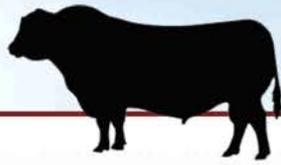


Quality



Quiet

QUANDEN SPRINGS

Angus Stud

Noel & Robyn Stoney
John & Kimberley Stoney



ANNUAL BULL SALE

Monday 14th February 2022

1pm Redmond WA

www.quandensprings.com.au





Contact Details

Noel Stoney: 0447 453 242

John Stoney: 0417 241 111

Noel and Robyn Stoney: nrstoney@bigpond.com

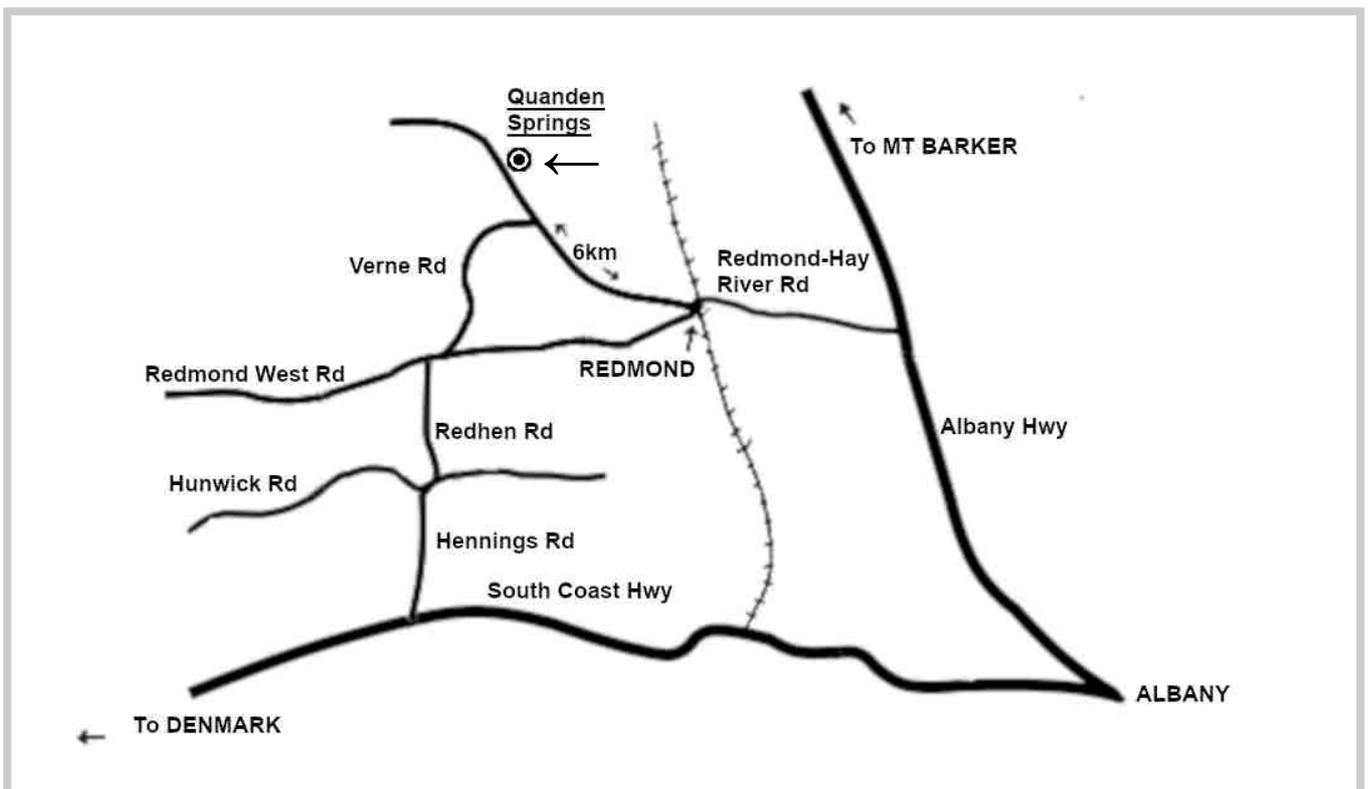
www.quandensprings.com.au

Presale Inspection

Visitors are welcome to attend an inspection day of sale bulls on 7th February 10:00am to 1:00pm

"Quanden Springs"

1406 Redmond-Hay River Rd, REDMOND WA





Quanden Springs Angus Stud

Herd ID: WQC Brand: QS

Quanden Springs Angus Stud was founded in 2012.

2022 will be our 4th on property auction. The bulls in this year's sale are presenting well after a good finish to the season. The group has a good temperament and are easy to handle. The catalogue has a good mix of bulls suitable for heifers and mature cows.

We aim to produce quality, quiet and affordable bulls, considering structure, phenotype and EBVs, using fertile, easy birthing cows to produce calves with good growth.

Angus Australia are now adding Angle and Claw EBVs to Trans Tasman Angus Cattle Evaluation EBVs, when genomics are submitted. Angle and Claw TACE EBVs are proving to be a valuable guide for feet structure. Millah Murrah Nugget N266's progeny are showing good feet structure.

Docility evaluations have been submitted to Angus Australia over a number of years. This increases the ability to select for temperament as the EBVs are taken from multiple generations.

We have continued to develop and refine our herd through a tailored AI program using a mix of sires from Australia and USA, with backup bulls from Quanden Springs and Esslemont Studs. All bulls have had HD50K DNA tests and are sire verified and parent verified when possible.

Buyers can have confidence to purchase bulls ready for work.

Complimentary light lunch will be available

prior to sale on

Monday 14th February 2022.



Quanden Springs 2022 Bull Sale

Bio Security J-BAS 8 accredited.

Herd Health

To keep bulls healthy through mating they have been vaccinated using Pestigard, Ultravac 7 in 1 and Vibrovax. All bulls tested negative to BVDV.

Sale Bulls have been treated with Multimin Evolution and B12.

Genetic Status

All bulls sold are free of genetic condition AM, CA, DD, NH, by test or pedigree.

Measurements & Observations

Sale bulls are up to date with Angus Australia's recommended weighing at Birth, 200D, 400D and 600D. Gestation Length, Calving Ease, Docility and Genomics are also reported to Angus Australia.

EMA, IMF, Rib and Rump scanning, and scrotal measurements are conducted by Ben Glatz Ultrasound Service, Lucindale, SA.

Semen Testing

All bulls have been semen tested in Jan 2022 and are fit for service, testing was conducted by Nutrien Breeding Services.

Retained Semen Rights

Quanden Springs Angus is retaining one third semen interest of all bulls sold in this sale. Unless otherwise arranged.

Guarantee

All bulls offered are guaranteed to be fertile and capable of natural service at the date of sale and for a period of six months following. This guarantee does not cover injury, disease or death. The vendor retains the right to request veterinary confirmation of any claim.

Insurance

Insurance risk of animals sold at auction transfers to the purchaser at the end of the sale, including animals remaining at vendor's property. Purchasers are advised to insure their animals at the completion of the sale.

Liability

All persons attending this sale do so at their own risk. The owners, auctioneer and sale staff assume no liability for property or any accidents that may occur.

Delivery

The Vendor will deliver bulls to the purchaser's property within a radius of 100km of Albany. Written instructions can be completed on the Buyer's Instruction Slip at the back of the book.



Quanden Springs 2022 Bull Sale

29 Angus Bulls
Herd Book Registered (HBR)

14th February 2022

Inspection From 11 am
Sale Commencement at 1 pm

On property at "**Quanden Springs**" 1406 Redmond-Hay River Rd
REDMOND WA 6327

Auction System

Sale procedure will follow normal auction system.

Selling Agent Details:

Nutrien
Ag Solutions™

Terry Zambonetti M: 0427 775 182
email: terry.zambonetti@nutrien.com.au

Bob Pumphrey M: 0428 428 329

Please bring this catalogue with you to the sale.



What is the TransTasman Angus Cattle Evaluation?

The TransTasman Angus Cattle Evaluation is the genetic evaluation program adopted by Angus Australia for Angus and Angus influenced beef cattle. The TransTasman Angus Cattle Evaluation 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).

The TransTasman Angus Cattle Evaluation is an international genetic evaluation and includes pedigree, performance and genomic information from the Angus Australia and Angus New Zealand databases, along with selected information from the American and Canadian Angus Associations.

The TransTasman Angus Cattle Evaluation utilises a range of genetic evaluation software, including the internationally recognised BLUPF90 family of programs, and BREEDPLAN® beef genetic evaluation analytical software, as 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 an 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 recorded with Angus Australia.

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 page.

UNDERSTANDING ESTIMATED BREEDING VALUES (EBVS)

Calving Ease	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.
	CEDir	%	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.
Feed/Temp.	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	\$A	\$	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 market end-point, but identifies animals that will improve overall net profitability in the majority of commercial, self replacing, grass and grain finishing beef production systems.	Higher selection indexes indicate greater profitability.
	\$A-L	\$	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 market end-point, but identifies animals that will improve overall net profitability in the majority of commercial, self replacing, grass and grain finishing beef production systems. The \$A-L index is similar to the \$A index but is modelled on a production system where feed is surplus to requirements for the majority of the year, or the cost of supplying additional feed when animal feed requirements increase is low. While the \$A aims to maintain mature cow weight, the \$A-L does not aim to limit the increase in mature cow weight as there is minimal cost incurred if the feed maintenance requirements of the female breeding herd increase as a result of selection decisions.	Higher selection indexes indicate greater profitability.



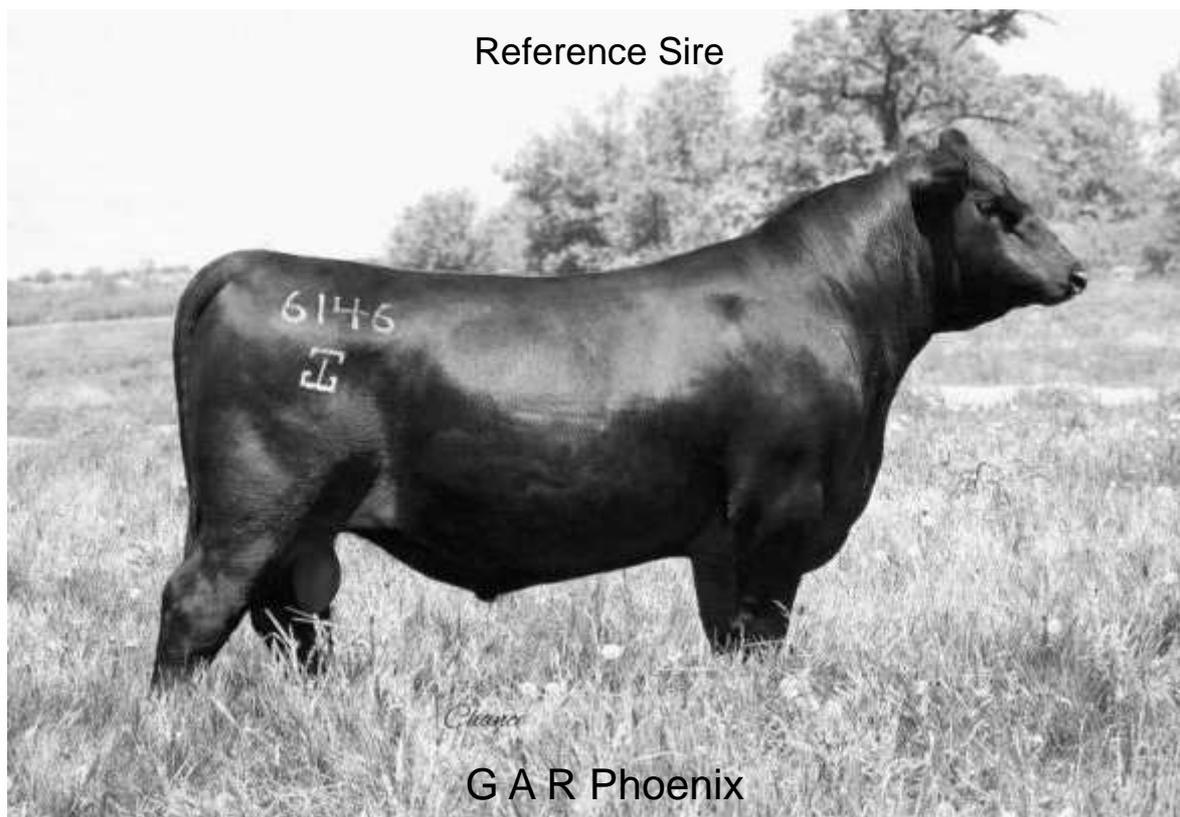
EBV Quick Reference for Quanden Springs Reference Sires

Animal Ident	Calving Ease			Growth					Fertility				Carcase				Feed		Temp.		Structural		Selection Indexes	
	CEDir	CEDirs	GL	BWT	200	400	600	MCW	Milk	SS	DTC	CWT	EMA	RIB	P8	RBY	IMF	NFI-F	Doc	Angle	Claw	\$A	\$A-L	
USA17082311	+9.6	+9.4	-8.8	+2.2	+51	+87	+108	+71	+23	-0.2	-6.0	+60	+10.7	+1.3	+1.3	-0.2	+2.0	+0.50	-2	+0.94	+0.82	\$255	\$395	
WWEN12	+8.5	+4.0	-8.4	+3.4	+46	+86	+116	+82	+24	+1.6	-5.8	+61	+15.7	-1.0	-1.8	+2.5	+2.0	+0.46	+0	+0.94	+0.88	\$239	\$382	
WVEM26	-3.3	-8.3	-5.5	+6.2	+60	+107	+140	+139	+11	+2.5	-11.4	+94	+5.4	-0.4	-1.2	+0.5	+3.3	-0.03	-24	+1.00	+1.22	\$233	\$410	
USA18636106	+7.4	+4.4	-4.0	+2.9	+72	+130	+164	+137	+23	+4.5	-6.2	+98	+10.1	-1.1	-1.2	+2.9	+3.0	+0.13	+8	+0.90	+1.04	\$328	\$541	
USA17623660	+3.3	+4.6	-3.2	+3.6	+61	+101	+130	+108	+22	+1.9	-6.3	+69	+6.1	-0.6	-1.0	-0.7	+4.2	+0.56	+19	+0.98	+0.90	\$257	\$421	
USA17328461	+6.7	+1.5	-3.1	+2.4	+52	+93	+109	+89	+18	+4.0	-6.2	+68	+8.3	-0.5	+1.2	+1.8	+2.9	-0.29	+12	+0.86	+1.10	\$264	\$415	
TFAK132	+4.2	+6.9	-8.2	+2.2	+59	+111	+148	+131	+21	+0.7	-6.2	+99	+7.2	+1.7	-1.6	+0.2	+1.9	+0.45	+11	+1.18	+0.80	\$235	\$425	
USA17666102	+11.2	+11.0	-4.1	+2.0	+52	+93	+115	+96	+16	+1.3	-2.6	+74	+9.0	+1.0	+0.2	+0.1	+2.1	+0.49	-9	+0.82	+0.86	\$219	\$378	
NMMN266	+7.8	+2.7	-8.3	+3.6	+50	+97	+126	+103	+22	+4.4	-4.8	+77	+2.5	-0.7	-3.7	+0.8	+3.1	+0.44	+35	+0.82	+0.28	\$202	\$360	
CXBK1	+9.8	-0.7	-11.1	+1.8	+56	+101	+129	+107	+20	+3.6	-3.9	+65	+5.6	+0.1	-2.0	+1.4	+1.7	+0.06	+8	+1.02	+1.00	\$223	\$381	
USA17607585	+2.6	+6.1	-9.5	+5.1	+67	+119	+156	+137	+11	+1.7	-3.4	+81	+12.4	-0.1	-0.9	+2.0	+2.6	+0.43	-10	+1.08	+1.40	\$275	\$467	
TACE 	+2.2	+2.6	-4.7	+4.1	+50	+90	+117	+101	+17	+2.1	-4.7	+66	+6.2	+0.0	-0.4	+0.5	+2.1	+0.19	+7	+0.98	+0.84	+195	+337	



List of Bulls by Reference Sires and Lot Numbers

<p>USA17082311</p> <p>WQCR19 Lot 17</p>	<p><u>EF Commando 1366</u></p>	<p>WWEN12</p> <p>WQCR58, WQCR61, WQCR63 Lot 26, Lot 27, Lot 28</p>	<p><u>Esslemont General N12</u></p>
<p>USA17328461</p> <p>WQCR10, WQCR23, WQCR30, WQCR42 Lot 4, Lot 11, Lot 15, Lot 18</p>	<p><u>G A R Sure Fire</u></p>	<p>USA18636106</p> <p>WQCR36, WQCR43 Lot 1, Lot 13</p>	<p><u>G A R Phoenix</u></p>
<p>USA17623660</p> <p>WQCR45, WQCR38, WQCR44 Lot 5, Lot 7, Lot 12</p>	<p><u>G A R Prophecy</u></p>	<p>WWEM26</p> <p>WQCR65 Lot 29</p>	<p><u>Esslemont Grade M26</u></p>
<p>TFAK132</p> <p>WQCR37, WQCR39, WQCR35 Lot 6, Lot 9, Lot 23,</p>	<p><u>Landfall Keystone</u></p>	<p>USA17666102</p> <p>WQCR18, WQCR17 Lot 10, Lot 22</p>	<p><u>LD Capitalist 316</u></p>
<p>NMMN266</p> <p>WQCR47, WQCR1, WQCR29, WQCR21 Lot 3, Lot 8, Lot 16, Lot 19,</p>	<p><u>Millah Murrah Nugget N266</u></p>	<p>USA17607585</p> <p>WQCR26 Lot 24</p>	<p><u>V A R Foreman</u></p>
<p>CXBK1</p> <p>WQCR15, WQCR5, WQCR22, WQCR2, WQCR51 Lot 2, Lot 14, Lot 20, Lot 21, Lot 25</p>	<p><u>Prime Katapult K1</u></p>		



Quality  Quiet

QUANDEN SPRINGS

Angus Stud

Reference Sire



LD Capitalist 316
USA17666102

Reference Sire



Prime Katapult K1
CXBK1

Reference Sire



Millah Murrah Nugget N266
NMMN266

Reference Sire



G A R Sure Fire
USA17328461

Reference Sire



G A R Prophecy
USA17623660

Reference Sire



EF Commando 1366
USA17082311



Lot 1 QUANDEN SPRINGS RORY R36^{PV} WQCR36

DOB: 01/03/2020 Registration Status: HBR Mating Type: AI Genetic Status: AMFU,CAFU,DDFU,NHFU
 CONNEALY IN SURE 8524#
 G A R SURE FIRE^{SV} QUANDEN HOOVER LAD L1^{SV}
 CHAIR ROCK 5050 G A R 8086# MONTEREY VANILLA LASS Z78#
Sire: USA18636106 G A R PHOENIX^{PV} **Dam: WQCN8 QUANDEN BELLA N8^{PV}**
 G A R PROPHET^{SV} TE MANIA FOE F734^{SV}
 G A R PROPHET N744# QUANDEN BELLA K7^{SV}
 G A R DAYBREAK 440# STRAHTAY ANNABELLE E198#

January 2022 TransTasman Angus Cattle Evaluation

TACE	Dir	Dtrs	GL	BW	200 W	400 W	600 W	MCW	Milk	SS
EBV	+5.4	+0.9	-5.1	+4.3	+70	+120	+158	+134	+25	+2.6
ACC	54%	46%	84%	73%	71%	71%	72%	69%	63%	72%
Perc	28	71	42	55	1	1	2	7	5	26
D t C	CWT	EMA	Rib	Rump	RBV	IMF	NFI-F	Doc	Angle	Claw
-5.3	+88	+6.1	+1.0	-0.4	+0.8	+2.0	-0.10	+13	+1.00	+1.08
39%	66%	64%	68%	65%	65%	63%	56%	52%	67%	66%
37	3	49	21	49	36	51	17	30	56	89

Selection Indexes

\$A	\$A-L
\$273	\$464
2	1

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

Notes: Excellent \$A and \$A-L and Growths raw data. 200D, 400D and 600D EBVs in Top 1 and 2%. Milk and Cwt EBVs excellent. Scrotal size 38cm. Birth weight 45kg.

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

Lot 2 QUANDEN SPRINGS KATAPALT R15^{PV} WQCR15

DOB: 24/02/2020 Registration Status: HBR Mating Type: AI Genetic Status: AMFU,CAFU,DDFU,NHFU
 S A V FINAL ANSWER 0035#
 S A V THUNDERBIRD 9061^{SV} EF COMPLEMENT 8088^{PV}
 S A V EMBLYNETTE 7411# EF COMMANDO 1366^{PV}
 RIVERBEND YOUNG LUCY W1470#
Sire: CXBK1 PRIME KATAPALT K1^{SV} **Dam: WQCP34 QUANDEN SPRINGS HEIDI P34^{SV}**
 TE MANIA EMPEROR E343^{PV} STRAHTAY FAIRGROUND F174^{SV}
 PRIME JEDDA H81# STRAHTAY BENHILDA J149#
 PRIME JEDDA E36# STRAHTAY BENHILDA G29#

January 2022 TransTasman Angus Cattle Evaluation

TACE	Dir	Dtrs	GL	BW	200 W	400 W	600 W	MCW	Milk	SS
EBV	+0.5	-1.4	-5.6	+6.0	+69	+115	+160	+139	+20	+2.7
ACC	57%	51%	83%	73%	71%	71%	72%	68%	65%	72%
Perc	68	86	34	87	1	3	1	5	27	22
D t C	CWT	EMA	Rib	Rump	RBV	IMF	NFI-F	Doc	Angle	Claw
-2.9	+80	+5.8	-2.0	-4.2	+2.0	+1.7	-0.10	+3	+1.08	+1.02
40%	65%	63%	68%	65%	65%	63%	53%	54%	68%	69%
80	10	54	94	99	6	64	17	65	73	82

Selection Indexes

\$A	\$A-L
\$232	\$403
17	11

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

Notes: Very Good \$A and \$A-L. Suit Mature cows. Very good Growths raw data. Excellent 200D, 400D and 600D EBVs - Top 1% and 3% of all growths. Very good Cwt and RBV and has a quiet nature. Scrotal size 38.5cm. Birth weight 41kg.

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

Lot 3 QUANDEN SPRINGS RILEY R47^{PV} WQCR47

DOB: 12/03/2020 Registration Status: HBR Mating Type: AI Genetic Status: AMFU,CAFU,DDFU,NHFU
 TE MANIA EMPEROR E343^{PV} ARDROSSAN DIRECTION D196^{PV}
 ASCOT HALLMARK H147^{PV} KOOJAN HILLS GENESIS H202^{SV}
 MILLAH MURRAH BRENDA F123^{PV} KOOJAN HILLS D151#
Sire: NMMN266 MILLAH MURRAH NUGGET N266^{PV} **Dam: WQCL6 QUANDEN EDWINA L6^{SV}**
 BOOROOMOOKA THEO T030^{SV} MONTEREY BEAR W51#
 MILLAH MURRAH HONEY H159^{SV} MONTEREY EDWINA A125#
 MILLAH MURRAH HONEY F120^{PV} LITTLE MEADOWS EDWINA P2+94#

January 2022 TransTasman Angus Cattle Evaluation

TACE	Dir	Dtrs	GL	BW	200 W	400 W	600 W	MCW	Milk	SS
EBV	+8.1	+6.4	-1.3	+1.3	+41	+90	+112	+89	+19	+3.5
ACC	54%	47%	84%	73%	72%	71%	72%	68%	62%	67%
Perc	9	16	93	5	88	48	62	71	32	7
D t C	CWT	EMA	Rib	Rump	RBV	IMF	NFI-F	Doc	Angle	Claw
-4.3	+66	+5.2	-0.4	-1.1	+0.4	+2.5	+0.50	+36	+0.84	+0.52
39%	66%	64%	69%	65%	65%	64%	54%	54%	60%	57%
57	52	65	61	68	53	33	84	2	19	4

Selection Indexes

\$A	\$A-L
\$190	\$342
58	50

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

Notes: Good Calving Ease. EBVs indicate suitable for heifers. Good EMA and IMF raw data. Excellent Docility EBV with a placid nature. Sound Feet EBVs. Scrotal size 38cm. Birth weight 34kg.

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



Lot 4 QUANDEN SPRINGS ROCKET R10^{PV} WQCR10

DOB: 22/02/2020 Registration Status: HBR Mating Type: AI Genetic Status: AMFU,CAFU,DDFU,NHFU

MYTTY IN FOCUS# TE MANIA BERKLEY B1^{PV}
 CONNEALY IN SURE 8524# AYRVALE GENERAL G18^{PV}
 ENTREENA OF CONANGA 657# AYRVALE EASE E3^{PV}

Sire: USA17328461 G A R SURE FIRE^{SV} Dam: WWEL17 ESSELMONT LOPHIE L17^{SV}

G A R NEW DESIGN 5050# ESSELMONT ADA G4^{PV}
 CHAIR ROCK 5050 G A R 8086# ESSELMONT JIGGY J21#
 CHAIR ROCK GRID MAKER 2107# ESSELMONT DOOLEY D18#

January 2022 TransTasman Angus Cattle Evaluation

TACE	Dir	Dtrs	GL	BW	200 W	400 W	600 W	MCW	Milk	SS
EBV	+3.4	+2.8	-4.6	+4.9	+57	+98	+132	+130	+13	+3.6
ACC	62%	55%	73%	73%	72%	72%	73%	71%	68%	69%
Perc	45	53	51	68	16	23	19	9	83	6
D t C	CWT	EMA	Rib	Rump	RBV	IMF	NFI-F	Doc	Angle	Claw
-5.8	+73	+3.3	-1.7	-1.1	+1.8	+1.8	-0.59	-1	+0.78	+0.86
48%	70%	68%	71%	68%	70%	68%	61%	59%	70%	70%
29	27	90	91	68	8	60	1	77	11	54

Selection Indexes

\$A	\$A-L
\$211	\$385
36	19

Traits Observed:

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

Notes: Good Growth EBVs. RBV and Feed Efficiency very good. Very good Scrotal EBVs. Scrotal size 39cm. Birth weight 33kg. Twin.

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

Lot 5 QUANDEN SPRINGS ROSTYN R45^{SV} WQCR45

DOB: 05/03/2020 Registration Status: HBR Mating Type: AI Genetic Status: AMFU,CAFU,DDFU,NHFU

C R A BEXTOR 872 5205 608# TE MANIA BERKLEY B1^{PV}
 G A R PROPHET^{SV} ESSELMONT BERKLEY J5^{PV}
 G A R OBJECTIVE 1885# ESSELMONT GRETEL G8^{SV}

Sire: USA17623660 G A R PROPHECY^{SV} Dam: WWEL23 ESSELMONT LOLLYPOP L23#

B/R AMBUSH 28# TE MANIA BERKLEY B1^{PV}
 G A R 28 AMBUSH 181# ESSELMONT HERMY H6^{SV}
 G A R PREDESTINED 1869# ESSELMONT EVITA E5#

January 2022 TransTasman Angus Cattle Evaluation

TACE	Dir	Dtrs	GL	BW	200 W	400 W	600 W	MCW	Milk	SS
EBV	+7.7	+4.3	-1.8	+2.1	+38	+61	+73	+47	+16	+1.2
ACC	59%	54%	83%	72%	71%	71%	72%	70%	66%	66%
Perc	12	36	90	11	95	99	99	99	60	83
D t C	CWT	EMA	Rib	Rump	RBV	IMF	NFI-F	Doc	Angle	Claw
-7.1	+43	+8.6	+2.3	-0.5	-0.6	+3.0	+0.85	+11	+1.02	+0.94
44%	67%	65%	69%	66%	67%	65%	56%	56%	67%	67%
12	99	16	5	52	87	18	98	39	60	70

Selection Indexes

\$A	\$A-L
\$202	\$306
45	75

Traits Observed:

GL,BWT,400WT, 600WT,SC, Scan(EMA,Rib,Rump,IMF),DOC,Genomics

Notes: Good Calving Ease. Good EMA EBVs. Very Good Rib Fat EBVs with good marbling raw data. Scrotal size 37cm. Birth weight 34kg.

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

Lot 6 QUANDEN SPRINGS KEYSTONE R37^{PV} WQCR37

DOB: 02/03/2020 Registration Status: HBR Mating Type: AI Genetic Status: AMFU,CAFU,DDFU,NHFU

BOOROOMOOKA UNDERTAKEN Y145^{PV} TE MANIA BERKLEY B219^{PV}
 RENNYLEA EDMUND E11^{PV} AYRVALE BARTEL E7^{PV}
 LAWSONS HENRY VIII Y5^{SV} EAGLEHAWK JEDDA B32^{SV}

Sire: TFAK132 LANDFALL KEYSTONE K132^{PV} Dam: WQCP36 QUANDEN SPRINGS ALICE P36^{SV}

S A V FRONT RUNNER 0713# DEER VALLEY ALL IN^{SV}
 LANDFALL ARCHER H807^{SV} QUANDEN ALICE M7#
 LANDFALL ARCHER X9^{PV} MONTEREY VANILLA LASS H31^{SV}

January 2022 TransTasman Angus Cattle Evaluation

TACE	Dir	Dtrs	GL	BW	200 W	400 W	600 W	MCW	Milk	SS
EBV	+4.5	+7.1	-3.4	+1.8	+49	+93	+114	+77	+24	+1.0
ACC	63%	57%	83%	73%	72%	71%	72%	70%	67%	72%
Perc	36	11	71	9	52	40	56	88	8	88
D t C	CWT	EMA	Rib	Rump	RBV	IMF	NFI-F	Doc	Angle	Claw
-7.3	+75	+9.2	+1.9	+0.5	-0.4	+2.6	+0.45	+0	+1.04	+1.00
45%	68%	66%	70%	67%	67%	66%	57%	59%	69%	69%
10	21	12	8	26	83	29	80	73	65	80

Selection Indexes

\$A	\$A-L
\$247	\$390
8	16

Traits Observed:

GL,BWT,200WT, 400WT,600WT,SC, Scan(EMA,Rib,Rump,IMF),DOC,Genomics

Notes: Very good \$A and \$A-L. Good Calving ease. Very good Milk and EMA with positive fat EBVs. Good marbling raw data. Scrotal size 36cm. Birth weight 36kg.

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



Lot 7 QUANDEN SPRINGS RUPERT R38^{SV} WQCR38

DOB: 02/03/2020 Registration Status: HBR Mating Type: AI Genetic Status: AMFU,CAFU,DDFU,NHFU
 C R A BEXTOR 872 5205 608[#] G A R RETAIL PRODUCT[#]
 G A R PROPHET^{SV} CONNEALY MENTOR 7374^{SV}
 G A R OBJECTIVE 1885[#] EXECUTA OF CONANGA 939[#]
Sire: USA17623660 G A R PROPHECY^{SV} **Dam: WKGK178 DIAMOND TREE MENTOR K178[#]**
 B/R AMBUSH 28[#] DIAMOND TREE RIGHT TIME D210^{SV}
 G A R 28 AMBUSH 181[#] DIAMOND TREE RIGHT TIME F4[#]
 G A R PREDESTINED 1869[#] DIAMOND TREE WARWICK D56[#]

January 2022 TransTasman Angus Cattle Evaluation

TACE	Dir	Dtrs	GL	BW	200 W	400 W	600 W	MCW	Milk	SS
EBV	+1.3	+2.6	-4.6	+3.6	+54	+91	+117	+108	+17	+1.0
ACC	59%	54%	83%	74%	71%	71%	73%	69%	66%	71%
Perc	63	55	51	37	25	45	48	36	54	88
D t C	CWT	EMA	Rib	Rump	RBY	IMF	NFI-F	Doc	Angle	Claw
-6.0	+59	+4.4	+0.9	+1.5	-1.3	+2.6	+0.18	+12	+0.90	+0.82
42%	66%	63%	68%	65%	65%	63%	54%	57%	69%	69%
26	76	78	23	10	96	29	49	34	31	45

Selection Indexes

\$A	\$A-L
\$205	\$355
42	39

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

Notes: A stand out as a calf, he has grown into a well balanced bull with above average raw data for actual weights and scans. Scrotal size 38cm. Birth weight 40kg.

Purchaser: \$:

Lot 8 QUANDEN SPRINGS RAZOR R1^{SV} WQCR1

DOB: 12/02/2020 Registration Status: HBR Mating Type: AI Genetic Status: AMFU,CAFU,DDFU,NHFU
 TE MANIA EMPEROR E343^{PV} TE MANIA AMBASSADOR A134^{SV}
 ASCOT HALLMARK H147^{PV} TUWHARETOA REGENT D145^{PV}
 MILLAH MURRAH BRENDA F123^{PV} LAWSONS HENRY VIII Y5^{SV}
Sire: NMMN266 MILLAH MURRAH NUGGET N266^{PV} **Dam: WWEK17 ESSELMONT KAZA K17[#]**
 BOOROOMOOKA THEO T030^{SV} LAWSONS GAR FAIR DINKUM Z197^{PV}
 MILLAH MURRAH HONEY H159^{SV} ESSELMONT DESLYN D7^{SV}
 MILLAH MURRAH HONEY F120^{PV} ESSELMONT AONNA A15^{PV}

January 2022 TransTasman Angus Cattle Evaluation

TACE	Dir	Dtrs	GL	BW	200 W	400 W	600 W	MCW	Milk	SS
EBV	+8.8	-0.8	-11.5	+2.7	+39	+73	+96	+78	+19	+2.7
ACC	57%	51%	83%	73%	71%	71%	72%	68%	63%	67%
Perc	6	82	1	19	94	92	89	86	35	22
D t C	CWT	EMA	Rib	Rump	RBY	IMF	NFI-F	Doc	Angle	Claw
-4.4	+56	+1.7	+0.5	+0.2	+0.5	+3.0	+0.41	+7	+0.80	+0.70
43%	66%	64%	69%	65%	65%	64%	55%	58%	64%	63%
55	85	97	33	33	49	18	76	51	13	21

Selection Indexes

\$A	\$A-L
\$186	\$308
62	74

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

Notes: Good Calving Ease EBVs. EBVs indicate suitable for heifers. Good sound feet EBVs. Son of one of our older cows and Millah Murrah Nugget. Good marbling raw data. Scrotal Size 40cm. Birth weight 34kg.

Purchaser: \$:

Lot 9 QUANDEN SPRINGS ROMEO R39^{SV} WQCR39

DOB: 02/03/2020 Registration Status: HBR Mating Type: AI Genetic Status: AMFU,CAFU,DDFU,NHFU
 BOOROOMOOKA UNDERTAKEN Y145^{PV} AYRVALE BARTEL E7^{PV}
 RENNYLEA EDMUND E11^{PV} DENHOLM GLEN G10 BARTEL J41^{PV}
 LAWSONS HENRY VIII Y5^{SV} DENHOLM GLEN D24 AFRICA G10[#]
Sire: TFAK132 LANDFALL KEYSTONE K132^{PV} **Dam: WWEN20 ESSELMONT NARLY N20[#]**
 S A V FRONT RUNNER 0713[#] AYRVALE GENETIC G11^{PV}
 LANDFALL ARCHER H807^{SV} ESSELMONT LILLY L1^{SV}
 LANDFALL ARCHER X9^{PV} ESSELMONT GEORGINA G13[#]

January 2022 TransTasman Angus Cattle Evaluation

TACE	Dir	Dtrs	GL	BW	200 W	400 W	600 W	MCW	Milk	SS
EBV	+2.4	+1.3	-2.6	+2.8	+54	+101	+129	+105	+22	+0.7
ACC	61%	54%	83%	73%	71%	71%	72%	70%	66%	72%
Perc	54	67	82	21	27	17	23	42	15	94
D t C	CWT	EMA	Rib	Rump	RBY	IMF	NFI-F	Doc	Angle	Claw
-6.7	+75	+6.9	-0.3	-1.1	+0.3	+2.2	+0.00	+6	+0.94	+0.84
43%	68%	65%	70%	66%	67%	65%	57%	59%	67%	66%
16	22	36	57	68	58	43	27	55	40	50

Selection Indexes

\$A	\$A-L
\$231	\$387
17	18

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

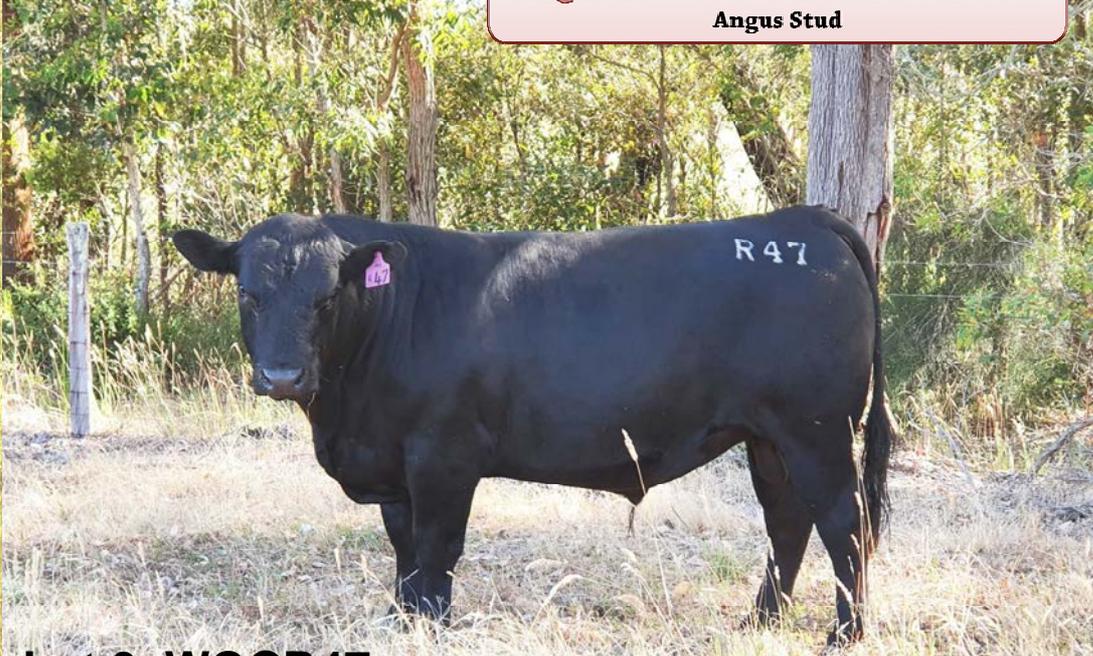
Notes: Good Calving Ease. Good Growths indicated with raw data and EBVs. Milk EBVs and \$A and \$A-L are good. Scrotal size 38.5cm. Birth weight 36kg.

Purchaser: \$:

Quality  Quiet

QUANDEN SPRINGS

Angus Stud



Lot 3 WQCR47



Lot 5 WQCR45



Lot 7 WQCR38



Lot 10 QUANDEN SPRINGS CAPITALIST R18^{SV} WQCR18

DOB: 25/02/2020 Registration Status: HBR Mating Type: AI Genetic Status: AMFU,CAFU,DDFU,NHFU
 S A V FINAL ANSWER 0035# MYTTY IN FOCUS#
 CONNEALY CAPITALIST 028# CONNEALY IN SURE 8524#
 PRIDES PITA OF CONANGA 8821# ENTREENA OF CONANGA 657#
Sire: USA17666102 LD CAPITALIST 316^{PV} **Dam: WJYJ83 STRATHAY TANGO J83#**
 C A FUTURE DIRECTION 5321# BUSHES STRUT 756#
 LD DIXIE ERICA 2053# STRATHAY TANGO G55^{SV}
 LD DIXIE ERICA OAR 0853# STRATHAY TANGO Y21#

January 2022 TransTasman Angus Cattle Evaluation

TACE	Dir	Dtrs	GL	BW	200 W	400 W	600 W	MCW	Milk	SS
EBV	+5.6	+5.8	-1.6	+5.2	+58	+101	+134	+117	+20	+1.9
ACC	64%	57%	74%	74%	73%	73%	74%	72%	69%	71%
Perc	26	21	91	74	12	17	16	21	24	54
D t C	CWT	EMA	Rib	Rump	RBV	IMF	NFI-F	Doc	Angle	Claw
-3.0	+83	+7.9	-2.1	-2.8	+1.5	+2.9	+0.02	+5	+0.96	+0.98
45%	70%	67%	71%	68%	69%	67%	59%	60%	70%	70%
79	7	23	95	95	14	21	29	57	45	77

Selection Indexes

\$A	\$A-L
\$231	\$397
18	13

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

Notes: Good \$A and \$A-L. One of our higher marbling raw data bulls. Very good Cwt and good Retail Beef Yield. Scrotal size 37cm. Birth weight 34kg. Twin.

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

Lot 11 QUANDEN SPRINGS RENMARK R23^{SV} WQCR23

DOB: 26/02/2020 Registration Status: HBR Mating Type: AI Genetic Status: AMFU,CAFU,DDFU,NHFU
 MYTTY IN FOCUS# TE MANIA BERKLEY B1^{PV}
 CONNEALY IN SURE 8524# PATHFINDER GENESIS G357^{PV}
 ENTREENA OF CONANGA 657# PATHFINDER DIRECTION D245^{SV}
Sire: USA17328461 G A R SURE FIRE^{SV} **Dam: WWEN23 ESSELMONT NEPAL N23#**
 G A R NEW DESIGN 5050# ARDROSSAN EQUATOR A241^{PV}
 CHAIR ROCK 5050 G A R 8086# ESSELMONT HUFF H5#
 CHAIR ROCK GRID MAKER 2107# ESSELMONT CLARE C21#

January 2022 TransTasman Angus Cattle Evaluation

TACE	Dir	Dtrs	GL	BW	200 W	400 W	600 W	MCW	Milk	SS
EBV	+1.2	+5.2	-5.7	+4.5	+51	+89	+110	+114	+9	+5.2
ACC	62%	55%	84%	74%	73%	72%	73%	71%	68%	73%
Perc	63	27	33	59	41	53	65	26	98	1
D t C	CWT	EMA	Rib	Rump	RBV	IMF	NFI-F	Doc	Angle	Claw
-5.5	+69	+13.9	+0.2	-0.5	+3.6	+1.7	+0.25	-8	+0.88	+0.82
49%	70%	68%	72%	69%	70%	68%	61%	59%	69%	69%
34	40	1	42	52	1	64	58	91	27	45

Selection Indexes

\$A	\$A-L
\$207	\$367
40	30

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

Notes: EMA, RBV and Scrotal size in Top 1%. EMA second top in our R cohort. Scrotal size 44cm. Birth weight 41kg.

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

Lot 12 QUANDEN SPRINGS PROPHECY R44^{SV} WQCR44

DOB: 04/03/2020 Registration Status: HBR Mating Type: AI Genetic Status: AMFU,CAFU,DDFU,NHFU
 C R A BEXTOR 872 5205 608# STRATHAY STRUT B115^{SV}
 G A R PROPHET^{SV} STRATHAY HUMBLE H152#
 G A R OBJECTIVE 1885# STRATHAY NODDY D57#
Sire: USA17623660 G A R PROPHECY^{SV} **Dam: WQCL16 QUANDEN CHARLOTTE L16#**
 B/R AMBUSH 28# POSS TOTAL IMPACT 745#
 G A R 28 AMBUSH 181# STRATHAY CHARLOTTE J15#
 G A R PREDESTINED 1869# STRATHAY CHARLOTTE G68#

January 2022 TransTasman Angus Cattle Evaluation

TACE	Dir	Dtrs	GL	BW	200 W	400 W	600 W	MCW	Milk	SS
EBV	-3.0	+5.7	-1.6	+4.4	+54	+91	+109	+103	+10	+1.3
ACC	59%	54%	84%	73%	72%	71%	72%	71%	67%	72%
Perc	86	22	91	57	27	43	68	46	96	79
D t C	CWT	EMA	Rib	Rump	RBV	IMF	NFI-F	Doc	Angle	Claw
-4.0	+66	+6.9	-1.9	-1.8	+0.4	+3.1	+0.25	+19	+0.92	+0.90
43%	68%	65%	70%	67%	67%	65%	56%	54%	67%	67%
62	53	36	93	83	53	16	58	15	35	62

Selection Indexes

\$A	\$A-L
\$203	\$339
44	52

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

Notes: Good early Growths indicated in raw data and EBVs. Good IMF EBVs. Highest scanned IMF measurement in the cohort. Scrotal size 38cm. Birth weight 42kg.

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



Lot 13 QUANDEN SPRINGS PHEONIX R43^{SV} WQCR43

DOB: 04/03/2020 Registration Status: HBR Mating Type: AI Genetic Status: AMFU,CAFU,DDFU,NHFU
 CONNEALY IN SURE 8524# BOOROOMOOKA EXPLOSIVE E116^{SV}
 G A R SURE FIRE^{SV} BOOROOMOOKA GALILEO G501^{PV}
 CHAIR ROCK 5050 G A R 8086# BOOROOMOOKA WINCH B69^{SV}
Sire: USA18636106 G A R PHOENIX^{PV} **Dam: WWEL16 ESSLEMONT LAZZ L16#**
 G A R PROPHET^{SV} TWYNAM YARRAMAN Y17#
 G A R PROPHET N744# ESSLEMONT EMMA E12#
 G A R DAYBREAK 440# ESSLEMONT BRENDA B17^{PV}

January 2022 TransTasman Angus Cattle Evaluation

TACE	Dir	Dtrs	GL	BW	200 W	400 W	600 W	MCW	Milk	SS
EBV	+7.7	+5.2	-2.8	+3.2	+58	+110	+149	+121	+23	+1.9
ACC	55%	47%	84%	73%	70%	70%	72%	67%	63%	71%
Perc	12	27	80	29	13	6	4	17	12	54
D t C	CWT	EMA	Rib	Rump	RBY	IMF	NFI-F	Doc	Angle	Claw
-5.5	+86	+4.2	-1.1	-1.0	+1.2	+2.2	-0.43	+3	+1.00	+1.26
40%	66%	63%	68%	64%	65%	63%	56%	56%	71%	71%
34	4	80	80	66	22	43	3	64	56	98

Selection Indexes

\$A	\$A-L
\$256	\$441
5	2

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

Notes: Very good \$A and \$A-L. Good Calving Ease. Excellent Growth EBVs and actual weights. Good Milk EBVs. Excellent Cwt and Feed Efficiency. Scrotal size 39cm. Birth weight 39kg.

Purchaser: \$:

Lot 14 QUANDEN SPRINGS RICHMOND R5^{SV} WQCR5

DOB: 19/02/2020 Registration Status: HBR Mating Type: AI Genetic Status: AMFU,CAFU,DDFU,NHFU
 S A V FINAL ANSWER 0035# G A R INGENUITY#
 S A V THUNDERBIRD 9061^{SV} H P C A INTENSITY#
 S A V EMBLYNETTE 7411# G A R PREDESTINED 287L#
Sire: CXBK1 PRIME KATAPALT K1^{SV} **Dam: VLYN1723 LAWSONS INTENSITY N1723#**
 TE MANIA EMPEROR E343^{PV} DUNOON GOODTHING G167^{PV}
 PRIME JEDDA H81# LAWSONS GOODTHING K227 K227#
 PRIME JEDDA E36# LAWSONS PREDESTINED B395 E210#

January 2022 TransTasman Angus Cattle Evaluation

TACE	Dir	Dtrs	GL	BW	200 W	400 W	600 W	MCW	Milk	SS
EBV	+6.8	-5.4	-8.1	+3.1	+57	+102	+136	+119	+23	+0.7
ACC	59%	53%	73%	72%	71%	71%	72%	70%	65%	66%
Perc	17	97	8	26	16	15	14	20	12	94
D t C	CWT	EMA	Rib	Rump	RBY	IMF	NFI-F	Doc	Angle	Claw
-4.4	+78	+8.8	+0.3	-2.3	+0.6	+2.7	+0.00	+11	+0.78	+0.76
42%	66%	64%	69%	65%	66%	64%	55%	54%	67%	67%
55	15	15	39	90	44	26	27	38	11	32

Selection Indexes

\$A	\$A-L
\$226	\$388
21	17

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

Notes: Good \$A and \$A-L. Above average measurement for P8, EMA and IMF. Very good Growth, Milk, Cwt and EMA EBVs. Good marbling raw data. Sound feet EBVs. Scrotal size 35cm. Birth weight 31kg. Twin.

Purchaser: \$:

Lot 15 QUANDEN SPRINGS ROCKY R30^{SV} WQCR30

DOB: 28/02/2020 Registration Status: HBR Mating Type: AI Genetic Status: AMFU,CAFU,DDFU,NHFU
 MYTTY IN FOCUS# RIVERBEND PEERLESS 0016^{PV}
 CONNEALY IN SURE 8524# PA RANCH HOUSE 349^{PV}
 ENTREENA OF CONANGA 657# PA JENNY 939-137#
Sire: USA17328461 G A R SURE FIRE^{SV} **Dam: WQCN12 QUANDEN MEG N12#**
 G A R NEW DESIGN 5050# CARENDA STOCKMAN D34^{SV}
 CHAIR ROCK 5050 G A R 8086# MONTEREY EBONY J18#
 CHAIR ROCK GRID MAKER 2107# MONTEREY EBONY Z63#

January 2022 TransTasman Angus Cattle Evaluation

TACE	Dir	Dtrs	GL	BW	200 W	400 W	600 W	MCW	Milk	SS
EBV	+1.0	-1.3	-4.0	+5.1	+53	+94	+116	+96	+18	+1.9
ACC	61%	53%	73%	72%	72%	71%	73%	70%	67%	69%
Perc	65	85	62	72	34	35	51	59	43	54
D t C	CWT	EMA	Rib	Rump	RBY	IMF	NFI-F	Doc	Angle	Claw
-3.9	+64	+4.4	-1.5	+0.3	+1.7	+1.3	-0.30	-5	+1.02	+1.02
47%	69%	67%	71%	68%	70%	67%	60%	55%	69%	69%
64	61	78	88	31	10	79	6	85	60	82

Selection Indexes

\$A	\$A-L
\$211	\$344
35	48

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

Notes: Good Retail Beef Yield and Feed efficiency. Scrotal size 37.5cm. Birth weight 30kg. Twin.

Purchaser: \$:



Lot 16 QUANDEN SPRINGS RODERICK R29^{SV} WQCR29

DOB: 28/02/2020 Registration Status: HBR Mating Type: AI Genetic Status: AMFU,CAFU,DDFU,NHFU
 TE MANIA EMPEROR E343^{PV} KAROO W109 DIRECTION Z181^{SV}
 ASCOT HALLMARK H147^{PV} CARABAR DOCKLANDS D62^{PV}
 MILLAH MURRAH BRENDA F123^{PV} CARABAR BLACKCAP MARY B12^{PV}
Sire: NMMN266 MILLAH MURRAH NUGGET N266^{PV} **Dam: WQCN21 QUANDEN ALICE N21[#]**
 BOOROOMOOKA THEO T030^{SV} VERMONT DUKE E193^{PV}
 MILLAH MURRAH HONEY H159^{SV} MONTEREY VANILLA LASS H31^{SV}
 MILLAH MURRAH HONEY F120^{PV} MONTEREY VANILLA LASS D43[#]

January 2022 TransTasman Angus Cattle Evaluation

TACE	Dir	Dtrs	GL	BW	200 W	400 W	600 W	MCW	Milk	SS
EBV	+7.7	+0.4	-6.1	+3.2	+48	+91	+123	+100	+21	+3.9
ACC	56%	49%	83%	73%	71%	71%	72%	68%	62%	66%
Perc	12	75	27	29	60	43	36	50	18	4
D t C	CWT	EMA	Rib	Rump	RBY	IMF	NFI-F	Doc	Angle	Claw
-6.0	+80	+6.4	-0.1	-2.2	+1.0	+2.1	+0.47	+12	+0.98	+0.60
41%	65%	63%	68%	65%	65%	63%	54%	56%	64%	63%
26	11	44	51	89	28	47	81	34	50	9

Selection Indexes

\$A	\$A-L
\$201	\$355
46	39

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

Notes: Good Calving Ease. Good Cwt EBVs. Grandmother is still in our herd. Sound feet EBVs. Excellent Scrotal EBVs with a Scrotal size 40cm. Birth weight 36kg.
 Purchaser:..... \$:.....

Lot 17 QUANDEN SPRINGS COMMANDO RIC R19^{SV} WQCR19

DOB: 26/02/2020 Registration Status: HBR Mating Type: AI Genetic Status: AMFU,CAFU,DDFU,NHFU
 BASIN FRANCHISE P142[#] TE MANIA ADA A149^{PV}
 EF COMPLEMENT 8088^{PV} ESSLEMONT ADA G4^{PV}
 EF EVERELDA ENTENSE 6117[#] ESSLEMONT CHERRY C16^{PV}
Sire: USA17082311 EF COMMANDO 1366^{PV} **Dam: WWEJ21 ESSLEMONT JIGGY J21[#]**
 B/R AMBUSH 28[#] G A R YIELD GRADE[#]
 RIVERBEND YOUNG LUCY W1470[#] ESSLEMONT DOOLEY D18[#]
 RIVERBEND YOUNG LUCY T1080[#] ESSLEMONT BRENDA B17^{PV}

January 2022 TransTasman Angus Cattle Evaluation

TACE	Dir	Dtrs	GL	BW	200 W	400 W	600 W	MCW	Milk	SS
EBV	+7.5	+6.8	-7.1	+1.8	+50	+84	+107	+82	+18	+1.4
ACC	59%	53%	84%	73%	72%	72%	73%	71%	67%	67%
Perc	13	13	16	9	50	68	73	83	45	76
D t C	CWT	EMA	Rib	Rump	RBY	IMF	NFI-F	Doc	Angle	Claw
-7.1	+67	+7.6	+1.7	+1.4	-0.2	+1.4	+0.38	-14	+0.80	+0.98
43%	67%	65%	69%	66%	66%	65%	56%	56%	69%	69%
12	50	26	10	11	77	75	73	97	13	77

Selection Indexes

\$A	\$A-L
\$229	\$375
19	25

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

Notes: Good Calving Ease EBVs and low birth weight indicate this bull would suit Heifers. Good EMA, Rib and P8 measurements. Scrotal size 40cm. Birth weight 34kg.
 Purchaser:..... \$:.....

Lot 18 QUANDEN SPRINGS RICARDO R42^{PV} WQCR42

DOB: 04/03/2020 Registration Status: HBR Mating Type: AI Genetic Status: AMFU,CAFU,DDFU,NHFU
 MYTTY IN FOCUS[#] AYRVALE GENETIC G11^{PV}
 CONNEALY IN SURE 8524[#] ESSLEMONT GENETIC L113^{PV}
 ENTREENA OF CONANGA 657[#] ESSLEMONT HAYLEY H4^{SV}
Sire: USA17328461 G A R SURE FIRE^{SV} **Dam: WQCP37 QUANDEN SPRINGS LILY P37^{SV}**
 G A R NEW DESIGN 5050[#] BOOROOMOOKA GALILEO G501^{PV}
 CHAIR ROCK 5050 G A R 8086[#] ESSLEMONT LILIA L20[#]
 CHAIR ROCK GRID MAKER 2107[#] ESSLEMONT HIPPIY H17^{SV}

January 2022 TransTasman Angus Cattle Evaluation

TACE	Dir	Dtrs	GL	BW	200 W	400 W	600 W	MCW	Milk	SS
EBV	+7.5	-0.7	-2.1	+3.1	+58	+107	+141	+114	+26	+3.7
ACC	61%	54%	84%	73%	72%	72%	73%	71%	68%	72%
Perc	13	82	87	26	13	8	8	27	3	5
D t C	CWT	EMA	Rib	Rump	RBY	IMF	NFI-F	Doc	Angle	Claw
-4.2	+79	+1.9	-1.9	+0.3	+0.3	+2.6	-0.72	+12	+0.82	+0.88
47%	70%	67%	72%	68%	70%	67%	60%	56%	70%	70%
59	12	97	93	31	58	29	1	34	16	58

Selection Indexes

\$A	\$A-L
\$240	\$408
12	9

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

Notes: Very Good \$A and \$A-L. Good Calving Ease Direct. Very good Growth EBVs. Milk and Scrotal size EVBs are in top 5%. Very good Cwt. Feed Efficiency in Top 1%. Scrotal size 39cm. Birth weight 35kg.
 Purchaser:..... \$:.....



Lot 19 QUANDEN SPRINGS RINGWOOD R21^{SV} WQCR21

DOB: 26/02/2020 Registration Status: HBR Mating Type: AI Genetic Status: AMFU,CAFU,DDFU,NHFU
 TE MANIA EMPEROR E343^{PV} LAWSONS GAR DIRECTION X3 A423[#]
 ASCOT HALLMARK H147^{PV} MONTEREY EMPIRE LAD E98^{SV}
 MILLAH MURRAH BRENDA F123^{PV} MONTEREY STELLA A37[#]
Sire: NMMN266 MILLAH MURRAH NUGGET N266^{PV} **Dam: WGJG142 MONTEREY FANFAIR G142[#]**
 BOOROOMOOKA THEO T030^{SV} WALLARROY EXPERT X255^{SV}
 MILLAH MURRAH HONEY H159^{SV} MONTEREY FANFAIR E5[#]
 MILLAH MURRAH HONEY F120^{PV} MONTEREY FANFAIR Z3[#]

January 2022 TransTasman Angus Cattle Evaluation

TACE	Dir	Dtrs	GL	BW	200 W	400 W	600 W	MCW	Milk	SS
EBV	+4.9	+2.2	-6.9	+4.2	+35	+65	+85	+63	+17	+2.5
ACC	52%	44%	83%	72%	69%	68%	71%	65%	60%	70%
Perc	32	59	18	52	98	98	97	96	54	29
D t C	CWT	EMA	Rib	Rump	RBY	IMF	NFI-F	Doc	Angle	Claw
-5.3	+42	-0.3	+0.9	+0.4	-1.2	+2.8	+0.38	+22	+0.82	+0.60
36%	62%	60%	65%	62%	62%	60%	50%	50%	63%	61%
37	99	99	23	28	96	23	73	10	16	9

Selection Indexes

\$A	\$A-L
\$153	\$258
87	93

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

Notes: Son of an older cow and Millah Murrah Nugget. Good sound feet EBVs. Scrotal Size 39cm. Birth weight 37kg.

Purchaser: \$:

Lot 20 QUANDEN SPRINGS REDMOND R22^{PV} WQCR22

DOB: 26/02/2020 Registration Status: HBR Mating Type: AI Genetic Status: AMFU,CAFU,DDFU,NHFU
 S A V FINAL ANSWER 0035[#] AYRVALE GENERAL G18^{PV}
 S A V THUNDERBIRD 9061^{SV} ESSELMONT LOTTO L3^{PV}
 S A V EMBLYNETTE 7411[#] ESSELMONT JENNY J8^{PV}
Sire: CXBK1 PRIME KATAPALT K1^{SV} **Dam: WQCP35 QUANDEN SPRINGS ESTER P35^{SV}**
 TE MANIA EMPEROR E343^{PV} TWYNAM YARRAMAN Y17[#]
 PRIME JEDDA H81[#] ESSELMONT ESTER E10[#]
 PRIME JEDDA E36[#] ESSELMONT BETHB10^{PV}

January 2022 TransTasman Angus Cattle Evaluation

TACE	Dir	Dtrs	GL	BW	200 W	400 W	600 W	MCW	Milk	SS
EBV	+6.3	-0.2	-6.8	+2.7	+47	+83	+106	+78	+20	+2.7
ACC	59%	53%	83%	72%	71%	71%	72%	69%	65%	71%
Perc	21	79	19	19	64	70	75	87	29	22
D t C	CWT	EMA	Rib	Rump	RBY	IMF	NFI-F	Doc	Angle	Claw
-6.4	+51	+8.7	+1.5	-1.0	+1.3	+2.6	+0.57	+0	+1.06	+0.96
42%	66%	64%	69%	65%	66%	64%	55%	55%	68%	68%
20	93	15	12	66	19	29	88	73	69	73

Selection Indexes

\$A	\$A-L
\$232	\$363
17	34

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

Notes: Good Calving Ease Direct EBVs. Good EMA, IMF, Rib and P8 actual measurements. Scrotal size 41.5cm. Birth weight 34kg.

Purchaser: \$:

Lot 21 QUANDEN SPRINGS ROSSI R2^{SV} WQCR2

DOB: 17/02/2020 Registration Status: HBR Mating Type: AI Genetic Status: AMFU,CAFU,DDFU,NHFU
 S A V FINAL ANSWER 0035[#] ARDROSSAN DIRECTION D196^{PV}
 S A V THUNDERBIRD 9061^{SV} KOOJAN HILLS GENESIS H202^{SV}
 S A V EMBLYNETTE 7411[#] KOOJAN HILLS D151[#]
Sire: CXBK1 PRIME KATAPALT K1^{SV} **Dam: WQCN25 QUANDEN HEIDI N25[#]**
 TE MANIA EMPEROR E343^{PV} STRATHTAY FAIRGROUND F174^{SV}
 PRIME JEDDA H81[#] STRATHTAY BENHILDA J149[#]
 PRIME JEDDA E36[#] STRATHTAY BENHILDA G29[#]

January 2022 TransTasman Angus Cattle Evaluation

TACE	Dir	Dtrs	GL	BW	200 W	400 W	600 W	MCW	Milk	SS
EBV	+5.7	+2.2	-10.7	+3.7	+52	+93	+116	+95	+19	+3.9
ACC	55%	49%	82%	73%	70%	70%	71%	67%	63%	66%
Perc	25	59	1	40	37	38	53	62	33	4
D t C	CWT	EMA	Rib	Rump	RBY	IMF	NFI-F	Doc	Angle	Claw
-3.8	+58	+1.9	-0.4	-1.2	+0.8	+1.4	+0.13	+6	+0.92	+0.62
39%	64%	62%	67%	64%	63%	62%	52%	52%	65%	65%
66	81	97	61	71	36	75	42	54	35	11

Selection Indexes

\$A	\$A-L
\$193	\$335
55	55

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

Notes: Gestation Length in Top 1%. Very good Scrotal EBVs. Scrotal size 40cm. Birth weight 36kg.

Purchaser: \$:

Quality  Quiet

QUANDEN SPRINGS
Angus Stud



Lot 4 WQCR10



Lot 22 WQCR17



Lot 10 WQCR18

QUANDEN SPRINGS
Angus Stud

Lot 22 QUANDEN SPRINGS ANDY CAP R17^{SV} WQCR17

DOB: 25/02/2020 Registration Status: **HBR** Mating Type: **AI** Genetic Status: **AMFU,CAFU,DDFU,NHFU**
 S A V FINAL ANSWER 0035# MYTTY IN FOCUS#
 CONNEALY CAPITALIST 028# CONNEALY IN SURE 8524#
 PRIDES PITA OF CONANGA 8821# ENTREENA OF CONANGA 657#

Sire: USA17666102 LD CAPITALIST 316^{PV} **Dam: WJYJ83 STRATHTAY TANGO J83#**
 C A FUTURE DIRECTION 5321# BUSHES STRUT 756#
 LD DIXIE ERICA 2053# STRATHTAY TANGO G55^{SV}
 LD DIXIE ERICA OAR 0853# STRATHTAY TANGO Y21#

January 2022 TransTasman Angus Cattle Evaluation

TACE	Dir	Dtrs	GL	BW	200 W	400 W	600 W	MCW	Milk	SS
EBV	+7.8	+7.2	-2.8	+4.4	+55	+95	+123	+113	+15	+2.8
ACC	64%	57%	74%	74%	74%	73%	75%	72%	69%	71%
Perc	11	10	80	57	21	31	36	27	68	20
D t C	CWT	EMA	Rib	Rump	RBV	IMF	NFI-F	Doc	Angle	Claw
-4.5	+70	+7.2	-0.1	-0.8	+1.8	+1.0	+0.13	+11	+1.00	+0.86
46%	70%	68%	71%	68%	69%	67%	59%	60%	70%	70%
53	36	32	51	60	8	87	42	38	56	54

Selection Indexes

\$A	\$A-L
\$211	\$381
36	22

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

Notes: Above average EMA measurement. Good Retail Beef Yield. Scrotal size 39cm. Birth weight 33kg. Twin.

Purchaser:.....\$:

Lot 23 QUANDEN SPRINGS RANDELL R35^{PV} WQCR35

DOB: 01/03/2020 Registration Status: **HBR** Mating Type: **AI** Genetic Status: **AMFU,CAFU,DDFU,NHFU**
 BOOROOMOOKA UNDERTAKEN Y145^{PV} TE MANIA BERKLEY B1^{PV}
 RENNYLEA EDMUND E11^{PV} AYRVALE GENERAL G18^{PV}
 LAWSONS HENRY VIII Y5^{SV} AYRVALE EASE E3^{PV}

Sire: TFAK132 LANDFALL KEYSTONE K132^{PV} **Dam: WQCP10 QUANDEN SPRINGS STELLA P10^{PV}**
 S A V FRONT RUNNER 0713# KOOJAN HILLS GENESIS H202^{SV}
 LANDFALL ARCHER H807^{SV} QUANDEN STELLA L8^{SV}
 LANDFALL ARCHER X9^{PV} MONTEREY STELLA V36#

January 2022 TransTasman Angus Cattle Evaluation

TACE	Dir	Dtrs	GL	BW	200 W	400 W	600 W	MCW	Milk	SS
EBV	+0.0	+4.2	-2.8	+3.7	+49	+98	+125	+108	+18	+1.7
ACC	61%	54%	83%	73%	71%	71%	73%	70%	67%	72%
Perc	72	38	80	40	52	23	30	37	47	64
D t C	CWT	EMA	Rib	Rump	RBV	IMF	NFI-F	Doc	Angle	Claw
-6.8	+77	+8.5	+1.8	-1.3	+0.5	+2.4	+0.59	+2	+1.16	+0.74
43%	67%	65%	69%	66%	66%	65%	56%	59%	69%	69%
15	15	17	9	73	49	36	90	69	86	28

Selection Indexes

\$A	\$A-L
\$203	\$359
45	36

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

Notes: Good Carcase weight, EMA and IMF EBVs. Scrotal size 38cm. Birth weight 42kg.

Purchaser:.....\$:

Lot 24 QUANDEN SPRINGS FOREMAN R26^{SV} WQCR26

DOB: 27/02/2020 Registration Status: **HBR** Mating Type: **AI** Genetic Status: **AMFU,CAFU,DDFU,NHFU**
 MYTTY IN FOCUS# BOOROOMOOKA EXPLOSIVE E116^{SV}
 A A R TEN X 7008 S A^{SV} BOOROOMOOKA GALILEO G501^{PV}
 A A R LADY KELTON 5551# BOOROOMOOKA WINCH B69^{SV}

Sire: USA17607585 V A R FOREMAN 3339^{PV} **Dam: WWEL20 ESSELMONT LILIA L20#**
 CONNEALY ONWARD# CARABAR DOCKLANDS D62^{PV}
 SANDPOINT BLACKBIRD 8809# ESSELMONT HIPPIY H17^{SV}
 RIVERBEND BLACKBIRD 4301# ESSELMONT DONNA D3^{PV}

January 2022 TransTasman Angus Cattle Evaluation

TACE	Dir	Dtrs	GL	BW	200 W	400 W	600 W	MCW	Milk	SS
EBV	+1.5	+2.8	-7.7	+6.2	+65	+110	+151	+141	+13	+0.8
ACC	58%	52%	84%	74%	72%	72%	73%	70%	66%	72%
Perc	61	53	11	89	3	5	3	4	85	92
D t C	CWT	EMA	Rib	Rump	RBV	IMF	NFI-F	Doc	Angle	Claw
-4.2	+84	+5.6	-0.5	-0.8	+0.3	+2.7	-0.13	-1	+1.30	+1.44
43%	67%	65%	69%	66%	66%	65%	56%	59%	68%	68%
59	5	58	64	60	58	26	15	77	97	99

Selection Indexes

\$A	\$A-L
\$234	\$417
15	6

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

Notes: Good \$A and \$A-L. Suit Mature cows. Excellent Growth EBVs and actual weights were above average. Excellent Cwt. Scrotal size 36cm. Birth weight 47kg.

Purchaser:.....\$:



Lot 25 **QUANDEN SPRINGS ROEBUCK R51^{PV}** **WQCR51**

DOB: 24/03/2020 Registration Status: HBR Mating Type: AI Genetic Status: AMFU,CAFU,DDFU,NHFU
 S A V FINAL ANSWER 0035[#] RIVERBEND PEERLESS 0016^{PV}
 S A V THUNDERBIRD 9061^{SV} PA RANCH HOUSE 349^{PV}
 S A V EMBLYNETTE 7411[#] PA JENNY 939-137[#]
Sire: CXBK1 PRIME KATAPAUULT K1^{SV} **Dam: WQCP13 QUANDEN SPRINGS BANKSIA P13^{SV}**
 TE MANIA EMPEROR E343^{PV} SITZ BULL DURHAM 10308[#]
 PRIME JEDDA H81[#] STRATHTAY BANKSIA H25[#]
 PRIME JEDDA E36[#] STRATHTAY BANKSIA A190[#]

January 2022 TransTasman Angus Cattle Evaluation

TACE	Dir	Dtrs	GL	BW	200 W	400 W	600 W	MCW	Milk	SS
EBV	+5.3	+1.2	-6.1	+4.1	+47	+87	+109	+93	+17	+2.0
ACC	57%	50%	72%	72%	71%	70%	72%	68%	64%	72%
Perc	28	68	27	49	64	58	68	65	56	50
D t C	CWT	EMA	Rib	Rump	RBV	IMF	NFI-F	Doc	Angle	Claw
-0.5	+57	+4.9	-1.6	-3.2	+1.4	+2.2	-0.11	+6	+1.02	+1.30
40%	66%	64%	68%	65%	65%	64%	54%	52%	68%	68%
98	81	70	89	97	16	43	16	55	60	99

Selection Indexes

\$A	\$A-L
\$173	\$301
74	78

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

Notes: Good Retail Beef Yield and Feed Efficiency EBVs. Scrotal size 37cm. Birth weight 38kg.

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

Lot 26 **QUANDEN SPRINGS RIGBY R58^{SV}** **WQCR58**

DOB: 06/04/2020 Registration Status: HBR Mating Type: Natural Genetic Status: AMFU,CAFU,DDFU,NHFU
 TE MANIA BERKLEY B1^{PV} RENNYLEA EDMUND E11^{PV}
 AYRVALE GENERAL G18^{PV} ARDROSSAN HONOUR H255^{PV}
 AYRVALE EASE E3^{PV} ARDROSSAN WILCOOLA D17^{PV}
Sire: WWEN12 ESSLEMONT GENERAL N12^{PV} **Dam: WQCN16 QUANDEN GEM N16[#]**
 TE MANIA AFRICA A217^{PV} NICHOLS QUIET LAD T9[#]
 ESSLEMONT HAYLEY H4^{SV} DIAMOND TREE QUIET LAD G21[#]
 ESSLEMONT EDNA E13[#] DIAMOND TREE RIGHT TIME B49[#]

January 2022 TransTasman Angus Cattle Evaluation

TACE	Dir	Dtrs	GL	BW	200 W	400 W	600 W	MCW	Milk	SS
EBV	+5.2	-0.9	-6.1	+2.6	+40	+73	+95	+69	+17	-0.2
ACC	54%	49%	67%	69%	68%	67%	69%	66%	62%	68%
Perc	29	83	27	18	91	92	90	93	53	99
D t C	CWT	EMA	Rib	Rump	RBV	IMF	NFI-F	Doc	Angle	Claw
-2.0	+56	+14.7	-0.8	-1.7	+2.2	+1.6	+0.40	+2	+0.80	+0.74
40%	64%	61%	67%	63%	64%	61%	53%	51%	60%	60%
90	84	1	72	82	4	68	75	67	13	28

Selection Indexes

\$A	\$A-L
\$190	\$296
58	80

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

Notes: Good EMA raw data - equal highest measurement, and in Top 1% EMA EBVs. Very good Retail Beef Yield. Scrotal size 37cm. Birth weight 37kg.

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

Lot 27 **QUANDEN SPRINGS RAYMOND R61^{PV}** **WQCR61**

DOB: 14/04/2020 Registration Status: HBR Mating Type: Natural Genetic Status: AMFU,CAFU,DDFU,NHFU
 TE MANIA BERKLEY B1^{PV} RIVERBEND PEERLESS 0016^{PV}
 AYRVALE GENERAL G18^{PV} PA RANCH HOUSE 349^{PV}
 AYRVALE EASE E3^{PV} PA JENNY 939-137[#]
Sire: WWEN12 ESSLEMONT GENERAL N12^{PV} **Dam: WQCP24 QUANDEN SPRINGS KAYLA P24^{SV}**
 TE MANIA AFRICA A217^{PV} BALD BLAIR ROCKN D X79[#]
 ESSLEMONT HAYLEY H4^{SV} STRATHTAY KAY D20[#]
 ESSLEMONT EDNA E13[#] STRATHTAY KAY X140[#]

January 2022 TransTasman Angus Cattle Evaluation

TACE	Dir	Dtrs	GL	BW	200 W	400 W	600 W	MCW	Milk	SS
EBV	+4.6	+3.3	-4.0	+4.1	+48	+91	+116	+90	+23	+1.6
ACC	53%	48%	67%	69%	68%	67%	68%	66%	61%	68%
Perc	35	47	62	49	59	43	52	70	11	68
D t C	CWT	EMA	Rib	Rump	RBV	IMF	NFI-F	Doc	Angle	Claw
-5.0	+61	+12.3	+0.7	+1.3	+0.2	+2.6	+0.75	-23	+1.20	+1.14
39%	64%	61%	67%	63%	64%	61%	53%	49%	64%	64%
43	69	2	28	12	62	29	96	99	90	94

Selection Indexes

\$A	\$A-L
\$221	\$366
26	31

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

Notes: Excellent EMA EBVs with positive Rib and Rump figures. Good marbling raw data. Scrotal size 36.5cm. Birth weight 34kg.

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



Lot 28 **QUANDEN SPRINGS REGGIE R63^{SV}** **WQCR63**

DOB: 17/04/2020 Registration Status: **HBR** Mating Type: **Natural** Genetic Status: **AMFU,CAFU,DDFU,NHFU**
 TE MANIA BERKLEY B1^{PV} CONNEALY IN SURE 8524[#]
 AYRVALE GENERAL G18^{PV} G A R SURE FIRE^{SV}
 AYRVALE EASE E3^{PV} CHAIR ROCK 5050 G A R 8086[#]
Sire: WWEN12 ESSLEMONT GENERAL N12^{PV} **Dam: VLYN1624 LAWSONS SURE FIRE N1624[#]**
 TE MANIA AFRICA A217^{PV} LAWSONS INCREDIBLE H803^{PV}
 ESSLEMONT HAYLEY H4^{SV} LAWSONS INCREDIBLE L97[#]
 ESSLEMONT EDNA E13[#] LAWSONS RIGHT TIME F801^{SV}

January 2022 TransTasman Angus Cattle Evaluation

TACE	Dir	Dtrs	GL	BW	200 W	400 W	600 W	MCW	Milk	SS
EBV	+8.7	+8.7	-10.6	+2.3	+49	+86	+106	+63	+23	+2.1
ACC	56%	51%	69%	71%	69%	68%	70%	68%	63%	69%
Perc	7	4	2	14	51	62	74	96	10	45
D t C	CWT	EMA	Rib	Rump	RBY	IMF	NFI-F	Doc	Angle	Claw
-7.0	+62	+10.0	+0.4	+0.5	+1.4	+2.1	+0.21	-1	+0.74	+0.90
41%	66%	63%	68%	64%	66%	63%	55%	51%	60%	60%
13	66	8	36	26	16	47	53	77	7	62

Selection Indexes

\$A	\$A-L
\$271	\$408
2	9

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

Notes: Very Good \$A and \$A-L. Excellent Calving Ease indicates this bull would suit Heifers. Very good Milk and EMA EBVs. Scrotal size 35.5cm. Birth weight 33kg.

Purchaser:..... \$:

Lot 29 **QUANDEN SPRINGS RUSTLER R65^{SV}** **WQCR65**

DOB: 04/05/2020 Registration Status: **HBR** Mating Type: **Natural** Genetic Status: **AMFU,CAFU,DDFU,NHFU**
 TE MANIA BERKLEY B1^{PV} SYDGEN C C & 7[#]
 AYRVALE GRADE G5^{PV} KOOJAN HILLS GENESIS H190[#]
 AYRVALE EXCEL E4^{PV} KOOJAN HILLS D152[#]
Sire: WWEM26 ESSLEMONT GRADE M26^{PV} **Dam: WQCM22 QUANDEN ISOBEL M22[#]**
 TUWHARETOA REGENT D145^{PV} WALLAROY EXPERT X255^{SV}
 ESSLEMONT JENNY J8^{PV} MONTEREY ISOBEL A103[#]
 ESSLEMONT CHERRY C16^{PV} KARRIDALE ISOBEL T11[#]

January 2022 TransTasman Angus Cattle Evaluation

TACE	Dir	Dtrs	GL	BW	200 W	400 W	600 W	MCW	Milk	SS
EBV	-3.3	-2.4	-5.8	+6.6	+56	+97	+126	+127	+9	+2.6
ACC	49%	44%	66%	67%	66%	65%	67%	64%	59%	60%
Perc	87	90	31	93	19	26	29	12	97	26
D t C	CWT	EMA	Rib	Rump	RBY	IMF	NFI-F	Doc	Angle	Claw
-7.6	+79	+8.4	-0.5	-1.7	+1.2	+2.3	+0.00	-11	+0.86	+0.92
35%	61%	58%	64%	60%	61%	58%	49%	45%	61%	63%
8	12	18	64	82	22	40	27	95	23	66

Selection Indexes

\$A	\$A-L
\$193	\$351
55	43

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

Notes: Good EMA and Very Good Carcase weight EBVs. Suit Mature cows. Scrotal size 36.5cm. Birth weight 41kg.

Purchaser:..... \$:

Thank you for supporting our Annual Bull Sale
Noel, Robyn, John and Kimberley Stoney

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1. Vedovatto *et al* (2020), Trop Anim Health Prod, 52(2), 881-886 2. Bittar *et al* (2020), Vet Immunol Immunopathol, 110055 3. Mundell *et al* (2012), PAS, 28:82-88 @Multimin is a registered trademark of Virbac. *29% more minerals compared to the market leader

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RECESSIVE GENETIC CONDITIONS

This is information for bull buyers about the recessive genetic conditions, Arthrogryposis 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 in the above table 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 an “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.



BRINGING YOUR NEW BULL HOME

WHEN PURCHASING A BULL, CARE AND HANDLING AFTER THE SALE CAN BE AS IMPORTANT AS THE PURCHASE ITSELF.
LOOKING AFTER YOUR BULL WELL DURING THE INITIAL STAGES OF HIS WORKING LIFE MAY ENSURE LONGEVITY
AND SUCCESS WITHIN YOUR BREEDING HERD.

PURCHASE

Temperament is an important characteristic when selecting a bull. Selecting a bull that may be flighty or aggressive will make life difficult for you each time he is handled. Note which bulls continually push to the centre of a mob, run around, or are unreasonably nervous, aggressive or excited.

At the sale, note any changes of temperament by individual bulls. Some bulls that are quiet in the yard or paddock may not like the pressure and noise of the auction and become excited. Others that were excited beforehand get much worse in the sale ring and can really perform. Use the yard or paddock behaviour as a guide, rather than the temperament shown in the ring.

DELIVERY

When transporting your new bull insurance against loss in transit, accidental loss of use, or infertility, is sometimes provided by vendors. Where it is not, it is worth considering. After purchase tips:

- When purchasing, ask which health treatments he has received.
- Treat and handle him quietly at all times - no dogs, no buzzers. Talk to him and give him time and room to make up his mind.
- With more than one bull from different origins, you must be able to separate them on the truck.
- Make sure that the truck floor is covered to prevent bulls from slipping. Sand, sawdust or a floor grid will prevent bulls from being damaged by going down in transit.
- If you can arrange it, put a few quiet cows or steers on the truck with the bull. Let them down into a yard with the bulls for a while before loading and after unloading.
- Unload and reload during the trip as little as possible. If necessary, rest with water and feed. Treat bulls kindly your impatience or nervousness is easily transmitted to an animal unfamiliar to you and unsure of his environment.

IF YOU USE A PROFESSIONAL CARRIER:

- Make sure the carrier knows which bulls can be mixed together.

- Discuss with the carrier, resting procedures for long trips, expected delivery time, truck condition and quiet handling.
- Give ear tag and brand numbers to the carrier and make sure you have the carrier's phone number.
- If buying bulls from interstate, organise any necessary health tests before leaving and work out if any other requirements must be met before cattle can come into another State.

When buying bulls from far away, you may often have to fit in with other delivery arrangements to reduce cost. You should make it clear how you want your bulls handled.

ARRIVAL

When the bull or bulls arrive home, unload them at the yards into a group of house cows, steers or herd cows. Never jump them from the back of a truck directly into a paddock—it may be the last time you see them. Bulls from different origins should be put into separate yards with other cattle for company.

Provide hay and water, then leave them alone until the next morning .

The next day, bulls should receive routine health treatments. If they have not been treated before, all bulls should be vaccinated with:

- 5-in-1 vaccine;
- vibriosis vaccine;
- leptospirosis vaccine (if in areas like the Hunter where leptospirosis exists);
- three-day sickness vaccine (if in areas where this sickness can cause problems).

Give particular attention to preventing new bulls bringing vibriosis into a herd. Vibriosis, a sexually transmitted disease, causes infertility and abortions and is most commonly introduced to a clean herd by an infected bull. These bulls show no signs of the illness. Vaccinated bulls are free from vibriosis, so vaccinating bulls against the disease should be a routine practice.

Vaccination involves two injections, 4–6 weeks apart, at the time of introduction, and then a booster shot every year. Complete the vaccinations 4 weeks before joining.

PURCHASE

DELIVERY

AFTER PURCHASE TIPS

ARRIVAL

MATING NEW YOUNG BULLS

MANAGING OLDER HERD BULL

DURING MATING

NORTHERN AUSTRALIA



BRINGING YOUR NEW BULL HOME

Consult with your veterinarian and draw up a policy for treating bulls on arrival and then annually. Bulls should be drenched to prevent introducing worms and, if necessary, should be treated for lice.

Plan to give follow-up vaccinations 4–6 weeks later. Leave the bulls in the yards for the next day or two on feed and water to allow them to settle down with other stock for company. A bull's behaviour will decide how quickly he can be moved out to paddocks.

MATING NEW YOUNG BULLS

Newly purchased young bulls should not be placed with older herd bulls for multiple-sire joining. The older, dominant bull will not allow the young bulls to work, and will knock them around while keeping them away from the cows.

Use new bulls in either single-sire groups or with young bulls their own age. If a number of young bulls are to be used together, run them together for a few weeks before joining starts. They sort out their pecking order quickly and have few problems later.

When the young bulls are working, inspect them regularly and closely.

MATING NEW YOUNG BULLS

Older working bulls also need special care and attention before mating starts. They should be tested or checked every year for physical soundness, testicle tone, and serving capacity or ability.

All bulls to be used must be free-moving, active and in good condition. Working bulls may need supplementary feeding before the joining season to bring up condition.

DURING MATING

- Check bulls at least twice each week for the first 2 months. Get up close to them and watch each bull walk; check for swellings around the sheath and for lameness.
- Have a spare bull or bulls available to replace any that break down. Replace any suspect bull immediately.
- Rotate bulls in single-sire groups to make sure that any bull infertility is covered. Single-sire joining works well but it has risks. The bulls must be checked regularly and carefully, or the bulls should be rotated every one or two cycles.

Bulls are a large investment for breeding herds and they have a major effect on herd fertility. A little time and attention to make sure they are fit, free from disease and actively working is well worthwhile.

NORTHERN AUSTRALIA

Although the Angus breed originated in a cooler climate, they can adapt to subtropical regions with many straight-bred and cross bred producers finding success in Northern Australia. Some of the following information may also be helpful for new bulls located in more temperate climates.

ADAPTATION

The key to Northern success for Angus is that cattle introduced from the Southern regions of Australia be allowed to adapt to their new environment before commencing their working life. If possible, a break of 3 months is advisable before you set your bull to work.

PURCHASE IN COOLER MONTHS

Ensure your bulls are in good condition before they do commence their working life. The cooler months are an ideal time to purchase and introduce Angus cattle, allowing them plenty of time to acclimatise.

CHANGE OF FEED SOURCE

When inducting Angus cattle into your herd consider their source of feed. Have you taken an animal which has been supplemented on grain straight to a dry pasture? Animals should be gradually changed over to their new feed to ensure they do not lose condition. This may involve using supplements which could include dry lick/urea blocks.

MANAGING CATTLE TICKS

For ticky areas, bulls should be vaccinated prior to transport and given another booster afterwards. Remember males are more susceptible to ticks than females.

Information is provided by the Department of Primary Industries NSW. For further information visit the DPI web site: www.dpi.nsw.gov.au or www.angusaustralia.com.au. Further reading - Buying Angus Bulls

FOR FURTHER INFORMATION VISIT
www.angusaustralia.com.au

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Website: www.angusaustralia.com.au

DISCLAIMER AND PRIVACY INFORMATION

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.

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.

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.....

from member.....(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

Quanden Springs 2022 Bull Sale

14th February 2022
Property PIC: WKAY1190

PURCHASER DETAILS

Name.....

Trading As

Mailing Address.....

Email.....

Phone #

PIC..... Angus Herd ID.....

Breed Society Transfer Required Y Yes / No

Lots Purchased.....

Trucking Advice.....

Contact Name.....Contact Phone #

Property Address.....

.....

Signature.....



EBV Quick Reference for Quanden Springs Angus Bull Sale 2022

Animal Ident	Calving Ease			Growth				Fertility				Carcass				Feed			Structural			Selection Indexes		
	CEDir	CEDtrs	GL	BWT	200	400	600	MCW	Milk	SS	DTC	CWT	EMA	RIB	P8	RBV	IMF	NFLF	Doc	Angle	Claw	\$A	\$AL	
1	WQCR36	+5.4	+0.9	-5.1	+4.3	+70	+120	+158	+134	+25	+2.6	-5.3	+88	+6.1	+1.0	-0.4	+0.8	+2.0	-0.10	+13	+1.00	+1.08	\$273	\$464
2	WQCR15	+0.5	-1.4	-5.6	+6.0	+69	+115	+160	+139	+20	+2.7	-2.9	+80	+5.8	-2.0	-4.2	+2.0	+1.7	-0.10	+3	+1.08	+1.02	\$232	\$403
3	WQCR47	+8.1	+6.4	-1.3	+1.3	+41	+90	+112	+89	+19	+3.5	-4.3	+66	+5.2	-0.4	-1.1	+0.4	+2.5	+0.50	+36	+0.84	+0.52	\$190	\$342
4	WQCR10	+3.4	+2.8	-4.6	+4.9	+57	+98	+132	+130	+13	+3.6	-5.8	+73	+3.3	-1.7	-1.1	+1.8	+1.8	-0.59	-1	+0.78	+0.86	\$211	\$385
5	WQCR45	+7.7	+4.3	-1.8	+2.1	+38	+61	+73	+47	+16	+1.2	-7.1	+43	+8.6	+2.3	-0.5	-0.6	+3.0	+0.85	+11	+1.02	+0.94	\$202	\$306
6	WQCR37	+4.5	+7.1	-3.4	+1.8	+49	+93	+114	+77	+24	+1.0	-7.3	+75	+9.2	+1.9	+0.5	-0.4	+2.6	+0.45	+0	+1.04	+1.00	\$247	\$390
7	WQCR38	+1.3	+2.6	-4.6	+3.6	+54	+91	+117	+108	+17	+1.0	-6.0	+59	+4.4	+0.9	+1.5	-1.3	+2.6	+0.18	+12	+0.90	+0.82	\$205	\$355
8	WQCR1	+8.8	-0.8	-11.5	+2.7	+39	+73	+96	+78	+19	+2.7	-4.4	+56	+1.7	+0.5	+0.2	+0.5	+3.0	+0.41	+7	+0.80	+0.70	\$186	\$308
9	WQCR39	+2.4	+1.3	-2.6	+2.8	+54	+101	+129	+105	+22	+0.7	-6.7	+75	+6.9	-0.3	-1.1	+0.3	+2.2	+0.00	+6	+0.94	+0.84	\$231	\$387
10	WQCR18	+5.6	+5.8	-1.6	+5.2	+58	+101	+134	+117	+20	+1.9	-3.0	+83	+7.9	-2.1	-2.8	+1.5	+2.9	+0.02	+5	+0.96	+0.98	\$231	\$397
11	WQCR23	+1.2	+5.2	-5.7	+4.5	+51	+89	+110	+114	+9	+5.2	-5.5	+69	+13.9	+0.2	-0.5	+3.6	+1.7	+0.25	-8	+0.88	+0.82	\$207	\$367
12	WQCR44	-3.0	+5.7	-1.6	+4.4	+54	+91	+109	+103	+10	+1.3	-4.0	+66	+6.9	-1.9	-1.8	+0.4	+3.1	+0.25	+19	+0.92	+0.90	\$203	\$339
13	WQCR43	+7.7	+5.2	-2.8	+3.2	+58	+110	+149	+121	+23	+1.9	-5.5	+86	+4.2	-1.1	-1.0	+1.2	+2.2	-0.43	+3	+1.00	+1.26	\$256	\$441
14	WQCR5	+6.8	-5.4	-8.1	+3.1	+57	+102	+136	+119	+23	+0.7	-4.4	+78	+8.8	+0.3	-2.3	+0.6	+2.7	+0.00	+11	+0.78	+0.76	\$226	\$388
15	WQCR30	+1.0	-1.3	-4.0	+5.1	+53	+94	+116	+96	+18	+1.9	-3.9	+64	+4.4	-1.5	+0.3	+1.7	+1.3	-0.30	-5	+1.02	+1.02	\$211	\$344
16	WQCR29	+7.7	+0.4	-6.1	+3.2	+48	+91	+123	+100	+21	+3.9	-6.0	+80	+6.4	-0.1	-2.2	+1.0	+2.1	+0.47	+12	+0.98	+0.60	\$201	\$355
17	WQCR19	+7.5	+6.8	-7.1	+1.8	+50	+84	+107	+82	+18	+1.4	-7.1	+67	+7.6	+1.7	+1.4	-0.2	+1.4	+0.38	-14	+0.80	+0.98	\$229	\$375
18	WQCR42	+7.5	-0.7	-2.1	+3.1	+58	+107	+141	+114	+26	+3.7	-4.2	+79	+1.9	-1.9	+0.3	+0.3	+2.6	-0.72	+12	+0.82	+0.88	\$240	\$408
19	WQCR21	+4.9	+2.2	-6.9	+4.2	+35	+65	+85	+63	+17	+2.5	-5.3	+42	-0.3	+0.9	+0.4	-1.2	+2.8	+0.38	+22	+0.82	+0.60	\$153	\$258
20	WQCR22	+6.3	-0.2	-6.8	+2.7	+47	+83	+106	+78	+20	+2.7	-6.4	+51	+8.7	+1.5	-1.0	+1.3	+2.6	+0.57	+0	+1.06	+0.96	\$232	\$363
21	WQCR2	+5.7	+2.2	-10.7	+3.7	+52	+93	+116	+95	+19	+3.9	-3.8	+58	+1.9	-0.4	-1.2	+0.8	+1.4	+0.13	+6	+0.92	+0.62	\$193	\$335
22	WQCR17	+7.8	+7.2	-2.8	+4.4	+55	+95	+123	+113	+15	+2.8	-4.5	+70	+7.2	-0.1	-0.8	+1.8	+1.0	+0.13	+11	+1.00	+0.86	\$211	\$381
23	WQCR35	+0.0	+4.2	-2.8	+3.7	+49	+98	+125	+108	+18	+1.7	-6.8	+77	+8.5	+1.8	-1.3	+0.5	+2.4	+0.59	+2	+1.16	+0.74	\$203	\$359
24	WQCR26	+1.5	+2.8	-7.7	+6.2	+65	+110	+151	+141	+13	+0.8	-4.2	+84	+5.6	-0.5	-0.8	+0.3	+2.7	-0.13	-1	+1.30	+1.44	\$234	\$417
25	WQCR51	+5.3	+1.2	-6.1	+4.1	+47	+87	+109	+93	+17	+2.0	-0.5	+57	+4.9	-1.6	-3.2	+1.4	+2.2	-0.11	+6	+1.02	+1.30	\$173	\$301
26	WQCR58	+5.2	-0.9	-6.1	+2.6	+40	+73	+95	+69	+17	-0.2	-2.0	+56	+14.7	-0.8	-1.7	+2.2	+1.6	+0.40	+2	+0.80	+0.74	\$190	\$296
27	WQCR61	+4.6	+3.3	-4.0	+4.1	+48	+91	+116	+90	+23	+1.6	-5.0	+61	+12.3	+0.7	+1.3	+0.2	+2.6	+0.75	-23	+1.20	+1.14	\$221	\$366
28	WQCR63	+8.7	+8.7	-10.6	+2.3	+49	+86	+106	+63	+23	+2.1	-7.0	+62	+10.0	+0.4	+0.5	+1.4	+2.1	+0.21	-1	+0.74	+0.90	\$271	\$408
29	WQCR65	-3.3	-2.4	-5.8	+6.6	+56	+97	+126	+127	+9	+2.6	-7.6	+79	+8.4	-0.5	-1.7	+1.2	+2.3	+0.00	-11	+0.86	+0.92	\$193	\$351

Quality



Quiet

QUANDEN SPRINGS

Angus Stud

