



37 BULLS



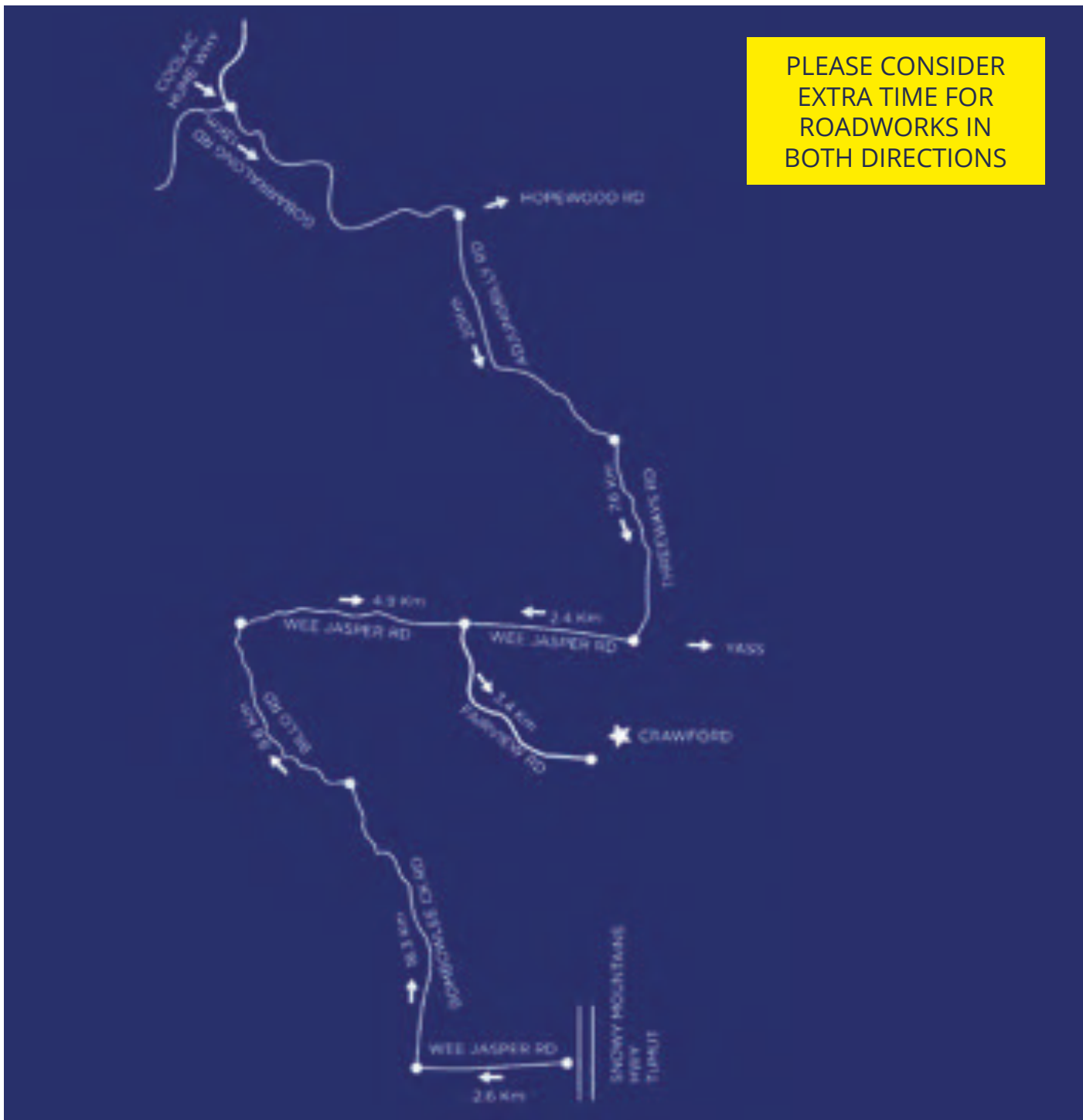
**CRAWFORD
ANGUS**

6TH ON PROPERTY SPRING SALE

FRIDAY 9TH SEPTEMBER 2022, 1PM

crawfordangus.com.au

DIRECTIONS



DIRECTIONS

Signage from both Tumut and Hume Hwy (Coolac) will be apparent on sale day.

From Hume Hwy (Coolac):

On Highway at Coolac take exit at Adjungbilly/Pettit sign onto Gobarralong road follow for 13km, take right turn onto Adjungbilly road follow for 20km, when you come to fork veer right onto Threeways road follow for 7.6km at T intersection turn right onto wee jasper road follow for 2.4km then take left turn onto Fairview road, Crawford is 3.4km on left (approx. time from Hwy 40mins). Note last 5km is unsealed.

From Tumut:

Coming from Adelong to Tumut on Snowy Mountains Hwy turn left onto wee jasper road (just past River glade caravan park) follow for 2.6km then turn right onto Bombowlee creek Road travel for 18.3km then turn left onto Billaloola Road (billo Rd) follow for 9.6km then turn right at Wee Jasper sign and follow for 4.9km then it's a right turn onto Fairview road, Crawford is 3.4km on left. (approx. time from Tumut 30mins). Note last 7km is unsealed.

CRAWFORD ANGUS ON PROPERTY AUTUMN SALE

OFFERING 37 ANGUS BULLS FRIDAY 9TH SEPTEMBER 2022

Sale commences at 1pm, on property
"Crawford" 345 Fairview Rd, Tumorrana, NSW

Inspections from 10:30am

For information on the bulls, please contact:

LUKE GRAHAM

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MARK GRAHAM

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Tim McKean: 0429 669 049

Joe Wilks: 0408 681 863



PLEASE BRING THIS CATALOGUE TO THE SALE

WELCOME



WELCOME TO OUR 6TH ANNUAL SPRING SALE

What an amazing two years the beef industry has seen with the abundance of rain this winter lets hope it shapes up nicely for a good start to spring.

Here at Crawford, we aim to breed highly profitable cattle that are well muscled, good structured fertile animals with carcass attributes.

All cattle are grazed with sheep under foot in a commercially family run operation.

We are proud to offer the first sons of the high-priced Intensity P604, this sire is in the top 1% for calving ease, top 4% for birth weight making him a suitable heifer option, he is also in the top 7% for milk and has high marbling in top 15% of the breed, 13 sons sell.

This will be the last year Texas Kelvin Kline K542 sons will be offered, his sons topped the 2019 sale and a son in the 2020 sale went on to stud duties.

All bulls have been sire verified, tested pestivirus negative, vaccinated, drenched and vet checked.

We extend a warm welcome to all visitors to see this group of bulls, our open day is Tuesday 30th August from 11am to 3pm.

We look forward to meeting up with you on sale day.

Regards

Luke Graham.

SALE INFORMATION

▶ **INSPECTIONS**

Bulls will be yarded at Crawford and available for inspection from 10.30am on sale day, or any time prior to the sale by making arrangements with Luke, Mark or Adam.

▶ **REBATE**

A rebate of 4% of the purchase price is available to registered livestock agents who either attend the sale with or on behalf of their client or who introduce their client in writing prior to the sale. In each case to be eligible for the rebate the agent must settle on their client's behalf within the trading terms of the settling agent. To qualify for this rebate, they must introduce the client in writing to the vendor at email luke77crawford@outlook.com.

▶ **REFRESHMENTS**

Morning tea and lunch will be served in accordance with COVID-19 regulations at the time of sale. It will be complimentary on behalf of Crawford Angus. Toilets are available at sale site near shearers quarters.

▶ **REGISTRATION & TRANSFER**

Please register at the sale office in the wool shed on sale day. Stud bulls will be transferred on request.

▶ **BIDDER/BUYING SYSTEM**

The bidding/buyer number system will be used on sale day. All bulls are sold GST exclusive.

▶ **BULL FERTILITY**

All bulls have undergone a bull breeding soundness examination (VBBSE) involving: Structural soundness Testicle palpation and measurement (scrotal size) Physical examination of internal and external genitalia, vaccination against vibriosis, leptospirosis and pestivirus. All bulls have received a double vaccination.

▶ **BVDV PI TESTING**

All bulls have been tested negative by DNA testing for BVDV (pestivirus).

▶ **DELIVERY**

Crawford will deliver bulls free of charge within a 200km radius – either by Crawford directly or by a small group of operators we trust to look after your bull.

▶ **INSURANCE**

We recommend that you insure your new bull. Please see agents at the sale.

▶ **OCCUPATIONAL HEALTH & SAFETY**

All persons entering bull pens and cattle yards at Crawford sale complex must do so at own risk. Please NO CHILDREN allowed in bull pens and lane way to the pens.

▶ **MOBILE PHONE SERVICE**

No mobile phone service is received at the Crawford Angus Sale site.

▶ **VIDEOS**

Bulls will be videoed by Ben Hooper from Clear Vision Imaging in mid-August. These will be available on AuctionsPlus and our website.



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UNDERSTANDING TACE

UNDERSTANDING THE TRANSTASMAN ANGUS CATTLE EVALUATION (TACE)

What is the TransTasman Angus Cattle Evaluation?

The TransTasman Angus Cattle Evaluation (TACE) is the genetic evaluation program adopted by Angus Australia for Angus and Angus infused beef cattle. TACE 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, carcass, fertility). TACE 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. TACE analyses are conducted by the Agricultural Business Research Institute (ABRI), using beef genetic evaluation software developed by the Animal Genetics and Breeding Unit (AGBU), a joint institute of NSW Agriculture and the University of New England, and Meat and Livestock Australia Limited (MLA).

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).

EBVs are expressed as the difference between an individual animal's genetics and a historical genetic level (i.e. group of animals) within the TACE genetic evaluation, and are reported in the units in which the measurements are taken.

Using EBVs to Compare the Genetics of Two Animals

TACE 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 carcass 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 EBV reference tables, which provide:

- the breed average EBV
- the percentile bands table

The current breed average EBV is listed on the bottom of each page in this publication, while the current EBV reference tables are included at the end of these introductory notes.

For easy reference, the percentile band in which an animal's EBV ranks is also published in association with the EBV.

Considering Accuracy

An accuracy value is published with each EBV, and 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 TACE EBVs

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

UNDERSTANDING EBVS

Birth	CEDir	%	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.
	CEDtrs	%	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.
	GL	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.
	BW	kg	Genetic differences between animals in calf weight at birth.	Lower EBVs indicate lighter birth weight.
Growth	200 Day	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	kg	Genetic differences between animals in live weight at 400 days of age.	Higher EBVs indicate heavier live weight.
	600 Day	kg	Genetic differences between animals in live weight at 600 days of age.	Higher EBVs indicate heavier live weight.
	MCW	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	DtC	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.
	SS	cm	Genetic differences between animals in scrotal circumference at 400 days of age.	Higher EBVs indicate larger scrotal circumference.
Carcase	CWT	kg	Genetic differences between animals in hot standard carcase weight at 750 days of age.	Higher EBVs indicate heavier carcase weight.
	EMA	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.
	P8 Fat	mm	Genetic differences between animals in fat depth at the P8 rump site in a 400 kg carcase.	Higher EBVs indicate more fat.
	RBV	%	Genetic differences between animals in boned out saleable meat from a 400 kg carcase.	Higher EBVs indicate higher yield.
	IMF	%	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.
Other	NFI-F	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.
	Doc	%	Genetic differences between animals in temperament.	Higher EBVs indicate better temperament.
Structure	Foot Angle	score	Genetic differences in foot angle (strength of pastern, depth of heel).	Lower EBVs indicate more desirable foot angle.
	Claw Set	score	Genetic differences in claw set structure (shape and evenness of claws).	Lower EBVs indicate more desirable claw structure.
Selection Index	ABI	\$	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.
	DOM	\$	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.
	HGRN	\$	Genetic differences between animals in net profitability per cow joined in a commercial self replacing herd targeting pasture grown steers with a 250 day feedlot finishing period for the grain fed high quality, highly marbled markets.	Higher selection index values indicate greater profitability.
	HGRS	\$	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.

REFERENCE SIREs

Reference Sire **LAWSONS MOMENTOUS M518^{PV}** **VLYM518**

Date of Birth: 30/06/2016 **Register:** HBR **Mating Type:** AI **AMF,CAF,DDF,NHF,DWF,MAF,MHF,OHF,RGF**
SIRE: USA17354145 **G A R MOMENTUM^{PV}** **DAM:** VLYH229 **LAWSONS AFRICA H229^{SV}**
G A R PROGRESS^{SV} **TE MANIA AFRICA A217^{PV}**
G A R BIG EYE 1770[#] **LAWSONS ROCKND AMBUSH E1103^{PV}**

TACE	August 2022 TransTasman Angus Cattle Evaluation																				
	Dir	Dtrs	GL	BWT	200D	400D	600D	MCW	Milk	SS	D t C	CWT	EMA	Rib	P8	RBV	IMF	NFI-F	Doc	Angle	Claw
EBVs	-3.4	-7.9	-5.8	+4.0	+52	+97	+116	+84	+29	+2.7	-2.5	+63	+13.1	-1.0	-0.7	+0.3	+5.0	+0.66	+27	+0.88	+0.90
Acc	94%	80%	99%	99%	99%	98%	98%	97%	95%	98%	63%	93%	90%	91%	89%	85%	89%	83%	98%	97%	97%

Traits Observed: GL,BWT,200WT(x2),400WT(x2),600WT,Scan(EMA,Rib,Rump,IMF),Genomics

Statistics: Number of Herds: 86, Prog Analysed: 3755, Genomic Prog: 271

Selection Indexes	
\$A	\$A-L
\$230	\$344

Reference Sire **MILWILLAH REALITY M96^{SV}** **NJWM96**

Date of Birth: 18/06/2016 **Register:** HBR **Mating Type:** Natural **AMFU,CAFU,DDFU,NHFU**
SIRE: NJWK12 **MILWILLAH REALITY K12^{PV}** **DAM:** NJWK310 **MILWILLAH MOONGARA K310[#]**
MATAURI REALITY 839[#] **TE MANIA GASKIN G555^{SV}**
MILWILLAH BARUNAH H8^{SV} **MILWILLAH MOONGARA G286[#]**

TACE	August 2022 TransTasman Angus Cattle Evaluation																				
	Dir	Dtrs	GL	BWT	200D	400D	600D	MCW	Milk	SS	D t C	CWT	EMA	Rib	P8	RBV	IMF	NFI-F	Doc	Angle	Claw
EBVs	+7.1	+3.5	-10.0	+3.3	+48	+85	+121	+104	+17	+2.2	-3.5	+64	+2.6	+1.7	+1.4	-1.2	+3.1	+0.48	-	+0.82	+0.50
Acc	61%	52%	70%	80%	82%	83%	79%	74%	67%	80%	45%	73%	71%	76%	73%	71%	71%	59%	-	74%	73%

Traits Observed: BWT,200WT,400WT(x2),600WT,Scan(EMA,Rib,Rump,IMF),Structure(Claw Set x 1, Foot Angle x 1),Genomics

Statistics: Number of Herds: 1, Prog Analysed: 27, Genomic Prog: 0

Selection Indexes	
\$A	\$A-L
\$196	\$349

Reference Sire **RENNYLEA L519^{PV}** **NORL519**

Date of Birth: 20/08/2015 **Register:** HBR **Mating Type:** ET **AMF,CAF,DDF,NHF**
SIRE: USA17366506 **H P C A INTENSITY[#]** **DAM:** NORH414 **RENNYLEA H414^{SV}**
G A R INGENUITY[#] **TE MANIA BERKLEY B1^{PV}**
G A R PREDESTINED 287L[#] **RENNYLEA C310[#]**

TACE	August 2022 TransTasman Angus Cattle Evaluation																				
	Dir	Dtrs	GL	BWT	200D	400D	600D	MCW	Milk	SS	D t C	CWT	EMA	Rib	P8	RBV	IMF	NFI-F	Doc	Angle	Claw
EBVs	+4.6	+3.9	-8.2	+4.4	+56	+107	+141	+144	+18	+1.0	-6.9	+80	+7.8	+2.0	+2.0	-1.3	+3.9	+0.91	+24	+0.80	+0.50
Acc	93%	83%	99%	99%	98%	99%	98%	98%	96%	98%	68%	92%	91%	92%	91%	89%	90%	80%	99%	98%	98%

Traits Observed: BWT,200WT,400WT(x2),600WT,SC,Scan(EMA,Rib,Rump,IMF),DOC,Genomics

Statistics: Number of Herds: 51, Prog Analysed: 3200, Genomic Prog: 228

Selection Indexes	
\$A	\$A-L
\$224	\$426

Reference Sire **G A R ASHLAND^{PV}** **USA18217198**

Date of Birth: 31/01/2015 **Register:** HBR **Mating Type:** Natural **AMF,CAF,DDF,NHF**
SIRE: USA17354178 **G A R EARLY BIRD[#]** **DAM:** USA16934264 **CHAIR ROCK AMBUSH 1018[#]**
G A R DAYLIGHT[#] **B/R AMBUSH 28[#]**
G A R PROGRESS 830[#] **G A R YIELD GRADE N366[#]**

TACE	August 2022 TransTasman Angus Cattle Evaluation																				
	Dir	Dtrs	GL	BWT	200D	400D	600D	MCW	Milk	SS	D t C	CWT	EMA	Rib	P8	RBV	IMF	NFI-F	Doc	Angle	Claw
EBVs	+0.3	+6.8	-6.5	+3.5	+69	+118	+152	+119	+19	+1.4	-1.1	+82	+13.0	-2.2	-2.8	+2.6	+3.0	-0.17	-6	+1.10	+1.30
Acc	89%	65%	99%	99%	98%	98%	98%	92%	89%	98%	51%	89%	90%	90%	86%	85%	89%	71%	98%	99%	99%

Traits Observed: Genomics

Statistics: Number of Herds: 104, Prog Analysed: 2541, Genomic Prog: 24

Selection Indexes	
\$A	\$A-L
\$291	\$457

REFERENCE SIRES

Reference Sire **SPRYS-W FRANKLIN P555^{PV}** **LGSP555**

Date of Birth: 2/08/2018 Register: HBR Mating Type: ET AMFU,CAFU,DDFU,NHFU
 TC FRANKLIN 619[#] THE GRANGE WHEEL WRIGHT D6^{PV}
 SIRE: **NWPG188 WATTLETOP FRANKLIN G188^{SV}** DAM: **NKLG299 KANSAS TARIKU G299^{PV}**
 WATTLETOP BARUNAH E295^{DV} KANSAS TARIKU V94[#]

TACE	August 2022 TransTasman Angus Cattle Evaluation																				
	Dir	Dtrs	GL	BWT	200D	400D	600D	MCW	Milk	SS	D t C	CWT	EMA	Rib	P8	RBY	IMF	NFI-F	Doc	Angle	Claw
EBVs	-0.2	+4.5	-1.6	+5.4	+56	+98	+130	+101	+26	+2.3	-6.7	+69	+5.0	-1.0	-1.2	+1.0	+1.3	-0.70	-	+0.96	+0.72
Acc	64%	57%	72%	79%	82%	84%	80%	76%	70%	85%	50%	76%	76%	78%	77%	74%	73%	65%	-	78%	78%

Traits Observed: BWT,400WT,SC,Scan(EMA,Rib,Rump,IMF),Genomics

Statistics: Number of Herds: 1, Prog Analysed: 63, Genomic Prog: 0

Selection Indexes	
\$A	\$A-L
\$220	\$365

Reference Sire **SPRYS-W INTENSITY P604^{PV}** **LGSP604**

Date of Birth: 3/09/2018 Register: HBR Mating Type: ET AMFU,CAFU,DDFU,NHFU
 H P C A INTENSITY[#] WATTLETOP USA9074 C118^{PV}
 SIRE: **NORL508 RENNYLEA L508^{PV}** DAM: **NWPE295 WATTLETOP BARUNAH E295^{DV}**
 RENNYLEA H414^{SV} WATTLETOP BARUNAH C136^{SV}

TACE	August 2022 TransTasman Angus Cattle Evaluation																				
	Dir	Dtrs	GL	BWT	200D	400D	600D	MCW	Milk	SS	D t C	CWT	EMA	Rib	P8	RBY	IMF	NFI-F	Doc	Angle	Claw
EBVs	+9.0	+11.6	-5.5	+1.0	+42	+79	+108	+92	+24	+0.1	-3.9	+71	+4.1	+0.6	-0.7	-1.2	+3.1	+0.04	-	+1.00	+0.90
Acc	64%	57%	72%	75%	74%	74%	74%	73%	70%	74%	47%	70%	68%	72%	69%	69%	67%	62%	-	71%	71%

Traits Observed: BWT,400WT,SC,Scan(EMA,Rib,Rump,IMF),Genomics

Statistics: Number of Herds: 1, Prog Analysed: 40, Genomic Prog: 0

Selection Indexes	
\$A	\$A-L
\$186	\$334

Reference Sire **TEXAS KELVIN KLEIN K542^{SV}** **DXTK542**

Date of Birth: 29/07/2014 Register: HBR Mating Type: ET AMFU,CAFU,DDFU,NHFU
 COONAMBLE Z3^{PV} ARDROSSAN DIRECTION W109^{PV}
 SIRE: **WHHE10 BANGADANG WESTERN EXPRESS E10^{SV}** DAM: **DXTD035 TEXAS TOQUE D035^{PV}**
 BANGADANG WILCOOLA Y7[#] TEXAS TOQUE Z008^{SV}

TACE	August 2022 TransTasman Angus Cattle Evaluation																				
	Dir	Dtrs	GL	BWT	200D	400D	600D	MCW	Milk	SS	D t C	CWT	EMA	Rib	P8	RBY	IMF	NFI-F	Doc	Angle	Claw
EBVs	-3.7	-6.3	-4.8	+7.8	+60	+108	+164	+193	+14	+3.3	-0.5	+90	+2.5	-1.8	-1.4	+0.5	+1.4	+0.01	+14	+0.88	+0.80
Acc	70%	59%	87%	88%	87%	89%	88%	82%	80%	88%	53%	79%	79%	82%	80%	78%	78%	65%	55%	67%	67%

Traits Observed: BWT,200WT,400WT,600WT,SC,Scan(EMA,Rib,Rump,IMF),Genomics

Statistics: Number of Herds: 2, Prog Analysed: 100, Genomic Prog: 2

Selection Indexes	
\$A	\$A-L
\$100	\$292

Reference Sire **LANDFALL REALITY L76^{SV}** **TFAL76**

Date of Birth: 20/07/2015 Register: HBR Mating Type: AI AMFU,CAFU,DDFU,NHFU
 SCHURRTOP REALITY X723[#] WK REPLAY[#]
 SIRE: **NZE14647008839 MATAURI REALITY 839[#]** DAM: **TFAJ1046 LANDFALL ELSA J1046^{SV}**
 MATAURI 06663[#] LANDFALL ELSA X57[#]

TACE	August 2022 TransTasman Angus Cattle Evaluation																				
	Dir	Dtrs	GL	BWT	200D	400D	600D	MCW	Milk	SS	D t C	CWT	EMA	Rib	P8	RBY	IMF	NFI-F	Doc	Angle	Claw
EBVs	+11.4	+9.3	-8.7	+2.3	+41	+78	+98	+82	+20	+2.6	-3.6	+55	+11.1	+0.3	-2.3	+1.9	+2.0	+0.31	-	+0.96	+0.90
Acc	73%	64%	94%	93%	90%	91%	90%	83%	80%	89%	61%	81%	81%	83%	82%	80%	80%	69%	-	78%	78%

Traits Observed: GL,CE,BWT,200WT,400WT,600WT,SC,Scan(EMA,Rib,Rump,IMF),Genomics

Statistics: Number of Herds: 3, Prog Analysed: 131, Genomic Prog: 2

Selection Indexes	
\$A	\$A-L
\$188	\$236

REFERENCE SIRES

Reference Sire

MERRIDALE MAGESTIC M3^E

CMDM3

Date of Birth: 7/05/2016

Register: HBR

Mating Type: Natural

AMFU,CAFU,DDFU,NHFU

TUWHARETOA REGENT D145^{PV}

REILAND F842^{SV}

SIRE: NORJ474 RENNYLEA J474^{SV}

DAM: CMDJ18 MERRIDALE STEPHIE J18[#]

RENNYLEA C310[#]

MERRIDALE STEHIE F10[#]



August 2022 TransTasman Angus Cattle Evaluation

	Dir	Dtrs	GL	BWT	200D	400D	600D	MCW	Milk	SS	D t C	CWT	EMA	Rib	P8	RBY	IMF	NFI-F	Doc	Angle	Claw
EBVs	+4.1	+2.1	-1.8	+3.8	+58	+100	+144	+133	+19	+3.8	-2.4	+83	+1.4	-1.6	-1.1	+0.1	+1.8	-0.19	-	+0.90	+0.92
Acc	61%	50%	71%	83%	86%	88%	81%	74%	63%	85%	43%	73%	75%	78%	75%	72%	74%	57%	-	56%	54%

Traits Observed: BWT,600WT,Scan(EMA,Rib,Rump,IMF)

Statistics: Number of Herds: 1, Prog Analysed: 127, Genomic Prog: 0

Selection Indexes

\$A	\$A-L
\$186	\$356

Reference Sire

THE ROCK BARTEL P1^{PV}

ATZP1

Date of Birth: 15/01/2018

Register: HBR

Mating Type: ET

AMFU,CAFU,DDFU,NHFU

TE MANIA BARTEL B219^{PV}

WERNER WESTWARD 357[#]

SIRE: HIOE7 AYRVALE BARTEL E7^{PV}

DAM: ATZK6 THE ROCK K6^{PV}

EAGLEHAWK JEDDA B32^{SV}

ABERDEEN ESTATE ALISON H61^{SV}



August 2022 TransTasman Angus Cattle Evaluation

	Dir	Dtrs	GL	BWT	200D	400D	600D	MCW	Milk	SS	D t C	CWT	EMA	Rib	P8	RBY	IMF	NFI-F	Doc	Angle	Claw
EBVs	+6.6	+8.2	-6.1	+4.5	+55	+94	+130	+93	+19	+1.1	-5.8	+81	+8.6	-2.5	-3.4	+2.8	+1.4	+0.03	-	+0.88	+1.06
Acc	67%	63%	73%	79%	83%	84%	80%	77%	72%	85%	58%	76%	76%	78%	77%	75%	74%	67%	-	78%	78%

Traits Observed: BWT,200WT,400WT,600WT,SC,Scan(EMA,Rib,Rump,IMF),Genomics

Statistics: Number of Herds: 1, Prog Analysed: 75, Genomic Prog: 0

Selection Indexes

\$A	\$A-L
\$253	\$404



The suffix displayed at the end of each animal's name indicates the DNA parentage verification that has been conducted by Angus Australia.

PV: both parents have been verified by DNA

SV: the sire has been verified by DNA

DV: the dam has been verified by DNA

#: DNA verification has not been conducted

E: DNA verification has been identified that the sire and/or dam may possibly be incorrect, but this cannot be confirmed conclusively

EBV QUICK REFERENCE

EBV Quick Reference for Crawford Angus																					
Animal Ident	Calving Ease					Growth					Fertility					Carcass				Selection Indexes	
	CEDir	CEDirs	GL	BWT		200	400	600	MCW	Milk	SS	DTC	CWT	EMA	RIB	P8	RFY	IMF	\$A	\$A-L	
1	BGRR1238	-3.6	-5.4	-3.5	+4.8	+45	+88	+108	+86	+21	+2.9	-0.9	+57	+8.8	-1.3	+0.3	+0.1	+3.7	\$163	\$277	
2	BGRR418	-10.3	-6.3	-5.0	+6.4	+55	+88	+122	+103	+14	+1.2	-3.6	+69	+4.6	+0.8	-0.1	+0.0	+1.7	\$170	\$272	
3	BGRR343	+0.7	+6.6	-7.1	+6.1	+46	+90	+125	+136	+11	+2.2	-5.9	+69	-1.9	+0.1	+1.4	-1.8	+3.0	\$139	\$312	
4	BGRR338	+1.9	+3.2	-6.9	+4.2	+66	+119	+152	+134	+19	+1.2	-0.4	+95	+11.0	-3.4	-4.7	+2.7	+2.8	\$251	\$426	
5	BGRR467	+8.2	+9.1	-7.9	+3.6	+46	+85	+114	+90	+25	+1.5	-7.1	+70	+5.6	-1.8	-2.2	+2.2	+0.6	\$201	\$351	
6	BGR21S81	-6.0	-5.2	-1.4	+7.7	+54	+97	+127	+110	+18	+3.3	-4.9	+74	+7.6	-1.6	-2.2	+2.0	+0.9	\$164	\$290	
7	BGR21S60	+1.1	+4.1	-2.5	+4.6	+58	+107	+144	+133	+21	+3.5	-5.0	+84	+8.3	-1.9	-1.9	+1.0	+2.1	\$204	\$381	
8	BGR21S65	+1.4	+3.5	-4.6	+7.1	+53	+93	+131	+141	+13	+2.4	-2.8	+77	+5.5	-0.6	-0.4	+1.3	+0.8	\$141	\$309	
9	BGR21S106	+5.5	+7.0	-6.6	+3.1	+52	+98	+123	+96	+25	+2.0	-3.0	+70	+9.6	-2.1	-2.2	+1.3	+2.9	\$232	\$383	
10	BGR21S90	+2.2	+6.3	-5.2	+2.4	+48	+95	+121	+103	+22	+2.8	-2.7	+73	+1.6	+1.0	+0.7	+1.9	+2.7	\$176	\$324	
11	BGR21S76	+2.2	+5.3	-6.6	+5.5	+63	+110	+155	+130	+18	+1.7	-2.6	+91	+5.2	-3.8	-3.4	+1.9	+1.9	\$230	\$401	
12	BGR21S78	+0.7	-5.8	-0.2	+5.1	+54	+100	+143	+155	+18	+2.7	-2.8	+82	+4.5	-0.9	-0.2	+0.8	+1.6	\$150	\$325	
13	BGR21S67	+5.9	+7.6	-6.4	+4.1	+52	+96	+130	+100	+20	+1.5	-5.9	+83	+8.1	-2.1	-3.2	+2.4	+1.3	\$230	\$388	
14	BGR21S49	+5.9	+9.2	-5.4	+2.7	+43	+81	+109	+100	+19	+0.5	-4.4	+71	+4.8	+1.0	+0.2	-1.0	+2.7	\$174	\$324	
15	BGR21S18	+6.1	+5.0	-2.6	+4.5	+55	+98	+134	+117	+20	+3.2	-3.9	+74	+5.1	+0.1	-0.1	-0.1	+2.5	\$206	\$374	
16	BGR21S73	+7.6	+10.4	-2.5	+1.0	+37	+73	+87	+67	+22	+1.2	-4.3	+55	+3.6	+0.2	-0.2	-0.8	+3.0	\$182	\$308	
17	BGR21S105	-0.1	-0.2	-2.5	+4.4	+48	+82	+110	+90	+19	+2.1	-3.6	+57	+1.9	-0.9	-0.2	-0.4	+2.0	\$173	\$292	
18	BGR21S32	+6.4	+9.6	-5.3	+2.0	+44	+81	+107	+87	+21	+0.3	-4.4	+66	+5.6	+0.9	+0.9	-0.8	+2.4	\$198	\$340	
19	BGR21S12	+5.9	+7.0	-5.9	+3.0	+48	+95	+118	+102	+18	+1.6	-4.9	+76	+8.5	+0.1	-2.0	+1.0	+1.9	\$200	\$359	
20	BGR21S28	+0.7	+6.0	-3.0	+4.2	+55	+95	+134	+122	+21	+3.1	-2.7	+83	+8.6	-1.9	-1.4	+1.0	+2.1	\$195	\$353	
21	BGR21S54	-13.9	-4.2	-2.5	+7.6	+49	+88	+121	+124	+10	+3.1	-3.7	+75	+7.9	-1.9	-2.1	+1.2	+3.1	\$130	\$243	
22	BGR21S85	+1.8	+3.9	-5.0	+3.3	+41	+76	+108	+105	+26	+0.2	-1.1	+65	-0.5	-0.9	-0.9	-0.3	+1.0	\$113	\$237	
23	BGR21S17	+9.1	+10.1	-6.2	+1.1	+49	+93	+119	+102	+26	+1.2	-6.3	+75	+5.7	+1.8	+0.7	-0.9	+3.2	\$228	\$399	
24	BGR21S52	+0.4	+4.5	-2.5	+4.3	+49	+86	+112	+100	+17	+1.3	-5.2	+67	+5.9	-1.1	-1.4	+1.0	+1.6	\$188	\$324	
25	BGR21S29	+8.2	+7.2	-7.3	+1.8	+36	+69	+90	+63	+21	+2.2	-5.7	+55	+6.1	+1.8	+1.5	-0.4	+2.2	\$185	\$307	
26	BGR21S64	+0.3	+1.9	-2.8	+4.5	+44	+78	+105	+107	+16	-0.6	-2.7	+65	+5.3	+0.0	+0.7	+0.2	+1.4	\$142	\$271	
27	BGR21S87	+3.3	+1.7	-2.3	+3.8	+51	+90	+117	+89	+22	+1.9	-4.1	+67	+2.9	+0.7	+0.7	-0.4	+1.1	\$191	\$322	
28	BGR21S25	-1.2	+4.8	-5.3	+4.0	+44	+79	+107	+110	+17	+2.7	-4.7	+61	+7.0	-0.1	-2.7	+2.0	+0.9	\$138	\$273	
29	BGR21S30	+7.2	+10.6	-6.0	+1.0	+36	+65	+88	+78	+16	-0.6	-4.9	+60	+5.0	+0.1	-0.9	-0.6	+2.6	\$170	\$298	
30	BGR21S80	+4.3	+6.2	-4.3	+3.7	+49	+92	+117	+90	+25	+1.5	-2.9	+68	+10.4	-2.0	-3.2	+2.7	+1.3	\$207	\$343	
31	BGR21S22	+2.6	+0.7	-7.1	+4.4	+42	+78	+100	+114	+11	+1.6	-3.0	+55	+5.4	+1.3	+2.6	-0.8	+2.5	\$139	\$284	
32	BGR21S117	+2.0	+6.9	-7.9	+6.2	+56	+99	+138	+117	+18	+1.5	-2.0	+83	+9.9	-1.8	-2.1	+2.2	+0.9	\$198	\$353	
33	BGR21S104	+7.1	+6.7	-7.7	+4.3	+41	+71	+89	+63	+12	+2.1	-3.5	+55	+7.8	+0.2	-0.5	+2.0	+1.2	\$192	\$306	
34	BGR21S82	+5.1	+4.9	-4.6	+4.0	+60	+102	+139	+100	+24	+1.5	-1.8	+81	+9.8	-1.9	-3.8	+2.5	+1.7	\$251	\$398	
35	BGR21S16	+7.3	+5.5	-5.4	+2.6	+43	+79	+105	+69	+24	+0.8	-1.6	+64	+11.0	-0.2	-2.8	+1.7	+2.2	\$204	\$321	
36	BGR21S126	-1.6	-1.1	-1.9	+5.4	+50	+92	+125	+110	+17	+0.2	+0.2	+77	+7.2	-0.7	-1.3	+0.2	+1.7	\$153	\$280	
37	BGR21S103	+8.5	+6.5	-4.1	+0.8	+41	+73	+101	+68	+27	+3.2	-7.1	+57	+2.9	+2.2	+1.2	-1.2	+2.4	\$203	\$332	





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SALE LOTS 1 - 3

Lot 1	CRAWFORD R1238^{PV}	BGRR1238
Date of Birth: 3/07/2020	Register: HBR	Mating Type: ET
G A R PROGRESS ^{SV}	TE MANIA UNLIMITED U3271 ^T	AMFU,CAFU,DDFU,NHFU
G A R MOMENTUM ^{PV}	VERMONT UNLIMITED Z128 ^{SV}	
G A R BIG EYE 1770 ^T	VERMONT WIVEM W66 ^T	
SIRE: VLYM518 LAWSONS MOMENTOUS M518^{PV}	DAM: BGRC557 BGRAHAM C557^T	
TE MANIA AFRICA A217 ^{PV}	S A NEUTRON 377 ^T	
LAWSONS AFRICA H229 ^{SV}	BGRAHAM A174 ^T	
LAWSONS ROCKND AMBUSH E1103 ^{PV}	MERRIRANGE ROBYN Q300+95 ^T	

TACE	Mid August 2022 TransTasman Angus Cattle Evaluation																
	Dir	Dtrs	GL	BWT	200D	400D	600D	MCW	Milk	SS	D t C	CWT	EMA	Rib	P8	RBY	IMF
EBVs	-3.6	-5.4	-3.5	+4.8	+45	+88	+108	+96	+21	+2.9	-0.9	+57	+8.8	-1.3	+0.3	+0.1	+3.7
Acc	63%	55%	72%	75%	73%	73%	74%	72%	69%	73%	44%	69%	67%	71%	68%	67%	67%

Traits Observed: BWT,200WT,600WT,SC,Scan(EMA,Rib,Rump,IMF),Genomics

Raw Structural Data - 16/06/2022									
F	R	F	R			Sheath	Muscle	Temp.	
-	-	-	-	-	-	-	-	-	-

Selection Indexes	
\$A	\$A-L
\$163	\$277

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

Lot 2	CRAWFORD R418^{SV}	BGRR418
Date of Birth: 1/09/2020	Register: HBR	Mating Type: Natural
MATAURI REALITY 839 ^T	DUNOON EVIDENT E614 ^{PV}	AMFU,CAFU,DDFU,NHFU
MILWILLAH REALITY K12 ^{PV}	MERRIDALE HERMAN H104 ^{SV}	
MILWILLAH BARUNAH H8 ^{SV}	MERRIDALE ESTER D5 ^{PV}	
SIRE: NJWM96 MILWILLAH REALITY M96^{SV}	DAM: BGRN343 CRAWFORD N343^T	
TE MANIA GASKIN G555 ^{SV}	R/M IRONSTONE 4047 ^T	
MILWILLAH MOONGARA K310 ^T	BGRAHAM J377 ^T	
MILWILLAH MOONGARA G286 ^T	ST PAULS HM IRIS B111 ^{PV}	

TACE	Mid August 2022 TransTasman Angus Cattle Evaluation																
	Dir	Dtrs	GL	BWT	200D	400D	600D	MCW	Milk	SS	D t C	CWT	EMA	Rib	P8	RBY	IMF
EBVs	-10.3	-6.3	-5.0	+6.4	+55	+88	+122	+103	+14	+1.2	-3.6	+69	+4.6	+0.8	-0.1	+0.0	+1.7
Acc	50%	45%	63%	67%	67%	68%	68%	65%	60%	68%	36%	63%	60%	67%	63%	63%	61%

Traits Observed: BWT,200WT,400WT,SC,Scan(EMA,Rib,Rump,IMF),Genomics

Raw Structural Data - 16/06/2022									
F	R	F	R			Sheath	Muscle	Temp.	
-	-	-	-	-	-	-	-	-	-

Selection Indexes	
\$A	\$A-L
\$170	\$272

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

Lot 3	CRAWFORD R343^{SV}	BGRR343
Date of Birth: 4/08/2020	Register: HBR	Mating Type: AI
G A R INGENUITY ^T	BT EQUATOR 395M ^T	AMFU,CAF,DDFU,NHFU
H P C A INTENSITY ^T	VERMONT BT EQUATOR C255 ^{PV}	
G A R PREDESTINED 287L ^T	VERMONT WILCOOLA Y391 ^{PV}	
SIRE: NORL519 RENNYLEA L519^{PV}	DAM: BGRF429 BGRAHAM BGR F429^T	
TE MANIA BERKLEY B1 ^{PV}	IRONWOOD NEW LEVEL ^T	
RENNYLEA H414 ^{SV}	BGRAHAM B7 ^T	
RENNYLEA C310 ^T	MERRIRANGE WILCOOLA K52+90 ^T	

TACE	Mid August 2022 TransTasman Angus Cattle Evaluation																
	Dir	Dtrs	GL	BWT	200D	400D	600D	MCW	Milk	SS	D t C	CWT	EMA	Rib	P8	RBY	IMF
EBVs	+0.7	+6.6	-7.1	+6.1	+46	+90	+125	+136	+11	+2.2	-5.9	+69	-1.9	+0.1	+1.4	-1.8	+3.0
Acc	62%	57%	84%	73%	73%	73%	74%	72%	69%	70%	46%	68%	66%	70%	68%	67%	66%

Traits Observed: GL,BWT,200WT,400WT,SC,Scan(EMA,Rib,Rump,IMF),Genomics

Raw Structural Data - 16/06/2022									
F	R	F	R			Sheath	Muscle	Temp.	
-	-	-	-	-	-	-	-	-	-

Selection Indexes	
\$A	\$A-L
\$139	\$312

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

SALE LOTS 4-6

Lot 4 CRAWFORD R338^{SV} BGRR338

Date of Birth: 3/08/2020 **Register:** HBR **Mating Type:** AI **AMFU,CAFU,DDFU,NHFU**
 G A R DAYLIGHT* BASIN FRANCHISE P142*
 G A R EARLY BIRD* EF COMPLEMENT 8088^{PV}
 G A R PROGRESS 830* EF EVERELDA ENTENSE 6117*
SIRE: USA18217198 G A R ASHLAND^{PV} **DAM: BGRM280 BGRAHAM M280^P**
 B/R AMBUSH 28* N BAR IN FOCUS E04^{PV}
 CHAIR ROCK AMBUSH 1018* N BAR MISS BLACK CC&7 G36^{SV}
 G A R YIELD GRADE N366* N BAR 004 BLKCAP MARY D08^{SV}

TACE	Mid August 2022 TransTasman Angus Cattle Evaluation																
	Dir	Dtrs	GL	BWT	200D	400D	600D	MCW	Milk	SS	D t C	CWT	EMA	Rib	P8	RBY	IMF
EBVs	+1.9	+3.2	-6.9	+4.2	+66	+119	+152	+134	+19	+1.2	-0.4	+95	+11.0	-3.4	-4.7	+2.7	+2.8
Acc	61%	52%	84%	72%	72%	72%	73%	70%	66%	72%	41%	67%	66%	69%	66%	66%	65%

Traits Observed: GL,BWT,200WT,400WT,SC,Scan(EMA,Rib,Rump,IMF),Genomics

Raw Structural Data - 16/06/2022									
F	R	F	R			Sheath	Muscle	Temp.	
-	-	-	-	-	-	-	-	-	-

Selection Indexes	
\$A	\$A-L
\$251	\$426

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

Lot 5 CRAWFORD R467^{SV} BGRR467

Date of Birth: 20/09/2020 **Register:** HBR **Mating Type:** Natural **AMFU,CAFU,DDFU,NHFU**
 TE MANIA BARTEL B219^{PV} HF KODIAK 5R^{PV}
 AYRVALE BARTEL E7^{PV} HF TIGER 5T*
 EAGLEHAWK JEDDA B32^{SV} HF ECHO 84R*
SIRE: ATZP1 THE ROCK BARTEL P1^{PV} **DAM: DDSG08 N BAR U44 BARA 5T G08^P**
 WERNER WESTWARD 357* TC STOCKMAN 365*
 THE ROCK K6^{PV} KENNY'S CREEK BARA U44^{SV}
 ABERDEEN ESTATE ALISON H61^{SV} KENNY'S CREEK BARA Q8+95*

TACE	Mid August 2022 TransTasman Angus Cattle Evaluation																
	Dir	Dtrs	GL	BWT	200D	400D	600D	MCW	Milk	SS	D t C	CWT	EMA	Rib	P8	RBY	IMF
EBVs	+8.2	+9.1	-7.9	+3.6	+46	+85	+114	+90	+25	+1.5	-7.1	+70	+5.6	-1.8	-2.2	+2.2	+0.6
Acc	55%	51%	66%	70%	69%	69%	70%	68%	63%	67%	44%	65%	63%	68%	65%	65%	63%

Traits Observed: BWT,200WT,Genomics

Raw Structural Data - 16/06/2022									
F	R	F	R			Sheath	Muscle	Temp.	
-	-	-	-	-	-	-	-	-	-

Selection Indexes	
\$A	\$A-L
\$201	\$351

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

Lot 6 CRAWFORD S81^{SV} BGR21S81

Date of Birth: 1/03/2021 **Register:** HBR **Mating Type:** Natural **AMFU,CAFU,DDFU,NHFU**
 TC FRANKLIN 619* BANGADANG WESTERN EXPRESS E10^{SV}
 WATTLETOP FRANKLIN G188^{SV} TEXAS KELVIN KLEIN K542^{SV}
 WATTLETOP BARUNAH E295^{SV} TEXAS TOUQUE D035^{PV}
SIRE: LGSP555 SPRYS-W FRANKLIN P555^{PV} **DAM: BGRP87 CRAWFORD P87^P**
 THE GRANGE WHEEL WRIGHT D6^{PV} ARDROSSAN EQUATOR C74^{SV}
 KANSAS TARIKU G299^{PV} BGRAHAM K32*
 KANSAS TARIKU V94* BGRAHAM X002*

TACE	Mid August 2022 TransTasman Angus Cattle Evaluation																
	Dir	Dtrs	GL	BWT	200D	400D	600D	MCW	Milk	SS	D t C	CWT	EMA	Rib	P8	RBY	IMF
EBVs	-6.0	-5.2	-1.4	+7.7	+54	+97	+127	+110	+18	+3.3	-4.9	+74	+7.6	-1.6	-2.2	+2.0	+0.9
Acc	51%	46%	66%	70%	69%	69%	69%	67%	62%	70%	38%	65%	62%	68%	64%	64%	62%

Traits Observed: 400WT,SC,Scan(EMA,Rib,Rump,IMF),Structure(Claw Set x 1, Foot Angle x 1),Genomics

Raw Structural Data - 16/06/2022									
F	R	F	R			Sheath	Muscle	Temp.	
6	6	6	6	5	5	4	C+	2	

Selection Indexes	
\$A	\$A-L
\$164	\$290

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

SALE LOTS 7-9

Lot 7 CRAWFORD S60^{SV} BGR21S60

Date of Birth: 23/02/2021 Register: HBR Mating Type: Natural AMFU,CAFU,DDFU,NHFU
 H P C A INTENSITY[#] DUNOON EVIDENT E614^{PV}
 RENNYLEA L508^{PV} MERRIDALE HERMAN H104^{SV}
 RENNYLEA H414^{SV} MERRIDALE ESTER D5^{PV}
SIRE: LGSP604 SPRYS-W INTENSITY P604^{PV} **DAM: BGRL3 BGRAHAM L3[#]**
 WATTLETOP USA9074 C118^{PV} VERMONT AJ D170^{SV}
 WATTLETOP BARUNAH E295^{PV} BGRAHAM BGR G37[#]
 WATTLETOP BARUNAH C136^{SV} BGRAHAM B748[#]

TACE Mid August 2022 TransTasman Angus Cattle Evaluation																	
	Dir	Dtrs	GL	BWT	200D	400D	600D	MCW	Milk	SS	D t C	CWT	EMA	Rib	P8	RBY	IMF
EBVs	+1.1	+4.1	-2.5	+4.6	+58	+107	+144	+133	+21	+3.5	-5.0	+84	+8.3	-1.9	-1.9	+1.0	+2.1
Acc	50%	45%	64%	67%	66%	65%	67%	65%	61%	67%	35%	61%	58%	65%	61%	61%	59%

Traits Observed: 400WT,SC,Scan(EMA,Rib,Rump,IMF),Genomics

Raw Structural Data - 16/06/2022										Selection Indexes	
F	R	F	R			Sheath	Muscle	Temp.			
						4	B-	2	\$A	\$A-L	
6	5	6	6	6	5				\$204	\$381	

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

Lot 8 CRAWFORD S65^{SV} BGR21S65

Date of Birth: 24/02/2021 Register: HBR Mating Type: AI AMFU,CA2%,DDFU,NHFU
 COONAMBLE Z3^{PV} BASIN FRANCHISE P142[#]
 BANGADANG WESTERN EXPRESS E10^{SV} EF COMPLEMENT 8088^{PV}
 BANGADANG WILCOOLA Y7[#] EF EVERELDA ENTENSE 6117[#]
SIRE: DXTK542 TEXAS KELVIN KLEIN K542^{SV} **DAM: BGRN293 CRAWFORD N293[#]**
 ARDROSSAN DIRECTION W109^{PV} BONGONGO B270^{PV}
 TEXAS TOQUE D035^{PV} BGRAHAM BGR F447[#]
 TEXAS TOQUE Z008^{SV} BGRAHAM C560[#]

TACE Mid August 2022 TransTasman Angus Cattle Evaluation																	
	Dir	Dtrs	GL	BWT	200D	400D	600D	MCW	Milk	SS	D t C	CWT	EMA	Rib	P8	RBY	IMF
EBVs	+1.4	+3.5	-4.6	+7.1	+53	+93	+131	+141	+13	+2.4	-2.8	+77	+5.5	-0.6	-0.4	+1.3	+0.8
Acc	55%	50%	83%	71%	70%	70%	70%	68%	64%	71%	42%	65%	63%	68%	65%	65%	63%

Traits Observed: GL,400WT,SC,Scan(EMA,Rib,Rump,IMF),Structure(Claw Set x 1, Foot Angle x 1),Genomics

Raw Structural Data - 16/06/2022										Selection Indexes	
F	R	F	R			Sheath	Muscle	Temp.			
						4	C+	2	\$A	\$A-L	
6	6	5	6	5	5				\$141	\$309	

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

Lot 9 CRAWFORD S106^{SV} BGR21S106

Date of Birth: 17/03/2021 Register: HBR Mating Type: Natural AMFU,CAFU,DDFU,NHFU
 TC FRANKLIN 619[#] MATAURI REALITY 839[#]
 WATTLETOP FRANKLIN G188^{SV} LANDFALL REALITY L76^{SV}
 WATTLETOP BARUNAH E295^{PV} LANDFALL ELSA J1046^{SV}
SIRE: LGSP555 SPRYS-W FRANKLIN P555^{PV} **DAM: BGRP306 CRAWFORD P306[#]**
 THE GRANGE WHEEL WRIGHT D6^{PV} MERRIDALE HERMAN H104^{SV}
 KANSAS TARIKU G299^{PV} BGRAHAM M332[#]
 KANSAS TARIKU V94[#] BGRAHAM C550[#]

TACE Mid August 2022 TransTasman Angus Cattle Evaluation																	
	Dir	Dtrs	GL	BWT	200D	400D	600D	MCW	Milk	SS	D t C	CWT	EMA	Rib	P8	RBY	IMF
EBVs	+5.5	+7.0	-6.6	+3.1	+52	+98	+123	+96	+25	+2.0	-3.0	+70	+9.6	-2.1	-2.2	+1.3	+2.9
Acc	51%	45%	67%	69%	67%	67%	68%	65%	59%	69%	36%	62%	59%	66%	62%	62%	60%

Traits Observed: 400WT,SC,Scan(EMA,Rib,Rump,IMF),Structure(Claw Set x 1, Foot Angle x 1),Genomics

Raw Structural Data - 16/06/2022										Selection Indexes	
F	R	F	R			Sheath	Muscle	Temp.			
						3	C+	2	\$A	\$A-L	
6	6	5	6	5	5				\$232	\$383	

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

SALE LOTS 10-12

Lot 10 CRAWFORD S90^{SV} BGR21S90

Date of Birth: 4/03/2021 **Register:** APR **Mating Type:** Natural **AMFU,CAFU,DDFU,NHFU**
 H P C A INTENSITY* BT RIGHT TIME 24J*
 RENNYLEA L508^{PV} BANQUET ETHRIDGE E083^{SV}
 RENNYLEA H414^{SV} BANQUET NANNY X093*
SIRE: LGSP604 SPRYS-W INTENSITY P604^{PV} **DAM: BGRH290 BGRAHAM H290***
 WATTLETOP USA9074 C118^{PV} VERMONT UNLIMITED Z128^{SV}
 WATTLETOP BARUNAH E295^{PV} BGRAHAM BGR D381*
 WATTLETOP BARUNAH C136^{SV} BGRAHAM B14*

TACE	Mid August 2022 TransTasman Angus Cattle Evaluation																
	Dir	Dtrs	GL	BWT	200D	400D	600D	MCW	Milk	SS	D t C	CWT	EMA	Rib	P8	RBY	IMF
EBVs	+2.2	+6.3	-5.2	+2.4	+48	+95	+121	+103	+22	+2.8	-2.7	+73	+1.6	+1.0	+0.7	-1.6	+2.7
Acc	50%	45%	65%	67%	66%	65%	67%	65%	62%	67%	36%	61%	58%	65%	61%	61%	59%

Traits Observed: 400WT,SC,Scan(EMA,Rib,Rump,IMF),Genomics

Raw Structural Data - 16/06/2022										Selection Indexes	
F	R	F	R			Sheath	Muscle	Temp.		\$A	\$A-L
						3	B-	2		\$176	\$324

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

Lot 11 CRAWFORD S76^{SV} BGR21S76

Date of Birth: 26/02/2021 **Register:** HBR **Mating Type:** Natural **AMFU,CA2%,DDFU,NHFU**
 TE MANIA BARTEL B219^{PV} RENNYLEA EDMUND E11^{PV}
 AYRVALE BARTEL E7^{PV} LANDFALL KEYSTONE K132^{PV}
 EAGLEHAWK JEDDA B32^{SV} LANDFALL ARCHER H807^{SV}
SIRE: ATZP1 THE ROCK BARTEL P1^{PV} **DAM: BGRQ40 CRAWFORD Q40***
 WERNER WESTWARD 357* TROWBRIDGE BBB ISRAEL FOLAU K59^{PV}
 THE ROCK K6^{PV} CRAWFORD N44*
 ABERDEEN ESTATE ALISON H61^{SV} BGRAHAM K18*

TACE	Mid August 2022 TransTasman Angus Cattle Evaluation																
	Dir	Dtrs	GL	BWT	200D	400D	600D	MCW	Milk	SS	D t C	CWT	EMA	Rib	P8	RBY	IMF
EBVs	+2.2	+5.3	-6.6	+5.5	+63	+110	+155	+130	+18	+1.7	-2.6	+91	+5.2	-3.8	-3.4	+1.9	+1.9
Acc	54%	50%	68%	69%	69%	68%	69%	67%	62%	70%	41%	64%	61%	67%	64%	64%	62%

Traits Observed: 400WT,SC,Scan(EMA,Rib,Rump,IMF),Structure(Claw Set x 1, Foot Angle x 1),Genomics

Raw Structural Data - 16/06/2022										Selection Indexes	
F	R	F	R			Sheath	Muscle	Temp.		\$A	\$A-L
						5	C+	2		\$230	\$401

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

Lot 12 CRAWFORD S78^{SV} BGR21S78

Date of Birth: 1/03/2021 **Register:** HBR **Mating Type:** AI **AMFU,CAFU,DDFU,NHFU**
 COONAMBLE Z3^{PV} TUWHARETOA REGENT D145^{PV}
 BANGADANG WESTERN EXPRESS E10^{SV} RENNYLEA H106^{SV}
 BANGADANG WILCOOLA Y7* RENNYLEA D316^{PV}
SIRE: DXTK542 TEXAS KELVIN KLEIN K542^{SV} **DAM: BGRL299 BGRAHAM L299***
 ARDROSSAN DIRECTION W109^{PV} N BAR IN FOCUS E04^{PV}
 TEXAS TOQUE D035^{PV} N BAR MISS BLACK CC&7 G36^{SV}
 TEXAS TOQUE Z008^{SV} N BAR 004 BLKCAP MARY D08^{SV}

TACE	Mid August 2022 TransTasman Angus Cattle Evaluation																
	Dir	Dtrs	GL	BWT	200D	400D	600D	MCW	Milk	SS	D t C	CWT	EMA	Rib	P8	RBY	IMF
EBVs	+0.7	-5.8	-0.2	+5.1	+54	+100	+143	+155	+18	+2.7	-2.8	+82	+4.5	-0.9	-0.2	+0.8	+1.6
Acc	54%	49%	82%	71%	70%	70%	70%	68%	64%	71%	41%	65%	63%	68%	64%	65%	63%

Traits Observed: GL,400WT,SC,Scan(EMA,Rib,Rump,IMF),Structure(Claw Set x 1, Foot Angle x 1),Genomics

Raw Structural Data - 16/06/2022										Selection Indexes	
F	R	F	R			Sheath	Muscle	Temp.		\$A	\$A-L
						4	C+	2		\$150	\$325

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

SALE LOTS 13-15

Lot 13

CRAWFORD S67^{SV}

BGR21S67

Date of Birth: 24/02/2021 Register: APR Mating Type: Natural AMFU,CAFU,DDFU,NHFU

TE MANIA BARTEL B219^{PV} RENNYLEA EDMUND E11^{PV}
 AYRVALE BARTEL E7^{PV} LANDFALL KEYSTONE K132^{PV}
 EAGLEHAWK JEDDA B32^{SV} LANDFALL ARCHER H807^{SV}

SIRE: ATZP1 THE ROCK BARTEL P1^{PV} DAM: BGRQ1 CRAWFORD Q1[#]
 WERNER WESTWARD 357[#] AYRVALE BARTEL E7^{PV}
 THE ROCK K6^{PV} BGRAHAM M19[#]
 ABERDEEN ESTATE ALISON H61^{SV} BGRAHAM J389[#]

TACE	Mid August 2022 TransTasman Angus Cattle Evaluation																
	Dir	Dtrs	GL	BWT	200D	400D	600D	MCW	Milk	SS	D t C	CWT	EMA	Rib	P8	RBY	IMF
EBVs	+5.9	+7.6	-6.4	+4.1	+52	+96	+130	+100	+20	+1.5	-5.9	+83	+8.1	-2.1	-3.2	+2.4	+1.3
Acc	51%	48%	62%	60%	62%	66%	61%	59%	55%	71%	40%	57%	57%	60%	59%	58%	56%

Traits Observed: 400WT,SC,Scan(EMA,Rib,Rump,IMF),Structure(Claw Set x 1, Foot Angle x 1)

Raw Structural Data - 16/06/2022										Selection Indexes	
F	R	F	R			Sheath	Muscle	Temp.		SA	SA-L
6	6	5	5	5	5	5	C+	2		\$230	\$388

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

Lot 14

CRAWFORD S49[#]

BGR21S49

Date of Birth: 21/02/2021 Register: HBR Mating Type: Natural AMFU,CA13%,DDFU,NHFU

H P C A INTENSITY[#] TE MANIA BERKLEY B1^{PV}
 RENNYLEA L508^{PV} MILWILLAH BERKLEY J146^{SV}
 RENNYLEA H414^{SV} MILWILLAH MITTAGONG D34[#]

SIRE: LGSP604 SPRYS-W INTENSITY P604^{PV} DAM: BGRN55 CRAWFORD N55[#]
 WATTLETOP USA9074 C118^{PV} VERMONT BT EQUATOR C255^{PV}
 WATTLETOP BARUNAH E295^{PV} BGRAHAM BGR F407[#]
 WATTLETOP BARUNAH C136^{SV} BGRAHAM A170[#]

TACE	Mid August 2022 TransTasman Angus Cattle Evaluation																
	Dir	Dtrs	GL	BWT	200D	400D	600D	MCW	Milk	SS	D t C	CWT	EMA	Rib	P8	RBY	IMF
EBVs	+5.9	+9.2	-5.4	+2.7	+43	+81	+109	+100	+19	+0.5	-4.4	+71	+4.8	+1.0	+0.2	-1.0	+2.7
Acc	45%	40%	54%	57%	57%	59%	59%	56%	52%	55%	34%	54%	53%	57%	55%	54%	52%

Traits Observed: None

Raw Structural Data - 16/06/2022										Selection Indexes	
F	R	F	R			Sheath	Muscle	Temp.		SA	SA-L
6	6	5	5	4	5	4	C+	2		\$174	\$324

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

Lot 15

CRAWFORD S18^{SV}

BGR21S18

Date of Birth: 9/02/2021 Register: HBR Mating Type: AI AMFU,CA2%,DDFU,NHFU

SCHURRTOP REALITY X723[#] RENNYLEA J474^{SV}
 MATAURI REALITY 839[#] MERRIDALE MAGESTIC M3[#]
 MATAURI 06663[#] MERRIDALE STEPHIE J18[#]

SIRE: TFAL76 LANDFALL REALITY L76^{SV} DAM: BGRQ73 CRAWFORD Q73[#]
 WK REPLAY[#] EF COMPLEMENT 8088^{PV}
 LANDFALL ELSA J1046^{SV} BGRAHAM M24[#]
 LANDFALL ELSA X57[#] BGRAHAM BGR G45^{SV}

TACE	Mid August 2022 TransTasman Angus Cattle Evaluation																
	Dir	Dtrs	GL	BWT	200D	400D	600D	MCW	Milk	SS	D t C	CWT	EMA	Rib	P8	RBY	IMF
EBVs	+6.1	+5.0	-2.6	+4.5	+55	+98	+134	+117	+20	+3.2	-3.9	+74	+5.1	+0.1	-0.1	-0.1	+2.5
Acc	52%	47%	82%	69%	69%	69%	69%	66%	61%	70%	40%	63%	62%	67%	63%	63%	62%

Traits Observed: GL,400WT,SC,Scan(EMA,Rib,Rump,IMF),Structure(Claw Set x 1, Foot Angle x 1),Genomics

Raw Structural Data - 16/06/2022										Selection Indexes	
F	R	F	R			Sheath	Muscle	Temp.		SA	SA-L
6	6	5	5	5	5	4	C+	2		\$206	\$374

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

SALE LOTS 16-18

Lot 16 CRAWFORD S73^{SV} BGR21S73

Date of Birth: 25/02/2021 Register: APR Mating Type: Natural AMFU,CAFU,DDFU,NHFU
 H P C A INTENSITY*
 RENNYLEA L508^{PV} ARDROSSAN ADMIRAL A2^{PV}
 RENNYLEA H414^{SV} PC ADMIRAL E218^{SV}
 PC MISS DESIGNER X59^{PV}
SIRE: LGSP604 SPRYS-W INTENSITY P604^{PV} **DAM: BGRH966 BGRAHAM H966[#]**
 WATTLETOP USA9074 C118^{PV} B/R NEW FRONTIER 095[#]
 WATTLETOP BARUNAH E295^{PV} BGRAHAM B16[#]
 WATTLETOP BARUNAH C136^{SV} BGRAHAM T717[#]

TACE	Mid August 2022 TransTasman Angus Cattle Evaluation																
	Dir	Dtrs	GL	BWT	200D	400D	600D	MCW	Milk	SS	D t C	CWT	EMA	Rib	P8	RBY	IMF
EBVs	+7.6	+10.4	-2.5	+1.0	+37	+73	+87	+67	+22	+1.2	-4.3	+55	+3.6	+0.2	-0.2	-0.8	+3.0
Acc	51%	46%	65%	68%	66%	65%	67%	65%	61%	68%	37%	62%	59%	65%	61%	62%	59%

Traits Observed: 400WT,SC,Scan(EMA,Rib,Rump,IMF),Genomics

Raw Structural Data - 16/06/2022										Selection Indexes	
F	R	F	R			Sheath	Muscle	Temp.		\$A	\$A-L
						4	C+	1		\$182	\$308

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

Lot 17 CRAWFORD S105^{SV} BGR21S105

Date of Birth: 17/03/2021 Register: HBR Mating Type: Natural AMFU,CAF,DDFU,NHFU
 TUWHARETOA REGENT D145^{PV} TC TOTAL 410[#]
 RENNYLEA J474^{SV} LAWSONS NOVAK E313^{SV}
 RENNYLEA C310[#] LAWSONS PREDESTINED B770^{SV}
SIRE: CMDM3 MERRIDALE MAGESTIC M3^E **DAM: BGRM23 BGRAHAM M23[#]**
 REILAND F842^{SV} VERMONT AJ D170^{SV}
 MERRIDALE STEPHIE J18[#] BGRAHAM G834[#]
 MERRIDALE STEHIE F10[#] BGRAHAM A170[#]

TACE	Mid August 2022 TransTasman Angus Cattle Evaluation																
	Dir	Dtrs	GL	BWT	200D	400D	600D	MCW	Milk	SS	D t C	CWT	EMA	Rib	P8	RBY	IMF
EBVs	-0.1	-0.2	-2.5	+4.4	+48	+82	+110	+90	+19	+2.1	-3.6	+57	+1.9	-0.9	-0.2	-0.4	+2.0
Acc	52%	47%	68%	70%	70%	70%	70%	67%	62%	71%	39%	65%	63%	69%	65%	65%	63%

Traits Observed: 400WT,SC,Scan(EMA,Rib,Rump,IMF),Structure(Claw Set x 1, Foot Angle x 1),Genomics

Raw Structural Data - 16/06/2022										Selection Indexes	
F	R	F	R			Sheath	Muscle	Temp.		\$A	\$A-L
						4	C+	1		\$173	\$292

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

Lot 18 CRAWFORD S32[#] BGR21S32

Date of Birth: 19/02/2021 Register: APR Mating Type: Natural AMFU,CAFU,DDFU,NHFU
 H P C A INTENSITY*
 RENNYLEA L508^{PV} BASIN FRANCHISE P142[#]
 RENNYLEA H414^{SV} EF COMPLEMENT 8088^{PV}
 EF EVERELDA INTENSE 6117[#]
SIRE: LGSP604 SPRYS-W INTENSITY P604^{PV} **DAM: BGRN306 CRAWFORD N306[#]**
 WATTLETOP USA9074 C118^{PV} ARDROSSAN EQUATOR C74^{SV}
 WATTLETOP BARUNAH E295^{PV} BGRAHAM H267[#]
 WATTLETOP BARUNAH C136^{SV} BGRAHAM C015[#]

TACE	Mid August 2022 TransTasman Angus Cattle Evaluation																
	Dir	Dtrs	GL	BWT	200D	400D	600D	MCW	Milk	SS	D t C	CWT	EMA	Rib	P8	RBY	IMF
EBVs	+6.4	+9.6	-5.3	+2.0	+44	+81	+107	+87	+21	+0.3	-4.4	+66	+5.6	+0.9	+0.9	-0.8	+2.4
Acc	48%	43%	59%	56%	57%	62%	58%	55%	52%	68%	36%	53%	55%	56%	57%	53%	51%

Traits Observed: 400WT,SC,Scan(EMA,Rib,Rump,IMF)

Raw Structural Data - 16/06/2022										Selection Indexes	
F	R	F	R			Sheath	Muscle	Temp.		\$A	\$A-L
						3	C+	2		\$198	\$340

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

SALE LOTS 19-21

Lot 19 **CRAWFORD S12^{SV}** **BGR21S12**

Date of Birth: 4/02/2021 Register: HBR Mating Type: AI AM3%,CA3%,DDFU,NH3%

SCHURRTOP REALITY X723*
MATAURI REALITY 839*
MATAURI 06663*

RENNYLEA EDMUND E11^{PV}
LANDFALL KEYSTONE K132^{PV}
LANDFALL ARCHER H807^{SV}

SIRE: TFAL76 LANDFALL REALITY L76^{SV} DAM: BGRQ44 CRAWFORD Q44[#]

WK REPLAY*
LANDFALL ELSA J1046^{SV}
LANDFALL ELSA X57*

SILVEIRAS CONVERSION 8064*
BGRAHAM M13*
BGRAHAM BGR F414*

TACE Mid August 2022 TransTasman Angus Cattle Evaluation																	
	Dir	Dtrs	GL	BWT	200D	400D	600D	MCW	Milk	SS	D t C	CWT	EMA	Rib	P8	RBY	IMF
EBVs	+5.9	+7.0	-5.9	+3.0	+48	+95	+118	+102	+18	+1.6	-4.9	+76	+8.5	+0.1	-2.0	+1.0	+1.9
Acc	56%	51%	82%	72%	71%	71%	71%	69%	64%	71%	43%	66%	64%	69%	65%	65%	64%

Traits Observed: GL,400WT,SC,Scan(EMA,Rib,Rump,IMF),Structure(Claw Set x 1, Foot Angle x 1),Genomics

Raw Structural Data - 16/06/2022										Selection Indexes	
F	R	F	R			Sheath	Muscle	Temp.			
6	6	5	6	5	5	4	C+	1	\$A	\$A-L	
									\$200	\$359	

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

Lot 20 **CRAWFORD S28^{SV}** **BGR21S28**

Date of Birth: 19/02/2021 Register: HBR Mating Type: Natural AMFU,CAF,DDFU,NHFU

H P C A INTENSITY*
RENNYLEA L508^{PV}
RENNYLEA H414^{SV}

ARDROSSAN EQUATOR A241^{PV}
TROWBRIDGE BBB ISRAEL FOLAU K59^{PV}
VERMONT ROSEBUD B491^{PV}

SIRE: LGSP604 SPRYS-W INTENSITY P604^{PV} DAM: BGRN44 CRAWFORD N44[#]

WATTLETOP USA9074 C118^{PV}
WATTLETOP BARUNAH E295^{PV}
WATTLETOP BARUNAH C136^{SV}

SILVEIRAS CONVERSION 8064*
BGRAHAM K18*
BGRAHAM B736*

TACE Mid August 2022 TransTasman Angus Cattle Evaluation																	
	Dir	Dtrs	GL	BWT	200D	400D	600D	MCW	Milk	SS	D t C	CWT	EMA	Rib	P8	RBY	IMF
EBVs	+0.7	+6.0	-3.0	+4.2	+55	+95	+134	+122	+21	+3.1	-2.7	+83	+8.6	-1.9	-1.4	+1.0	+2.1
Acc	50%	45%	64%	66%	65%	64%	66%	64%	60%	67%	36%	61%	58%	64%	60%	60%	58%

Traits Observed: 400WT,SC,Scan(EMA,Rib,Rump,IMF),Genomics

Raw Structural Data - 16/06/2022										Selection Indexes	
F	R	F	R			Sheath	Muscle	Temp.			
6	5	6	6	5	6	3	C+	1	\$A	\$A-L	
									\$195	\$353	

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

Lot 21 **CRAWFORD S54^{SV}** **BGR21S54**

Date of Birth: 22/02/2021 Register: APR Mating Type: AI AMFU,CA6%,DDFU,NHFU

COONAMBLE Z3^{PV}
BANGADANG WESTERN EXPRESS E10^{PV}
BANGADANG WILCOOLA Y7*

TE MANIA BARTEL B219^{PV}
AYRVALE BARTEL E7^{PV}
EAGLEHAWK JEDDA B32^{SV}

SIRE: DXTK542 TEXAS KELVIN KLEIN K542^{SV} DAM: BGRN18 CRAWFORD N18[#]

ARDROSSAN DIRECTION W109^{PV}
TEXAS TOQUE D035^{PV}
TEXAS TOQUE Z008^{SV}

RENNYLEA G255^{PV}
BGRAHAM L19*
BGRAHAM B736*

TACE Mid August 2022 TransTasman Angus Cattle Evaluation																	
	Dir	Dtrs	GL	BWT	200D	400D	600D	MCW	Milk	SS	D t C	CWT	EMA	Rib	P8	RBY	IMF
EBVs	-13.9	-4.2	-2.5	+7.6	+49	+88	+121	+124	+10	+3.1	-3.7	+75	+7.9	-1.9	-2.1	+1.2	+3.1
Acc	56%	51%	83%	71%	70%	70%	72%	69%	65%	71%	44%	66%	64%	69%	66%	66%	64%

Traits Observed: GL,400WT,SC,Scan(EMA,Rib,Rump,IMF),Structure(Claw Set x 1, Foot Angle x 1),Genomics

Raw Structural Data - 16/06/2022										Selection Indexes	
F	R	F	R			Sheath	Muscle	Temp.			
6	6	5	6	5	6	5	C+	1	\$A	\$A-L	
									\$130	\$243	

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

SALE LOTS 22-24

Lot 22 CRAWFORD S85^{SV} BGR21S85

Date of Birth: 1/03/2021 **Register:** HBR **Mating Type:** Natural **AMFU,CAFU,DDFU,NHFU**
 H P C A INTENSITY* WERNER WAR PARTY 2417*
 RENNYLEA L508^{PV} R B TOUR OF DUTY 177^{PV}
 RENNYLEA H414^{SV} B A LADY 6807 305[#]
SIRE: LGSP604 SPRYS-W INTENSITY P604^{PV} **DAM: BGRL314 BGRAHAM L314[#]**
 WATTLETOP USA9074 C118^{PV} TC STOCKMAN 2164*
 WATTLETOP BARUNAH E295^{PV} BGRAHAM E811[#]
 WATTLETOP BARUNAH C136^{SV} MERRIRANGE WILCOOLA K52+90*

TACE Mid August 2022 TransTasman Angus Cattle Evaluation																	
	Dir	Dtrs	GL	BWT	200D	400D	600D	MCW	Milk	SS	D t C	CWT	EMA	Rib	P8	RBY	IMF
EBVs	+1.8	+3.9	-5.0	+3.3	+41	+76	+108	+105	+26	+0.2	-1.1	+65	-0.5	-0.9	-0.9	-0.3	+1.0
Acc	53%	48%	69%	69%	67%	66%	68%	66%	62%	68%	39%	63%	60%	66%	62%	62%	61%

Traits Observed: 400WT,SC,Scan(EMA,Rib,Rump,IMF),Genomics

Raw Structural Data - 16/06/2022										Selection Indexes	
F	R	F	R			Sheath	Muscle	Temp.			
7	6	6	6	5	6	4	C+	2	\$A	\$A-L	
									\$113	\$237	

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

Lot 23 CRAWFORD S17^{SV} BGR21S17

Date of Birth: 6/02/2021 **Register:** HBR **Mating Type:** Natural **AMFU,CAFU,DDFU,NHFU**
 H P C A INTENSITY* MATAURI REALITY 839*
 RENNYLEA L508^{PV} LANDFALL REALITY L76^{SV}
 RENNYLEA H414^{SV} LANDFALL ELSA J1046^{SV}
SIRE: LGSP604 SPRYS-W INTENSITY P604^{PV} **DAM: BGRQ14 CRAWFORD Q14[#]**
 WATTLETOP USA9074 C118^{PV} MERRIDALE HERMAN H104^{SV}
 WATTLETOP BARUNAH E295^{PV} BGRAHAM L10*
 WATTLETOP BARUNAH C136^{SV} BGRAHAM BGR G10^{SV}

TACE Mid August 2022 TransTasman Angus Cattle Evaluation																	
	Dir	Dtrs	GL	BWT	200D	400D	600D	MCW	Milk	SS	D t C	CWT	EMA	Rib	P8	RBY	IMF
EBVs	+9.1	+10.1	-6.2	+1.1	+49	+93	+119	+102	+26	+1.2	-6.3	+75	+5.7	+1.8	+0.7	-0.9	+3.2
Acc	49%	44%	66%	65%	64%	63%	64%	63%	58%	66%	34%	59%	56%	63%	59%	59%	57%

Traits Observed: 400WT,SC,Scan(EMA,Rib,Rump,IMF),Genomics

Raw Structural Data - 16/06/2022										Selection Indexes	
F	R	F	R			Sheath	Muscle	Temp.			
7	6	6	6	4	6	4	C+	2	\$A	\$A-L	
									\$228	\$399	

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

Lot 24 CRAWFORD S52^{SV} BGR21S52

Date of Birth: 21/02/2021 **Register:** HBR **Mating Type:** Natural **AMFU,CAFU,DDF,NHFU**
 H P C A INTENSITY* ARDROSSAN EQUATOR A241^{PV}
 RENNYLEA L508^{PV} TROWBRIDGE BBB ISRAEL FOLAU K59^{PV}
 RENNYLEA H414^{SV} VERMONT ROSEBUD B491^{PV}
SIRE: LGSP604 SPRYS-W INTENSITY P604^{PV} **DAM: BGRN49 CRAWFORD N49[#]**
 WATTLETOP USA9074 C118^{PV} SITZ NEW DESIGN 458N*
 WATTLETOP BARUNAH E295^{PV} BGRAHAM J5^{SV}
 WATTLETOP BARUNAH C136^{SV} VERMONT DREAM E096^{SV}

TACE Mid August 2022 TransTasman Angus Cattle Evaluation																	
	Dir	Dtrs	GL	BWT	200D	400D	600D	MCW	Milk	SS	D t C	CWT	EMA	Rib	P8	RBY	IMF
EBVs	+0.4	+4.5	-2.5	+4.3	+49	+86	+112	+100	+17	+1.3	-5.2	+67	+5.9	-1.1	-1.4	+1.0	+1.6
Acc	51%	46%	65%	67%	66%	65%	67%	65%	61%	67%	38%	62%	58%	65%	61%	61%	59%

Traits Observed: 400WT,SC,Scan(EMA,Rib,Rump,IMF),Genomics

Raw Structural Data - 16/06/2022										Selection Indexes	
F	R	F	R			Sheath	Muscle	Temp.			
6	6	5	6	5	5	4	C+	1	\$A	\$A-L	
									\$188	\$324	

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

SALE LOTS 25-27

Lot 25

CRAWFORD S29^{SV}

BGR21S29

Date of Birth: 19/02/2021 **Register:** HBR **Mating Type:** Natural **AMFU,CAFU,DDFU,NHFU**

TC FRANKLIN 619[#] SYDGEN TRUST 6228[#]
 WATTLETOP FRANKLIN G188^{SV} SYDGEN BLACK PEARL 2006^{PV}
 WATTLETOP BARUNAH E295^{SV} SYDGEN ANITA 8611[#]

SIRE: LGSP555 SPRYS-W FRANKLIN P555^{PV} **DAM:** BGRP3 CRAWFORD P3[#]

THE GRANGE WHEEL WRIGHT D6^{PV} ARDROSSAN EQUATOR C74^{SV}
 KANSAS TARIKU G299^{PV} BGRAHAM H959[#]
 KANSAS TARIKU V94[#] BGRAHAM X010^{SV}

TACE	Mid August 2022 TransTasman Angus Cattle Evaluation																
	Dir	Dtrs	GL	BWT	200D	400D	600D	MCW	Milk	SS	D t C	CWT	EMA	Rib	P8	RBY	IMF
EBVs	+8.2	+7.2	-7.3	+1.8	+36	+69	+90	+63	+21	+2.2	-5.7	+55	+6.1	+1.8	+1.5	-0.4	+2.2
Acc	53%	48%	68%	69%	68%	68%	69%	67%	62%	70%	40%	64%	62%	67%	63%	64%	62%

Traits Observed: 400WT,SC,Scan(EMA,Rib,Rump,IMF),Structure(Claw Set x 1, Foot Angle x 1),Genomics

Raw Structural Data - 16/06/2022										Selection Indexes	
F	R	F	R			Sheath	Muscle	Temp.		\$A	\$A-L
7	6	7	6	5	6	4	C+	3		\$185	\$307

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

Lot 26

CRAWFORD S64^{SV}

BGR21S64

Date of Birth: 24/02/2021 **Register:** HBR **Mating Type:** Natural **AMFU,CAFU,DDFU,NHFU**

H P C A INTENSITY[#] BT CROSSOVER 758N[#]
 RENNYLEA L508^{PV} SILVEIRAS CONVERSION 8064[#]
 RENNYLEA H414^{SV} EXG SARAS DREAM S609 R3[#]

SIRE: LGSP604 SPRYS-W INTENSITY P604^{PV} **DAM:** BGRM39 BGRAHAM M39[#]

WATTLETOP USA9074 C118^{PV} VERMONT BT EQUATOR C255^{SV}
 WATTLETOP BARUNAH E295^{SV} BGRAHAM BGR F442[#]
 WATTLETOP BARUNAH C136^{SV} BGRAHAM A189[#]

TACE	Mid August 2022 TransTasman Angus Cattle Evaluation																
	Dir	Dtrs	GL	BWT	200D	400D	600D	MCW	Milk	SS	D t C	CWT	EMA	Rib	P8	RBY	IMF
EBVs	+0.3	+1.9	-2.8	+4.5	+44	+78	+105	+107	+16	-0.6	-2.7	+65	+5.3	+0.0	+0.7	+0.2	+1.4
Acc	52%	47%	67%	67%	66%	65%	67%	65%	61%	67%	38%	62%	59%	65%	61%	62%	60%

Traits Observed: 400WT,SC,Scan(EMA,Rib,Rump,IMF),Genomics

Raw Structural Data - 16/06/2022										Selection Indexes	
F	R	F	R			Sheath	Muscle	Temp.		\$A	\$A-L
7	7	6	7	5	6	4	C+	1		\$142	\$271

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

Lot 27

CRAWFORD S87^{SV}

BGR21S87

Date of Birth: 3/03/2021 **Register:** HBR **Mating Type:** Natural **AMFU,CAFU,DDFU,NHFU**

TC FRANKLIN 619[#] SYDGEN TRUST 6228[#]
 WATTLETOP FRANKLIN G188^{SV} SYDGEN BLACK PEARL 2006^{PV}
 WATTLETOP BARUNAH E295^{SV} SYDGEN ANITA 8611[#]

SIRE: LGSP555 SPRYS-W FRANKLIN P555^{PV} **DAM:** BGRP32 CRAWFORD P32[#]

THE GRANGE WHEEL WRIGHT D6^{PV} VERMONT AJ D170^{SV}
 KANSAS TARIKU G299^{PV} BGRAHAM BGR G37[#]
 KANSAS TARIKU V94[#] BGRAHAM B748[#]

TACE	Mid August 2022 TransTasman Angus Cattle Evaluation																
	Dir	Dtrs	GL	BWT	200D	400D	600D	MCW	Milk	SS	D t C	CWT	EMA	Rib	P8	RBY	IMF
EBVs	+3.3	+1.7	-2.3	+3.8	+51	+90	+117	+89	+22	+1.9	-4.1	+67	+2.9	+0.7	+0.7	-0.4	+1.1
Acc	54%	49%	69%	70%	70%	69%	70%	68%	63%	71%	41%	66%	63%	69%	65%	65%	63%

Traits Observed: 400WT,SC,Scan(EMA,Rib,Rump,IMF),Structure(Claw Set x 1, Foot Angle x 1),Genomics

Raw Structural Data - 16/06/2022										Selection Indexes	
F	R	F	R			Sheath	Muscle	Temp.		\$A	\$A-L
6	6	6	6	6	5	4	C+	2		\$191	\$322

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

SALE LOTS 28-30

Lot 28 CRAWFORD S25^{SV} BGR21S25

Date of Birth: 17/02/2021 Register: HBR Mating Type: Natural AMFU,CAFU,DDFU,NHFU

H P C A INTENSITY* TE MANIA UNLIMITED U3271*
 RENNYLEA L508^{PV} ARDROSSAN UNLIMITED E59^{SV}
 RENNYLEA H414^{SV} ARDROSSAN WILCOOLA Z181*

SIRE: LGSP604 SPRYS-W INTENSITY P604^{PV} DAM: BGRG825 BGRAHAM G825*
 WATTLETOP USA9074 C118^{PV} MERRIDALE NEW FRONTIER Z19^{PV}
 WATTLETOP BARUNAH E295^{PV} BGRAHAM BGR D379*
 WATTLETOP BARUNAH C136^{SV} BGRAHAM X017*

TACE	Mid August 2022 TransTasman Angus Cattle Evaluation																
	Dir	Dtrs	GL	BWT	200D	400D	600D	MCW	Milk	SS	D t C	CWT	EMA	Rib	P8	RBY	IMF
EBVs	-1.2	+4.8	-5.3	+4.0	+44	+79	+107	+110	+17	+2.7	-4.7	+61	+7.0	-0.1	-2.7	+2.0	+0.9
Acc	51%	46%	65%	67%	65%	64%	66%	64%	61%	67%	36%	61%	57%	64%	60%	60%	58%

Traits Observed: 400WT,SC,Scan(EMA,Rib,Rump,IMF),Genomics

Raw Structural Data - 16/06/2022										Selection Indexes	
F	R	F	R			Sheath	Muscle	Temp.		\$A	\$A-L
						4	B-	3		\$138	\$273

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

Lot 29 CRAWFORD S30^{SV} BGR21S30

Date of Birth: 19/02/2021 Register: HBR Mating Type: Natural AMFU,CAFU,DDFU,NHFU

H P C A INTENSITY* TE MANIA BERKLEY B1^{PV}
 RENNYLEA L508^{PV} MILWILLAH BERKLEY J146^{SV}
 RENNYLEA H414^{SV} MILWILLAH MITTAGONG D34*

SIRE: LGSP604 SPRYS-W INTENSITY P604^{PV} DAM: BGRN33 CRAWFORD N33*
 WATTLETOP USA9074 C118^{PV} VERMONT BT EQUATOR C255^{PV}
 WATTLETOP BARUNAH E295^{PV} BGRAHAM F11*
 WATTLETOP BARUNAH C136^{SV} BGRAHAM A206*

TACE	Mid August 2022 TransTasman Angus Cattle Evaluation																
	Dir	Dtrs	GL	BWT	200D	400D	600D	MCW	Milk	SS	D t C	CWT	EMA	Rib	P8	RBY	IMF
EBVs	+7.2	+10.6	-6.0	+1.0	+36	+65	+88	+78	+16	-0.6	-4.9	+60	+5.0	+0.1	-0.9	-0.6	+2.6
Acc	50%	45%	64%	67%	66%	65%	67%	65%	61%	67%	36%	61%	58%	65%	60%	61%	59%

Traits Observed: 400WT,SC,Scan(EMA,Rib,Rump,IMF),Genomics

Raw Structural Data - 16/06/2022										Selection Indexes	
F	R	F	R			Sheath	Muscle	Temp.		\$A	\$A-L
						3	C+	2		\$170	\$298

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

Lot 30 CRAWFORD S80^{SV} BGR21S80

Date of Birth: 1/03/2021 Register: HBR Mating Type: Natural AMFU,CAFU,DD8%,NHFU

TC FRANKLIN 619* MATAURI REALITY 839*
 WATTLETOP FRANKLIN G188^{SV} LANDFALL REALITY L76^{SV}
 WATTLETOP BARUNAH E295^{SV} LANDFALL ELSA J1046^{SV}

SIRE: LGSP555 SPRYS-W FRANKLIN P555^{PV} DAM: BGRP315 CRAWFORD P315*
 THE GRANGE WHEEL WRIGHT D6^{PV} LANDFALL BROKEN BOW J673^{SV}
 KANSAS TARIKU G299^{PV} BGRAHAM M395*
 KANSAS TARIKU V94* BGRAHAM J426*

TACE	Mid August 2022 TransTasman Angus Cattle Evaluation																
	Dir	Dtrs	GL	BWT	200D	400D	600D	MCW	Milk	SS	D t C	CWT	EMA	Rib	P8	RBY	IMF
EBVs	+4.3	+6.2	-4.3	+3.7	+49	+92	+117	+90	+25	+1.5	-2.9	+68	+10.4	-2.0	-3.2	+2.7	+1.3
Acc	52%	47%	69%	71%	69%	69%	70%	68%	62%	70%	38%	65%	62%	68%	64%	64%	62%

Traits Observed: 400WT,SC,Scan(EMA,Rib,Rump,IMF),Structure(Claw Set x 1, Foot Angle x 1),Genomics

Raw Structural Data - 16/06/2022										Selection Indexes	
F	R	F	R			Sheath	Muscle	Temp.		\$A	\$A-L
						5	C+	1		\$207	\$343

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

SALE LOTS 31-33

Lot 31

CRAWFORD S22^{SV}

BGR21S22

Date of Birth: 16/02/2021 **Register:** HBR **Mating Type:** AI **AMFU,CAFU,DDFU,NHFU**
 COONAMBLE Z3^{PV} THOMAS GRADE UP 6849^{SV}
 BANGADANG WESTERN EXPRESS E10^{SV} SPRYS A GRADE K202^{PV}
 BANGADANG WILCOOLA Y7[#] COOLANA NIGHTINGALE G281[#]
SIRE: DXTK542 TEXAS KELVIN KLEIN K542^{SV} **DAM: BGRN409 CRAWFORD N409[#]**
 ARDROSSAN DIRECTION W109^{PV} VERMONT UNLIMITED Z128^{SV}
 TEXAS TOQUE D035^{PV} BGRAHAM C557[#]
 TEXAS TOQUE 2008^{SV} BGRAHAM A174[#]

TACE	Mid August 2022 TransTasman Angus Cattle Evaluation																
	Dir	Dtrs	GL	BWT	200D	400D	600D	MCW	Milk	SS	D t C	CWT	EMA	Rib	P8	RBY	IMF
EBVs	+2.6	+0.7	-7.1	+4.4	+42	+78	+100	+114	+11	+1.6	-3.0	+55	+5.4	+1.3	+2.6	-0.8	+2.5
Acc	53%	47%	80%	71%	70%	70%	71%	68%	64%	71%	39%	66%	63%	69%	65%	65%	63%

Traits Observed: GL,400WT,SC,Scan(EMA,Rib,Rump,IMF),Structure(Claw Set x 1, Foot Angle x 1),Genomics

Raw Structural Data - 16/06/2022										Selection Indexes	
F	R	F	R			Sheath	Muscle	Temp.		\$A	\$A-L
5	6	6	6	5	5	4	C+	2		\$139	\$284

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

Lot 32

CRAWFORD S117^{SV}

BGR21S117

Date of Birth: 26/03/2021 **Register:** HBR **Mating Type:** Natural **AMFU,CAFU,DDFU,NHFU**
 TE MANIA BARTEL B219^{PV} EF COMPLEMENT 8088^{PV}
 AYRVALE BARTEL E7^{PV} BGRAHAM L289^{SV}
 EAGLEHAWK JEDDA B32^{SV} VERMONT DREAM E096^{PV}
SIRE: ATZP1 THE ROCK BARTEL P1^{PV} **DAM: BGRQ59 CRAWFORD Q59[#]**
 WERNER WESTWARD 357[#] MERRIDALE GUS G110^{PV}
 THE ROCK K6^{PV} BGRAHAM K23[#]
 ABERDEEN ESTATE ALISON H61^{SV} BGRAHAM BGR G37[#]

TACE	Mid August 2022 TransTasman Angus Cattle Evaluation																
	Dir	Dtrs	GL	BWT	200D	400D	600D	MCW	Milk	SS	D t C	CWT	EMA	Rib	P8	RBY	IMF
EBVs	+2.0	+6.9	-7.9	+6.2	+56	+99	+138	+117	+18	+1.5	-2.0	+83	+9.9	-1.8	-2.1	+2.2	+0.9
Acc	50%	46%	62%	66%	67%	66%	67%	64%	59%	68%	38%	62%	59%	65%	61%	61%	59%

Traits Observed: 400WT,SC,Scan(EMA,Rib,Rump,IMF),Structure(Claw Set x 1, Foot Angle x 1),Genomics

Raw Structural Data - 16/06/2022										Selection Indexes	
F	R	F	R			Sheath	Muscle	Temp.		\$A	\$A-L
6	6	6	6	5	6	4	C+	2		\$198	\$353

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

Lot 33

CRAWFORD S104^{SV}

BGR21S104

Date of Birth: 15/03/2021 **Register:** HBR **Mating Type:** Natural **AMFU,CAFU,DDFU,NHFU**
 TE MANIA BARTEL B219^{PV} MATAURI REALITY 839[#]
 AYRVALE BARTEL E7^{PV} LANDFALL REALITY L76^{SV}
 EAGLEHAWK JEDDA B32^{SV} LANDFALL ELSA J1046^{SV}
SIRE: ATZP1 THE ROCK BARTEL P1^{PV} **DAM: BGRQ11 CRAWFORD Q11[#]**
 WERNER WESTWARD 357[#] SITZ NEW DESIGN 458N[#]
 THE ROCK K6^{PV} BGRAHAM L53[#]
 ABERDEEN ESTATE ALISON H61^{SV} VERMONT DREAM E096^{PV}

TACE	Mid August 2022 TransTasman Angus Cattle Evaluation																
	Dir	Dtrs	GL	BWT	200D	400D	600D	MCW	Milk	SS	D t C	CWT	EMA	Rib	P8	RBY	IMF
EBVs	+7.1	+6.7	-7.7	+4.3	+41	+71	+89	+63	+12	+2.1	-3.5	+55	+7.8	+0.2	-0.5	+2.0	+1.2
Acc	52%	49%	65%	68%	68%	68%	69%	66%	61%	69%	41%	64%	61%	66%	63%	63%	61%

Traits Observed: 400WT,SC,Scan(EMA,Rib,Rump,IMF),Structure(Claw Set x 1, Foot Angle x 1),Genomics

Raw Structural Data - 16/06/2022										Selection Indexes	
F	R	F	R			Sheath	Muscle	Temp.		\$A	\$A-L
7	6	6	5	5	5	5	C+	2		\$192	\$306

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

SALE LOTS 34-36

Lot 34 CRAWFORD S82^{SV} BGR21S82

Date of Birth: 1/03/2021 **Register:** HBR **Mating Type:** Natural **AMFU,CAFU,DDFU,NHFU**
 TE MANIA BARTEL B219^{PV} RENNYLEA J474^{SV}
 AYRVALE BARTEL E7^{PV} MERRIDALE MAGESTIC M3²
 EAGLEHAWK JEDDA B32^{SV} MERRIDALE STEPHIE J18²
SIRE: ATZP1 THE ROCK BARTEL P1^{PV} **DAM: BGRQ87 CRAWFORD Q87²**
 WERNER WESTWARD 357² AYRVALE BARTEL E7^{PV}
 THE ROCK K6^{PV} BGRAHAM M16²
 ABERDEEN ESTATE ALISON H61^{SV} BGRAHAM K8²

TACE	Mid August 2022 TransTasman Angus Cattle Evaluation																
	Dir	Dtrs	GL	BWT	200D	400D	600D	MCW	Milk	SS	D t C	CWT	EMA	Rib	P8	RBY	IMF
EBVs	+5.1	+4.9	-4.6	+4.0	+60	+102	+139	+100	+24	+1.5	-1.8	+81	+9.8	-1.9	-3.8	+2.5	+1.7
Acc	55%	52%	68%	72%	73%	72%	73%	70%	65%	72%	44%	68%	66%	71%	67%	68%	66%

Traits Observed: 400WT,SC,Scan(EMA,Rib,Rump,IMF),Structure(Claw Set x 1, Foot Angle x 1),Genomics

Raw Structural Data - 16/06/2022										Selection Indexes	
F	R	F	R			Sheath	Muscle	Temp.			
						5	C+	2	\$A	\$A-L	
7	6	5	6	5	5	5	C+	2	\$251	\$398	

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

Lot 35 CRAWFORD S16^{SV} BGR21S16

Date of Birth: 5/02/2021 **Register:** HBR **Mating Type:** AI **AMFU,CAFU,DDFU,NHFU**
 SCHURRTOP REALITY X723² RENNYLEA EDMUND E11^{PV}
 MATAURI REALITY 839² LANDFALL KEYSTONE K132^{PV}
 MATAURI 06663² LANDFALL ARCHER H807^{SV}
SIRE: TFAL76 LANDFALL REALITY L76^{SV} **DAM: BGRQ39 CRAWFORD Q39²**
 WK REPLAY² LANDFALL BROKEN BOW J673^{SV}
 LANDFALL ELSA J1046^{SV} CRAWFORD N51²
 LANDFALL ELSA X57² BGRAHAM L3²

TACE	Mid August 2022 TransTasman Angus Cattle Evaluation																
	Dir	Dtrs	GL	BWT	200D	400D	600D	MCW	Milk	SS	D t C	CWT	EMA	Rib	P8	RBY	IMF
EBVs	+7.3	+5.5	-5.4	+2.6	+43	+79	+105	+69	+24	+0.8	-1.6	+64	+11.0	-0.2	-2.8	+1.7	+2.2
Acc	55%	50%	83%	71%	70%	70%	70%	68%	63%	71%	41%	64%	62%	68%	64%	64%	62%

Traits Observed: GL,400WT,SC,Scan(EMA,Rib,Rump,IMF),Structure(Claw Set x 1, Foot Angle x 1),Genomics

Raw Structural Data - 16/06/2022										Selection Indexes	
F	R	F	R			Sheath	Muscle	Temp.			
						4	C+	1	\$A	\$A-L	
6	6	6	6	5	6	4	C+	1	\$204	\$321	

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

Lot 36 CRAWFORD S126^{SV} BGR21S126

Date of Birth: 14/04/2021 **Register:** HBR **Mating Type:** Natural **AMFU,CAFU,DDFU,NHFU**
 H P C A INTENSITY² BT RIGHT TIME 24J²
 RENNYLEA L508^{PV} BANQUET ETHRIDGE E083^{SV}
 RENNYLEA H414^{SV} BANQUET NANNY X093²
SIRE: LGSP604 SPRYS-W INTENSITY P604^{PV} **DAM: BGR1353 BGRAHAM L353²**
 WATTLETOP USA9074 C118^{PV} TC STOCKMAN 2164²
 WATTLETOP BARUNAH E295^{SV} BGRAHAM E953²
 WATTLETOP BARUNAH C136^{SV} IMRAN ROSEBUD U67²

TACE	Mid August 2022 TransTasman Angus Cattle Evaluation																
	Dir	Dtrs	GL	BWT	200D	400D	600D	MCW	Milk	SS	D t C	CWT	EMA	Rib	P8	RBY	IMF
EBVs	-1.6	-1.1	-1.9	+5.4	+50	+92	+125	+110	+17	+0.2	+0.2	+77	+7.2	-0.7	-1.3	+0.2	+1.7
Acc	50%	45%	64%	67%	67%	67%	67%	65%	59%	66%	37%	62%	60%	65%	62%	62%	59%

Traits Observed: 400WT,SC,Scan(EMA,Rib,Rump,IMF),Structure(Claw Set x 1, Foot Angle x 1),Genomics

Raw Structural Data - 16/06/2022										Selection Indexes	
F	R	F	R			Sheath	Muscle	Temp.			
						3	C+	2	\$A	\$A-L	
6	6	5	6	6	5	3	C+	2	\$153	\$280	

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

The suffix displayed at the end of each animal's name indicates the DNA parentage verification that has been conducted by Angus Australia.

PV : both parents have been verified by DNA

SV : the sire has been verified by DNA

DV : the dam has been verified by DNA

: DNA verification has not been conducted

E : DNA verification has identified that the sire and/or dam may possibly be incorrect, but this cannot be confirmed conclusively.



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RECESSIVE GENETIC CONDITIONS

This is information for bull buyers about the recessive genetic conditions, Arthrogyrosis Multiplex (AM), Hydrocephalus (NH), Contractural Arachnodactyly (CA) and Developmental Duplications (DD).

Putting undesirable Genetic Recessive Conditions in perspective

All animals, including humans, carry single copies (alleles) of undesirable or “broken” genes. In single copy form, these undesirable alleles usually cause no harm to the individual.

But when animals carry 2 copies of certain undesirable or “broken” alleles it often results in bad consequences. Advances in genomics have facilitated the development of accurate diagnostic tests to enable the identification and management of numerous undesirable or “broken” genes.

Angus Australia is proactive in providing its members and their clients with relevant tools and information to assist them in the management of known undesirable genes and our members are leading the industry in their use of this technology.

What are AM, NH, CA and DD?

AM, NH, CA and DD are all recessive conditions caused by “broken” alleles within the DNA of individual animals. When a calf inherits 2 copies of the AM or NH alleles their development is so adversely affected that they will be still-born.

In other cases, such as CA and DD, calves carrying 2 copies of the broken allele may reach full-term. In such cases the animal may either appear relatively normal, or show physical symptoms that affect their health and/or performance.

How are the conditions inherited?

Research in the U.S. and Australia indicates that AM, NH, CA and DD are simply inherited recessive conditions. This means that a single gene (or pair of alleles) controls the condition.

For this mode of inheritance two copies of the undesirable allele need to be present before the condition is seen; in which case you may get an abnormal calf. A more common example of a trait with a simple recessive pattern of inheritance is black and red coat colour.

Animals with only one copy of the undesirable allele (and one copy of the normal form of the allele) appear normal and are known as “carriers”.

What happens when carriers are mated to other animals?

Carriers, will on average, pass the undesirable allele to a random half (50 %) of their progeny.

When a carrier bull and carrier cow is mated, there is a 25% chance that the resultant calf will inherit two normal alleles, a 50% chance that the mating will result in a carrier (i.e. with just 1 copy of the undesirable allele), and a 25% chance that the calf will inherit two copies of the undesirable gene.

If animals tested free of the undesirable gene are mated to carrier animals the condition will not be expressed at all. All calves will appear normal, but approximately half (50%) could be expected to be carriers.

How is the genetic status of animals reported?

DNA-based diagnostic tests have been developed which can be used to determine whether an individual animal is either a carrier or free of the alleles resulting in AM, NH, CA or DD.

Angus Australia uses advanced software to calculate the probability of (untested) animals to being carriers of AM, NH, CA or DD. The software uses the test results of any relatives in the calculations and the probabilities may change as new results for additional animals become available.

The genetic status of animals is being reported using five categories:

AMF = Tested AM free

AMFU = Based on Pedigree AM free - Animal has not been tested

AM_% = _% probability the animal is an AM carrier

AMC = Tested AM-Carrier

AMA = AM-Affected

For NH, CA and DD, simply replace AM above with NH, CA or DD.

Registration certificates and the Angus Australia web-database display these codes. This information is displayed on the animal details page and can be accessed by conducting a “Database Search” from the Angus Australia website or looking up individual animals listed in a sale catalogue.

Implications for Commercial Producers

Your decision on the importance of the genetic condition status of replacement bulls should depend on the genetics of your cow herd (which bulls you previously used) and whether some female progeny will be retained or sold as breeders.

Most Angus breeders are proactive and transparent in managing known genetic conditions, endeavouring to provide the best information available. The greatest risk to the commercial sector from undesirable genetic recessive conditions comes from unregistered bulls with unknown genetic background. The genetic condition testing that Angus Australia seedstock producers are investing in provides buyers of registered Angus bulls with unmatched quality assurance.

For further information contact Angus Australia’s Breed Development & Extension Manager on (02) 6773 4618.

DISCLAIMER & PRIVACY INFORMATION

IMPORTANT NOTICES FOR PURCHASERS

Attention Buyer

Animal details included in this catalogue, including but not limited to pedigree, DNA information, Estimated Breeding Values (EBVs) and Index values, are based on information provided by the breeder or owner of the animal. Whilst all reasonable care has been taken to ensure that the information provided in this catalogue was correct at the time of publication, Angus Australia will assume no responsibility for the accuracy or completeness of the information, nor for the outcome (including consequential loss) of any action taken based on this information.

Parent Verification Suffixes

The animals listed within this catalogue including its pedigree, are displaying a Parent Verification Suffix which indicates the DNA parent verification status that has been conducted on the animal. The Parent Verification Suffixes that will appear at the end of each animal's name.

The suffix displayed at the end of each animal's name indicates the DNA parentage verification that has been conducted by Angus Australia.

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Privacy Information

In order for Angus Australia to process the transfer of a registered animal in this catalogue, the vendor will need to provide certain information to Angus Australia and the buyer consents to the collection and disclosure of that information by Angus Australia in certain circumstances. If the buyer does not wish for his or her information to be stored and disclosed by Angus Australia, the buyer must complete the form included below and forward it to Angus Australia. If the form is not completed, the buyer will be taken to have consented to the disclosure of such information.

.....

BUYERS OPTION TO OPT OUT OF DISCLOSING PERSONAL INFORMATION TO ANGUS AUSTRALIA

If you do not complete this form, you will be taken to have consented to Angus Australia using your name, address and phone number for the purposes of effecting a change of registration of the animal(s) that you have purchased, maintaining its database and disclosing that information to its members on its website.

I, the buyer of animals with the following idents.....

.....(name) do not consent to Angus Australia using my name, address and phone number for the purposes of effecting a change of registration of the animals I have mentioned above that I have purchased, maintaining its database and disclosing that information to its members on its website.

Name: Signature:

Date:

Please forward this completed consent form to Angus Australia, 86 Glen Innes Road, Armidale NSW 2350.



If you have any questions or queries regarding any of the above, please contact Angus Australia on (02) 6773 4600 or email office@angusaustralia.com.au

BUYERS INSTRUCTION SLIP

CRAWFORD ANGUS BULL SALE 2022

PURCHASE DETAILS

NAME

ADDRESS

POSTCODE

TELEPHONE FAX

SIGNATURE

EMAIL

PLEASE SEND ACCOUNTS DIRECT TO ME **OR**

AGENT

DELIVERY INSTRUCTIONS

LOTS PURCHASED

INSURANCE

SPECIAL INSTRUCTIONS.....

.....

.....

REGISTRATION TRANSFER DETAILS

DO YOU WISH TO HAVE THE ANGUS SOCIETY OF AUSTRALIA'S REGISTRATION OF YOUR BULL TRANSFERRED INTO YOUR NAME?

YES NO SOCIETY ID NO:.....

ACCOUNT SETTLEMENT

THE SIGNATURE OF YOUR AGENT IS REQUIRED IF YOU ELECT TO SETTLE THROUGH A AGENT.

AGENT..... SIGNATURE.....

DATE: Friday 9th September 2022

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WITH 150 YEARS OF EXPERIENCE, WE UNDERSTAND YOUR INSURANCE NEEDS.

Because I live and work in the area, I will tailor an insurance solution that will best suit you.

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- Crop
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Insurance Manager

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