,L							

\$ Index Values Heavy Heavy Domestic Grain Grass Index Index Index

14	10	40	ructural Ass	3C33IIICIII	(a)	45	00	MISCLE
F 6	R 6	F 🥌	R 6	6	6	43cm	4	C+

Deep barrelled Hussar son exceptional EBV spread. Will give lift.

Purchaser:..... LOT 19

Angus

Breeding

Index

+\$130

Anaus

Breeding

Index

+\$130

MURDEDUKE HUSSAR N148

Society Ident: CSWN148

+\$120

+\$116

Tattoo: MS N148 (T&F)

Calved: 29/07/2017

Calved: 16/07/2017

TE MANIA EMPEROR E343

Sire: CSWH211 MURDEDUKE HUSSAR H211

Index

+\$143

ALPINE BEAUREGARD B78

CSWE278 MURDEDUKE E278

MURDEDUKE E175

MURDEDUKE JEDDA C218

							Februa	ary 2019	Angus	Australi	a BREE	DPLAN
1	Calving	Calving	Gest	Birth	200	400	600	Mature	s etc.	Scrotal	Days to	Carcase

Arrest	Calving Ease Direct	Calving Ease Dtrs	Gest Lgth (Days)	Birth Weight (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mature Cow Wt (kg)	Milk (kg)	Scrotal Size (cm)	Days to Calving (Days)	Carcase Weight (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	Retail Beef Yield (%)	IMF (%)	NFI-F (kg/day)	Doci l ity (%)
EBV	+1.7	+1.2	-8.5	+4.7	+51	+97	+135	+132	+18	+2.7	-4.5	+78	+4.1	-1.1	-2.9	+1.2	+1.5	+0.36	+8
ACC	46%	39%	85%	73%	68%	69%	66%	61%	56%	72%	41%	60%	57%	61%	61%	56%	57%	52%	58%
						Tra	its Observ	/ed: GL,CE	,BWT,20	OWT,400V		FAT,IMF,L							

\$ Index Values Heavy Heavy Domestic Grain Grass Index

+\$125

		St	ructural Ass	sessment	– 26/11/2	018		
F H	R	3	R S	1	9	(1)	00	MUSCLE
6	5	5	6	5	5	41.5cm	5	C+

Taller, longer bull. Top 3% EBVs for gestation, 600 day, NFI, C Wt. Scanned 105sq cm EMA

HBR LOT 20 MURDEDUKE ELEVATOR N78

AMFU NHFU CAFU DDFU Society Ident: CSWN78 COONAMBLE FLEVATOR F11 Sire: NJWH249 MILWILLAH ELEVATOR H249 MILWILLAH MOONGARA D123

Tattoo: MS N78 (T&F) RENNYLEA EDMUND E11 **CSWK81 MURDEDUKE JEDDA K81** MURDEDUKE JEDDA A77

February 2019 Angus Australia BREEDPLAN

All	(1) (3)	Calving Ease Direct	Calving Ease Dtrs	Gest Lgth (Days)	Birth Weight (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mature Cow Wt (kg)	Milk (kg)	Scrotal Size (cm)	Days to Calving (Days)	Carcase Weight (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	Retail Beef Yield (%)	IMF (%)	NFI-F (kg/day)	Docility (%)
E	BV	-1.1	-0.4	-3.5	+4.8	+48	+93	+126	+132	+15	+1.1	-2.8	+74	+6.7	-1.4	-2.7	+1.4	+1.9	+0.09	+3
Α	.CC	46%	38%	64%	73%	68%	68%	65%	60%	52%	71%	39%	58%	59%	60%	60%	55%	55%	47%	56%

Traits Observed: BWT,200WT,400WT(x2),SS,FAT,EMA,IMF,DOC

	\$ Index	Values					St	ructural As:	sessment	- 26/11/2	018		
Angus Breeding Index	Domestic Index	Heavy Grain Index	Heavy Grass Index		F H	R 🍑	F &	R 🗳	8	9	(2)	100	MUSCLE
+\$120	+\$110	+\$134	+\$115]	6	6	6	6	5	5	38cm	4	C+

A good cross, Edmund and Elevator genetics, moderate calving with growth. EMA 100sq cm.





LOT 21

MURDEDUKE ELEVATOR N52

Society Ident: CSWN52

AMFU NHFU CAFU DDFU

Tattoo: MS N52 (T&F)

Calved: 14/07/2017

COONAMBLE ELEVATOR E11 Sire: NJWH249 MILWILLAH ELEVATOR H249 MILWILLAH MOONGARA D123

MURDEDUKE HITMAN H24 Dam: CSWL535 MURDEDUKE JEDDA L535

MURDEDUKE H396

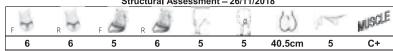
February 2019 Angus Australia BREEDPLAN

							i ebiua	19 2013	Allyus	Austraji	a DIVLL	DILCAN							
Amon	Calving Ease Direct	Calving Ease Dtrs	Gest Lgth (Days)	Birth Weight (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mature Cow Wt (kg)	Milk (kg)	Scrotal Size (cm)	Days to Calving (Days)	Carcase Weight (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	Retail Beef Yield (%)	IMF (%)	NF I- F (kg/day)	Docility (%)
EBV	-1.9	+0.0	-3.4	+5.8	+57	+104	+147	+146	+12	+2.1	-2.1	+82	+6.0	-0.9	-1.3	+0.8	+1.8	+0.04	+7
ACC	42%	33%	62%	72%	66%	65%	69%	62%	48%	68%	34%	56%	55%	56%	57%	51%	49%	44%	51%

Traits Observed: CE.BWT.200WT.600WT.SS.FAT.EMA.IMF.DOC

Structural Assessment - 26/11/2018

		\$ Index	Values	
	Angus	Domestic	Heavy	Heavy
	Breeding	Index	Grain	Grass
	Index	Index	Index	Index
1	+\$130	+\$113	+\$142	+\$127



Looking for growth, this bull provides it. Top 3% 200,400,600 day, Carcase Wt

LOT 22

MURDEDUKE EMPEROR N205

HBR

Society Ident: CSWN205

AMFU NHFU CAFU DDFU

Tattoo: MS N205 (T&F)

Calved: 2/08/2017

TE MANIA BERKLEY B1

TE MANIA ADA A149

Dam: CSWG74 MURDEDUKE JEDDA G74

MURDEDUKE JEDDA D161

Sire: VTME343 TE MANIA EMPEROR E343 TE MANIA LOWAN Z74

February 2019 Angus Australia BREEDPLAN

											~								
Arross	Calving Ease Direct	Calving Ease Dtrs	Gest Lgth (Days)	Birth Weight (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mature Cow Wt (kg)	Milk (kg)	Scrotal Size (cm)	Days to Calving (Days)	Carcase Weight (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	Retail Beef Yield (%)	IMF (%)	NFI-F (kg/day)	Docility (%)
EBV	+1.4	+2.8	-5.4	+4.0	+46	+94	+121	+125	+12	+3.7	-6.3	+67	+3.0	+0.9	+0.9	-0.6	+2.4	+0.20	+7
ACC	61%	56%	85%	77%	73%	73%	71%	68%	66%	76%	55%	67%	67%	68%	68%	65%	66%	61%	66%
	Traits Observed: GL,CE,BWT,200WT,400WT(x2),SS,FAT,EMA,IMF,DOC																		

	a illuex	values	
Angus	Domestic	Heavy	Heavy
Breeding	Index	Grain	Grass
Index	index	Index	Index
+\$132	+\$117	+\$147	+\$123

		31	ructural As	sessineni	- 20/11/20	710		
F S	R 😽	F 🗳	R 🎒	1		(2)	100	MUSCLE
6	6	6	5	4	5	46cm	4	C+

Huge scrotal, postive fats and moderate calving ease. A good package.

Purchaser:....

HBR

LOT 23 Society Ident: CSWN339

MURDEDUKE KICKING N339 sv AMFU NHFU CAFU DDFU

Tattoo: MS N339 (T&F)

Calved: 22/08/2017

TE MANIA EMPEROR E343

ARDROSSAN EQUATOR A241 **CSWK107 MURDEDUKE JEDDA K107**

MURDEDUKE JEDDA A77

Sire: CSWK428 MURDEDUKE KICKING K428

MURDEDUKE E175

February 2019 Angus Australia BREEDPLAN

Argus	Calving Ease Direct	Calving Ease Dtrs	Gest Lgth (Days)	Birth Weight (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mature Cow Wt (kg)	Milk (kg)	Scrotal Size (cm)	Days to Calving (Days)	Carcase Weight (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	Retail Beef Yield (%)	IMF (%)	NFI-F (kg/day)	Docility (%)
EBV	+0.5	+0.8	-4.8	+3.7	+49	+92	+126	+116	+21	+3.6	-6.9	+77	+3.8	+0.3	-0.7	+0.8	+1.6	+0.03	+16
ACC	48%	41%	64%	73%	68%	69%	65%	59%	53%	72%	43%	58%	58%	59%	60%	55%	55%	49%	58%
						Trait	s Observ	ed: CE,BW	T,200WT	,400WT(x	2),SS,FAT	EMA,IMF,	DOC						

\$ Index Values

Domestic

Index

+\$115

Heavy

Grain

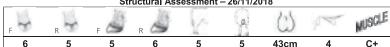
Index

+\$141

Heavy Grass Index

+\$125

Structural Assessment - 26/11/2018



Calving Ease Option with scrotal, docility and structure.

Purchaser:....

Angus

Breeding

Index

+\$131

LOT 24

MURDEDUKE UPWARD N230

HBR

Society Ident: CSWN230

AMFU NHFU CAFU DDFU

Tattoo: MS N230 (T&F)

Calved: 4/08/2017

CONNEALY ONWARD

HF TIGER 5T

Sire: USA14963730 SITZ UPWARD 307R SITZ HENRIETTA PRIDE 81M

Dam: CSWF198 MURDEDUKE BARUNAH F198

MURDEDUKE BARUNAH Y109

February 2019 Angus Australia RREEDDI AN

							I CDI UU	19 2010	Aligus	Australi	a DIVLL	DILAN							
Ampas	Calving Ease Direct	Calving Ease Dtrs	Gest Lgth (Days)	Birth Weight (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mature Cow Wt (kg)	Milk (kg)	Scrotal Size (cm)	Days to Calving (Days)	Carcase Weight (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	Retail Beef Yield (%)	IMF (%)	NFI-F (kg/day)	Doci l ity (%)
EBV	+0.6	+2.1	-3.8	+3.4	+52	+95	+112	+87	+21	+1.7	-4.1	+70	+6.1	-0.7	-0.9	+1.8	+0.4	+0.18	-16
ACC	57%	51%	85%	74%	70%	71%	69%	67%	63%	73%	47%	63%	63%	63%	64%	61%	60%	54%	58%

Traits Observed: GL,CE,BWT,200WT,400WT(x2),SS,FAT,EMA,IMF,DOC

	\$ Index	Values	
Angus	Domestic	Heavy	Heavy
Breeding	Index	Grain	Grass
Index	index	Index	Index
+\$111	+\$120	+\$102	+\$116

		Stı	ructural Ass	sessment	<u> </u>	018		
F S	R	-	R S	1	9	(1)	00	MUSCLE
5	5	5	5	4	5	38.5cm	4	C+

Outcross option with calving ease and balanced EBVs. Near perfect structure.

Purchaser: ______





LOT 25

MURDEDUKE ELEVATOR N62

Society Ident: CSWN62

AMFU NHFU CAFU DDFU

Tattoo: MS N62 (T&F)

Calved: 14/07/2017

COONAMBLE ELEVATOR E11

TE MANIA EMPEROR E343

Sire: NJWH249 MILWILLAH ELEVATOR H249 MILWILLAH MOONGARA D123

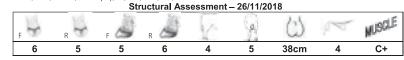
CSWL240 MURDEDUKE JEDDA L240 MURDEDUKE JEDDA G55

February 2019 Angus Australia BREEDPLAN

								.,											
Argus	Calving Ease Direct	Calving Ease Dtrs	Gest Lgth (Days)	Birth Weight (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mature Cow Wt (kg)	Milk (kg)	Scrotal Size (cm)	Days to Calving (Days)	Carcase Weight (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	Retail Beef Yield (%)	IMF (%)	NFI-F (kg/day)	Docility (%)
EBV	-2.2	+0.2	-4.9	+6.0	+55	+101	+135	+132	+13	+1.8	-2.8	+79	+6.1	-1.1	-2.0	+0.3	+2.5	+0.11	+5
ACC	45%	37%	66%	72%	66%	67%	64%	59%	50%	70%	38%	57%	57%	58%	59%	54%	54%	46%	53%

Traits Observed: CE,BWT,200WT,400WT(x2),SS,FAT,EMA,IMF,DOC

		\$ Index	Values	
	Angus	Domestic	Heavy	Heavy
	Breeding	Index	Grain	Grass
l	Index	muex	Index	Index
	+\$125	+\$112	+\$141	+\$119



Suited to cows, will give lift and good carcase attributes CWt and EMA. Super Quiet.

LOT 26 MURDEDUKE KLOONEY N107

HBR

Society Ident: CSWN107

Tattoo: MS N107 (T&F)

Calved: 19/07/2017

BOOROOMOOKA THEO T030 Sire: NMMK42 MILLAH MURRAH KLOONEY K42 **TUWHARETOA REGENT D145**

CSWJ258 MURDEDUKE JEDDA J258

MILLAH MURRAH PRUE H4

MURDEDUKE JEDDA F49

							i ebiua	19 2019	Allyus	Australi	a DIVLL	DELAN							
Argus	Calving Ease Direct	Calving Ease Dtrs	Gest Lgth (Days)	Birth Weight (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mature Cow Wt (kg)	Milk (kg)	Scrotal Size (cm)	Days to Calving (Days)	Carcase Weight (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	Retail Beef Yield (%)	IMF (%)	NFI-F (kg/day)	Doci l ity (%)
EBV	-1.2	-2.6	-3.4	+6.5	+49	+86	+113	+104	+16	+2.0	-5.7	+70	+8.0	-0.6	-1.6	+1.3	+2.6	+0.24	-11
ACC	55%	50%	66%	75%	70%	71%	68%	63%	54%	73%	45%	62%	63%	65%	64%	60%	62%	56%	62%
						Tra	its Obser	ved: BWT.	200W/T 4	100WT(y2)	SSFATE	MA IME DI	വാ						

\$ Index Values Heavy Domestic Grain Grass Index Index Index

+\$144

		St	ructural Ass	sessment	<u> </u>	118		
F	R 🍑	F S	R S	8		(1)	100	MUSCLE
5	5	5	5	5	6	40cm	5	C+

Structure, carcase EBVs and pedigree all suggest reliability and performance

Angus

Breeding

Index

+\$136

Angus

Breeding

Index

+\$127

LOT 27

MURDEDUKE BARTEL N440

HBR

Society Ident: CSWN440 TE MANIA BARTEL B219

+\$114

AMFU NHFU CAFU DDFU

+\$117

Tattoo: MS N440 (T&F)

Calved: 10/09/2017

Sire: HIOE7 AYRVALE BARTEL E7 **FAGI FHAWK JEDDA B32**

TE MANIA ADA A149 Dam: CSWH116 MURDEDUKE H116 MURDEDUKE JEDDA D24

February 2019 Angus Australia BREEDPLAN

AFERE	Calving Ease Direct	Calving Ease Dtrs	Gest Lgth (Days)	Birth Weight (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mature Cow Wt (kg)	Mi l k (kg)	Scrotal Size (cm)	Days to Calving (Days)	Carcase Weight (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	Retail Beef Yield (%)	IMF (%)	NFI-F (kg/day)	Doci l ity (%)
EBV	+1.3	+1.5	-5.0	+3.2	+49	+87	+112	+95	+19	+3.7	-8.4	+70	+6.0	-0.4	+1.3	+0.1	+2.5	+0.48	+3
ACC	59%	56%	70%	74%	70%	71%	69%	67%	63%	73%	54%	65%	65%	67%	66%	64%	64%	60%	62%
		\$ In	dex Val	IIES		Tra	its Obse	ved: BWT,	.200WT,4	00WT(x2),			OC Assess r	nent – 1	26/11/20	118			

\$ Index Values Angus Heavy Heavy Domestic Breeding Grain Grass Index Index Index Index +\$122 +\$150 +\$129

F B	R 😽		R ASS	8	9	(1)	100	MUSCLE
6	6	6	6	6	5	44.5cm	3	C+

Young Bartel son that give you a calving ease option

Purchaser:....

LOT 28 MURDEDUKE BARTEL N206 # **HBR**

Society Ident: CSWN206 AMFU NHFU CAFU DDFU Tattoo: MS N206 (T&F)

Calved: 2/08/2017

Sire: CSWK428 MURDEDUKE KICKING K428 MURDEDUKE E175

TE MANIA QUANTUM 09 490 **CSWL248 MURDEDUKE JEDDA L248**

MURDEDUKE H267

February 2019 Angus Australia BREEDPLAN

Index

+\$130

Amons	Calving Ease Direct	Calving Ease Dtrs	Gest Lgth (Days)	Birth Weight (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mature Cow Wt (kg)	Mi l k (kg)	Scrotal Size (cm)	Days to Calving (Days)	Carcase Weight (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	Retail Beef Yield (%)	IMF (%)	NFI-F (kg/day)	Docility (%)
EBV	+0.6	+1.0	-6.1	+4.0	+52	+103	+134	+121	+17	+2.1	-5.9	+80	+2.9	+0.7	+0.6	-0.6	+2.3	+0.06	+31
ACC	46%	38%	70%	73%	68%	68%	65%	59%	53%	71%	40%	59%	57%	61%	59%	55%	57%	50%	57%
•						Tr	aits Obse	rved: CE,E	3WT,200V	VT,400W7	(x2),SS,F	AT,IMF,DC	C						

\$ Index Values Heavy Domestic Grain Grass

Index

+\$150

+\$120

		St	ructural Ass	sessment	<u> </u>	018		
100	R	-	R S	1		(2)	00	MUSCLE
6	5	5	5	5	5	38cm	3	C+

Super quiet, sound, curve bender with plenty of depth. Scanned well 106sq cm EMA, 4.3% IMF





HBR

MURDEDUKE WESTERN EXPRESS N360 LOT 29

> AMFU NHFU CAFU DDFU Calved: 25/08/2017 Tattoo: MS N360 (T&F)

BANGADANG WESTERN EXPRESS E10

Index

+\$123

Society Ident: CSWN360

Index

+\$111

Angus

Breeding

Index

+\$118

+\$139

+\$122

HIDDEN VALLEY TIMEOUT A45 Sire: DXTJ606 TEXAS WESTERN EXPRESS J606 Dam: CSWE202 MURDEDUKE JEDDA E202

MURDEDUKE JEDDA A155 **TEXAS TOQUE D035**

							Februa	ry 2019	Angus	Australi	a BREE	DPLAN							
ARDIS	Calving Ease Direct	Calving Ease Dtrs	Gest Lgth (Days)	Birth Weight (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mature Cow Wt (kg)	Milk (kg)	Scrotal Size (cm)	Days to Calving (Days)	Carcase Weight (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	Retail Beef Yield (%)	IMF (%)	NFI-F (kg/day)	Docility (%)
EBV	+1.6	+1.1	-5.3	+4.5	+49	+94	+125	+119	+16	+2.5	-3.0	+79	+4.1	-1.0	-0.6	+0.3	+1.6	+0.00	+19
ACC	45%	36%	62%	74%	68%	69%	66%	62%	54%	72%	37%	58%	58%	59%	60%	55%	55%	46%	57%

Traits Observed: CE,BWT,200WT,400WT(x2),SS,FAT,EMA,IMF,DOC \$ Index Values Heavy Heavy Domestic Grain Grass

1	R 😽		R 🎒	6		(1)	100	MUSC
6	5	5	5	5	5	41cm	4	С

Heavy boned, quiet bull with balanced EBVs. Near perfect structural assessment.

Purchaser:...

MURDEDUKE KRAKATOA N286 LOT 30

Society Ident: CSWN286 AMFU NHFU CAFU DDFU Tattoo: MS N286 (T&F) Calved: 9/08/2017

MATAURI REALITY 839 Sire: NJWK92 MILWILLAH KRAKATOA K92

Index

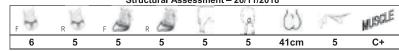
+\$117

S A V THUNDERBIRD 9061 Dam: CSWL142 MURDEDUKE JEDDA L142 MILWILLAH BARUNAH H224 MURDEDUKE JEDDA H261

February 2019 Angus Australia BREEDPLAN 400 Day Wt Mature Cow Wt Calving Calving Birth 600 Day Wt Scrotal Days to Rump Carcase NFI-F Day Wt Weight Ease Ease Lgth Size Calving Weight Fat Fat Beef (ka) (sa cm) (%) Direct Dtrs (Days) (kg) (kg) (kg) (kg) (kg) (cm) (Days (kg) (mm) (mm) Yield (%)

Docility (kg/day) (%) **EBV** +3.1 +2.0 -7.1 +4.4 +53 +93 +122 +117 +11 +2.7 -3.5 +68 +7.2 +1.4 +0.6 -0.3 +2.7 +0.20 +7 68% 65% 60% 50% 58% 63% 73% 67% 71% 38% 57% 59% 59% 54% 55% ACC 47% 40% 54% 46% Traits Observed: CE,BWT,200WT,400WT(x2),SS,FAT,EMA,IMF,DOO \$ Index Values Structural Assessment - 26/11/2018

	ψ IIIασχ	Tuidoo	
Angus	Domestic	Heavy	Heavy
Breeding	Index	Grain	Grass
Index	muex	Index	Index
+\$130	+\$118	+\$142	+\$125



Calving ease option with great carcase EBVs, clean shoulders and length

MURDEDUKE JESTER N232 # **LOT 31 HBR**

Society Ident: CSWN232 AMFU NHFU CAFU DDFU Calved: 4/08/2017 Tattoo: MS N232 (T&F)

TUWHARETOA REGENT D145 Sire: WDCJ268 COONAMBLE JESTER J268 **BANGADANG LOWAN A61**

+\$152

MILLAH MURRAH EQUATOR D78 Dam: CSWK342 MURDEDUKE BARUNAH K342 MURDEDUKE BARUNAH G22

5

5

4

5

38cm

5

C+

							reblua	19 2019	Angus	Austran	a DKEE	DPLAN							
APICES.	Calving Ease Direct	Calving Ease Dtrs	Gest Lgth (Days)	Birth Weight (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mature Cow Wt (kg)	Milk (kg)	Scrotal Size (cm)	Days to Calving (Days)	Carcase Weight (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	Retail Beef Yield (%)	IMF (%)	NFI-F (kg/day)	Doci l ity (%)
EBV	-0.9	-0.7	-4.7	+4.8	+56	+102	+140	+132	+20	+1.4	-4.7	+82	+7.1	-2.0	-2.3	+2.1	+1.5	+0.49	+10
ACC	48%	43%	84%	73%	68%	69%	66%	61%	56%	72%	43%	60%	60%	62%	61%	57%	59%	52%	57%

Traits Observed: GL,CE,BWT,200WT,400WT(x2),SS,FAT,EMA,IMF,DOC Structural Assessment - 26/11/2018 \$ Index Values MUSCLE Anaus Heavy Heavy Domestic Breeding Grass Grain Index Index Index Index

> 5 Meaty Bull who brings growth, feed efficiency and carcase weight

Purchaser: \$.....

MURDEDUKE BARTEL N303 * LOT 32 HBR

Society Ident: CSWN303 AMFU NHFU CAFU DDFU Tattoo: MS N303 (T&F) Calved: 14/08/2017

TE MANIA BARTEL B219 ARDROSSAN FOLIATOR A241 Sire: HIOE7 AYRVALE BARTEL E7 Dam: CSWK273 MURDEDUKE PANDA K273 EAGLEHAWK JEDDA B32 MURDEDUKE PANDA D270

6

February 2019 Angus Australia BREEDPLAN

+\$133

								.,		, , , , , , , , , , , , , , , ,									
Amors	Calving Ease Direct	Calving Ease Dtrs	Gest Lgth (Days)	Birth Weight (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mature Cow Wt (kg)	Mi l k (kg)	Scrotal Size (cm)		Carcase Weight (kg)		Rib Fat (mm)	Rump Fat (mm)	Retail Beef Yield (%)	IMF (%)	NFI-F (kg/day)	Doci l ity (%)
EBV	+2.2	+2.4	-4.1	+3.8	+48	+83	+113	+86	+23	+2.8	-7.7	+70	+4.3	-1.3	-0.5	+0.4	+2.7	+0.15	-2
ACC	59%	56%	71%	75%	71%	71%	69%	67%	65%	74%	54%	66%	65%	68%	66%	64%	65%	61%	61%

Traits Observed: BWT,200WT,400WT(x2),SS,FAT,EMA,IMF,DOC \$ Index Values Structural Assessment - 26/11/2018 Heavy Angus Heavy MUSCLE Domestic Breeding Grain Grass Index Index Index Index +\$137 +\$119 +\$153 +\$127 5 5 5 40.5cm C+

Calving Ease opton with carcase and good skin

Purchaser:....





LOT 33

MURDEDUKE COMPLEMENT N48

Society Ident: CSWN48

AMEU NHEU CAEU, DDEU

Tattoo: MS N48 (T&F)

Calved: 13/07/2017

BASIN FRANCHISE P142 Sire: USA16198796 EF COMPLEMENT 8088

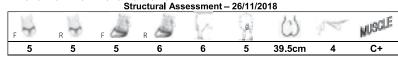
EF EVERELDA ENTENSE 6117

MILLAH MURRAH EQUATOR D78 Dam: CSWL74 MURDEDUKE JEDDA L74 MURDEDUKE JEDDA F49

February 2019 Angus Australia BREEDPLAN

							. co.uu	., 20.0	Aligus	Austran	4 DIVEE	D: L/\.\							
APper	Calving Ease Direct	Calving Ease Dtrs	Gest Lgth (Days)	Birth Weight (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mature Cow Wt (kg)	Mi l k (kg)	Scrotal Size (cm)	Days to Calving (Days)	Carcase Weight (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	Retail Beef Yield (%)	IMF (%)	NF I- F (kg/day)	Docility (%)
EBV	+1.2	+3.0	-5.2	+4.9	+60	+109	+150	+137	+22	+2.4	-6.1	+85	+3.9	+0.2	+1.3	+0.1	+1.5	+0.13	+5
ACC	57%	53%	84%	74%	70%	69%	72%	67%	62%	72%	44%	63%	63%	65%	63%	60%	62%	56%	60%

		\$ Index	Values	
	Angus	Domestic	Heavy	Heavy
	Breeding	Index	Grain	Grass
	Index	muex	Index	Index
1	+\$148	+\$126	+\$156	+\$143



ELLINGSON IDENTITY 9104

Top 1 % for five traits with plenty of thickness and moderate calving ease.

Purchaser:.

LOT 34

MURDEDUKE ELEVATOR N114

HBR

Society Ident: CSWN114

Tattoo: MS N114 (T&F)

COONAMBLE ELEVATOR E11 Sire: NJWH249 MILWILLAH ELEVATOR H249

CSWL103 MURDEDUKE PANDA L103 MURDEDUKE PANDA J164

Calved: 19/07/2017

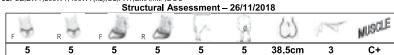
MILWILLAH MOONGARA D123

February 2019 Angus Australia BREEDPLAN

Argas	Calving Ease Direct	Calving Ease Dtrs	Gest Lgth (Days)	Birth Weight (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mature Cow Wt (kg)	Milk (kg)	Scrotal Size (cm)	Days to Calving (Days)	Carcase Weight (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	Retail Beef Yield (%)	IMF (%)	NFI-F (kg/day)	Docility (%)
EBV	-1.4	+0.4	-2.9	+5.5	+53	+97	+134	+120	+17	+2.4	2.5	+75	+6.0	-0.5	-0.7	+0.5	+1.6	+0.13	-3
ACC	43%	35%	66%	71%	66%	67%	64%	59%	49%	70%	34%	56%	57%	57%	58%	53%	52%	43%	51%

Traits Observed: CE.BWT.200WT.400WT(x2).SS.FAT.EMA.IMF.DOC \$ Indox Values

	ψ IIIGEX	Values	
Angus	Domestic	Heavy	Heavy
Breeding	Index	Grain	Grass
Index	muex	Index	Index
+\$120	+\$109	+\$125	+\$119



Ideally suited to cow joinings, sound, feed efficient with plenty of growth

LOT 35

MURDEDUKE UPWARD N168

HBR

Society Ident: CSWN168

AMFU NHFU CAFU DDFU

Tattoo: MS N168 (T&F)

Calved: 31/07/2017

CONNEALY ONWARD Sire: USA14963730 SITZ UPWARD 307R SITZ HENRIETTA PRIDE 81M

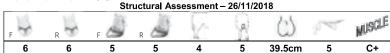
CARABAR DOCKLANDS D62 Dam: CSWK286 MURDEDUKE JEDDA K286

MURDEDUKE JEDDA G250

February 2019 Angus Australia BREEDPLAN

Anges	Calving Ease Direct	Calving Ease Dtrs	Gest Lgth (Days)	Birth Weight (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mature Cow Wt (kg)	Mi l k (kg)	Scrotal Size (cm)	Days to Calving (Days)	Carcase Weight (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	Retail Beef Yield (%)	IMF (%)	NFI-F (kg/day)	Docility (%)
EBV	+2.9	+2.4	9.1	+3.3	+57	+105	+130	+98	+26	+2.5	-5.1	+81	+9.2	-1.5	-1.6	+2.5	+0.8	+0.30	-13
ACC	56%	51%	85%	74%	69%	70%	68%	65%	62%	73%	48%	63%	63%	65%	64%	61%	62%	56%	58%
						Traits	Observed	l: GL,CE,B	WT,200N	/T,400WT	x2),SS,FA	T,EMA,IM	F,DOC						

	\$ Index	Values	
Angus	Domestic	Heavy	Heavy
Breeding	Index	Grain	Grass
Index	muex	Index	Index
+\$141	+\$137	+\$142	+\$140



Ideally suited to the domestic trade, easy calving, short gestation, great early growth

Purchaser:....

LOT 36

MURDEDUKE EMPEROR N96

HBR

Society Ident: CSWN96

AMFU NHFU CAFU DDFU

Tattoo: MS N96 (T&F)

Calved: 18/07/2017

TE MANIA BERKLEY B1 Sire: VTME343 TE MANIA EMPEROR E343 MILWILLAH GATSBY G279 **CSWL220 MURDEDUKE L220** MURDEDUKE ROSEBUD D88

TE MANIA LOWAN Z74

February 2019 Angus Australia BREEDPLAN

							I CDI GG		Aligus	Austruit	u Divel	טו באוי							
Ampas	Calving Ease Direct	Calving Ease Dtrs	Gest Lgth (Days)	Birth Weight (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mature Cow Wt (kg)	Mi l k (kg)	Scrotal Size (cm)	Days to Calving (Days)	Carcase Weight (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	Retail Beef Yield (%)	IMF (%)	NFI-F (kg/day)	Doci l ity (%)
EBV	-1.3	-0.4	-2.9	+5.3	+51	+90	+120	+114	+13	+2.0	-4.5	+68	+7.8	+0.3	-1.0	+0.4	+2.9	+0.14	-11
ACC	58%	54%	84%	74%	70%	71%	69%	67%	64%	74%	53%	66%	65%	67%	66%	64%	64%	60%	59%

Traits Observed: GL.CE.BWT.200WT.400WT(x2).SS.FAT.FMA.IME.DOO

	\$ Index	Values		,,	,,	Str	uctural Ass		– 26/11/2 0	018		
Angus Breeding Index	Domestic Index	Heavy Grain Index	Heavy Grass Index	F	R S	F 🎒	R 🎒	8		ω	PT	MUSCLE
+\$128	+\$113	+\$146	+\$119	6	5	6	5	4	5	37.5cm	5	C+

Emperor son with great EMA and IMF to go with balanced growth figures



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SOUTH AUSTRALIA	Richard Miller	0428 849 327
NEW SOUTH WALES	Joel Fleming	0467 725 195
NEW SOUTH WALES	John Settree	0408 297 368
NEW SOUTH WALES	Tim Woodham	0436 015 115



Sale Team EBV Summary

Lot Visual Id	Sire	GL	Birth	Milk 2	200 G 4	400 G	5 009	SS	C. Wt	Rib R	Rmp E	EMA RE	RBY% IN	IMF Doc	oc Breeding	ig Domestic	_	Grain Fed	Grass Fed
CSWN120	CARABAR DOCKLANDS D62	7.7-	5.8	16	50	93	128	2.2	77	6.0	9.0-	7.9	1 1	1.6 -5		122	22	156	136
2 CSWN110	ARYVALE BARTEL E7	-5.3	4.6	16	50	96	122	1.8	75	-0.6	-0.7	7.5	0.3 2	2.8 -2	149	130	30	170	137
3 CSWN079	CARABAR DOCKLANDS D62	-5.9	5.9	18	52	96	130	2.8	77	0	-0.1	7.9	0.8	1.3 2	128	114	14	134	125
4 CSWN092	SITZ UPWARD 307R	-3.7	4.8	22	52	97	124	2	75	1-	-1.5	5.9	1.8 0	0.7 -20	0 118	118	81	115	120
5 CSWN324	SITZ UPWARD 307R	-5	4.9	17	55	104	128	2.4	78	9.0-	-1.5	6.8	1.7	1.1 -6	5 130	127	7.	134	128
6 CSWN017	MURDEDUKE H211	-6.9	4.1	16	49	95	129	1.9	70	-0.1	-0.7	5.5	0.9	0.8	1 125	114	14	127	124
7 CSWN265	EF COMPLEMENT 8088	-4.3	5.3	21	54	66	135	1.7	78	-0.8	-0.7	6.2	0.6	2.1 12	2 132	116	91	143	127
8 CSWN013	CARABAR DOCKLANDS D62	-7.6	4.4	17	47	91	119	1.6	99	0.7	-0.3	5.9	-0.2	2.3 -15	5 131	117	17	143	125
9 CSWN066	EF COMPLEMENT 8088	-4.6	2	24	53	102	129	2.7	77	2.6	2 (9.9	-0.6	1.9 8	139	126	97	142	137
10 CSWN164	MURDEDUKE H211	-8.2	5.3	14	26	100	140	2.7	82	-0.7	-1.9	4.7	1.1	1.1	4 121	111	11	127	120
11 CSWN128	MILWILLAH GATSBY G279	-2.5	4.8	17	47	83	108	3.1	89	0.7	1.4	4.2	-0.7	2.9	108	86	8	119	101
12 CSWN051	MILLAH MURRAH KLOONEY K42	-4.5	6.4	15	55	107	133	2.9	77	-0.8	-0.6	5.5	0.2	2.3 18	8 141	128	83	157	132
13 CSWN333	MURDEDUKE KICKING K428	-4.3	3.6	23	49	104	135	1		0.5	-0.7	4.3	-0.4	2.5 22	2 121	110	01	135	117
14 CSWN389	MURDEDUKE KICKING K428	-5.7	3.8	17	51	100	131	3	77	1.4	-0.1	2 -	-0.8	2.8 19	9 136	119	61	155	127
15 CSWN116	ARDROSSAN EQUATOR	-2.7	5.4	18	51	88	123	2.7	83	-1.8	-2.3	9.4	2.3 2	2.5 -1	137	117	17	158	125
16 CSWN105	MILWILLAH GATSBY G279	-2.3	5.4	16	50	85	111	2.3	70	0.4	0.7	5 -	-0.2	2.5 -6	5 105	86	8	113	101
17 CSWN154	EF COMPLEMENT 8088	-8.1	9	18	55	101	135	2.3	84	-1.4	-1.5	7.8	1.8	1.6 10	0 142	127	7.	155	136
18 CSWN173	MURDEDUKE H211	-7.7	4.7	19	50	100	135	3.2	77	-0.3	-2.4	5.7	1.6	1.2 12	2 130	120	50	140	127
19 CSWN148	MURDEDUKE H211	-8.5	4.7	18	51	97	135	2.7	78	-1.1	-2.9	4.1	1.2 1.	.5	130	116	91	143	125
20 CSWN078	MILWILLAH ELEVATOR H249	-3.5	4.8	15	48	93	126	1.1	74	-1.4	-2.7	6.7	1.4	1.9 3	120	110	01	134	115
21 CSWN052	MILWILLAH ELEVATOR H249	-3.4	5.8	12	57	104	147	2.1	82	-0.9	-1.3	9	0.8	1.8 7	130	113	13	142	127
22 CSWN205	TEMAINIA E343 (EMPEROR)	-5.4	4	12	46	94	121	3.7	29	0.9	6.0	3	-0.6	2.4 7	132	117	17	147	123
23 CSWN339	MURDEDUKE KICKING K428	-4.8	3.7	21	49	92	126	3.6	77	0.3	-0.7	3.8	0.8	1.6 16	5 131	115	15	141	125
24 CSWN230	SITZ UPWARD 307R	-3.8	3.4	21	52	95	112	1.7	70	-0.7	-0.9	6.1	1.8 0	0.4 -16	6 111	120	50	102	116
25 CSWN062	MILWILLAH ELEVATOR H249	-4.9	9	13	55	101	135	1.8	79	-1.1	-2 (6.1	0.3 2	2.5 5	125	112	12	141	119
26 CSWN107	MILLAH MURRAH KLOONEY K42	-3.2	3.2	11	25	45	99	2.6	29	0.7	1.8	4.3	0.2 0	0.3	55	9/	9	32	29
27 CSWN440	ARYVALE BARTEL E7	-5	3.2	19	49	87	112	3.7	70	-0.4	1.3	9	0.1 2	2.5 3	138	122	22	150	129
28 CSWN206	MURDEDUKE KICKING K428	-6.1	4	17	52	103	134	2.1	80	0.7 0	9.0	2.9	-0.6	2.3 31	1 136	120	50	150	130
29 CSWN360	TEXAS WESTERN EXPRESS J606	-5.3	4.5	16	49	94	125	2.5	79	-1	-0.6	4.1	0.3	1.6 19	9 118	111	11	123	117
30 CSWN286	MILWILLAH KRAKATOA K92	-7.1	4.4	11	53	93	122	2.7	89	1.4	9.0	7.2	-0.3	7.7	130	118	81	142	125
31 CSWN232	COONAMBLE JESTER J268	-4.7	4.8	20	26	102	140	1.4	82	-2	-2.3	7.1	2.1 1	1.5 10	0 139	122	22	152	133
32 CSWN303	ARYVALE BARTEL E7	-4.1	3.8	23	48	83	113	2.8	70	-1.3	-0.5	4.3	0.4	2.7 -2	137	119	61	153	127
33 CSWN048	EF COMPLEMENT 8088	-5.2	4.9	22	09	109	150	2.4	85	0.2	1.3	3.9	0.1	1.5 5	148	126	56	156	143
34 CSWN114	MILWILLAH ELEVATOR H249	-2.9	5.5	17	53	97	134	2.4	75	-0.5	-0.7	9	0.5	1.6 -3	3 120	109	60	125	119
35 CSWN168	SITZ UPWARD 307R	-9.1	3.3	26	57	105	130	2.5	81	-1.5	-1.6	9.5	2.5 0	0.8 -13	3 141	137	37	142	140
36 CSWN096	TEMAINIA E343 (EMPEROR)	-2.9	5.3	13	51	06	120	2	89	0.3	-1	7.8	0.4	2.9	1 128	113	[3	146	119
37 CSWN113	EF COMPLEMENT 8088	-2	3.9	22	52	94	127	1.5	70	-0.2	0.3	5.9	0.5 0	0.9	119	111	11	117	121
38 CSWN183	EF COMPLEMENT 8088	-6.2	3.3	18	48	87	115	1.2	64	0.3	6.0	9.9	0.4	1.1	3 122	114	14	119	123
39 CSWN268	COONAMBLE H176	-3.5	4.7	19	52	96	123	1.9	70	0.9	9.0	6.5	0 2	2.3 4	. 116	111	11	121	115

Lot	Visual Id	Sire	GL	Birth	Milk	200 G	400 G	9 009	SS	C. Wt	Rib	Rmp E	EMA RB	RBY% IMF	= Doc	Breeding	Domestic	Grain Fed	Grass Fed
40	CSWN491	MURDEDUKE BROKEN BOW L161	-3.6	6.2	18	58	104	139	2.1	80	8.0	0.8	4 -0.	0.5 2	0	119	106	126	117
41	CSWN192	MILLAH MURRAH LOCH UP L133	-7.3	3.2	18	49	85	109	2	63	9.0	1.1	4.2 -(-0.7 2.1	1	122	112	126	118
42	CSWN012	CARABAR DOCKLANDS D62	-6.5	4.9	17	46	88	120	3.1	64	0	0.2	4.1 0	0.9	-13	127	116	133	125
43	CSWN097	MATAURI REALITY	-3.7	2.8	16	46	85	107	2.8	61	3	2.6	4 -1	-1.6 2.6	7	121	111	127	116
44	CSWN236	MILWILLAH KRAKATOA K92	-6.8	4.3	15	53	87	117	2.3	99	-0.1	9.0-	7 0	0.1 2.8	7	120	111	132	115
45	CSWN151	MILWILLAH KRAKATOA K92	-9.8	2.8	18	45	82	112	3.2	62	0.5	-0.4	10.3	0.9 2.5	9-	127	115	138	122
46	CSWN407	MURDEDUKE JAMBOREE 126	-3.9	5.5	12	48	85	109	5.6	67	-1	-1.4	4.7	1.1 2.5	-1	117	111	132	109
47	CSWN344	TEXAS WESTERN EXPRESS J606	-4.9	6.5	12	51	89	117	2.2	76	-1.4	-0.8	4.4	0.8	17	66	66	66	100
48	CSWN004	MILWILLAH KRAKATOA K92	-10	2.2	14	44	83	104	2	63	1.9	1.3)	-0.6 2.8	7	122	114	132	117
49	CSWN261	MILWILLAH ELEVATOR H249	-5.2	5.3	16	45	83	119	2.5	64	-0.9	-1.3	6.3	1.6	0	105	86	107	105
20	CSWN294	SITZ UPWARD 307R	-4.9	4.2	17	49	93	114	1.9	69	-0.3	-1.4	7.7	1.6	-5	119	120	121	119
51	CSWN260	COONAMBLE H176	ŗ-	5	16	48	80	110	2.1	55	-0.3	0.2	4.4	0.2 1.6	11	92	93	87	96
52	CSWN093	MATAURI REALITY	-3.7	3.5	14	48	98	111	3	59	2.1	1.3	4 -1	-1.2 2.8	9	122	112	132	117
53	CSWN181	MILLAH MURRAH LOCH UP L133	-6.4	3.8	18	51	89	115	2.4	65	-0.7	-0.6	4.3 0	0.3 1.9	21	118	112	122	115
54	CSWN257	MILWILLAH KRAKATOA K92	-7.4	3.4	16	46	87	119	3	89	1.2	-0.1	8.2 0	0.4 2.4	14	133	117	148	126
55	CSWN390	MURDEDUKE JAMBOREE 126	-3.9	9.9	15	54	100	137	3.7	83	-1.3	-0.7	3.1	1 2.9	13	143	119	171	128
26	CSWN211	MURDEDUKE KICKING K428	-4.8	4	20	45	06	123	3.6	72	2.1	1.2	1.9	-0.8 2.6	14	131	110	147	122
22	CSWN313	MATAURI REALITY	-7.3	2.8	8	45	81	107	2.8	99	2.7	2.1	2 -1	-1.6 2.2	19	116	106	121	112
58	CSWN394	ARYVALE BARTEL E7	-2.1	6.1	15	50	87	115	2.5	74	-1.5	-1.5	7.4 1	1.2 2	3	130	117	142	122
29	CSWN084	MURDEDUKE H211	-5.8	4.7	16	49	95	126	2.2	73	0.5	-1.2	3.5	0 2.4	-5	131	116	148	122
09	CSWN459	EF COMPLEMENT 8088	-6.5	5.7	15	54	86	132	1.4	75	-0.5	0.4	3.8	-0.1 1.5	10	124	112	129	122
61	CSWN426	MILLAH MURRAH KLOONEY K42	-5.7	4.7	14	44	82	101	1	59	-0.4	-1	3 0	0.4 1.5	10	66	104	101	66
62	CSWN496	MURDEDUKE KICKING K428	-5.3	9	16	52	66	137	3	82	0.7	-1.2	5.7 0	0.5 2.5	31	142	118	165	131
63	CSWN345	MURDEDUKE JAMBOREE 126	9-	5.1	13	49	93	121	2	70	0.1	0.3	1.5	-0.4 2.8	16	125	113	143	117
64	CSWN237	MILLAH MURRAH LOCH UP L133	-3.9	4.2	16	47	85	108	1.7	65	9.0-	-1.2	3.3 0	0.4 2.3	ę.	121	114	133	114
65	CSWN308	MILWILLAH KRAKATOA K92	-6.7	2.4	14	42	77	66	1.9	57	1.8	9.0	7.9	-0.8 3.5	9	119	110	135	112
99	CSWN167	CARABAR DOCKLANDS D62	-7.4	4.3	18	44	79	113	3.4	67	9.0	0.4	7.1 0	0.9	- -	129	112	138	124
29	CSWN476	ARYVALE BARTEL E7	-5	3	19	46	84	106	2.8	29	6.0-	0.7	6.1 0	0.1 2.6	Э	132	119	144	123
89	CSWN347	MILWILLAH KRAKATOA K92	-5.8	4.8	13	45	81	106	2.8	62	0.7	9.0	7.8	-0.4 2.9	20	113	105	124	108
69	CSWN451	EF COMPLEMENT 8088	-6.9	4.2	17	50	95	125	1.4	72	-0.1	0.6	4.8 0	0.3	10	125	116	127	125
70	CSWN210	MILWILLAH KRAKATOA K92	-7.9	2.3	11	38	71	06	1.2	55	2.4	0.8	7.6	-0.5 2.6	6	108	104	115	104
71	CSWN485	MILWILLAH KRAKATOA K92	9-	4.5	12	45	80	103	2.5	61	8.0	9.0-	9.6	0.6 3.2	10	126	117	145	118
72	CSWN223	SITZ UPWARD 307R	-4.7	3.3	22	52	91	113	1.6	72	-0.2	-1	6.6	1.5 1.4	6-	120	119	121	120
73	CSWN421	TEXAS WESTERN EXPRESS J606	-5.2	5.2	14	49	83	112	0.8	69	-0.3	-1.6	8.5	1.3 0.8	1	104	104	66	107
74	CSWN279	COONAMBLE H176	-1.9	5.6	14	48	79	109	1.5	55	9.0-	-0.4	5.3	1	က	85	87	78	89
75	CSWN431	TEXAS WESTERN EXPRESS J606	-6.3	3.5	15	43	62	103	-	99	7	-1.2	3.7	1 0.7	18	104	105	100	105
92	CSWN290	EF COMPLEMENT 8088	-6.8	2.9	17	46	98	111	1.1	7.1	1.5	0.5	8.1 0	0.2 2.2	∞	134	121	143	128
77	CSWN235	MILWILLAH KRAKATOA K92	-7	4.3	10	45	80	101	1.8	58	9.0	0.2	9.9	-0.5 3.3	~	114	108	130	107
78	CSWN493	MURDEDUKE KICKING K428	-2.9	4.8	18	46	88	117	3.4	89	0.5	-0.3	5.8	1.5 1.1	~	118	109	122	115
62	CSWN3	MATAURI REALITY	-12.2	3	10	47	88	115	3.3	63	3.4	2	4.3	-1.2 2.8	7	138	120	153	129
80	CSWN182	EF COMPLEMENT 8088	-6.1	4.2	18	54	66	129	1.7	72	0.1	0.7	5.6	0.5	က	131	122	131	131





For all your livestock enquiries contact one of the following Geelong Regional Livestock Consultants:

- DOUGAL MCINTYRE **0439 575 612**
- PETER MCCONACHY 0408 522 878
- JAMIE MCCONACHY **0418 522 879**
- GERARD BOHAN **0400 005 541**
- JOHN THORNTON 0408 526 367
- ROSS SPITTY **0419 539 717**
- LACHLAN BARCLAY 0438 346 291
- MATT NELSON 0428 315 400

contact us today

56-60 Bromfield Street, Colac

Tel: (03) 5231 5400

www.charlesstewart.com.au



LOT 37

MURDEDUKE COMPLEMENT L340 N113

HBR

Society Ident: CSWN113

AMFU NHFU CAFU DDFU

Tattoo: MS N113 (T&F)

Calved: 19/07/2017

BASIN FRANCHISE P142 Sire: USA16198796 EF COMPLEMENT 8088 EF EVERELDA ENTENSE 6117

MILLAH MURRAH EQUATOR D78 Dam: CSWL340 MURDEDUKE EQUATOR L340 MURDEDUKE JEDDA G111

							rebiua	TY 2019.	Angus .	Austran	a dree	DPLAN							
Anges	Calving Ease Direct	Calving Ease Dtrs	Gest Lgth (Days)	Birth Weight (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mature Cow Wt (kg)	Milk (kg)	Scrotal Size (cm)	Days to Calving (Days)	Carcase Weight (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	Retail Beef Yield (%)	IMF (%)	NF I- F (kg/day)	Docility (%)
EBV	+0.8	+2.8	-2.0	+3.9	+52	+94	+127	+118	+22	+1.5	-4.4	+70	+5.9	-0.2	+0.3	+0.5	+0.9	+0.22	+2
ACC	56%	52%	84%	74%	69%	70%	68%	65%	61%	73%	43%	63%	63%	64%	63%	59%	61%	56%	60%
						Traits	Observed	I: GL,CE,B	WT,200N	/T,400WT(x2),SS,FA	T,EMA,IM	F,DOC						

Heavy

Grass

Index

+\$121

52,52,511	,200111,1001	Stru		- 26/11/2018	
12	14	1	6		

Offers Complements calving ease and thickness with Equators D78s growth and stretch.

Purchaser:.

Angus

Breeding

Index

+\$119

5

37.5cm

LOT 38

MURDEDUKE COMPLEMENT N183 sv

6

HBR

Society Ident: CSWN183

AMFU NHFU CAFU DDFU

Tattoo: MS N183 (T&F)

MUSCLE

C+

BASIN FRANCHISE P142

\$ Index Values

Domestic

Index

+\$111

Heavy

Grain

Index

+\$117

HF TIGER 5T

Calved: 1/08/2017

4

Sire: USA16198796 EF COMPLEMENT 8088 EF EVERELDA ENTENSE 6117

Dam: CSWH257 MURDEDUKE H257 MURDEDUKE MITTAGONG D9

February 2019 Angus Australia BREEDPLAN

Ampir	Calving Ease Direct	Calving Ease Dtrs	Gest Lgth (Days)	Birth Weight (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mature Cow Wt (kg)	Mi l k (kg)	Scrotal Size (cm)	Days to Calving (Days)	Carcase Weight (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	Retail Beef Yield (%)	IMF (%)	NF I- F (kg/day)	Docility (%)
EBV	+2.4	+2.5	-6.2	+3.3	+48	+87	+115	+94	+18	+1.2	-5.3	+64	+6.6	+0.3	+0.9	+0.4	+1.1	+0.30	+13
ACC	56%	51%	66%	72%	68%	68%	67%	64%	61%	70%	41%	61%	60%	62%	61%	58%	59%	52%	59%
						Tra	aits Obse	ved: BWT,	200WT,4	00WT(x2)		MA,IMF,D							

\$ Index Values Heavy Domestic Grain Grass Index Index Index

+\$119

		Sti	ructural Ass	<u>sessment</u>	- 26/11/2	018		
F B	R	-	R S	1	8	(2)	100	MUSCLE
6	5	5	5	5	5	35.5cm	5	C+

Outcross pedigree on the Dam side that offers great calving ease and doing ability.

Purchaser:....

Angus

Breeding

Index

+\$122

LOT 39 MURDEDUKE HERO N268 #

Heavy

Grass

Index

+\$115

Index

+\$117

+\$123

APR

Calved: 7/08/2017

COONAMBLE ELEVATOR E11

+\$114

Society Ident: CSWN268

AMFU NHFU CAFU DDFU

Tattoo: MS N268 (T&F) MILWILLAH GATSBY G279

Sire: WDCH176 COONAMBLE H176

COONAMBLE D94

Heavy

Index

+\$121

Dam: CSWK272 MURDEDUKE DESIGN K272

MURDEDUKE NEW DESIGN A1

5

							rebiua	19 2019	Allyus	Austraji	a DKLL	DELAN							
Arross	Calving Ease Direct	Calving Ease Dtrs	Gest Lgth (Days)	Birth Weight (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mature Cow Wt (kg)	Mi l k (kg)	Scrotal Size (cm)	Days to Calving (Days)	Carcase Weight (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	Retail Beef Yield (%)	IMF (%)	NFI-F (kg/day)	Docility (%)
EBV	-1.1	-1.7	-3.5	+4.7	+52	+96	+123	+105	+19	+1.9	-2.1	+70	+6.5	+0.9	+0.6	+0.0	+2.3	+0.12	+4
ACC	46%	37%	85%	73%	68%	69%	65%	60%	53%	73%	38%	58%	57%	60%	60%	54%	56%	48%	55%

\$ Index Values

Domestic

Index

+\$111

Traits Observed: GL,CE,BWT,200WT,400W

WT(x2),SS,	FAT,IMF,DOO					
Str	uctural As	sessment	— 26/11/20	18		
	R A	6	Q	(2)	100	MUSCLE

5

5 A good combination, good EBVs, perfect structure all 5s, scanned 105sq cm EMA and 5.1% IMF

MURDEDUKE LARIKEN N491 sv

5

Angus

Breeding

Index

+\$116

Angus

Breeding

Index

+\$119

Purchaser:

5

HBR

39cm

LOT 40 Society Ident: CSWN491

AMFU NHFU CAFU DDFU

Tattoo: MS N491 (T&F)

5

Calved: 19/09/2017

4

C+

KM BROKEN BOW 002

MILWILLAH GATSBY G279

Dam: CSWL42 MURDEDUKE JEDDA L42

MURDEDUKE JEDDA J76

Sire: CSWL161 MURDEDUKE BROKEN BOW L161

MURDEDUKE JEDDA J38

							rebrua	ry 2019	Angus .	Austran	a DKEE	DPLAN							
Anges	Calving Ease Direct	Calving Ease Dtrs	Gest Lgth (Days)	Birth Weight (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mature Cow Wt (kg)	Mi l k (kg)	Scrotal Size (cm)	Days to Calving (Days)	Carcase Weight (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	Retail Beef Yield (%)	IMF (%)	NFI-F (kg/day)	Docility (%)
EBV	-4.2	-1.2	-3.6	+6.2	+58	+104	+139	+126	+18	+2.1	-4.1	+80	+4.0	+0.8	+0.8	-0.5	+2.0	+0.07	+0
ACC	ACC 42% 35% 67% 70% 64% 65% 63% 57% 51% 68% 33% 55% 55% 57% 57% 51% 53% 45% 50%																		
-						Tra	its Obse	ved: BWT	.200WT.4	00WT(x2)	SS.FAT.E	MA.IMF.D	ос						

\$ Index Values Heavy Heavy Domestic Grain Grass Index

+\$106

Index

+\$126

4	R 😽	F 🗳	R 🗳	V	1	(2)	100	MUSCL
6	5	5	5	5	5	35.5cm	5	C+

Youngest bull in the draft with real strength and depth. Growth EBVs top 2%

Purchaser:





Calved: 1/08/2017

Calved: 18/07/2017

Calved: 5/08/2017

LOT 41 MURDEDUKE LOCH UP N192

Society Ident: CSWN192 AMEU NHEU CAEU DDEU

THOMAS UP RIVER 1614

CARABAR DOCKLANDS D62

Tattoo: MS N192 (T&F)

Sire: NMML133 MILLAH MURRAH LOCH UP L133 MILLAH MURRAH BRENDA H49

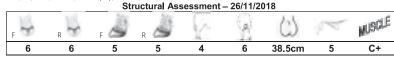
Dam: CSWJ176 MURDEDUKE BARUNAH J176 MURDEDUKE BARUNAH F43

February 2019 Angus Australia BREEDPLAN

Arross	Calving Ease Direct	Calving Ease Dtrs	Gest Lgth (Days)	Birth Weight (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mature Cow Wt (kg)	Mi l k (kg)	Scrotal Size (cm)	Days to Calving (Days)	Carcase Weight (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	Retail Beef Yield (%)	IMF (%)	NFI-F (kg/day)	Doci l ity (%)
EBV	+1.6	+1.8	-7.3	+3.2	+49	+85	+109	+84	+18	+2.0	-7.2	+63	+4.2	+0.6	+1.1	-0.7	+2.1	+0.35	+1
ACC	48%	37%	85%	74%	69%	70%	66%	60%	51%	73%	37%	58%	60%	60%	61%	56%	56%	46%	59%

Traits Observed: GL,CE,BWT,200WT,400WT(x2),SS,FAT,EMA,IMF,DOC

	\$ Index	values	
Angus	Domestic	Heavy	Heavy
Breeding	Index	Grain	Grass
Index	muex	Index	Index
+\$122	+\$112	+\$126	+\$118



Our first Loch Up son, provides good calving ease, moderate EBVs and good shape.

Purchaser:

MURDEDUKE DOCKLANDS N12 LOT 42

Society Ident: CSWN12 Calved: 10/07/2017

KAROO W109 DIRECTION Z181 Sire: QHED62 CARABAR DOCKLANDS D62 CARABAR BLACKCAP MARY B12

Index

+\$133

+\$116

Society Ident: CSWN236

Index +\$127

STERITA PARK E95 **CSWL102 MURDEDUKE JEDDA L102**

MURDEDUKE J168

							Februa	ry 2019	Angus	Austrail	BREE	DPLAN							
Argus	Calving Ease Direct	Calving Ease Dtrs	Gest Lgth (Days)	Birth Weight (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mature Cow Wt (kg)	Mi l k (kg)	Scrotal Size (cm)	Days to Calving (Days)	Carcase Weight (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	Retail Beef Yield (%)	IMF (%)	NFI-F (kg/day)	Doci l ity (%)
EBV	+2.0	+0.8	-6.5	+4.9	+46	+88	+120	+99	+17	+3.1	-5.1	+64	+4.1	+0.0	+0.2	+0.9	+1.4	+0.35	-13
ACC	53%	48%	85%	73%	68%	68%	67%	63%	58%	71%	46%	60%	61%	61%	62%	59%	58%	51%	57%

Traits Observed: GL,CE,BWT,200WT,400WT(x2),SS,FAT,EMA,IMF,DOC \$ Index Values Domestic Breeding Grain Grass Index

Index

+\$125

		31	ructurai AS	sessmem	- 20/11/2	U 10		
F B	R 😽		R S	8		(2)	100	MUSCLE
6	6	5	6	5	5	38.5cm	3	C+

Docklands son with calving ease, fertility and clean shoulders

LOT 43 MURDEDUKE REALITY N97 # **HBR**

Society Ident: CSWN97 AMFU NHFU CAFU DD50% Tattoo: MS N97 (T&F) SCHURRTOP REALITY X723 MILWILLAH GATSBY G279

Sire: NZE14647008839 MATAURI REALITY 839 **CSWL132 MURDEDUKE JEDDA L132** MATAURI 06663 MURDEDUKE JEDDA J356

February 2019 Angus Australia BREEDPLAN Calving Gest Birth 200 400 Days to Ca**l**ving Retail Day Wt Day Wt Day Wt (kg/day) (kg) Yield (% (kg) Direct (Days (kg) (kg) (kg) (Days) (kg) (mm) EBV +16 +2.6 +0.15 +7 +3.4+2.7 -3.7+2.8 +46 +85 +107 +96 +2.8 -6.4+61 +4.0 +3.0 +2.6 -1.6 59%

68% 70% 65% 62% 63% GL,CE,BWT,200WT,400WT(x2),SS,FAT,EMA,IMF,DOC 26/11/2018 \$ Index Values Structural Assessment Angus Heavy Heavy MUSCLE Domestic Breeding Grass Index Index Index Index

+\$111 +\$127 +\$116 6 5 6 5 5 6 37.5cm 5 C+ +\$121 Calving ease option with great doing ability. Fats top 1%

Purchaser:....

LOT 44 MURDEDUKE KRAKATOA N236 # APR

Tattoo: MS N236 (T&F)

MATAURI REALITY 839 KM BROKEN BOW 002 Sire: NJWK92 MILWILLAH KRAKATOA K92 **CSWL91 MURDEDUKE BARUNAH L91**

AMFU NHFU CAFU DDFU

MILWILLAH BARUNAH H224 MURDEDUKE BARUNAH J159

February 2019 Angus Australia BREEDPLAN Calving Calving Reta Days to Calving Carcase Weight NFI-F Docility Ease Lath Weight Day Wt Day Wt Day Wt Cow Wt Size Fat Beef (kg) (sa cm) (kg/day) EB\ +87 +15 +2.8 +0.02 +117 +124 -0.1 -0.6 +0.1 59% 71% 37% 54% 46% 38% 69% 73% 68% 68% 65% 52% 57% 58% 59% 59% 54% 55% 47%

Traits Observed: CE.BWT.200WT.400WT(x2).SS.FAT.EMA.IMF.DOC \$ Index Values Structural Assessment -Angus Heavy MUSCLE Domestic Breeding Grain Grass Index Index Index Index +\$111 5 39.4cm C+ +\$120 6 +\$115

Krakatoa is providing calving ease, structure, EMA and IMF. This son is no exception





LOT 45 MURDEDUKE KRAKATOA N151

HBR Calved: 30/07/2017

Society Ident: CSWN151 MATAURI REALITY 839

AMFU NHFU CAFU DDFU

Tattoo: MS N151 (T&F) MILLAH MURRAH DOC J162

Sire: NJWK92 MILWILLAH KRAKATOA K92

MILWILLAH BARUNAH H224

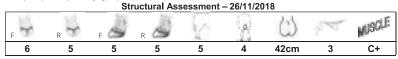
Dam: CSWL13 MURDEDUKE JEDDA L13 MURDEDUKE JEDDA J4

February 2019 Angus Australia RREEDPLAN

							гергиа	19 2019	Angus	Austran	a DREE	DPLAN							
Anges	Calving Ease Direct	Calving Ease Dtrs	Gest Lgth (Days)	Birth Weight (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mature Cow Wt (kg)	Milk (kg)	Scrotal Size (cm)	Days to Calving (Days)	Carcase Weight (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	Retail Beef Yield (%)	IMF (%)	NFI-F (kg/day)	Docility (%)
EBV	+4.2	+3.4	-9.8	+2.8	+45	+82	+112	+108	+18	+3.2	-2.5	+62	+10.3	+0.5	-0.4	+0.9	+2.5	+0.23	-6
ACC	44%	36%	69%	73%	67%	68%	65%	59%	50%	71%	36%	57%	58%	59%	59%	53%	55%	46%	53%

Traits Observed: CE,BWT,200WT,400WT(x2),SS,FAT,EMA,IMF,DOC

	\$ Index	Values	
Angus	Domestic	Heavy	Heavy
Breeding	Index	Grain	Grass
Index	index	Index	Index
+\$127	+\$115	+\$138	+\$122



Double cross of calving ease provides super short gestation backed up with top 2 % EMA.

Society Ident: CSWN407

Purchaser:.

LOT 46 MURDEDUKE JAMBOREE N407

> AMFU NHFU CAFU DDFU Tattoo: MS N407 (T&F)

HBR

Calved: 3/09/2017

RENNYLEA EDMUND E11

21AR ROUNDUP 7005

Dam: CSWG90 MURDEDUKE JEDDA G90

Sire: CSWJ26 MURDEDUKE JAMBOREE J26 MURDEDUKE MILDRED E27

MURDEDUKE JEDDA W40

February 2019 Angus Australia BREEDPLAN

APER	Calving Ease Direct	Calving Ease Dtrs	Gest Lgth (Days)	Birth Weight (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mature Cow Wt (kg)	Milk (kg)	Scrotal Size (cm)	Days to Calving (Days)	Carcase Weight (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	Retail Beef Yield (%)	IMF (%)	NFI-F (kg/day)	Docility (%)
EBV	-1.3	-0.9	-3.9	+5.5	+48	+85	+109	+110	+12	+2.6	-4.7	+67	+4.7	-1.0	-1.4	+1.1	+2.5	+0.25	-1
ACC	47%	39%	68%	73%	68%	69%	66%	61%	53%	71%	40%	61%	61%	63%	63%	58%	59%	54%	54%
	Traits Observed: BWT,200WT,400WT(x2),SS,FAT,EMA,IMF,DOC																		

\$ Index Values Heavy Heavy Domestic Grain Grass Index Index

+\$109

		Sti	ructural Ass	sessment	<u> </u>	018		
F	R	-	R 🎒	8		(2)	100	MUSCLE
6	5	5	6	6	5	41.5cm	5	C+

Young bull with balanced EBVs topped off a great feed efficiency, top 5%

LOT 47

Angus

Breeding

Index

+\$117

MURDEDUKE WESTERN EXPRESS N344

HBR

Society Ident: CSWN344

+\$111

+\$99

AMFU NHFU CAFU DDFU

Tattoo: MS N344 (T&F)

Calved: 23/08/2017

BANGADANG WESTERN EXPRESS E10 Sire: DXTJ606 TEXAS WESTERN EXPRESS J606 TEXAS TOQUE D035

Index

+\$132

TE MANIA ADA A149

Dam: CSWH156 MURDEDUKE ROSEBUD H156

MURDEDUKE ROSEBUD E43

February 2019 Angus Australia BREEDPLAN

Index

+\$100

Argus	Calving Ease Direct	Calving Ease Dtrs	Gest Lgth (Days)	Birth Weight (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mature Cow Wt (kg)	Milk (kg)	Scrotal Size (cm)	Days to Calving (Days)	Carcase Weight (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	Retail Beef Yield (%)	IMF (%)	NFI-F (kg/day)	Docility (%)
EBV	-1.4	-1.4	-4.9	+6.5	+51	+89	+117	+131	+12	+2.2	-3.0	+76	+4.4	-1.4	-0.8	+0.8	+1.1	+0.39	+17
ACC	46%	38%	60%	73%	68%	69%	66%	61%	53%	72%	39%	58%	59%	60%	61%	56%	56%	47%	58%
						Trait	s Observ	ed: CE,BW	T,200WT	,400WT(x	2),SS,FAT	,EMA,IMF,	DOC						

\$ Index Values Heavy Heavy Domestic Grain Grass Index

		St	ructural As:	sessment	- 26/11/20	018		
F	R 😽	F	R 🗳	8	9	(2)	100	MUSCLE
6	5	5	5	4	5	41cm	5	C+

Moderate, thick Western Express with good temperament and top 2% Feed Efficiency

LOT 48

Angus Breeding

Index

+\$99

MURDEDUKE KRAKATOA N4

APR

AMFU NHFU CAFU DDFU Society Ident: CSWN4

Index

+\$99

Tattoo: MS N4 (T&F)

Calved: 7/07/2017

\$.....

MATAURI REALITY 839 Sire: NJWK92 MILWILLAH KRAKATOA K92 MILWILLAH BARUNAH H224

WELCOME SWALLOW H429 Dam: CSWL540 MURDEDUKE L540 WELCOME SWALLOW BERKLEY H34

							rebiua	19 2019	Angus	Australi	a DREE	DPLAN							
Amons	Calving Ease Direct	Calving Ease Dtrs	Gest Lgth (Days)	Birth Weight (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mature Cow Wt (kg)	Mi l k (kg)	Scrotal Size (cm)	Days to Calving (Days)	Carcase Weight (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	Retail Beef Yield (%)	IMF (%)	NFI-F (kg/day)	Docility (%)
EBV	+5.6	+4.5	-10.0	+2.2	+44	+83	+104	+104	+14	+2.0	-4.2	+63	+7.0	+1.9	+1.3	-0.6	+2.8	+0.38	+7
ACC	42%	34%	83%	71%	65%	67%	62%	56%	47%	70%	34%	54%	56%	57%	58%	52%	51%	43%	49%

Traits Observed: GL,CE,BWT,200WT,400WT(x2),SS,FAT,EMA,IMF,DOC ¢ Indox Values

Purchaser:

	a linex v	raiues				31	iuctural Ass	sessillelli	- 20/11/2	010		
Angus Breeding Index	Domestic Index	Heavy Grain Index	Heavy Grass Index	1	R S	F 🗳	R 🎒	8		(1)	100	MUSCLE
+\$122	+\$114	+\$132	+\$117	6	6	6	5	5	6	39.5cm	4	C+

Bred with a double cross of calving ease, will also add carcase quality to his prodgeny





LOT 49

MURDEDUKE ELEVATOR N261

Calved: 7/08/2017

Society Ident: CSWN261

AMFU NHFU CAFU DDFU

S A V 5175 BANDO 0699

COONAMBLE FLEVATOR F11 Sire: NJWH249 MILWILLAH ELEVATOR H249 MILWILLAH MOONGARA D123

Dam: CSWD220 MURDEDUKE JEDDA D220

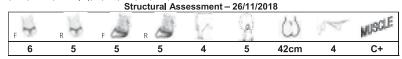
MURDEDUKE JEDDA A207

February 2019 Angus Australia BREEDPLAN

								I CDI UU	19 2010	Allgus	Austrun	u DIVLL	DILAN							
,	Vincous Vincous	Calving Ease Direct	Calving Ease Dtrs	Gest Lgth (Days)	Birth Weight (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mature Cow Wt (kg)	Mi l k (kg)	Scrotal Size (cm)	Days to Calving (Days)	Carcase Weight (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	Retail Beef Yield (%)	IMF (%)	NFI-F (kg/day)	Docility (%)
ſ	EBV	-2.2	-1.3	-5.2	+5.3	+45	+83	+119	+117	+16	+2.5	-1.7	+64	+6.3	-0.9	-1.3	+1.6	+1.2	+0.15	+0
Γ	ACC	45%	37%	69%	73%	69%	68%	66%	61%	56%	71%	39%	60%	59%	63%	60%	56%	58%	48%	52%

Traits Observed: CE.BWT.200WT.400WT(x2).SS.FAT.EMA.IMF.DOC.Genomics

		\$ Index	Values	
	Angus	Domestic	Heavy	Heavy
	Breeding	Index	Grain	Grass
	Index	muex	Index	Index
Ì	+\$105	+\$98	+\$107	+\$105



Suited to cows, will give lift and good carcase attributes - CWt and RBY, well muscled.

LOT 50

MURDEDUKE UPWARD N294 *

HBR

Society Ident: CSWN294

AMFU NHFU CAFU DDFU

Tattoo: MS N294 (T&F)

Calved: 11/08/2017

CONNEALY ONWARD Sire: USA14963730 SITZ UPWARD 307R SITZ HENRIETTA PRIDE 81M

TE MANIA EMPEROR E343 **CSWK112 MURDEDUKE JEDDA K112**

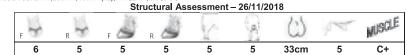
MURDEDUKE JEDDA G74

February 2019 Angus Australia BREEDPLAN

Anges	Calving Ease Direct	Calving Ease Dtrs	Gest Lgth (Days)	Birth Weight (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mature Cow Wt (kg)	Mi l k (kg)	Scrotal Size (cm)	Days to Calving (Days)	Carcase Weight (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	Retail Beef Yield (%)	IMF (%)	NFI-F (kg/day)	Doci l ity (%)
EBV	+0.5	+1.9	-4.9	+4.2	+49	+93	+114	+100	+17	+1.9	-4.0	+69	+7.7	-0.3	-1.4	+1.6	+1.2	+0.09	-5
ACC	58%	52%	68%	73%	69%	70%	68%	66%	64%	66%	48%	65%	64%	66%	64%	63%	63%	58%	62%
						7	raite Ohe	erved: BW	T 200W/T	400W/T/v	2) FAT FM	A IME DO	?						

\$ Index Values

	ψ IIIασχ	talaco	
Angus	Domestic	Heavy	Heavy
Breeding	Index	Grain	Grass
Index	inuex	Index	Index
+\$119	+\$120	+\$121	+\$119



Well muscled, clean skinned suited to producing trade cattle and replacement females

Purchaser:.

LOT 51

MURDEDUKE HERO N260

Calved: 7/08/2017

Society Ident: CSWN260 COONAMBLE ELEVATOR E11

AMFU NHFU CAFU DDFU

MILWILLAH EXCEED AND EXCEL Z8 Dam: CSWD270 MURDEDUKE PANDA D270

MURDEDUKE PANDA B211

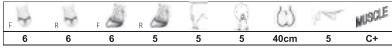
Sire: WDCH176 COONAMBLE H176 **COONAMBLE D94**

February 2019 Angus Australia BREEDPLAN

Arross	Calving Ease Direct	Calving Ease Dtrs	Gest Lgth (Days)	Birth Weight (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mature Cow Wt (kg)	Milk (kg)	Scrotal Size (cm)	Days to Calving (Days)	Carcase Weight (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	Retail Beef Yield (%)	IMF (%)	NFI-F (kg/day)	Docility (%)
EBV	-1.7	+0.1	-3.0	+5.0	+48	+80	+110	+98	+16	+2.1	-0.9	+55	+4.4	-0.3	+0.2	+0.2	+1.6	+0.12	+11
ACC	46%	36%	85%	74%	69%	70%	67%	63%	55%	73%	37%	59%	59%	60%	61%	56%	55%	44%	56%

Traits Observed: GL,CE,BWT,200WT,400WT(x2),SS,FAT,EMA,IMF,DOC Structural Assessment -

		a illuex	values	
	Angus	Domestic	Heavy	Heavy
	Breeding	Index	Grain	Grass
	Index	index	Index	Index
1	+\$92	+\$93	+\$87	+\$96



Strong Australian pedigree with balanced EBVs.

Purchaser:.....

LOT 52

Angus

Breeding

Index

+\$122

MURDEDUKE REALITY

HBR

Society Ident: CSWN93

AMFU NHFU CAFU DDFU

Tattoo: MS N93 (T&F)

Calved: 17/07/2017

SCHURRTOP REALITY X723

LAWSONS NOVAK E313

Sire: NZE14647008839 MATAURI REALITY 839

Dam: CSWL312 MURDEDUKE PANDA L312

MURDEDUKE H290

MATAURI 06663

							Februa	ry 2019	Angus	Austrail	a BREE	DPLAN							
Amons	Calving Ease Direct	Calving Ease Dtrs	Gest Lgth (Days)	Birth Weight (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mature Cow Wt (kg)	Mi l k (kg)	Scrotal Size (cm)	Days to Calving (Days)	Carcase Weight (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	Retail Beef Yield (%)	IMF (%)	NFI-F (kg/day)	Docility (%)
EBV	+1.9	+3.7	-3.7	+3.5	+48	+86	+111	+99	+14	+3.0	-5.2	+59	+4.0	+2.1	+1.3	-1.2	+2.8	+0.18	+6
ACC	56%	53%	85%	74%	69%	70%	67%	64%	61%	73%	48%	62%	63%	64%	64%	61%	61%	54%	59%

\$ Index Values

Traits Ol	bserved: GL,CE,BW	T,200WT,400	WT(x2),SS,FAT	,EMA,IMF,DC	OC			
			Stru	ctural Ass	sessment	— 26/11/20	18	
avy	14	18	100	18	60		125	00
	-		/ / /		3.7	20.0	1. 6.5	

Hea Heavy Domestic Grain Index Index +\$112 +\$132

Grass Index	F S	R 😽	F 🗳	R 🛎	V	0	(2)	100	MUSCLE
+\$117	5	5	5	5	5	6	40cm	4	С

Calving Ease option with an outcross pedigree that brings doing ability, fertility and IMF





Calved: 1/08/2017

LOT 53 MURDEDUKE LOCH UP N181 # HBR

Society Ident: CSWN181 AMFU NHFU CAFU DDFU Tattoo: MS N181 (T&F)

THOMAS UP RIVER 1614

Sire: NMML133 MILLAH MURRAH LOCH UP L133

MILLAH MURRAH BRENDA H49

TC ABERDEEN 759

Dam: CSWH293 MURDEDUKE H293

MURDEDUKE E152

							Februa	ry 2019	Angus	Australi	a BREE	DPLAN							
Ampan	Calving Ease Direct	Calving Ease Dtrs	Gest Lgth (Days)	Birth Weight (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mature Cow Wt (kg)	Mi l k (kg)	Scrotal Size (cm)	Days to Calving (Days)	Carcase Weight (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	Retail Beef Yield (%)	IMF (%)	NF I- F (kg/day)	Docility (%)
EBV	+0.1	+1.7	-6.4	+3.8	+51	+89	+115	+95	+18	+2.4	-5.1	+65	+4.3	-0.7	-0.6	+0.3	+1.9	+0.06	+21
			•	- 0.0							٠	. 00	. 4.0	0.7	0.0	. 0.0			
ACC																			

	\$ Index	Values	
Angus	Domestic	Heavy	Heavy
Breeding	Index	Grain	Grass
Index	maex	Index	Index
+\$118	+\$112	+\$122	+\$115

		St	ructural Ass	sessment	- 26/11/2	018		
1	R	-	R 🎒	1	9	(1)	100	MUSCLE
6	6	6	6	5	5	40.5cm	5	C+

Quiet, calving ease option with frame, for those that dont want to give up size.

LOT 54 MURDEDUKE KRAKATOA N257 # HBR

Society Ident: CSWN257 AMFU NHFU CAFU DDFU Tattoo: MS N257 (T&F) Calved: 7/08/2017

MATAURI REALITY 839
Sire: NJWK92 MILWILLAH KRAKATOA K92

MILWILLAH BARUNAH H224

RENNYLEA EDMUND E11

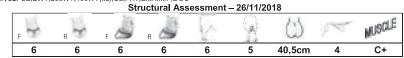
Dam: CSWL410 MURDEDUKE JEDDA L410

MURDEDUKE E175

February 2019 Angus Australia BREEDPLAN

							rebiua	19 2019	Aligus	Australi	a DNEE	DELAN							
Argus.	Calving Ease Direct	Calving Ease Dtrs	Gest Lgth (Days)	Birth Weight (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mature Cow Wt (kg)	Mi l k (kg)	Scrotal Size (cm)	Days to Calving (Days)	Carcase Weight (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	Retail Beef Yield (%)	IMF (%)	NFI-F (kg/day)	Docility (%)
EBV	+3.4	+2.2	-7.4	+3.4	+46	+87	+119	+121	+16	+3.0	-4.9	+68	+8.2	+1.2	-0.1	+0.4	+2.4	+0.14	+14
ACC	47%	40%	69%	73%	68%	69%	65%	60%	54%	71%	41%	59%	59%	61%	60%	55%	57%	50%	56%
						Trait	s Observ	ed: CE,BW	T,200WT	,400WT(x	2),SS,FAT	EMA, IMF,	DOC						

	\$ Index	Values	
Angus	Domestic	Heavy	Heavy
Breeding	Index	Grain	Grass
Index	muex	Index	Index
+\$133	+\$117	+\$148	+\$126



Calving ease without giving up carcase and growth.

LOT 55 MURDEDUKE JAMBOREE N390 SV HBR

Society Ident: CSWN390 AMFU NHFU CAFU DDFU Tattoo: MS N390 (T&F) Calved: 29/08/2017

RENNYLEA EDMUND E11

TUWHARETOA REGENT D145

Sire: CSWJ26 MURDEDUKE JAMBOREE J26

Dam: CSWJ277 MURDEDUKE JEDDA J277

MURDEDUKE MURDEDUKE JEDDA E40

MURDEDUKE MILDRED E27 MURDEDUKE JEDDA F49

							Februa	ry 2019	Angus	Australi	a BREE	DPLAN							
Airgas	Calving Ease Direct	Calving Ease Dtrs	Gest Lgth (Days)	Birth Weight (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mature Cow Wt (kg)	Mi l k (kg)	Scrotal Size (cm)	Days to Calving (Days)	Carcase Weight (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	Retail Beef Yield (%)	IMF (%)	NF I- F (kg/day)	Docility (%)
EBV	-2.7	-3.2	-3.9	+6.6	+54	+100	+137	+143	+15	+3.7	-6.7	+83	+3.1	-1.3	-0.7	+1.0	+2.9	+0.13	+13
ACC	48%	43%	66%	74%	69%	70%	67%	62%	54%	72%	44%	62%	62%	64%	64%	60%	61%	57%	58%

			Trait	s Observe	e d: CE,BWT,	200WT,400W	T(x2),SS,FA1	r,EMA,IMF,DO	0				
	\$ Index	Values					St	ructural Ass	sessment	-26/11/2	018		
Angus Breeding Index	Domestic Index	Heavy Grain Index	Heavy Grass Index		F 13	R	F 🗳	R 🗳	8	9	(1)	100	MUSCLE
+\$143	+\$119	+\$171	+\$128		5	6	5	6	5	6	41.5cm	4	C+

Strong dam line gives growth to this strong, deep Krakatoa son

Purchaser:.....\$........

LOT 56 MURDEDUKE KICKING N211 # HBR

Society Ident: CSWN211 AMFU NHFU CAFU DDFU Tattoo: MS N211 (T&F) Calved: 2/08/2017

TE MANIA EMPEROR E343

Sire: CSWK428 MURDEDUKE KICKING K428

MILWILLAH GATSBY G279

Dam: CSWL69 MURDEDUKE JEDDA L69

re: CSWK428 MURDEDUKE KICKING K428 Dam: CSWL69 MURDEDUKE JEDIA
MURDEDUKE E175 MURDEDUKE JEDDA J191

							Februa	ry 2019	Angus	Australi	a BREE	DPLAN							
77	Calving Ease	Calving Ease	Gest Lgth	Birth Weight	200 Day Wt	400 Day Wt	600 Day Wt	Mature Cow Wt	Mi l k (kg)	Scrotal Size	Days to Calving	Carcase Weight	EMA (sq cm)	Rib Fat	Rump Fat	Retail Beef	IMF (%)	NFI-F (kg/day)	Docility (%)
Amous-	Direct	Dtrs	(Days)	(kg)	(kg)	(kg)	(kg)	(kg)	(119)	(cm)	(Days)	(kg)	(64 6111)	(mm)	(mm)	Yield (%)	(70)	(ng/ddy)	(70)
EDV			4.0	. 4 0	. 45		. 400	.440			- 4	. 70	.40	. 0. 4	.40			. 0 20	+14
EBV	+0.3	+0.2	4.8	+4.0	+45	+90	+123	+113	+20	+3.6	-7.1	+72	+1.9	+2.1	+1.2	-0.8	+2.6	+0.20	+14
ACC	48%	40%	70%	74%	69%	70%	66%	61%	53%	72%	40%	59%	59%	60%	60%	56%	56%	49%	58%

	\$ Index	Values	rran	3 0036/76	u. OL,DVVI	200111,40011		ructural As		_ 26/11/2	018		
Angus Breeding Index	Domestic Index	Heavy Grain Index	Heavy Grass Index		13	R	F S	R 🍣	8	9	(1)	00	MUSCLE
+\$131	+\$110	+\$147	+\$122		6	5	5	5	5	5	41.5cm	4	C+

For those looking for calving ease, doing ability, fertility and great structure. Only one 6.





LOT 57

MURDEDUKE REALITY N313

HBR

Society Ident: CSWN313

AMFU NHFU CAFU DDFU

Tattoo: MS N313 (T&F)

Calved: 16/08/2017

SCHURRTOP REALITY X723

MATAURI 06663

Sire: NZE14647008839 MATAURI REALITY 839

TE MANIA EMPEROR E343

Dam: CSWK338 MURDEDUKE JEDDA K338

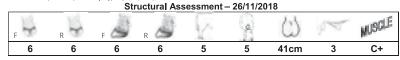
MURDEDUKE PANDA D40

February 2019 Angus Australia BREEDPLAN

Ampas	Calving Ease Direct	Calving Ease Dtrs	Gest Lgth (Days)	Birth Weight (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mature Cow Wt (kg)	Milk (kg)	Scrotal Size (cm)	Days to Calving (Days)	Carcase Weight (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	Retail Beef Yield (%)	IMF (%)	NFI-F (kg/day)	Docility (%)
EBV	+4.6	+4.0	-7.3	+2.8	+45	+81	+107	+108	+08	+2.8	-6.3	+56	+2.0	+2.7	+2.1	-1.6	+2.2	+0.14	+19
ACC	59%	55%	67%	74%	70%	71%	69%	66%	63%	73%	52%	65%	63%	66%	65%	62%	63%	57%	64%

Traits Observed: BWT,200WT,400WT(x2),SS,FAT,IMF,DOC

	\$ Index	Values	
Angus	Domestic	Heavy	Heavy
Breeding	Index	Grain	Grass
Index	inuex	Index	Index
+\$116	+\$106	+\$121	+\$112



Great joining Reality over Emperor providing super calving ease and doing ability

orchaser:.

\$....

LOT 58

MURDEDUKE BARTEL N394

HBR

Society Ident: CSWN394

AMFU NHFU CAFU DDFU

Tattoo: MS N394 (T&F)

Calved: 30/08/2017

TE MANIA BARTEL B219 Sire: HIOE7 AYRVALE BARTEL E7 EAGLEHAWK JEDDA B32 ARDROSSAN DIRECTION W109

Dam: CSWC66 MURDEDUKE PANDA C66

MURDEDUKE PANDA Y153

February 2019 Angus Australia BREEDPLAN

Argus	Calving Ease Direct	Calving Ease Dtrs	Gest Lgth (Days)	Birth Weight (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mature Cow Wt (kg)	Milk (kg)	Scrotal Size (cm)	Days to Calving (Days)	Carcase Weight (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	Retail Beef Yield (%)	IMF (%)	NFI-F (kg/day)	Doci l ity (%)
EBV	-0.8	+0.9	-2.1	+6.1	+50	+87	+115	+98	+15	+2.5	-6.9	+74	+7.4	-1.5	-1.5	+1.2	+2.0	+0.48	+3
ACC	60%	57%	85%	76%	72%	73%	71%	69%	66%	75%	54%	66%	66%	67%	67%	64%	64%	59%	63%
						Traits	Observed	l: GL,CE,B	WT,200W	/T,400WT((x2),SS,FA	T,EMA,IMI	F,DOC						

\$ Index Values

Domestic Heavy Heavy
Index Index Index Index

+\$142

		St	ructural Ass	sessment	– 26/11/20)18		
F S	R 😽	E 🗳	R 🎒	1	٥	(3)	100	MUSCLE
6	5	5	5	5	5	39cm	4	C+

Bartel son suited to cow joinings providing carcase weight and fertility.

Purchaser:....

Angus

Breeding

Index

+\$130

.

LOT 59 Society Ident: CSWN84

MURDEDUKE HUSSAR N84

HBR Calved: 17/07/2017

TE MANIA EMPEROR E343

+\$117

AMFU NHFU CAFU DDFU

Tattoo: MS N84 (T&F)

RENNYLEA EDMUND E11

Dam: CSWJ135 MURDEDUKE JEDDA J135

MURDEDUKE E201

Sire: CSWH211 MURDEDUKE HUSSAR H211 MURDEDUKE E175

+\$122

+\$122

+\$122

February 2019 Angus Australia BREEDPLAN

											~ -:								
Angus	Calving Ease Direct	Calving Ease Dtrs	Gest Lgth (Days)	Birth Weight (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mature Cow Wt (kg)	Milk (kg)	Scrotal Size (cm)	Days to Calving (Days)	Carcase Weight (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	Retail Beef Yield (%)	IMF (%)	NFI-F (kg/day)	Doci l ity (%)
EBV	+1.3	+0.3	-5.8	+4.7	+49	+95	+126	+120	+16	+2.2	-5.7	+73	+3.5	+0.5	-1.2	+0.0	+2.4	+0.24	-5
ACC	48%	42%	65%	73%	65%	65%	64%	60%	54%	60%	41%	61%	55%	63%	61%	58%	60%	55%	59%
-							Traits	Observed:	BWT,400	OWT,SS,F,		1F,DOC	_						

+\$148

6	5	6	5	4	5	36cm	4	C+
F H	R	3	R 🎒	8	٥	(1)	00	MUSCLE
		51	ructurai Ass	sessment	- 26/11/20	718		

Hard to fault this bulls numbers top 10% for Feed Efficiency, growth and carcase weight

Purchaser:....\$......\$.....

LOT 60

+\$124

Breeding

Index

+\$131

MURDEDUKE COMPLEMENT N459

HBR

Society Ident: CSWN459

+\$116

AMFU NHFU CAFU DDFU

Tattoo: MS N459 (T&F)

Calved: 14/09/2017

BASIN FRANCHISE P142
Sire: USA16198796 EF COMPLEMENT 8088

142

MURDEDUKE E60

Dam: CSWH327 MURDEDUKE H327

MURDEDUKE JEDDA C41

EF EVERELDA ENTENSE 6117

							Februa	ry 2019	Angus	Australi	a BREE	DPLAN							
Amon	Calving Ease Direct	Calving Ease Dtrs	Gest Lgth (Days)	Birth Weight (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mature Cow Wt (kg)	Mi l k (kg)	Scrotal Size (cm)	Days to Calving (Days)	Carcase Weight (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	Retail Beef Yield (%)	IMF (%)	NFI-F (kg/day)	Docility (%)
EBV	-0.3	+1.5	-6.5	+5.7	+54	+98	+132	+127	+15	+1.4	-5.0	+75	+3.8	-0.5	+0.4	-0.1	+1.5	+0.19	+10
	==0/	=00/	0001	= 40/	0001	=00/	0001	0.007	=00/	=00/	1001	0.404	0.404	0001	0001	=00/	=00/	= 404	0001

Angus Domestic Heavy Heavy Breeding Index Index Index Index

+\$129

+\$112

Traits O	bserved: BWT,20	00WT,400WT		MA,IMF,DOC	sessment	_ 26/11/20)18		
	F 1	R	F S	R 🎒	8		(2)	100	MUSCLE
	6	6	5	6	5	5	39cm	5	C+

Plenty of doing ability and growth in this young Complement son suited to cows.

Purchaser:_______\$_______\$



\S

Calved: 21/09/2017

MUSCLÉ C

LOT 61 MURDEDUKE KLOONEY N426 # HBR

Society Ident: CSWN426 AMFU NHFU CAFU DDFU Tattoo: MS N426 (T&F) Calved: 8/09/2017

BOOROOMOOKA THEO T030

Sire: NMMK42 MILLAH MURRAH KLOONEY K42

MILLAH MURRAH PRUE H4

TE MANIA ADA A149

Dam: CSWH214 MURDEDUKE H214

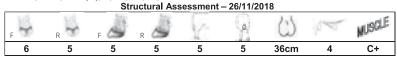
MURDEDUKE JEDDA B60

February 2019 Angus Australia BREEDPLAN

							гергиа	19 2019	Angus	Australi	a DREE	DPLAN							
Amon	Calving Ease Direct	Calving Ease Dtrs	Gest Lgth (Days)	Birth Weight (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mature Cow Wt (kg)	Mi l k (kg)	Scrotal Size (cm)	Days to Calving (Days)	Carcase Weight (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	Retail Beef Yield (%)	IMF (%)	NFI-F (kg/day)	Docility (%)
EBV	+1.8	+0.9	-5.7	+4.7	+44	+82	+101	+102	+14	+1.0	-3.8	+59	+3.0	-0.4	-1.0	+0.4	+1.5	+0.36	+10
ACC	55%	49%	67%	75%	71%	72%	70%	64%	55%	74%	44%	63%	63%	65%	64%	60%	62%	56%	63%

Traits Observed: BWT,200WT,400WT(x2),SS,FAT,EMA,IMF,DOC

	\$ Index	Values	
Angus	Domestic	Heavy	Heavy
Breeding	Index	Grain	Grass
Index	index	Index	Index
+\$99	+\$104	+\$101	+\$99



Provides moderate calving ease with great structure and feed efficiency.

Purchaser: \$

LOT 62 MURDEDUKE KICKING N496 PV HBR

Society Ident: CSWN496 AMFU NHFU CAFU DDFU Tattoo: MS N496 (T&F)

TE MANIA EMPEROR E343 RENNYLEA EDMUND E11

Sire: CSWK428 MURDEDUKE KICKING K428

MURDEDUKE E175

Dam: CSWJ372 MURDEDUKE JEDDA J372

MURDEDUKE JEDDA D188

ebruary 2019 Angus Australia BREEDPLAN

							rebiua	19 2019	Allgus	Australi	a DNEE	DELAN							
Amous.	Calving Ease Direct	Calving Ease Dtrs	Gest Lgth (Days)	Birth Weight (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mature Cow Wt (kg)	Mi l k (kg)	Scrotal Size (cm)	Days to Calving (Days)	Carcase Weight (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	Retail Beef Yield (%)	IMF (%)	NFI-F (kg/day)	Docility (%)
EBV	-1.6	-1.5	-5.3	+6.0	+52	+99	+137	+130	+16	+3.0	-6.8	+82	+5.7	+0.7	-1.2	+0.5	+2.5	+0.28	+31
ACC	48%	41%	65%	74%	68%	69%	65%	60%	54%	71%	42%	58%	58%	60%	60%	56%	56%	50%	58%
						Tra	its Obser	ved: BWT	,200WT,4	100WT(x2)	SS,FAT,E	MA,IMF,D	ОС						

\$ Index Values Angus Heavy Heavy Domestic Breeding Grain Grass Index Index Index Index +\$142 +\$118 +\$165 +\$131

		St	ructural Ass	sessment	– 26/11/2	018		
F S	R 😽	F 🗳	R 🎒	1	9	(1)	100	MUSCLE
6	6	6	6	6	5	38.5cm	4	C+

Super quiet Kicking son with top 2 % growth and carcase weight

Purchaser:...\$....

LOT 63 MURDEDUKE JAMBOREE N345 SV HBR

Society Ident: CSWN345 AMFU NHFU CAFU DDFU Tattoo: MS N345 (T&F) Calved: 23/08/2017

RENNYLEA EDMUND E11

Angus Breeding

Index

+\$125

+\$113

Sire: CSWJ26 MURDEDUKE JAMBOREE J26 MURDEDUKE MILDRED E27 TE MANIA EMPEROR E343

Dam: CSWJ248 MURDEDUKE PANDA J248

MURDEDUKE PANDA F26

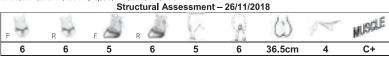
February 2019 Angus Australia BREEDPLAN

Angus	Calving Ease Direct	Calving Ease Dtrs	Gest Lgth (Days)	Birth Weight (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mature Cow Wt (kg)	Mi l k (kg)	Scrotal Size (cm)	Days to Calving (Days)	Carcase Weight (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	Retail Beef Yield (%)	IMF (%)	NFI-F (kg/day)	Docility (%)
EBV	+0.7	+0.5	-6.0	+5.1	+49	+93	+121	+127	+13	+2.0	-5.0	+70	+1.5	+0.1	+0.3	-0.4	+2.8	+0.23	+16
ACC	47%	41%	65%	73%	67%	68%	66%	60%	53%	71%	42%	61%	61%	63%	62%	58%	60%	56%	56%
						Trait	s Observ	ed: CE,BW	T,200W7	r,400WT(x	2),SS,FAT	EMA,IMF,	DOC						

\$ Index Values

Domestic Heavy Heavy Grain Grass Index Index Index F

+\$117



Really balanced EBVs backed with the consistancy Emperor and Edmund provide.

Purchaser:....\$......

LOT 64 MURDEDUKE LOCH UP N237 # HBR

Society Ident: CSWN237 AMFU NHFU CAFU DDFU Tattoo: MS N237 (T&F) Calved: 5/08/2017

THOMAS UP RIVER 1614
Sire: NMML133 MILLAH MURRAH LOCH UP L133

+\$143

RENNYLEA EDMUND E11

Dam: CSWJ142 MURDEDUKE PANDA J142

MILLAH MURRAH BRENDA H49 MURDEDUKE E201

							reprua	ry 2019.	Angus	Austraii	a BREE	DPLAN							
Anges	Calving Ease Direct	Calving Ease Dtrs	Gest Lgth (Days)	Birth Weight (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mature Cow Wt (kg)	Mi l k (kg)	Scrotal Size (cm)	Days to Calving (Days)	Carcase Weight (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	Retail Beef Yield (%)	IMF (%)	NFI-F (kg/day)	Docility (%)
EBV	+0.8	+0.4	-3.9	+4.2	+47	+85	+108	+92	+16	+1.7	-6.6	+65	+3.3	-0.6	-1.2	+0.4	+2.3	+0.17	-3
ACC	49%	39%	84%	74%	69%	70%	66%	60%	52%	73%	38%	58%	60%	61%	62%	56%	57%	47%	59%
700	ACC 49% 39% 84% 74% 69% 70% 66% 60% 52% 73% 38% 58% 60% 61% 62% 56% 57% 47% 59%																		

	\$ Index	Values				St	ructural Ass	sessment	- 26/11/20	018
Angus Breeding Index	Domestic Index	Heavy Grain Index	Heavy Grass Index	F H	R 😽	F S	R 🎒	8		(1)
+\$121	+\$114	+\$133	+\$114	6	6	6	6	5	6	38cm

Double cross of calving ease sees this bull suit heifer joinings.





LOT 65

MURDEDUKE KRAKATOA N308

Society Ident: CSWN308

AMEUNHELL CAELL DD50%

Tattoo: MS N308 (T&F)

Calved: 15/08/2017

MATAURI REALITY 839

Sire: NJWK92 MILWILLAH KRAKATOA K92 MILWILLAH BARUNAH H224

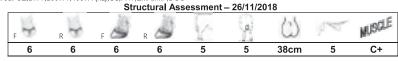
TE MANIA EMPEROR E343 Dam: CSWL350 MURDEDUKE PANDA L350 MURDEDUKE PANDA Z25

February 2019 Angus Australia BREEDPL AN

							i ebiua	19 2013	Aligus	Austraji	a DIVLL	DILAN							
Ampri	Calving Ease Direct	Calving Ease Dtrs	Gest Lgth (Days)	Birth Weight (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mature Cow Wt (kg)	Milk (kg)	Scrotal Size (cm)	Days to Calving (Days)	Carcase Weight (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	Retail Beef Yield (%)	IMF (%)	NFI-F (kg/day)	Docility (%)
EBV	+3.7	+2.6	-6.7	+2.4	+42	+77	+99	+97	+14	+1.9	-3.8	+57	+7.9	+1.8	+0.6	-0.8	+3.5	+0.39	+6
ACC	47%	41%	64%	73%	67%	68%	65%	59%	52%	71%	41%	58%	59%	59%	60%	55%	55%	48%	54%

Traits Observed: CE,BWT,200WT,400WT(x2),SS,FAT,EMA,IMF,DO

	\$ Index	Values	Traits
Angus Breeding Index	Domestic Index	Heavy Grain Index	Heavy Grass Index
+\$119	+\$110	+\$135	+\$112



Suit heifer joining where EMA and IMF are needed.

Purchaser:.

LOT 66

MURDEDUKE DOCKLANDS N167

HBR

Society Ident: CSWN167

Calved: 31/07/2017

KAROO W109 DIRECTION Z181 Sire: QHED62 CARABAR DOCKLANDS D62 CARABAR BLACKCAP MARY B12

TUWHARETOA REGENT D145 CSWJ268 MURDEDUKE JEDDA J268 MURDEDUKE JEDDA D199

February 2019 Angus Australia BREEDPLAN

Arron	Calving Ease Direct	Calving Ease Dtrs	Gest Lgth (Days)	Birth Weight (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mature Cow Wt (kg)	Milk (kg)	Scrotal Size (cm)	Days to Calving (Days)	Carcase Weight (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	Retail Beef Yield (%)	IMF (%)	NFI-F (kg/day)	Doci l ity (%)
EBV	+1.5	-0.3	-7.4	+4.3	+44	+79	+113	+98	+18	+3.4	-6.9	+67	+7.1	+0.6	+0.4	+0.9	+1.7	+0.57	-5
ACC	59%	55%	85%	75%	70%	71%	69%	66%	64%	74%	53%	64%	65%	65%	66%	63%	63%	58%	61%
						Traits	Observed	l: GL,CE,B	WT,200N	/T,400WT		T,EMA,IM							

\$ Index Values Domestic Grain Grass Index Index Index +\$112 +\$138 +\$124

		St	ructural Ass	<u>sessment</u>	<u> </u>	018		
F S	R S	F 🗳	R 🎒	8	9	(2)	00	MUSCLE
6	5	5	5	4	5	41.5cm	5	C+

Suited to heifer joinings that need EMA and fertility

Purchaser:.....

Breeding

Index

+\$129

LOT 67

MURDEDUKE BARTEL N476 #

HBR

Calved: 15/09/2017

Society Ident: CSWN476 TE MANIA BARTEL B219

AMFU NHFU CAFU DDFU

Tattoo: MS N476 (T&F)

TE MANIA ADA A149 Dam: CSWH116 MURDEDUKE H116 MURDEDUKE JEDDA D24

Sire: HIOE7 AYRVALE BARTEL E7 EAGLEHAWK JEDDA B32

February 2019 Angus Australia BREEDPLAN

Arge	Calving Ease Direct	Calving Ease Dtrs	Gest Lgth (Days)	Birth Weight (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mature Cow Wt (kg)	Mi l k (kg)	Scrotal Size (cm)	Days to Calving (Days)	Carcase Weight (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	Retail Beef Yield (%)	IMF (%)	NF I- F (kg/day)	Docility (%)
EBV	+1.6	+1.7	-5.0	+3.0	+46	+84	+106	+90	+19	+2.8	-7.6	+67	+6.1	-0.9	+0.7	+0.1	+2.6	+0.42	+3
ACC	59%	56%	70%	74%	70%	71%	69%	67%	63%	73%	54%	65%	65%	67%	66%	64%	64%	60%	62%
						Tra	aits Obsei	ved: BWT,	200WT,4	00WT(x2)	,SS,FAT,E	MA,IMF,D	ОС						

\$ Index Values Heavy Heavy Domestic Index Index Index

+\$144

		St	ructural Ass	sessment	- 26/11/20	18		
F H	R 😽	3	R 🎒	8	a	(1)	100	MUSCLE
6	6	5	6	4	5	41cm	5	C+

Will add carcase, fertility and calving ease.

Purchaser:....

LOT 68

Angus

Breeding

Index

+\$132

MURDEDUKE KRAKATOA N347 sv

HBR

Society Ident: CSWN347

+\$119

AMFU NHFU CAFU DDFU

+\$123

Tattoo: MS N347 (T&F)

Calved: 23/08/2017

MATAURI REALITY 839

LT DRIVEN 9087

Dam: CSWK265 MURDEDUKE BARUNAH K265 MURDEDUKE BARUNAH G79

Sire: NJWK92 MILWILLAH KRAKATOA K92 MILWILLAH BARUNAH H224

February 2019 Angus Australia BREEDPI AN

							i ebiua	19 2010	Aligus	Austral		DILAN							
Amors	Calving Ease Direct	Calving Ease Dtrs	Gest Lgth (Days)	Birth Weight (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mature Cow Wt (kg)	Milk (kg)	Scrotal Size (cm)	Days to Calving (Days)	Carcase Weight (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	Retail Beef Yield (%)	IMF (%)	NFI-F (kg/day)	Doci l ity (%)
EBV	+0.5	+1.5	-5.8	+4.8	+45	+81	+106	+111	+13	+2.8	-3.0	+62	+7.8	+0.7	+0.6	-0.4	+2.9	+0.38	+20
ACC	45%	37%	69%	73%	68%	69%	65%	60%	52%	71%	36%	57%	59%	59%	60%	54%	55%	46%	54%

Traits Observed: CE.BWT.200WT.400WT(x2).SS.FAT.EMA.IMF.DOC

	\$ Index	Values	
Angus	Domestic	Heavy	Heavy
Breeding	Index	Grain	Grass
Index	muex	Index	Index
+\$113	+\$105	+\$124	+\$108

		St	ructural Ass	sessme <u>nt</u>	– 26/11/2	018		
F S	R 😽		R 🗳	1	9	(2)	00	MUSCLE
6	6	6	6	6	6	41.5cm	4	C+

Super quiet calving ease with great carcase traits.



LOT 69

MURDEDUKE COMPLEMENT N451

Society Ident: CSWN451

AMFU NHFU CAFU DDFU

Tattoo: MS N451 (T&F)

Calved: 11/09/2017

BASIN FRANCHISE P142 Sire: USA16198796 EF COMPLEMENT 8088

MURDEDUKE E60 Dam: CSWH327 MURDEDUKE H327 MURDEDUKE JEDDA C41

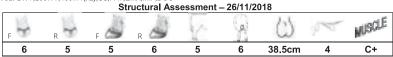
EF EVERELDA ENTENSE 6117

February 2019 Angus Australia BREEDPLAN

							rebiua	19 2013	Allyus	Austraji	a DNEE	DFLAN							
Anges	Calving Ease Direct	Calving Ease Dtrs	Gest Lgth (Days)	Birth Weight (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mature Cow Wt (kg)	Milk (kg)	Scrotal Size (cm)	Days to Calving (Days)	Carcase Weight (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	Retail Beef Yield (%)	IMF (%)	NFI-F (kg/day)	Doci l ity (%)
EBV	+1.9	+2.4	-6.9	+4.2	+50	+95	+125	+116	+17	+1.4	-4.9	+72	+4.8	-0.1	+0.6	+0.3	+1.2	+0.25	+10
ACC	55%	50%	69%	74%	69%	70%	68%	65%	59%	72%	40%	61%	61%	62%	63%	59%	58%	51%	60%

Traits Observed: BWT,200WT,400WT(x2),SS,FAT,EMA,IMF,DOC

		\$ Index	Values	
ı	Angus	Domestic	Heavy	Heavy
ı	Breeding	Index	Grain	Grass
ı	Index	index	Index	Index
Ì	+\$125	+\$116	+\$127	+\$125



Calving ease Complement son who will add growth and weight.

LOT 70

MURDEDUKE KRAKATOA N210

HBR

Society Ident: CSWN210

AMFU NHFU CAFU DDFU

Tattoo: MS N210 (T&F)

Calved: 2/08/2017

MATAURI REALITY 839 Sire: NJWK92 MILWILLAH KRAKATOA K92

TE MANIA EMPEROR E343 Dam: CSWL35 MURDEDUKE JEDDA L35

MURDEDUKE JEDDA J211

MILWILLAH BARUNAH H224

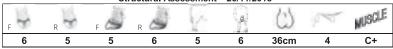
February 2019 Angus Australia BREEDPLAN

								I CDI UU	19 2013	Aligus	Australi	a DIVLL	DILCAN							
Alle	Data (Calving Ease Direct	Calving Ease Dtrs	Gest Lgth (Days)	Birth Weight (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mature Cow Wt (kg)	Milk (kg)	Scrotal Size (cm)	Days to Calving (Days)	Carcase Weight (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	Retail Beef Yield (%)	IMF (%)	NFI-F (kg/day)	Docility (%)
EI	BV	+4.2	+3.0	-7.9	+2.3	+38	+71	+90	+95	+11	+1.2	-4.2	+55	+7.6	+2.4	+0.8	-0.5	+2.6	+0.27	+9
A	CC	47%	40%	69%	73%	68%	68%	65%	60%	52%	71%	40%	58%	59%	60%	60%	55%	57%	49%	54%

\$ Index Values

Traits Observed: CE,BWT,200WT,400WT(x2),SS,FAT,EMA,IMF,DOC Structural Assessment - 26/11/2018

	\$ IIIuex	values	
Angus	Domestic	Heavy	Heavy
Breeding	Index	Grain	Grass
Index	index	Index	Index
+\$108	+\$104	+\$115	+\$104



Emperor grandson with great calving ease and carcase.

Purchaser:.....

LOT 71

MURDEDUKE KRAKATOA N485 sv AMFU NHFU CAFU DDFU

Tattoo: MS N485 (T&F)

HBR

Society Ident: CSWN485 MATAURI REALITY 839

RENNYLEA EDMUND E11

Calved: 18/09/2017

Sire: NJWK92 MILWILLAH KRAKATOA K92

CSWK261 MURDEDUKE JEDDA K261

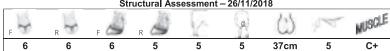
MILWILLAH BARUNAH H224 MURDEDUKE JEDDA F255

February 2019 Angus Australia BREEDPLAN

y empositor	(kg) (cm) (Days) (kg) (sq cm) (mm) (mm) Yield (%) (kg/day)	Size (cm)	(kg) (kg)	Day Wt Cov (kg) (F	Day Wt (kg)	Day Wt (kg)	Weight (kg)	Lgth (Days)	Ease Dtrs	Ease Direct	Angus
EBV	+12 +2.5 -3.7 +61 +9.6 +0.8 -0.6 +0.6 +3.2 +0.46	+2.5	+104 +12	+103 +1	+80	+45	+4.5	-6.0	+1.9	+3.0	EBV
ACC	53% 71% 40% 58% 59% 60% 60% 55% 57% 49%	71%	60% 53%	65% 60	68%	68%	73%	69%	40%	47%	ACC

Traits Observed: BWT,200WT,400WT(x2),SS,FAT,EMA,IMF,DOC Structural Assessment - 26/11/2018

	\$ Index	values	
Angus	Domestic	Heavy	Heavy
Breeding	Index	Grain	Grass
Index	Index	Index	Index
+\$126	+\$117	+\$145	+\$118



Double cross of calving ease, positive fat and top 5% EMA and IMF

MURDEDUKE UPWARD N223 # **LOT 72**

HBR Tattoo: MS N223 (T&F) Calved: 3/08/2017

Society Ident: CSWN223 CONNEALY ONWARD

AMFU NHFU CAFU DDFU

MILWILLAH GATSBY G279

Dam: CSWK28 MURDEDUKE JEDDA K28

Sire: USA14963730 SITZ UPWARD 307R SITZ HENRIETTA PRIDE 81M

MURDEDUKE H4

February 2019 Angus Australia BREEDPLAN

Amous	Calving Ease Direct	Calving Ease Dtrs	Gest Lgth (Days)	Birth Weight (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mature Cow Wt (kg)	Milk (kg)	Scrotal Size (cm)	Days to Calving (Days)	Carcase Weight (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	Retail Beef Yield (%)	IMF (%)	NFI-F (kg/day)	Docility (%)
EBV	+0.3	+0.8	-4.7	+3.3	+52	+91	+113	+85	+22	+1.6	-4.9	+72	+6.6	-0.2	-1.0	+1.5	+1.4	+0.03	-9
ACC	56%	51%	85%	74%	69%	70%	67%	64%	62%	73%	47%	62%	63%	64%	64%	61%	61%	55%	58%

Traits Observed: GL,CE,BWT,200WT,400WT(x2),SS,FAT,EMA,IMF,DOC

			Traits C
	\$ Index	Values	
Angus	Domostic	Heavy	Heavy
Breeding	Domestic Index	Grain	Grass
Index	muex	Index	Index
+\$120	+\$119	+\$121	+\$120

				-	-6-3			
1	R 😽		R 🗳	1		(2)	100	MUSCLE
		Str	uctural As	sessment	- 26/11/20)18		

Will add structure whilst providing calving ease

Purchaser:....





LOT 73

MURDEDUKE WESTERN EXPRESS N421

Society Ident: CSWN421

AMFU NHFU CAFU DDFU

Tattoo: MS N421 (T&F)

Calved: 8/09/2017

BANGADANG WESTERN EXPRESS E10 Sire: DXTJ606 TEXAS WESTERN EXPRESS J606

TC ABERDEEN 759 Dam: CSWH20 MURDEDUKE H20 MURDEDUKE JEDDA F63

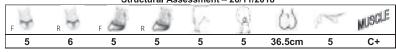
TEXAS TOQUE D035

							1 001 44	19 2010	, uigao	, taoti aii	u Dive	D1							
Arron	Calving Ease Direct	Calving Ease Dtrs	Gest Lgth (Days)	Birth Weight (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mature Cow Wt (kg)	Mi l k (kg)	Scrotal Size (cm)	Days to Calving (Days)	Carcase Weight (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	Retail Beef Yield (%)	IMF (%)	NFI-F (kg/day)	Docility (%)
EBV	+1.3	+0.6	-5.2	+5.2	+49	+83	+112	+111	+14	+0.8	-2.6	+69	+8.5	-0.3	-1.6	+1.3	+0.8	+0.06	+11
ACC	45%	37%	62%	74%	69%	70%	67%	61%	53%	72%	37%	58%	59%	60%	61%	56%	56%	46%	61%

Traits Observed: BWT 200WT 400WT(x2) SS FAT FMA IMF DOC

Structural Assessment - 26/11/2018

	\$ index	vaiues	
Angus	Domestic	Heavy	Heavy
Breeding	Index	Grain	Grass
Index	muex	Index	Index
+\$104	+\$104	+\$99	+\$107



Suited to cow joinings where muscle and temperament are needed. Near perfect structure

LOT 74

MURDEDUKE HERO N279

HBR

HBR

Calved: 10/09/2017

Society Ident: CSWN279

AMFU NHFU CAFU DDFU

Tattoo: MS N279 (T&F)

Calved: 9/08/2017

COONAMBLE ELEVATOR E11

R/M IRONSTONE 4047

Sire: WDCH176 COONAMBLE H176 COONAMBLE D94

CSWG266 MURDEDUKE JEDDA G266

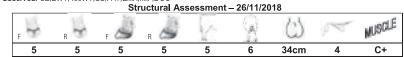
MURDEDUKE JEDDA A77

February 2019 Angus Australia BREEDPLAN

							1 CDI GG	. , _ 0 10 /	miguo.	rastian	u Dite	D1							
Amons	Calving Ease Direct	Calving Ease Dtrs	Gest Lgth (Days)	Birth Weight (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mature Cow Wt (kg)	Milk (kg)	Scrotal Size (cm)	Days to Calving (Days)	Carcase Weight (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	Retail Beef Yield (%)	IMF (%)	NFI-F (kg/day)	Docility (%)
EBV	-4.9	-1.1	-1.9	+5.6	+48	+79	+109	+114	+14	+1.5	-2.0	+55	+5.3	-0.6	-0.4	+1.0	+1.0	+0.12	+3
ACC	46%	37%	68%	74%	66%	68%	65%	60%	52%	69%	36%	57%	57%	58%	58%	54%	54%	45%	56%
	Traits Observed: CE,BWT,400WT,SS,FAT,EMA,IMF,DOC																		

\$ Index Values

ψ In ασχ	Talaco			
Domestic	Heavy	Heavy		
Index	Grain	Grass		
muex	Index	Index		
+\$87	+\$78	+\$89		



Suited to cow joinings. Great Structure, 5s all round except hind view 6.

LOT 75

Angus Breeding Index +\$85

MURDEDUKE WESTERN EXPRESS N431

Society Ident: CSWN431

L T 598 BANDO 9074

BANGADANG WESTERN EXPRESS E10 Sire: DXTJ606 TEXAS WESTERN EXPRESS J606 **TEXAS TOQUE D035**

CSWH4 MURDEDUKE H4 MURDEDUKE JEDDA F276

February 2019 Angus Australia BREEDPLAN

Angus	Calving Ease Direct	Calving Ease Dtrs	Gest Lgth (Days)	Birth Weight (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mature Cow Wt (kg)	Mi l k (kg)	Scrotal Size (cm)	Days to Calving (Days)	Carcase Weight (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	Retail Beef Yield (%)	IMF (%)	NFI-F (kg/day)	Docility (%)
EBV	+2.3	+2.2	-6.3	+3.5	+43	+79	+103	+101	+15	+1.0	-5.2	+66	+3.7	-1.0	-1.2	+1.0	+0.7	+0.21	+18
ACC	45%	37%	62%	73%	68%	69%	66%	60%	53%	71%	39%	58%	59%	60%	60%	55%	55%	46%	57%
T 1/- 01																			

\$ Index Values

Heavy Heavy Domestic Grain Grass Index Index +\$105 +\$100 +\$105

	Structural Assessment – 26/11/2018											
1	R	3	R 🗳	8	9	(1)	00	MUSCLE				
6	6	6	5	4	5	35.5cm	5	C+				

Will add docility and feed efficiency

LOT 76

Angus

Breeding

Index

+\$104

MURDEDUKE COMPLEMENT N290

HBR

Society Ident: CSWN290

AMFU NHFU CAFU DDFU

Tattoo: MS N290 (T&F)

Calved: 10/08/2017

BASIN FRANCHISE P142 Sire: USA16198796 EF COMPLEMENT 8088

RENNYLEA EDMUND E11 CSWK304 MURDEDUKE K304 MURDEDUKE BARUNAH C191

EF EVERELDA ENTENSE 6117 February 2019 Angus Australia BREEDPL AN

								.,			~ -: \-	,							
Argas	Calving Ease Direct	Calving Ease Dtrs	Gest Lgth (Days)	Birth Weight (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mature Cow Wt (kg)	Mi l k (kg)	Scrotal Size (cm)	Days to Calving (Days)	Carcase Weight (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	Retail Beef Yield (%)	IMF (%)	NF I- F (kg/day)	Docility (%)
EBV	+3.4	+2.5	-6.8	+2.9	+46	+86	+111	+91	+17	+1.1	-6.4	+71	+8.1	+1.5	+0.5	+0.2	+2.2	+0.73	+8
ACC	58%	54%	69%	75%	71%	72%	69%	66%	63%	74%	46%	65%	64%	66%	65%	62%	63%	57%	64%

¢ Indau Valua

Traits Observed: BWT,200WT,400WT(x2),SS,FAT,EMA,IMF,DOC

\$ index values										
Angus	Domestic	Heavy	Heavy							
Breeding	Index	Grain	Grass							
Index	muex	Index	Index							
+\$134	+\$121	+\$143	+\$128							

		Sti	uctural Ass	sessment	- 26/11/2	018		
F B	R 😽		R 🎒	1	9	(2)	NO	MUSCLE
5	5	5	6	5	5	38.5cm	4	C+

Will provide calving ease, shape, carcase and doing ability.



MURDEDUKE KRAKATOA N235 LOT 77

Society Ident: CSWN235 AMFU NHFU CAFU DDFU Calved: 4/08/2017 Tattoo: MS N235 (T&F)

MATAURI REALITY 839

Sire: NJWK92 MILWILLAH KRAKATOA K92

MILWILLAH BARUNAH H224

TE MANIA EMPEROR E343 Dam: CSWL327 MURDEDUKE JEDDA L327

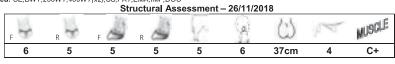
MURDEDUKE H213

February 2019 Angus Australia BREEDPLAN

							rebiua	19 2019	Allyus	Australi	a DKLL	DELAN							
Anon	Calving Ease Direct	Calving Ease Dtrs	Gest Lgth (Days)	Birth Weight (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mature Cow Wt (kg)	Mi l k (kg)	Scrotal Size (cm)	Days to Calving (Days)	Carcase Weight (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	Retail Beef Yield (%)	IMF (%)	NFI-F (kg/day)	Docility (%)
EBV	+2.7	+2.0	-7.0	+4.3	+45	+80	+101	+114	+10	+1.8	-3.2	+58	+6.6	+0.6	+0.2	-0.5	+3.3	+0.01	+1
ACC	47%	40%	67%	73%	68%	69%	66%	60%	53%	71%	40%	58%	59%	60%	60%	55%	57%	49%	55%

Traits Observed: CE,BWT,200WT,400WT(x2),SS,FAT,EMA,IMF,DOC

	\$ Index Values									
Ar	ngus	Domestic	Heavy	Heavy						
Bre	eding	Index	Grain	Grass						
In	idex	muex	Index	Index						
+9	S114	+\$108	+\$130	+\$107						



Another Krakatoa Emperor cross who gives calving ease, doing ability and carcase.

MURDEDUKE KICKING N493 PV **LOT 78**

HBR Calved: 21/09/2017

Society Ident: CSWN493 AMFU NHFU CAFU DDFU

> TE MANIA EMPEROR E343 Sire: CSWK428 MURDEDUKE KICKING K428

MURDEDUKE E175

Tattoo: MS N493 (T&F)

LAWSONS GENERAL G1730

Dam: CSWK331 MURDEDUKE JEDDA K331

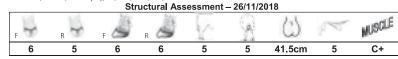
MURDEDUKE H208

February 2019 Angus Australia BREEDPLAN

Amoun	Calving Ease Direct	Calving Ease Dtrs	Gest Lgth (Days)	Birth Weight (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mature Cow Wt (kg)	Mi l k (kg)	Scrotal Size (cm)	Days to Calving (Days)		EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	Retail Beef Yield (%)	IMF (%)	NFI-F (kg/day)	Docility (%)
EBV	-3.4	-0.6	-2.9	+4.8	+46	+89	+117	+106	+18	+3.4	-6.2	+68	+5.8	+0.5	-0.3	+1.5	+1.1	+0.32	+1

Traits Observed: BWT,200WT,400WT(x2),SS,FAT,EMA,IMF,DOC

\$ Index Values										
Angus	Domestic	Heavy	Heavy							
Breeding	Index	Grain	Grass							
Index	muex	Index	Index							
+\$118	+\$109	+\$122	+\$115							



Balanced EBVs and Fertility

LOT 79 MURDEDUKE REALITY N3 #

HBR Calved: 3/07/2017

Society Ident: CSWN3 AMFU NHFU CAFU DDFU SCHURRTOP REALITY X723

Sire: NZE14647008839 MATAURI REALITY 839

MATAURI 06663

Tattoo: MS N3 (T&F)

TE MANIA EMPEROR E343 Dam: CSWL19 MURDEDUKE JEDDA L19

MURDEDUKE JEDDA J372

February 2019 Angus Australia BREEDPLAN

							I CDI UA	19 2013	Aligus	Austran	a DIVLL	DILAN							
Angus	Calving Ease Direct	Calving Ease Dtrs	Gest Lgth (Days)	Birth Weight (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mature Cow Wt (kg)	Mi l k (kg)	Scrotal Size (cm)	Days to Calving (Days)	Carcase Weight (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	Retail Beef Yield (%)	IMF (%)	NFI-F (kg/day)	Docility (%)
EBV	+5.5	+4.5	-12.2	+3.0	+47	+89	+115	+111	+10	+3.3	-7.4	+63	+4.3	+3.4	+2.0	-1.2	+2.8	+0.48	+7
ACC	58%	55%	85%	74%	69%	70%	69%	65%	62%	73%	51%	63%	63%	64%	65%	61%	62%	56%	60%

Traits Observed: GL,CE,BWT,200WT,400WT(x2),SS,FAT,EMA,IMF,DOC

\$ Index Values									
Angus	Domestic	Heavy	Heavy						
Breeding	Index	Grain	Grass						
Index	muex	Index	Index						
+\$138	+\$120	+\$153	+\$129						

		St	ructural Ass	sessment	<u> </u>	018		
F H	R	3	R 🍣	1		(1)	100	MUSCLE
6	6	6	6	6	5	41cm	3	C+

Calving ease bull with plenty of carcase and doing ability.

Purchaser: \$.....

MURDEDUKE COMPLEMENT N182 LOT 80 HBR

Society Ident: CSWN182 AMFU NHFU CAFU DDFU Tattoo: MS N182 (T&F)

Calved: 1/08/2017

BASIN FRANCHISE P142 Sire: USA16198796 EF COMPLEMENT 8088

HF TIGER 5T Dam: CSWH257 MURDEDUKE H257 MURDEDUKE MITTAGONG D9

EF EVERELDA ENTENSE 6117

February 2019 Angus Australia BREEDPLAN

							i Chiua	19 2010	Aligus	Austraji	a DIVEL	DILAN							
Ampre	Calving Ease Direct	Calving Ease Dtrs	Gest Lgth (Days)	Birth Weight (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mature Cow Wt (kg)	Mi l k (kg)	Scrotal Size (cm)	Days to Calving (Days)	Carcase Weight (kg)	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	Retail Beef Yield (%)	IMF (%)	NF I- F (kg/day)	Docility (%)
EBV	+1.8	+2.3	-6.1	+4.2	+54	+99	+129	+108	+18	+1.7	-5.5	+72	+5.6	-0.1	+0.7	+0.5	+1.0	+0.16	+3
ACC	56%	51%	66%	72%	68%	68%	67%	64%	61%	70%	41%	61%	60%	62%	61%	58%	59%	52%	59%

Traits Observed: BWT,200WT,400WT(x2),SS,FAT,EMA,IMF,DOC

	\$ Index Values						St	ructural As:	sessment	- 26/11/2	018		
Angus Breeding Index	Domestic Index	Heavy Grain Index	Heavy Grass Index		F	R 😽	F	R 🔊	8	9	(2)	100	MUSCLE
+\$131	+\$122	+\$131	+\$131		6	5	5	5	5	5	37.5cm	5	C+

A great bull to finish on, suits heifer and cow joinings alike, will add shape, growth and calving ease.

Purchaser:....



MURDEDUKE ANGUS



Simon Falkiner Lachie Wilson





UNDERSTANDING ANGUS BREEDPLAN EBVs

What is Angus BREEDPLAN?

Angus BREEDPLAN is the genetic evaluation program adopted by Angus Australia for Angus and Angus influenced beef cattle. Angus BREEDPLAN uses Best Linear Unbiased Prediction (BLUP) technology to produce Estimated Breeding Values (EBVs) of recorded cattle for a range of important production traits (e.g. weight, carcase, fertility).

Angus BREEDPLAN includes pedigree, performance and genomic information from the Angus Australia and New Zealand Angus Association databases to evaluate the genetics of animals across Australia and New Zealand.

Angus BREEDPLAN analyses are conducted by the Agricultural Business Research Institute (ABRI), using software developed by the Animal Genetics and Breeding Unit (AGBU), a joint institute of NSW Agriculture and the University of New England. Ongoing BREEDPLAN research and development is supported by Meat and Livestock Australia.

What is an EBV?

An animal's breeding value can be defined as its genetic merit for each trait. While it is not possible to determine an animal's true breeding value, it is possible to estimate it. These estimates of an animal's true breeding value are called EBVs (Estimated Breeding Values).

Using EBVs to Compare the Genetics of Two Animals

Angus BREEDPLAN EBVs can be used to estimate the expected difference in the genetics of two animals, with the expected difference equating to half the difference in the EBVs of the animals, all other things being equal (e.g. they are joined to the same animal/s).

For example, a bull with a 200 Day Growth EBV of +60 would be expected to produce progeny that are, on average, 10 kg heavier at 200 days of age than a bull with a 200 Day Growth EBV of +40 kg (i.e. 20 kg difference between the sire's EBVs, then halved as the sire only contributes half the genetics).

Or similarly, a bull with an IMF EBV of +3.0 would be expected to produce progeny with on average, 1% more intramuscular fat in a 400 kg carcase than a bull with a IMF EBV of +1.0 (i.e. 2% difference between the sire's EBVs, then halved as the sire only contributes half the genetics).

Using EBVs to Benchmark an Animal's Genetics with the Breed

EBVs can also be used to benchmark an animal's genetics relative to the genetics of other Angus or Angus infused animals in Australia and New Zealand.

To benchmark an animal's genetics relative to other Angus animals, an animal's EBV can be compared to:

- ◆ the breed average EBV
- ◆ the percentile table

The current breed average EBV and percentile table is provided in these explanatory notes.

Considering Accuracy

An accuracy value is published in association with each EBV, which is usually displayed as a percentage value immediately below the EBV.

The accuracy value provides an indication of the reliability of the EBV in estimating the animal's genetics (or true breeding value), and is an indication of the amount of information that has been used in the calculation of the EBV.

EBVs with accuracy values below 50% should be considered as preliminary or of low accuracy, 50- 74% as of medium accuracy, 75-90% of medium to high accuracy, and 90% or greater as high accuracy.

Description of Angus BREEDPLAN EBVs

EBVs are calculated for a range of traits within Angus BREEDPLAN, covering calving ease, growth, fertility, maternal performance, carcase merit, feed efficiency and structural soundness. A description of each EBV included in this sale catalogue is provided on the following pages.





		BIRTH	
Calving Ease Direct	(%)	Genetic differences in the ability of a sire's calves to be born unassisted from 2 year old heifers.	Higher EBVs indicate fewer calving difficulties in 2 year old heifers.
Calving Ease Daughters	(%)	Genetic differences in the ability of a sire's daughters to calve unassisted at 2 years of age.	Higher EBVs indicate fewer calving difficulties in 2 year old heifers.
Gestation Length	days	Genetic differences between animals in the length of time from the date of conception to the birth of the calf.	Lower EBVs indicate shorter gestation length.
Birth Weight	kg	Genetic differences between animals in calf weight at birth.	Lower EBVs indicate lighter birth weight.
		GROWTH	
200 Day Growth	kg	Genetic differences between animals in live weight at 200 days of age due to genetics for growth.	Higher EBVs indicate heavier live weight.
400 Day Weight	kg	Genetic differences between animals in live weight at 400 days of age.	Higher EBVs indicate heavier live weight.
600 Day Weight	kg	Genetic differences between animals in live weight at 600 days of age.	Higher EBVs indicate heavier live weight.
Mature Cow Weight	kg	Genetic differences between animals in live weight of cows at 5 years of age.	Higher EBVs indicate heavier mature weight.
Milk	kg	Genetic differences between animals in live weight at 200 days of age due to the maternal contribution of its dam.	Higher EBVs indicate heavier live weight.
		FERTILITY	
Days to Calving	days	Genetic differences between animals in the time from the start of the joining period (i.e. when the female is introduced to a bull) until subsequent calving.	Lower EBVs indicate shorter time to calving.
Scrotal Size	cm	Genetic differences between animals in scrotal circumference at 400 days of age.	Higher EBVs indicate larger scrotal circumference.
		CARCASE	
Carcase Weight	kg	Genetic differences between animals in hot standard carcase weight at 750 days of age.	Higher EBVs indicate heavier carcase weight.
Eye Muscle Area	cm ²	Genetic differences between animals in eye muscle area at the 12/13th rib site in a 400 kg carcase.	Higher EBVs indicate larger eye muscle area.
Rib Fat	mm	Genetic differences between animals in fat depth at the 12/13th rib site in a 400 kg carcase.	Higher EBVs indicate more fat.
Rump Fat	mm	Genetic differences between animals in fat depth at the P8 rump site in a 400 kg carcase.	Higher EBVs indicate more fat.
Retail Beef Yield	%	Genetic differences between animals in boned out saleable meat from a 400 kg carcase.	Higher EBVs indicate higher yield.
Intramuscular Fat	%	Genetic differences between animals in intramuscular fat (marbling) at the 12/13th rib site in a 400 kg carcase.	Higher EBVs indicate more intramuscular fat.





		FEED EFFICIENCY	
Net Feed Intake (Feedlot)	kg/day	Genetic differences between animals in feed intake at a standard weight and rate of weight gain when animals are in a feedlot finishing phase.	Lower EBVs indicate more feed efficiency.
		TEMPERAMENT	
Docility	%	Genetic differences between animals in temperament.	Higher EBVs indicate better temperament.
		STRUCTURE	
Front Feet Angle	%	Genetic differences between animals in desirable front feet angle (strength of pastern, depth of heel).	Higher EBVs indicate more desirable structure.
Front Feet Claw Set	%	Genetic differences between animals in desirable front feet claw set structure (shape and evenness of claw).	Higher EBVs indicate more desirable structure.
Rear Feet Angle	%	Genetic differences between animals in desirable rear feet angle (strength of pastern, depth of heel).	Higher EBVs indicate more desirable structure.
Rear Leg Hind View	%	Genetic differences between animals in desirable rear leg structure when viewed from behind.	Higher EBVs indicate more desirable structure.
Rear Leg Side View	%	Genetic differences between animals in desirable rear leg structure when viewed from the side.	Higher EBVs indicate more desirable structure.
		SELECTION INDEXES	
Angus Breeding Index		Genetic differences between animals in net profitability per cow joined in a typical commercial self replacing herd using Angus bulls. This selection index is not specific to a particular production system or market end-point, but identifies animals that will improve overall profitability in the majority of commercial grass and grain finishing beef production systems.	Higher selection index values indicate greater profitability.
Domestic Index		Genetic differences between animals in net profitability per cow joined in a commercial self replacing herd targeting the domestic supermarket trade.	Higher selection index values indicate greater profitability.
Heavy Grain Index	·	Genetic differences between animals in net profitability per cow joined in a commercial self replacing herd targeting pasture grown steers with a 200 day feedlot finishing period for the grain fed high quality, highly marbled markets.	Higher selection index values indicate greater profitability.
Heavy Grass Index		Genetic differences between animals in net profitability per cow joined in a commercial self replacing herd targeting pasture finished steers.	Higher selection index values indicate greater profitability.

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BEEFCLASS STRUCTURAL ASSESSMENT



How to use:

The Beef Class Structural Assessment System uses a 1-9 scoring system for feet and leg structure:

- A score of 5 is ideal
- 4 and 6 show slight variation from ideal, but this includes most animals. Any animal scoring 4 and 6 would be acceptable in any breeding program
- 3 and 7 shows greater variation, but would be acceptable in most commercial breeding programs, however seedstock producers should be wary
- 2 and 8 are low scoring animals and should be looked at carefully before purchasing

A 1-5 scoring system is used for sheath attachment. For feet and leg assessment, animals need to be on a hard, flat and even surface where animal can move/stand naturally.

Traits:

	Scoring	g Description
	Range	
Front Feet Claw Set	1 - 9	1 - open divergent; 5 - good; 9 - extreme scissor claw
Rear Feet Claw Set	1 - 9	1 - open divergent; 5 - good; 9 - extreme scissor claw



Reference: Shape (primarily curl) and evenness of the claw set.

Front Feet Angle	1 - 9	1 - steep (stubbed toe); 5 - good; 9 - shallow heel
Rear Feet Angle	1 - 9	1 - steep (stubbed toe); 5 - good; 9 - shallow heel

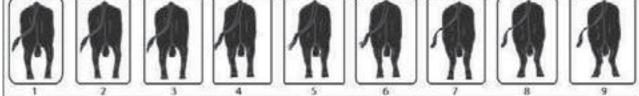


Reference: Strength of pastern, depth of heel and length of foot.

Rear Legs Side View 1 - straight (post legged); 5 - good; 9 - sickle hocked

Reference: Angle measured at the front of the hock.





Reference: Direction of the feet when viewed from the rear.



FEBRUARY 2019 ANGUS AUSTRALIA BREEDPLAN REFERENCE TABLES

												BRE	ED AV	ERAG	E EBV	S												
	Calving	alving Ease	Birth	rth			Growth			Fertility	ity			Carca	se			Other			Str	ucture			Se	ection Ir	sexep	
	CEDir	CEDtrs	GL	BW	CEDir CEDtrs GL BW 200 400 600	400	009	MCW	MCW Milk	SS	DTC	CWT	EMA	RIB	P8	RBY	IMF	NFI-F DOC	DOC	FA	FC	RA	ВН	RS	ABI	DOM (GRN	GRS
3rd Avg	+0.2	+0.4	-4.0	-4.0 +4.3	+45	+81	+106	+91 +15	+15	+1.8	4.2	+59	+5.1	+0.0	-0.2	+0.4	-1.7	+0.18	+4	0+	-	-5	-0.5	-0.3	+114	+109 +	+119	+112

^{*} Breed average represents the average EBV of all 2017 drop Angus and Angus influenced animals analysed in the February 2019 Angus Australia BREEDPLAN genetic evaluation.

	s	GRS	Greater Profitability	+144	+135	+130	+127	+124	+122	+120	+118	+116	+114	+113	_	+109	+107	+105	+103	+100	+67	+92	+85	+64	Lower Profitability
	ndexe	GRN	Greater Profitability	+181	+164	+155	+149	+143	+139	+135	+131	+127	+124	+120	+117	+113	+110	+106	+101	96+	+91	+83	+70	+33	Lower Profitability
	Selection Indexes	DOM	Greater Profitability	+135	+127	+123	+121	+119	+117	+115	+114	+112	+111	+109	+108	+106	+105	+103	+101	66+	+97	+93	+87	+72	Lower Profitability
	Ŏ	ABI	Greater Profitability	+156	+144	+138	+134	+130	+127	+125	+122	+120	+118	+115	+113	+11	+108	+105	+102	66+	+95	+89	+80	+53	Lower Profitability
		RS	More	9.0+	9.0+	9.0+	9.0+	+0.5	+0.5	+0.5	+0.4	+0.4	+0.3	+0.2	+0.1	0.0+	-0.1	0.3	-0.5	0.8	-1.2	-1.8	-2.7	-5.5	Sound
		퓬	More Sound	+3.9	+2.8	+2.6	+2.0	+1.6	+1.2	+0.8	9.0+	+0.4	+0.1	-0.1	-0.5	-0.8		-1.2	-1.6	-2.0	-2.7	3.8	-5.2	-9.0	Sound
	Structure	RA	More Sound	+14	+10	8	9+	42	4	+3	42	9	7	7	42	ကု	4	9-	-7	φ	÷	-15	-50	-58	Sound
	S	FC	More	+22	+17	+14	+12	+10	8+	+7	+2	‡	+2	Ŧ	Τ	က္	-ţ-	φ	Ę	-13	-16	-21	-26	-33	PunoS
		ΕA	More Sound	+21	+16	+13	-	+10	8+	+7	9+	45	,	+5	Ŧ	T	-5	4	-7	၀-	-13	-18	-56	-36	punos see7
	Other	DOC	More Docile	+31	+24	+19	+16	+14	+12	+10	8	+7	+5	4+	+3	Ŧ	0+	Ņ	ကု	ι'n	-7	-10	-13	-20	Less Docile
	ō	NFI-F	Greater Feed Efficiency	-0.47	-0.29	0.19	-0.12	90.0	-0.02	+0.03	+0.07	+0.11	+0.15	+0.18	+0.22	+0.26	+0.30	+0.34	+0.38	+0.45	+0.48	+0.55	+0.65	+0.88	Lower Feed Efficiency
		IMF	More IMF	+3.9	+3.3	+3.0	+2.7	+2.5	+2.3	+2.2	+2.1	+1.9	+1.8	+1.7	+1.6	+1.4	+1.3	+1.2	+1.0	+0.9	+0.7	+0.4	+0.1	-0.4	IWE Fess
ABLE		RBY	Higher Yield	+2.5	+1.9	+1.5	+1.3	-	+1.0	6.0+	+0.8	9.0+	+0.5	+0.4	+0.3	+0.2	+0.1	+0.0+	-0.1	-0.3	-0.4	9.0-	-1.0	-1.6	Lower Yield
IDS T	Carcase	P8	More Fat	+3.1	+2.0	+1.5	+1.2	+0.9	+0.7	+0.5	+0.3	+0.2	+0.0+	-0.2	0.3	-0.5	-0.7	0.8	-1.0	12	1.5	-1.8	2.4	3.4	Less Fat
ERCENTILE BANDS TABLE	Car	RIB	More Fat	+2.9	+2.0	+1.5	+1.2	+1.0	+0.8	+0.6	+0.4	+0.3	+0.1	+0.0	-0.2	-0.3	-0.4	9.0-	9.0-	-1.0	-1.2	-1.5	-1.9	-2.8	Less Fat
ENTIL		EMA	Larger EMA	+11.0	+8.9	+8.0	+7.4	+6.9	9.9+	+6.2	+5.9	+5.6	+5.3	+5.1	+4.8	+4.5	+4.2	+3.9	+3.6	+3.2	+2.8	+2.2	+1.5	0.0+	Smaller EMA
PERC		CWT	Heavier Sarcase Meight	+85	+77	+73	+71	69+	+67	99+	+64	+63	+62	09+	+59	+58	+56	+54	+52	+50	+47	+42	+36	+25	Lighter Carcase Weight
	Fertility	ртс	Shorter Time to Calving	6.8	-7.6	9.9	-6.3	5.9	5.6	5.3	5.0	4.8	4.5	4.3	4 1	3.8	3.5	3.3	3.0	-2.6	-2.2	1.6	9.0-	+1.4	Longer Time to Calving
	Fer	SS	Larger Scrotal Size	+3.8	+3.1	+2.8	+2.6	+2.4	+2.3	+2.2	+2.1	+2.0	+1.9	+1.8	+1.7	+1.6	+1.5	+1 4	+1.3	+1.2	+1.0	+0.8	+0.5	-0.1	Smaller Scrotal Size
		Milk	Heavier Live Weight	+25	+22	+20	+19	+19	+18	+17	+17	+16	+16	+15	+15	+14	+14	+13	+13	+12	+11	+10	6+	9+	Lighter Live Weight
		MCW	Heavier Mature Weight	+138	+123	+115	+110	+106	+103	+100	+98	+95	+93	+91	68+	+87	+84	+82	+79	+76	+72	+67	+59	+42	Lighter Mature Weight
	Growth	009	Heavier Live Weight	+144	+132	+126	+122	+119	+117	+114	+112	+110	+108	+106	+104	+102	+100	+98	+95	+93	+89	+84	+77	+61	Lighter Live Weight
		400	Heavier Live Weight	+109	+100	96+	+93	+91	+89	+87	98+	+84	+83	+82	+80	+79	+77	+76	+74	+72	69+	99+	+61	+50	Lighter Live Weight
		200	Heavier Live Weight	09+	+56	+53	+52	+20	+49	+48	+48	+47	+46	+45	+44	+43	+45	+41	+40	+39	+37	+35	+32	+25	Lighter Live Meight
	Birth	BW	Lighter Birth Weight	+0.5	+1.7	+2.3	+2.7	+3.0	+3.2	+3.5	+3.7	+3.9	+4.1	+4.3	+4.5	+4.7	+4.9	+5.1	+5.3	+5.6	+5.9	+6.3	+6.9	+8.1	Heavier
	ia B	GL	Shorter Gestation Length	-9.7	7.7	9.9	6.2	5.8	5.4	-5.1	4.8	-4.5	4.2	-4.0	3.7	3.5	3.2	-3.0	-2.7	2.3	-1.9	1.4	9.0-	+1.2	Longer Gestation Length
	Calving Ease	CEDtrs	Less Calving Difficulty	44.4	+3.4	+2.9	+2.5	+2.1	41.8	+1.5	+1.3	+1.0	+0.8	+0.5	+0.3	+0.0	-0.2	-0.5	6.0-	-1.2	-1.7	-2.3	-3.2	-5.1	More Calving Difficulty
		CEDir	Less Calving Difficulty	+5.0	+3.9	+3.2	+2.7	+2.3	+2.0	+1.7	+1.3	+1.0	+0.7	+0.4	+0.1	-0.2	-0.5	6.0-	-1.3	-1.8	-2.4	3.2	4.5	-7.3	More Calving Difficulty
	% Band			1%	2%	10%	15%	50%	72%	30%	35%	40%	45%	20%	%55	%09	%59	%02	%5/	%08	%58	%06	%56	%66	

* The percentile bands represent the distribution of EBVs across the 2017 drop Angus and Angus influenced animals analysed in the February 2019 Angus Australia BREEDPLAN genetic evaluation.





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