TOLIVAR
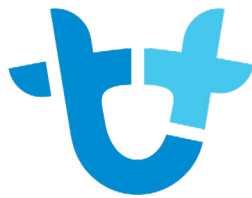# ANGUS

Bull Sale 2023

21st March, 2023 at 4.15pm

Interfaced with AuctionsPlus
Powranna TLX Complex, TAS

AuctionsPlus

ASA
SIRE ASSURED
BY ANGUS AUSTRALIA

AuctionsPlus

How to Register and Bid on AuctionsPlus

1 Go to **www.auctionsplus.com.au** to register at least 48 hours before the sale.

2 Select "**Sign Up**" in the top right hand corner.

3 Fill out your name, mobile number, email address and create a password.

4 Go to your emails and confirm the account.

5 Return to AuctionsPlus and log in.

6 Select "**Dashboard**" and then select "**Request Approval to Buy**".

7 Fill in buyer details and once completed go back to Dashboard.

8 Complete buyer induction module (approx. 30 minutes).

9 AuctionsPlus will email you to let you know that your account has been approved.

10 Log in on sale day and connect to auction.

11 Bid using the two-step process – unlock the bid button and bid at that price.

12 If you are successful, the selling agent will contact you post sale to organise delivery and payment.

For more information please contact us on:
Phone: (02) 9262 4222
Email: info@auctionsplus.com.au

Welcome to Tolivar Angus's 1st Annual Autumn Bull Sale

SALE COMMENCES
Tuesday, 21st March, 2023 - 4.15pm
Powranna TLX Complex, Tasmania
Interfaced with AuctionsPlus

ADDITIONAL SALE INFORMATION
Auction commences at 4.15pm in conjunction with Martindale starting at Lot 10 at the completion of the Martindale offering.

INSPECTIONS
Tuesday, 21st March, 2023 - 10am
Viewing of bulls available at the Tasmanian Livestock Exchange Tuesday 21st March from 10 am or privately on farm prior by arrangement.

OFFERING 15 SIRE ASSURED ANGUS BULLS
"Breeding for the Future"

AUCTIONSPLUS BIDDING
Online bidding is only available to Registered AuctionsPlus users. Remote bidders can bid on computers at their location and the bid is immediatley transferred to the sale venue.
To bid you must register online with AuctionsPlus at least 48 hours prior to the sale.

VENDORS
CC & SL Hill
Tolivar Angus

Colin Hill
Stud Principal
0418 328 853
tolivarangus@gmail.com

Tolivar Angus are located across three properties in the Tamar Region in Northern Tasmania.

AGENTS
Nutrien Ag Solutions - Launceston

Warren Johnston
0419 326 348

Jock Gibson
0418 133 595

Cooper Lamprey
0429 304 110

We welcome you to our First Annual Autumn Bull Sale.

It is with great pleasure to invite prospective buyers to view the 15 quality performance recorded bulls with an age spread of 13 months to 2 years of age.

The bulls presented are from 5 distinguished Angus Sires and our own home bred bull Tolivar Genesis Q02. Our home bred bull is sired by Pathfinder Genesis another good all rounder bull with exceptionally calm temperament which Tolivar Genesis Q02 inherited and has passed on to his sons.

Currently Tolivar's breeding herd consists of 80 Stud Angus females and 260 commercial cows. The founding females were purchased as yearling heifers in 2017. These females consist of Pleasant Vale, Cluden Newry and Te Mania bloodlines. We believe our selected Sires have some of the best genetics currently available. Through the use of embryo transfer and AI program we have been able to accelerate genetic gain and the numbers of calves into the Stud herd in a shortened time frame. Looking forward to next years Autumn bull sale, we will be presenting approx 30 bulls with sons from Beastmode, Paratrooper and more of our own Home bred Sires.

As the Stud breeding female numbers increase we will be reducing our commercial numbers. The cattle are managed under intensive grazing management. All our stock are pasture fed, supplemented with silage and hay when needed which has been harvested from our properties.

Our focus at Tolivar Angus is on breeding seedstock that are well suited to the variable Australian climate conditions. We aim to produce animals that not only have great growth, structure and are easy calving, but also have those highly desirable meat eating traits that the Angus cattle breed are renown for.

Sires represented in the sale catalogue include Baldridge Beast Mode B074, LD Capitalist, Gar Phoenix, Ayrvale Bartel E7, Black Onyx as well as our Stud Bred sire Tolivar TVA Genesis Q02.

We appreciate you taking the time to view our catalogue and hope you will be able to attend our sale. The sale will also be available online through Auction Plus. We would like to acknowledge Josh from Steerzy Vision who has compiled the bull videos and photos. Please don't hesitate to contact us if you have any questions regarding our bulls.

Warm Regards

Colin Hill on behalf of Tolivar Angus

Nutrien Ag Solutions®

AuctionsPlus®
Australia's Livestock Marketplace

Scan the QR code to be taken directly to Tolivar Angus Bull Sale on AuctionsPlus.

Sale Information

GUARANTEE

All bulls have been assessed for structural soundness and fertility evaluated. To the best of our knowledge the bulls offered are in sound working order as at the time of sale. If during the next 12 months of purchase the bull is deemed to be infertile or incapable, provided it is not caused by injury or sickness, the vendor agrees to supply the purchaser with a satisfactory replacement, if available, or issue the purchaser with a credit equal to the purchase price minus the salvage value that may be used on the next bull sale. The bull will be assessed by a veterinarian chosen by Tolivar Angus. A claim must be accompanied with a veterinary report.

CATTLE HEALTH

All bulls offered are:

- Tested free of Pestivirus
- Vaccinated according to recommendations with Pestigard, Vibrovax and Ultravac 7 in 1
- Semen tested and morphology assessed by Australian Veterinary Semen Morphology.
- Had their penis and testicles examined by Tas Livestock Service on 7/02/2023.
- Have been drenched with Cydectin pour on Cattle & Red Deer on 02/02/2023.
- All sale bulls have been genomic tested to confirm their genetic ability.

INSPECTION

Bulls will be available for pre-sale inspection as arranged by private appointment until 20th March. Bulls will be available for public viewing from 10am on sale day 21st March. To arrange a time for private viewing, please call Colin Hill on 0418 328 853.

OUTSIDE AGENTS

4% outside agent rebate to agents introducing clients 24 hours prior to sale commencing and settling within 7 days of invoice.

TRANSPORT

Free delivery for bulls purchased at the sale within Tasmania.

Free sea freight for bulls purchased at the sale to Geelong, King Island and Flinders Island.

If transit insurance is required this will be the buyer's responsibility

HEALTH & SAFETY

Although all bulls have displayed great temperament and are regularly handled, care must be taken. A change in environment and other pressures can cause a bull to become agitated. We ask for no children to enter pens on sale day.

SUPPLEMENTARY SHEETS

Supplementary sheets with weights and scrotum measurements will be available on sale day.

GST

All animals are sold exclusive of GST.

INSURANCE

There is no Vendor Insurance on Sale bulls. At the completion of the sale the stock purchased becomes the buyer's responsibility. We highly recommend that you insure your new purchase for 6 months. Please ask Agents for any insurance requirements.

ANGUS AUSTRALIA DISCLAIMER

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.

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 sireand/or dam may possibly be incorrect, but this cannot be confirmed conclusively.

21st March 2023 - 4.15pm

TACE
TransTasman Angus Cattle Evaluation

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, carcase, 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 carcase than a bull with a IMF EBV of +1.0 (i.e. 2% difference between the sire's EBVs, then halved as the sire only contributes half the genetics).

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

EBVs can also be used to benchmark an animal's genetics relative to the genetics of other Angus or Angus infused animals 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, carcase merit, feed efficiency and structural soundness. A description of each EBV included in this publication is provided on the following page.

Category	Trait	Units	Description	Interpretation
Calving Ease/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.
	RBY	%	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	Claw Set	score	Genetic differences in claw set structure (shape and evenness of claws).	Lower EBVs indicate a lower score.
	Foot Angle	score	Genetic differences in foot angle (strength of pastern, depth of heel).	Lower EBVs indicate a lower score.
	Leg Angle	score	Genetic differences in rear leg structure when viewed from the side (angle at front of the hock).	Lower EBVs indicate a lower score.
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.

BLACK HIDED CATTLE ARE NOT ALWAYS ANGUS

Angus Verified stops Angus imposters from eroding your profits and your breed

Access genuine Angus premiums and get rewarded for your quality Angus cattle by displaying the Angus Verified endorsement in the marketplace.

Validate your use of registered Angus sires and their presence on your PIC at the time of joining to authenticate your purebred commercial Angus calves.

Why would I join?

Builds integrity, confidence, and trust

Leverages a competitive advantage

Secures market premiums

Rewards the use of registered Angus sires

Adds credibility to your business reputation

All Angus Verified RFIDs are recorded in the Angus Australia database

Identify your cattle with exclusive Angus Verified tags

What's recorded?

Angus Sire Records

PIC Number

Angus Sire ID

RFID or NLIS ID

Angus Verified Animal Records

Mob Name

RFID or NLIS ID

Sex

Birth Year

Breeder PIC

Sire ID or Sire Group

Birth Range by Month

Where do I sign up?

1. Become a member of Angus Australia

2. Subscribe to Angus Verified
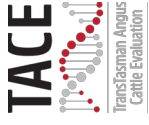
3. Download the free Aglive App

4. Set up your account

aglive
Powered by Aglive

What does it cost?

Angus Verified Subscription - $110/year

Verify Animals - $1/head

Contact Liz Pearson:
0488 758 360 · liz.pearson@angusaustralia.com.au

TransTasman Angus Cattle Evaluation - February 2023 Reference Tables

BREED AVERAGE EBVs

	Calving Ease		Birth		Growth					Fertility		Carcase						Other		Structure			Selection Indexes	
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DTC	CWT	EMA	RIB	P8	RBY	IMF	NFI-F	DOC	Claw	Angle	Leg	$A	$A-L
Brd Avg	+2.2	+2.7	-4.8	+4.1	+50	+90	+117	+101	+17	+2.1	-4.6	+66	+6.4	-0.1	-0.3	+0.5	+2.2	+0.19	+21	+0.85	+0.97	+1.03	+197	+339

* Breed average represents the average EBV of all 2021 drop Australian Angus and Angus-influenced seedstock animals analysed in the February 2023 TransTasman Angus Cattle Evaluation

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PERCENTILE BANDS TABLE

% Band	Calving Ease		Birth		Growth					Fertility		Carcase						Other		Structure			Selection Indexes	
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DTC	CWT	EMA	RIB	P8	RBY	IMF	NFI-F	DOC	Claw	Angle	Leg	$A	$A-L
1%	+10.8	+9.9	-10.7	-0.3	+70	+122	+161	+159	+28	+4.8	-7.9	+98	+14.5	+4.1	+4.8	+2.0	+5.9	-0.52	+43	+0.44	+0.60	+0.74	+272	+449
5%	+9.0	+8.2	-8.8	+1.1	+64	+112	+148	+140	+25	+3.9	-7.0	+88	+11.9	+2.7	+3.2	+1.5	+4.6	-0.31	+36	+0.56	+0.72	+0.84	+251	+418
10%	+7.8	+7.2	-7.9	+1.8	+60	+107	+140	+130	+23	+3.5	-6.5	+83	+10.6	+2.1	+2.3	+1.3	+4.0	-0.19	+32	+0.62	+0.78	+0.88	+241	+402
15%	+7.0	+6.5	-7.2	+2.2	+58	+104	+136	+124	+22	+3.2	-6.1	+79	+9.7	+1.6	+1.8	+1.1	+3.6	-0.12	+29	+0.66	+0.80	+0.90	+233	+392
20%	+6.3	+5.9	-6.7	+2.6	+57	+101	+132	+120	+21	+3.0	-5.8	+77	+9.0	+1.3	+1.4	+1.0	+3.3	-0.06	+27	+0.70	+0.84	+0.94	+227	+383
25%	+5.6	+5.4	-6.3	+2.9	+55	+99	+129	+116	+20	+2.8	-5.6	+75	+8.4	+1.0	+1.0	+0.9	+3.1	-0.01	+26	+0.72	+0.86	+0.96	+222	+376
30%	+5.1	+4.9	-6.0	+3.2	+54	+97	+127	+112	+20	+2.6	-5.4	+73	+7.9	+0.8	+0.7	+0.8	+2.9	+0.03	+24	+0.76	+0.88	+0.96	+217	+369
35%	+4.5	+4.4	-5.7	+3.4	+53	+95	+124	+109	+19	+2.5	-5.2	+71	+7.4	+0.5	+0.5	+0.7	+2.7	+0.07	+23	+0.78	+0.90	+0.98	+213	+363
40%	+3.9	+4.0	-5.4	+3.6	+52	+94	+122	+106	+18	+2.4	-5.0	+69	+7.0	+0.3	+0.2	+0.6	+2.5	+0.11	+22	+0.80	+0.92	+1.00	+209	+357
45%	+3.4	+3.5	-5.1	+3.8	+51	+92	+120	+103	+18	+2.2	-4.8	+68	+6.6	+0.1	-0.1	+0.6	+2.3	+0.15	+21	+0.82	+0.94	+1.02	+205	+351
50%	+2.8	+3.1	-4.8	+4.0	+50	+91	+117	+101	+17	+2.1	-4.6	+66	+6.2	-0.1	-0.3	+0.5	+2.1	+0.18	+20	+0.84	+0.96	+1.02	+200	+345
55%	+2.3	+2.6	-4.5	+4.3	+49	+89	+115	+98	+17	+2.0	-4.5	+65	+5.9	-0.3	-0.6	+0.4	+2.0	+0.22	+19	+0.86	+0.98	+1.04	+196	+339
60%	+1.7	+2.1	-4.2	+4.5	+48	+87	+113	+95	+16	+1.9	-4.3	+63	+5.5	-0.5	-0.8	+0.3	+1.8	+0.25	+18	+0.88	+1.00	+1.06	+191	+332
65%	+1.0	+1.6	-3.9	+4.7	+47	+86	+111	+92	+16	+1.7	-4.1	+61	+5.1	-0.7	-1.1	+0.3	+1.6	+0.29	+17	+0.92	+1.02	+1.08	+187	+325
70%	+0.3	+1.0	-3.6	+4.9	+46	+84	+108	+89	+15	+1.6	-4.0	+60	+4.7	-0.9	-1.4	+0.2	+1.4	+0.34	+16	+0.94	+1.06	+1.10	+181	+317
75%	-0.5	+0.4	-3.2	+5.2	+45	+82	+106	+86	+14	+1.5	-3.7	+58	+4.3	-1.1	-1.7	+0.1	+1.2	+0.38	+15	+0.98	+1.08	+1.12	+175	+309
80%	-1.5	-0.3	-2.8	+5.5	+43	+80	+103	+82	+14	+1.3	-3.5	+56	+3.8	-1.4	-2.1	+0.0	+1.0	+0.43	+14	+1.00	+1.10	+1.14	+168	+299
85%	-2.6	-1.2	-2.3	+5.9	+42	+77	+99	+77	+13	+1.1	-3.2	+53	+3.2	-1.7	-2.5	-0.1	+0.8	+0.50	+13	+1.04	+1.14	+1.16	+159	+286
90%	-4.2	-2.4	-1.7	+6.3	+40	+74	+94	+71	+12	+0.9	-2.8	+50	+2.5	-2.1	-3.0	-0.3	+0.5	+0.58	+11	+1.10	+1.18	+1.18	+148	+269
95%	-6.8	-4.2	-0.7	+7.0	+36	+68	+87	+62	+10	+0.5	-2.1	+45	+1.3	-2.8	-3.8	-0.6	+0.1	+0.71	+8	+1.16	+1.26	+1.24	+129	+240
99%	-12.4	-8.1	+1.3	+8.4	+29	+57	+72	+43	+7	-0.3	-0.3	+35	-1.0	-4.0	-5.4	-1.1	-0.7	+0.95	+1	+1.32	+1.40	+1.34	+95	+188

* The percentile bands represent the distribution of EBVs across the 2021 drop Australian Angus and Angus-influenced seedstock animals analysed in the February 2023 TransTasman Angus Cattle Evaluation .

21st March 2023 - 4.15pm

EBV Quick Reference for Tolivar Angus

	Animal Ident	Calving Ease/Birth				Growth					Fertility		Carcase						Feed	Temp.	Structural			Select. Indexes	
		CEDir	CEDtrs	GL	BWT	200	400	600	MCW	Milk	SS	DTC	CWT	EMA	RIB	P8	RBY	IMF	NFI-F	Doc	Claw	Angle	Leg	$A	$A-L
10	TVA21S18	+5.6	+6.5	-3.9	+4.4	+46	+81	+113	+89	+19	+2.4	-5.8	+65	+10.5	-0.8	+0.2	+1.2	+2.1	+0.50	+6	+1.16	+1.02	+1.00	$229	$376
11	TVA21S40	+0.0	+3.1	-7.7	+7.3	+58	+109	+140	+134	+19	+3.0	-5.1	+91	+10.8	-1.3	-2.4	+1.7	-0.3	+0.29	+21	+1.04	+0.96	+0.86	$209	$379
12	TVA21S35	-1.0	+4.4	-6.6	+7.0	+61	+104	+131	+128	+22	+4.3	-6.3	+82	+6.1	-1.8	-3.9	+1.0	+0.5	+0.25	+23	+0.96	+0.80	+0.88	$198	$363
13	TVA21S21	+2.9	+5.2	-3.3	+5.6	+52	+87	+116	+102	+21	+4.4	-7.2	+63	+7.4	-3.7	-4.5	+1.4	+2.7	+0.33	+9	+0.96	+1.12	+1.16	$224	$378
14	TVA21S29	+5.4	+4.4	-9.6	+5.3	+64	+111	+151	+150	+20	+3.3	-4.1	+96	+11.1	-2.3	-4.1	+2.0	-1.0	+0.26	+22	+1.10	+1.16	+0.88	$210	$399
15	TVA21S26	+5.2	+1.9	-1.7	+3.5	+56	+101	+131	+93	+20	+2.8	-5.8	+81	+6.6	+0.7	+2.1	+0.2	+2.3	+0.01	+18	+0.98	+0.98	+0.94	$251	$406
16	TVA21S20	+2.1	+5.5	-2.9	+4.5	+45	+80	+106	+76	+20	+1.7	-4.5	+60	+11.2	-1.0	-0.4	+1.7	+2.4	+0.32	+10	+0.92	+0.90	+1.24	$227	$351
17	TVA21S27	+10.4	+6.4	-4.0	+1.6	+53	+93	+121	+83	+22	+2.3	-5.6	+75	+12.1	-0.6	-0.3	+1.6	+2.6	+0.15	+17	+0.86	+0.86	+0.96	$274	$429
18	TVA21S10	+3.6	+8.0	-1.6	+1.9	+38	+68	+88	+73	+16	+2.3	-5.7	+43	+4.1	-0.6	+0.5	+0.5	+2.6	+0.50	+11	+0.80	+0.68	+0.72	$183	$310
19	TVA22T5	+6.3	+4.0	-6.1	+3.7	+55	+92	+119	+114	+13	+2.9	-5.0	+64	-0.4	+0.0	-0.6	+0.3	+0.4	+0.00	+25	+0.86	+0.94	+1.08	$180	$341
20	TVA22T13	+6.5	+7.2	-7.5	+2.3	+59	+92	+115	+112	+11	+3.4	-4.8	+60	+7.0	-1.7	-3.0	+1.1	+1.2	+0.13	+25	+0.86	+0.76	+0.94	$213	$378
21	TVA22T6	+8.5	+6.6	-5.5	+2.3	+59	+100	+132	+128	+16	+3.0	-4.0	+70	+5.9	-2.6	-3.3	+1.3	+0.3	-0.21	+25	+0.86	+0.90	+1.18	$200	$378
22	TVA22T4	+9.3	+6.6	-5.6	+1.9	+50	+92	+117	+85	+21	+1.5	-5.5	+73	+2.1	-0.1	+0.4	+0.2	+2.2	-0.25	+19	+0.92	+0.96	+1.06	$224	$376
23	TVA22T21	+10.7	+7.6	-6.5	+2.8	+45	+84	+103	+93	+14	+0.6	-5.1	+57	+7.1	+1.8	+3.5	+0.3	+2.5	+0.50	+9	+0.86	+0.96	+0.88	$219	$375
24	TVA22T17	+9.3	+8.0	-9.4	+1.2	+51	+90	+121	+105	+16	-0.4	-3.6	+67	+5.7	+0.0	-2.0	+0.4	+1.0	-0.39	+17	+1.00	+1.08	+1.04	$187	$344
		CEDir	CEDtrs	GL	BWT	200	400	600	MCW	Milk	SS	DTC	CWT	EMA	RIB	P8	RBY	IMF	NFI-F	Doc	Claw	Angle	Leg	$A	$A-L
		+2.2	+2.7	-4.8	+4.1	+50	+90	+117	+101	+17	+2.1	-4.6	+66	+6.4	-0.1	-0.3	+0.5	+2.2	+0.19	+21	+0.85	+0.97	+1.03	+197	+339

TACE
TransTasman Angus Cattle Evaluation

Sale Lots

Lot 10 — TOLIVAR BARTEL S18^{PV} — TVA21S18

DOB: **25/07/2021** Registration Status: **HBR** Mating Type: **AI** Genetic Status: **AMF,CAF,DDF,NHF**

B/R NEW DIMENSION 7127^{SV}
TE MANIA BARTEL B219^{PV}
TE MANIA JEDDA W85$^{#}$

Sire: HIOE7 AYRVALE BARTEL E7^{PV}

MYTTY IN FOCUS$^{#}$
EAGLEHAWK JEDDA B32^{SV}
EAGLEHAWK JEDDA Z48$^{#}$

PLEASANT VALE WHITWORTH F22^{SV}
PLEASANT VALE WHITWORTH M41^{SV}
PLEASANT VALE BELLA B14$^{#}$

Dam: TVAP05 TOLIVAR JORDAN P05^{PV}

TE MANIA GANGLAND G207^{PV}
BOV M6^{SV}
BOV H92$^{#}$

February 2023 TransTasman Angus Cattle Evaluation

TACE	Dir	Dtrs	GL	BW	200 W	400 W	600 W	MCW	Milk	SS	Doc
EBV	+5.6	+6.5	-3.9	+4.4	+46	+81	+113	+89	+19	+2.4	+6
ACC	63%	57%	71%	71%	73%	71%	71%	70%	65%	73%	52%
Perc	25	15	64	57	69	76	60	70	32	37	97

TACE	D t C	CWT	EMA	Rib	Rump	RBY	IMF	NFI-F	Claw	Angle	Leg
EBV	-5.8	+65	+10.5	-0.8	+0.2	+1.2	+2.1	+0.50	+1.16	+1.02	+1.00
ACC	51%	65%	64%	66%	66%	61%	68%	59%	68%	68%	67%
Perc	20	53	11	67	39	11	50	85	95	61	38

Selection Indexes

$A	$A-L
$229	$376
19	25

Traits Observed:
BWT,200WT,400WT,SC,
Genomics

Notes: A well balanced bull with standout EMA.

Purchaser:... $:...

Lot 11 — TOLIVAR SHOWMAN S40^{SV} — TVA21S40

DOB: **06/09/2021** Registration Status: **HBR** Mating Type: **Natural** Genetic Status: **AMF,CAF,DDF,NHF**

TE MANIA BERKLEY B1^{PV}
PATHFINDER GENESIS G357^{PV}
PATHFINDER DIRECTION D245^{SV}

Sire: TVAQ02 TOLIVAR GENESIS Q02^{SV}

PLEASANT VALE WHITWORTH F22^{SV}
PLEASANT VALE ELLEN M74^{SV}
PLEASANT VALE ELLEN H20$^{#}$

AYRVALE BARTEL E7^{PV}
PLEASANT VALE BARTEL J30^{SV}
PLEASANT VALE DESTINY D14$^{#}$

Dam: TGUN72 PLEASANT VALE JANE N72$^{#}$

VERMILION DATELINE 7078$^{#}$
PLEASANT VALE JANE B3$^{#}$
MERRIGRANGE JANE Q223+95$^{#}$

February 2023 TransTasman Angus Cattle Evaluation

TACE	Dir	Dtrs	GL	BW	200 W	400 W	600 W	MCW	Milk	SS	Doc
EBV	+0.0	+3.1	-7.7	+7.3	+58	+109	+140	+134	+19	+3.0	+21
ACC	53%	44%	67%	69%	69%	66%	67%	64%	56%	69%	34%
Perc	72	50	11	97	18	8	11	8	38	18	44

TACE	D t C	CWT	EMA	Rib	Rump	RBY	IMF	NFI-F	Claw	Angle	Leg
EBV	-5.1	+91	+10.8	-1.3	-2.4	+1.7	-0.3	+0.29	+1.04	+0.96	+0.86
ACC	35%	57%	55%	58%	58%	50%	61%	48%	63%	64%	61%
Perc	36	4	9	77	84	3	98	64	84	46	7

Selection Indexes

$A	$A-L
$209	$379
41	24

Traits Observed:
BWT,200WT,400WT,SC,
Genomics

Notes: The youngest and fastest growing bull on offer. A true beef maker.

Purchaser:... $:...

Sale Lots

Lot 12 — TOLIVAR SYDNEY S35^{PV} — TVA21S35

DOB: 20/08/2021	**Registration Status:** HBR
Mating Type: Natural	**Genetic Status:** AMFU,CAFU,DDF,NHF

TE MANIA BERKLEY B1^{PV}
PATHFINDER GENESIS G357^{PV}
PATHFINDER DIRECTION D245^{SV}

Sire: TVAQ02 TOLIVAR GENESIS Q02^{SV}

PLEASANT VALE WHITWORTH F22^{SV}
PLEASANT VALE ELLEN M74^{SV}
PLEASANT VALE ELLEN H20[#]

G A R PROPHET^{SV}
TOPBOS LEADING EDGE L292^{PV}
STRATHEWEN BERKLY BLACKBIRD F04^{PV}

Dam: TVAQ07 TOLIVAR Q07^{SV}

TE MANIA GANGLAND G207^{PV}
BOV M90^E
BOV J27[#]

February 2023 TransTasman Angus Cattle Evaluation

TACE	Dir	Dtrs	GL	BW	200 W	400 W	600 W	MCW	Milk	SS	Doc
EBV	-1.0	+4.4	-6.6	+7.0	+61	+104	+131	+128	+22	+4.3	+23
ACC	53%	42%	70%	68%	70%	67%	67%	65%	58%	70%	38%
Perc	78	35	22	95	10	16	22	12	15	3	35

TACE	D t C	CWT	EMA	Rib	Rump	RBY	IMF	NFI-F	Claw	Angle	Leg
EBV	-6.3	+82	+6.1	-1.8	-3.9	+1.0	+0.5	+0.25	+0.96	+0.80	+0.88
ACC	35%	59%	58%	59%	60%	53%	63%	51%	61%	61%	59%
Perc	12	11	52	86	96	18	90	59	72	13	9

Selection Indexes

$A	$A-L
$198	**$363**
53	35

Traits Observed:
BWT,200WT,400WT,SC,
Genomics

Notes: A gentle giant with a great body.

Purchaser:... $:...

Lot 13 — TOLIVAR BARTEL S21^{PV} — TVA21S21

DOB: 29/07/2021	**Registration Status:** HBR
Mating Type: AI	**Genetic Status:** AMFU,CAF,DDF,NHF

B/R NEW DIMENSION 7127^{SV}
TE MANIA BARTEL B219^{PV}
TE MANIA JEDDA W85[#]

Sire: HIOE7 AYRVALE BARTEL E7^{PV}

MYTTY IN FOCUS[#]
EAGLEHAWK JEDDA B32^{SV}
EAGLEHAWK JEDDA Z48[#]

PLEASANT VALE WHITWORTH F22^{SV}
PLEASANT VALE WHITWORTH M41^{SV}
PLEASANT VALE BELLA B14[#]

Dam: TVAP03 TOLIVAR MACKENZIE P03^{SV}

TE MANIA GANGLAND G207^{PV}
BOV M90^E
BOV J27[#]

February 2023 TransTasman Angus Cattle Evaluation

TACE	Dir	Dtrs	GL	BW	200 W	400 W	600 W	MCW	Milk	SS	Doc
EBV	+2.9	+5.2	-3.3	+5.6	+52	+87	+116	+102	+21	+4.4	+9
ACC	63%	57%	76%	72%	73%	71%	71%	70%	65%	73%	52%
Perc	49	27	73	81	39	60	54	48	24	2	94

TACE	D t C	CWT	EMA	Rib	Rump	RBY	IMF	NFI-F	Claw	Angle	Leg
EBV	-7.2	+63	+7.4	-3.7	-4.5	+1.4	+2.7	+0.33	+0.96	+1.12	+1.16
ACC	51%	65%	65%	66%	66%	61%	69%	60%	67%	67%	66%
Perc	4	62	35	99	98	6	33	69	72	81	84

Selection Indexes

$A	$A-L
$224	**$378**
23	24

Traits Observed: GL,BWT,
200WT,400WT,SC,
Genomics

Notes: Big muscled and huge scrotal. Growth and fertility are his standout traits.

Purchaser:... $:...

Sale Lots

Lot 14 — TOLIVAR SEAMAN S29^{PV} — TVA21S29

DOB: **13/08/2021**   Registration Status: **HBR**   Mating Type: **Natural**   Genetic Status: **AMF,CAF,DDF,NHF**

                    TE MANIA BERKLEY B1^{PV}
          PATHFINDER GENESIS G357^{PV}
                    PATHFINDER DIRECTION D245^{SV}
Sire: TVAQ02 TOLIVAR GENESIS Q02^{SV}
                    PLEASANT VALE WHITWORTH F22^{SV}
          PLEASANT VALE ELLEN M74^{SV}
                    PLEASANT VALE ELLEN H20[#]

                    TE MANIA BERKLEY B1^{PV}
          PATHFINDER GENESIS G357^{PV}
                    PATHFINDER DIRECTION D245^{SV}
Dam: TVAQ16 TOLIVAR PONO Q16^{SV}
                    PLEASANT VALE BARTEL J30^{SV}
          PLEASANT VALE PONO N12^{SV}
                    PLEASANT VALE PONO J31[#]

February 2023 TransTasman Angus Cattle Evaluation

TACE	Dir	Dtrs	GL	BW	200 W	400 W	600 W	MCW	Milk	SS	Doc
EBV	+5.4	+4.4	-9.6	+5.3	+64	+111	+151	+150	+20	+3.3	+22
ACC	55%	46%	72%	70%	72%	69%	70%	68%	62%	72%	40%
Perc	27	35	3	76	5	6	4	3	26	12	41

TACE	D t C	CWT	EMA	Rib	Rump	RBY	IMF	NFI-F	Claw	Angle	Leg
EBV	-4.1	+96	+11.1	-2.3	-4.1	+2.0	-1.0	+0.26	+1.10	+1.16	+0.88
ACC	40%	62%	62%	63%	63%	56%	66%	55%	54%	54%	53%
Perc	65	2	8	92	97	1	99	61	90	87	9

Selection Indexes

$A	$A-L
$210	$399
39	12

Traits Observed:
BWT,200WT,400WT,SC,
Genomics

Notes: Has nine traits in the top 10% EBV's.

Purchaser:.. $:..

Lot 15 — TOLIVAR PHOENIX S26^{PV} — TVA21S26

DOB: **09/08/2021**   Registration Status: **HBR**   Mating Type: **ET**   Genetic Status: **AMF,CAF,DDF,NHF**

                    CONNEALY IN SURE 8524[#]
          G A R SURE FIRE^{SV}
                    CHAIR ROCK 5050 G A R 8086[#]
Sire: USA18636106 G A R PHOENIX^{PV}
                    G A R PROPHET^{SV}
          G A R PROPHET N744[#]
                    G A R DAYBREAK 440[#]

                    AYRVALE BARTEL E7^{PV}
          PLEASANT VALE BARTEL J30^{SV}
                    PLEASANT VALE DESTINY D14[#]
Dam: TGUN23 PLEASANT VALE BEAUTY N23^{SV}
                    RITO 2V1 OF 2536 1407[#]
          PLEASANT VALE BEAUTY B20[#]
                    ROSSANDER VICKY X46[#]

February 2023 TransTasman Angus Cattle Evaluation

TACE	Dir	Dtrs	GL	BW	200 W	400 W	600 W	MCW	Milk	SS	Doc
EBV	+5.2	+1.9	-1.7	+3.5	+56	+101	+131	+93	+20	+2.8	+18
ACC	59%	48%	72%	73%	74%	72%	72%	69%	63%	68%	50%
Perc	29	62	90	36	22	21	22	64	29	23	61

TACE	D t C	CWT	EMA	Rib	Rump	RBY	IMF	NFI-F	Claw	Angle	Leg
EBV	-5.8	+81	+6.6	+0.7	+2.1	+0.2	+2.3	+0.01	+0.98	+0.98	+0.94
ACC	39%	63%	62%	63%	63%	57%	66%	55%	68%	68%	65%
Perc	20	13	45	31	12	66	44	28	75	51	20

Selection Indexes

$A	$A-L
$251	$406
6	9

Traits Observed:
BWT,200WT,400WT,SC,
Genomics

Notes: Personal favourite. Heifer bull. Well balanced in all traits. A real standout.

Purchaser:.. $:..

Sale Lots

Lot 16   TOLIVAR BARTEL S20^{PV}   TVA21S20

DOB: 27/07/2021   Registration Status: **HBR**   Mating Type: **AI**   Genetic Status: **AMF,CAF,DDF,NHF**

```
                          B/R NEW DIMENSION 7127 SV
            TE MANIA BARTEL B219 PV
                          TE MANIA JEDDA W85 #
Sire: HIOE7 AYRVALE BARTEL E7 PV
                          MYTTY IN FOCUS #
            EAGLEHAWK JEDDA B32 SV
                          EAGLEHAWK JEDDA Z48 #

                          PLEASANT VALE WHITWORTH F22 SV
            PLEASANT VALE WHITWORTH M41 SV
                          PLEASANT VALE BELLA B14 #
Dam: TVAP08 TOLIVAR CHLOE P08 SV
                          PLEASANT VALE DURHAM J27 SV
            PLEASANT VALE PONO M55 #
                          PLEASANT VALE DELUXE D24 #
```

February 2023 TransTasman Angus Cattle Evaluation

TACE	Dir	Dtrs	GL	BW	200 W	400 W	600 W	MCW	Milk	SS	Doc
EBV	+2.1	+5.5	-2.9	+4.5	+45	+80	+106	+76	+20	+1.7	+10
ACC	63%	57%	76%	72%	73%	71%	71%	70%	65%	73%	52%
Perc	56	24	79	60	74	79	75	87	31	65	92

TACE	D t C	CWT	EMA	Rib	Rump	RBY	IMF	NFI-F	Claw	Angle	Leg
EBV	-4.5	+60	+11.2	-1.0	-0.4	+1.7	+2.4	+0.32	+0.92	+0.90	+1.24
ACC	51%	65%	64%	66%	66%	61%	68%	59%	67%	67%	66%
Perc	53	69	8	71	51	3	41	68	65	31	95

Selection Indexes

$A	$A-L
$227	$351
21	45

Traits Observed: GL,BWT, 200WT,400WT,SC, Genomics

Notes: Growth, eye muscle and RBY are his standout traits.

Purchaser:.. $:...

Lot 17   TOLIVAR PHOENIX S27^{PV}   TVA21S27

DOB: 09/08/2021   Registration Status: **HBR**   Mating Type: **ET**   Genetic Status: **AMF,CAF,DDF,NHF**

```
                          CONNEALY IN SURE 8524 #
            G A R SURE FIRE SV
                          CHAIR ROCK 5050 G A R 8086 #
Sire: USA18636106 G A R PHOENIX PV
                          G A R PROPHET SV
            G A R PROPHET N744 #
                          G A R DAYBREAK 440 #

                          AYRVALE BARTEL E7 PV
            PLEASANT VALE BARTEL J30 SV
                          PLEASANT VALE DESTINY D14 #
Dam: TGUN12 PLEASANT VALE PONO N12 SV
                          AYRVALE BARTEL E7 PV
            PLEASANT VALE PONO J31 #
                          YTHANBRAE PONO U525 #
```

February 2023 TransTasman Angus Cattle Evaluation

TACE	Dir	Dtrs	GL	BW	200 W	400 W	600 W	MCW	Milk	SS	Doc
EBV	+10.4	+6.4	-4.0	+1.6	+53	+93	+121	+83	+22	+2.3	+17
ACC	60%	50%	72%	73%	74%	72%	72%	69%	64%	69%	51%
Perc	2	16	63	9	35	43	41	79	13	41	65

TACE	D t C	CWT	EMA	Rib	Rump	RBY	IMF	NFI-F	Claw	Angle	Leg
EBV	-5.6	+75	+12.1	-0.6	-0.3	+1.6	+2.6	+0.15	+0.86	+0.86	+0.96
ACC	39%	64%	63%	64%	64%	58%	67%	55%	69%	69%	66%
Perc	24	24	5	62	49	3	36	45	52	23	25

Selection Indexes

$A	$A-L
$274	$429
1	3

Traits Observed: BWT,200WT,400WT,SC, Genomics

Notes: A true heifer bull. Top 2% CE, with 8 EBV's in the top 20%. A herd improver.

Purchaser:.. $:...

Lot 18 — TOLIVAR BARTEL S10^{SV} — TVA21S10

Lot 18 — TOLIVAR BARTEL S10[SV] — TVA21S10

DOB: 19/02/2021 | Registration Status: **HBR** | Mating Type: **AI** | Genetic Status: **AMF,CAF,DDF,NHF**

```
                    B/R NEW DIMENSION 7127[SV]
         TE MANIA BARTEL B219[PV]
                    TE MANIA JEDDA W85[#]
Sire: HIOE7 AYRVALE BARTEL E7[PV]
                    MYTTY IN FOCUS[#]
         EAGLEHAWK JEDDA B32[SV]
                    EAGLEHAWK JEDDA Z48[#]

                    SITZ BULL DURHAM 10308[#]
         PLEASANT VALE DURHAM J27[SV]
                    PLEASANT VALE ELEGANT GIRL E45[#]
Dam: TGUM99 PLEASANT VALE PONO M99[#]
                    PLEASANT VALE SUPER DIRECTION A5[SV]
         PLEASANT VALE PONO G40[#]
                    PLEASANT VALE DELUXE D24[#]
```


February 2023 TransTasman Angus Cattle Evaluation

TACE	Dir	Dtrs	GL	BW	200 W	400 W	600 W	MCW	Milk	SS	Doc
EBV	+3.6	+8.0	-1.6	+1.9	+38	+68	+88	+73	+16	+2.3	+11
ACC	64%	58%	81%	72%	73%	72%	72%	70%	66%	72%	52%
Perc	43	6	91	11	94	96	95	89	62	41	89

TACE	D t C	CWT	EMA	Rib	Rump	RBY	IMF	NFI-F	Claw	Angle	Leg
EBV	-5.7	+43	+4.1	-0.6	+0.5	+0.5	+2.6	+0.50	+0.80	+0.68	+0.72
ACC	51%	66%	65%	66%	66%	61%	69%	60%	67%	72%	69%
Perc	22	97	77	62	34	47	36	85	39	3	1

Selection Indexes

$A	$A-L
$183	$310
69	75

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

Notes: An easy calving heifer bull, heavy framed, leg and angle in top 5%.

Purchaser:.. $:...

Lot 19 — TOLIVAR BEASTMODE T5[PV] — TVA22T5

DOB: 22/01/2022 | Registration Status: **HBR** | Mating Type: **ET** | Genetic Status: **AMF,CAF,DDF,NHF**

```
                    C R A BEXTOR 872 5205 608[#]
         G A R PROPHET[SV]
                    G A R OBJECTIVE 1885[#]
Sire: USA17960722 BALDRIDGE BEAST MODE B074[PV]
                    STYLES UPGRADE J59[#]
         BALDRIDGE ISABEL Y69[#]
                    BALDRIDGE ISABEL T935[#]

                    KENNY'S CREEK WHITWORTH Z101[SV]
         PLEASANT VALE WHITWORTH F22[SV]
                    PLEASANT VALE CHAMPAGNE C9[#]
Dam: TGUM74 PLEASANT VALE ELLEN M74[SV]
                    ARDROSSAN EQUATOR D19[SV]
         PLEASANT VALE ELLEN H20[#]
                    PLEASANT VALE EMMA Z4[#]
```


February 2023 TransTasman Angus Cattle Evaluation

TACE	Dir	Dtrs	GL	BW	200 W	400 W	600 W	MCW	Milk	SS	Doc
EBV	+6.3	+4.0	-6.1	+3.7	+55	+92	+119	+114	+13	+2.9	+25
ACC	63%	54%	72%	73%	74%	72%	72%	70%	65%	69%	52%
Perc	20	40	28	41	29	45	46	28	84	21	27

TACE	D t C	CWT	EMA	Rib	Rump	RBY	IMF	NFI-F	Claw	Angle	Leg
EBV	-5.0	+64	-0.4	+0.0	-0.6	+0.3	+0.4	+0.00	+0.86	+0.94	+1.08
ACC	42%	64%	63%	64%	64%	59%	66%	54%	70%	70%	67%
Perc	38	56	99	47	55	60	91	26	52	41	64

Selection Indexes

$A	$A-L
$180	$341
72	54

Traits Observed: BWT,200WT,Genomics

Notes: Heifer bull. Well framed body.

Purchaser:.. $:...

Sale Lots

Lot 20   TOLIVAR BEASTMODE T13^{PV}   TVA22T13

DOB: **28/01/2022**   Registration Status: **HBR**   Mating Type: **ET**   Genetic Status: **AMF,CAF,DDF,NHF**

C R A BEXTOR 872 5205 608#
G A R PROPHET^{SV}
G A R OBJECTIVE 1885#

Sire: USA17960722 BALDRIDGE BEAST MODE B074^{PV}

STYLES UPGRADE J59#
BALDRIDGE ISABEL Y69#
BALDRIDGE ISABEL T935#

KENNY'S CREEK WHITWORTH Z101^{SV}
PLEASANT VALE WHITWORTH F22^{SV}
PLEASANT VALE CHAMPAGNE C9#

Dam: TGUM74 PLEASANT VALE ELLEN M74^{SV}

ARDROSSAN EQUATOR D19^{SV}
PLEASANT VALE ELLEN H20#
PLEASANT VALE EMMA Z4#

February 2023 TransTasman Angus Cattle Evaluation

TACE	Dir	Dtrs	GL	BW	200 W	400 W	600 W	MCW	Milk	SS	Doc
EBV	+6.5	+7.2	-7.5	+2.3	+59	+92	+115	+112	+11	+3.4	+25
ACC	64%	54%	72%	73%	74%	72%	72%	70%	65%	69%	52%
Perc	18	10	13	16	15	47	56	31	91	11	27

TACE	D t C	CWT	EMA	Rib	Rump	RBY	IMF	NFI-F	Claw	Angle	Leg
EBV	-4.8	+60	+7.0	-1.7	-3.0	+1.1	+1.2	+0.13	+0.86	+0.76	+0.94
ACC	43%	65%	63%	65%	65%	59%	66%	55%	68%	68%	65%
Perc	44	70	40	84	90	14	75	43	52	8	20

Selection Indexes

$A	$A-L
$213	$378
35	24

Traits Observed:
BWT,200WT,Genomics

Notes: A great heifer bull with 9 traits in the top 20%. A real standout in body and structure.

Purchaser:.. $:...

Lot 21   TOLIVAR BEASTMODE T6^{PV}   TVA22T6

DOB: **24/01/2022**   Registration Status: **HBR**   Mating Type: **ET**   Genetic Status: **AMF,CAF,DDF,NHF**

C R A BEXTOR 872 5205 608#
G A R PROPHET^{SV}
G A R OBJECTIVE 1885#

Sire: USA17960722 BALDRIDGE BEAST MODE B074^{PV}

STYLES UPGRADE J59#
BALDRIDGE ISABEL Y69#
BALDRIDGE ISABEL T935#

KENNY'S CREEK WHITWORTH Z101^{SV}
PLEASANT VALE WHITWORTH F22^{SV}
PLEASANT VALE CHAMPAGNE C9#

Dam: TGUM74 PLEASANT VALE ELLEN M74^{SV}

ARDROSSAN EQUATOR D19^{SV}
PLEASANT VALE ELLEN H20#
PLEASANT VALE EMMA Z4#

February 2023 TransTasman Angus Cattle Evaluation

TACE	Dir	Dtrs	GL	BW	200 W	400 W	600 W	MCW	Milk	SS	Doc
EBV	+8.5	+6.6	-5.5	+2.3	+59	+100	+132	+128	+16	+3.0	+25
ACC	63%	54%	72%	73%	74%	72%	73%	70%	65%	69%	52%
Perc	7	15	37	16	15	23	21	12	61	18	27

TACE	D t C	CWT	EMA	Rib	Rump	RBY	IMF	NFI-F	Claw	Angle	Leg
EBV	-4.0	+70	+5.9	-2.6	-3.3	+1.3	+0.3	-0.21	+0.86	+0.90	+1.18
ACC	43%	65%	63%	65%	65%	59%	67%	55%	68%	68%	65%
Perc	68	38	54	94	92	8	93	9	52	31	88

Selection Indexes

$A	$A-L
$200	$378
51	24

Traits Observed:
BWT,200WT,Genomics

Notes: Heifer bull. Full brother to T13 and T5.

Purchaser:.. $:...

Sale Lots

Lot 22 — TOLIVAR PHOENIX T4^{PV} — TVA22T4

DOB: 22/01/2022   **Registration Status:** HBR   **Mating Type:** ET   **Genetic Status:** AMF,CAF,DDF,NHF

CONNEALY IN SURE 8524#
G A R SURE FIRE^{SV}
CHAIR ROCK 5050 G A R 8086#

Sire: USA18636106 G A R PHOENIX^{PV}

G A R PROPHET^{SV}
G A R PROPHET N744#
G A R DAYBREAK 440#

AYRVALE BARTEL E7^{PV}
PLEASANT VALE BARTEL J30^{SV}
PLEASANT VALE DESTINY D14#

Dam: TGUN43 PLEASANT VALE SUNRAY N43^{SV}

PLEASANT VALE ENTERPRISE E17^{SV}
PLEASANT VALE SUNRAY G54#
PLEASANT VALE D33#

February 2023 TransTasman Angus Cattle Evaluation

TACE	Dir	Dtrs	GL	BW	200 W	400 W	600 W	MCW	Milk	SS	Doc
EBV	+9.3	+6.6	-5.6	+1.9	+50	+92	+117	+85	+21	+1.5	+19
ACC	59%	47%	72%	73%	74%	72%	72%	69%	63%	68%	49%
Perc	4	15	36	11	53	46	51	77	22	73	55

TACE	D t C	CWT	EMA	Rib	Rump	RBY	IMF	NFI-F	Claw	Angle	Leg
EBV	-5.5	+73	+2.1	-0.1	+0.4	+0.2	+2.2	-0.25	+0.92	+0.96	+1.06
ACC	38%	63%	62%	63%	63%	57%	66%	54%	67%	67%	61%
Perc	26	30	92	50	36	66	47	7	65	46	58

Selection Indexes

$A	$A-L
$224	$376
24	26

Traits Observed:
BWT,200WT,Genomics

Notes: Heifer bull. Tremendous growth and with feed effeciency. NFI-F 7%.

Purchaser:... $:...

Lot 23 — TOLIVAR CAPITALIST T21^{PV} — TVA22T21

DOB: 17/03/2022   **Registration Status:** HBR   **Mating Type:** ET   **Genetic Status:** AMF,CAF,DDF,NHF

S A V FINAL ANSWER 0035#
CONNEALY CAPITALIST 028#
PRIDES PITA OF CONANGA 8821#

Sire: USA17666102 LD CAPITALIST 316^{PV}

C A FUTURE DIRECTION 5321#
LD DIXIE ERICA 2053#
LD DIXIE ERICA OAR 0853#

AYRVALE BARTEL E7^{PV}
PLEASANT VALE BARTEL J30^{SV}
PLEASANT VALE DESTINY D14#

Dam: TGUN12 PLEASANT VALE PONO N12^{SV}

AYRVALE BARTEL E7^{PV}
PLEASANT VALE PONO J31#
YTHANBRAE PONO U525#

February 2023 TransTasman Angus Cattle Evaluation

TACE	Dir	Dtrs	GL	BW	200 W	400 W	600 W	MCW	Milk	SS	Doc
EBV	+10.7	+7.6	-6.5	+2.8	+45	+84	+103	+93	+14	+0.6	+9
ACC	65%	56%	72%	73%	74%	72%	73%	71%	67%	69%	54%
Perc	2	8	23	23	74	69	80	65	79	94	94

TACE	D t C	CWT	EMA	Rib	Rump	RBY	IMF	NFI-F	Claw	Angle	Leg
EBV	-5.1	+57	+7.1	+1.8	+3.5	+0.3	+2.5	+0.50	+0.86	+0.96	+0.88
ACC	48%	66%	65%	66%	66%	61%	68%	58%	69%	69%	67%
Perc	36	77	39	13	4	60	38	85	52	46	9

Selection Indexes

$A	$A-L
$219	$375
29	26

Traits Observed:
BWT,200WT,Genomics

Notes: Deep bodied bull well suited to heifers.

Purchaser:... $:...

Sale Lots

Lot 24 — TOLIVAR BLACK ONYX T17[PV] — TVA22T17

DOB: **07/03/2022** Registration Status: **HBR** Mating Type: **ET** Genetic Status: **AMF,CAF,DDF,NHF**

CONNEALY CONSENSUS 7229[SV]
CONNEALY BLACK GRANITE[#]
EURA ELGA OF CONANGA 9109[#]

Sire: USA18463791 QHF WWA BLACK ONYX 5Q11[SV]

MCC DAYBREAK[#]
WILKS BLACKCAP 0D82[#]
QHF BLACKCAP 6E2 OF4V16 4355[#]

CONNEALY CAPITALIST 028[#]
DEER VALLEY PATRIOT 3222[SV]
DEER VALLEY RITA 0274[#]

Dam: TVAR06 TOLIVAR ELLEN R06[PV]

PLEASANT VALE WHITWORTH F22[SV]
PLEASANT VALE ELLEN M74[SV]
PLEASANT VALE ELLEN H20[#]

February 2023 TransTasman Angus Cattle Evaluation

TACE	Dir	Dtrs	GL	BW	200 W	400 W	600 W	MCW	Milk	SS	Doc
EBV	+9.3	+8.0	-9.4	+1.2	+51	+90	+121	+105	+16	-0.4	+17
ACC	58%	45%	73%	72%	73%	71%	71%	69%	63%	68%	51%
Perc	4	6	4	6	45	51	42	43	62	99	67

TACE	D t C	CWT	EMA	Rib	Rump	RBY	IMF	NFI-F	Claw	Angle	Leg
EBV	-3.6	+67	+5.7	+0.0	-2.0	+0.4	+1.0	-0.39	+1.00	+1.08	+1.04
ACC	34%	62%	62%	63%	62%	56%	65%	49%	69%	69%	60%
Perc	78	50	57	47	79	54	80	3	79	74	51

Selection Indexes

$A	$A-L
$187	$344
65	51

Traits Observed:
BWT,200WT,Genomics

Notes: Heifer bull. Great growth traits.

Purchaser:... $:...

Reference Sires

AYRVALE BARTEL E7^{PV}

BALDRIDGE BEAST MODE^{PV}

G A R PHOENIX^{PV}

LD CAPITALIST 316^{PV}

QHF WWA BLACK ONYX 5Q11^{SV}

TOLIVAR GENESIS Q02^{SV}

Reference Sires

RS — AYRVALE BARTEL E7^{PV} — HIOE7

DOB: 09/09/2009 Registration Status: **HBR** Mating Type: **ET** Genetic Status: **AMF,CAF,DDF,NHF,MAF,RGF**

B/R NEW DESIGN 036#	S A F FOCUS OF E R#
B/R NEW DIMENSION 7127^{SV}	MYTTY IN FOCUS#
B/R RUBY OF TIFFANY 4117#	MYTTY COUNTESS 906#

Sire: VTMB219 TE MANIA BARTEL B219^{PV} **Dam: BVVB32 EAGLEHAWK JEDDA B32^{SV}**

C A FUTURE DIRECTION 5321#	BON VIEW NEW DESIGN 1407#
TE MANIA JEDDA W85#	EAGLEHAWK JEDDA Z48#
TE MANIA JEDDA S241#	EAGLEHAWK JEDDA X113#

February 2023 TransTasman Angus Cattle Evaluation

TACE	Dir	Dtrs	GL	BW	200 W	400 W	600 W	MCW	Milk	SS	Doc
EBV	+10.1	+10.6	-5.1	+1.7	+49	+86	+112	+73	+26	+2.4	+2
ACC	99%	96%	99%	99%	99%	99%	99%	99%	99%	99%	99%
Perc	3	1	44	9	56	64	63	89	4	37	99

TACE	D t C	CWT	EMA	Rib	Rump	RBY	IMF	NFI-F	Claw	Angle	Leg
EBV	-7.9	+67	+8.2	-0.3	+1.1	+1.1	+3.6	+0.44	+1.02	+1.00	+1.10
ACC	93%	98%	98%	98%	98%	98%	98%	95%	99%	99%	98%
Perc	1	49	27	55	24	14	15	81	81	56	70

Selection Indexes

$A	$A-L
$287	$445
1	2

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

Statistics: Number of Herds: 271, Prog Analysed: 6761, Genomic Prog: 1455

RS — BALDRIDGE BEAST MODE B074^{PV} — USA17960722

DOB: 07/02/2014 Registration Status: **HBR** Mating Type: **Natural** Genetic Status: **AMFU,CAF,DDF,NHFU,DWF,MAF,MHF**

B A R EXT TRAVELER 205#	SITZ UPWARD 307R^{SV}
C R A BEXTOR 872 5205 608#	STYLES UPGRADE J59#
CRA LADY JAYE 608 498 S EASY#	PLAINVIEW LASSIE 71B#

Sire: USA16295688 G A R PROPHET^{SV} **Dam: USA17149410 BALDRIDGE ISABEL Y69#**

S S OBJECTIVE T510 0T26#	BALDRIDGE KABOOM K243 KCF#
G A R OBJECTIVE 1885#	BALDRIDGE ISABEL T935#
G A R 1407 NEW DESIGN 2232#	BALDRIDGE ISABEL P4527#

February 2023 TransTasman Angus Cattle Evaluation

TACE	Dir	Dtrs	GL	BW	200 W	400 W	600 W	MCW	Milk	SS	Doc
EBV	+5.3	+6.2	-3.5	+3.4	+75	+120	+148	+134	+13	+2.7	+33
ACC	96%	84%	99%	99%	99%	99%	99%	98%	97%	99%	99%
Perc	28	18	71	34	1	2	5	8	84	26	8

TACE	D t C	CWT	EMA	Rib	Rump	RBY	IMF	NFI-F	Claw	Angle	Leg
EBV	-3.2	+78	+3.0	-2.1	-3.4	+0.0	+2.4	-0.23	+0.58	+0.56	+0.74
ACC	72%	95%	94%	94%	94%	91%	93%	81%	99%	99%	97%
Perc	85	18	87	90	93	77	41	8	6	1	1

Selection Indexes

$A	$A-L
$238	$420
12	5

Traits Observed: Genomics

Statistics: Number of Herds: 240, Prog Analysed: 5238, Genomic Prog: 2908

RS — G A R PHOENIX^{PV} — USA18636106

DOB: 15/08/2016 Registration Status: **HBR** Mating Type: **ET** Genetic Status: **AMF,CAF,DDF,NHF,DWF,MAF,MHF,OHF,OSF,RGF**

MYTTY IN FOCUS#	C R A BEXTOR 872 5205 608#
CONNEALY IN SURE 8524#	G A R PROPHET^{SV}
ENTREENA OF CONANGA 657#	G A R OBJECTIVE 1885#

Sire: USA17328461 G A R SURE FIRE^{SV} **Dam: USA18127279 G A R PROPHET N744#**

G A R NEW DESIGN 5050#	MCC DAYBREAK#
CHAIR ROCK 5050 G A R 8086#	G A R DAYBREAK 440#
CHAIR ROCK GRID MAKER 2107#	G A R YIELD GRADE N76#

February 2023 TransTasman Angus Cattle Evaluation

TACE	Dir	Dtrs	GL	BW	200 W	400 W	600 W	MCW	Milk	SS	Doc
EBV	+7.6	+3.3	-3.5	+2.9	+74	+128	+168	+130	+15	+4.5	+22
ACC	83%	68%	99%	98%	97%	97%	97%	92%	89%	97%	91%
Perc	12	47	71	24	1	1	1	11	68	2	40

TACE	D t C	CWT	EMA	Rib	Rump	RBY	IMF	NFI-F	Claw	Angle	Leg
EBV	-5.4	+101	+9.4	-1.6	-1.9	+0.9	+2.4	+0.01	+1.10	+0.92	+0.86
ACC	57%	88%	88%	87%	85%	82%	88%	76%	96%	96%	90%
Perc	28	1	17	83	78	23	41	28	90	36	7

Selection Indexes

$A	$A-L
$299	$498
1	1

Traits Observed: Genomics

Statistics: Number of Herds: 81, Prog Analysed: 1082, Genomic Prog: 693

Reference Sires

RS   LD CAPITALIST 316^{PV}   USA17666102

LD CAPITALIST 316^{PV} — USA17666102

DOB: 26/01/2013   **Registration Status:** HBR   **Mating Type:** Natural   **Genetic Status:** AMF,CAF,DDF,NHF,DWF,MAF,MHF,OHF,OSF,RGF

SITZ TRAVELER 8180#	G A R PRECISION 1680#
S A V FINAL ANSWER 0035#	C A FUTURE DIRECTION 5321#
S A V EMULOUS 8145#	C A MISS POWER FIX 308#
Sire: USA16752262 CONNEALY CAPITALIST 028#	**Dam:** USA14407230 LD DIXIE ERICA 2053#
C R A BEXTOR 872 5205 608#	LD ROYCE ONAROLL 810#
PRIDES PITA OF CONANGA 8821#	LD DIXIE ERICA OAR 0853#
PRIDES TRAV OF CONANGA 6499#	DIXIE ERICA OF R R 8553#

February 2023 TransTasman Angus Cattle Evaluation

TACE	Dir	Dtrs	GL	BW	200 W	400 W	600 W	MCW	Milk	SS	Doc
EBV	+11.4	+11.1	-4.0	+2.2	+51	+91	+112	+90	+12	+1.1	+5
ACC	97%	86%	99%	99%	99%	99%	99%	98%	98%	99%	98%
Perc	1	1	63	14	44	50	64	68	90	85	98

TACE	D t C	CWT	EMA	Rib	Rump	RBY	IMF	NFI-F	Claw	Angle	Leg
EBV	-3.5	+73	+8.7	+1.1	+0.7	+0.4	+2.0	+0.38	+0.86	+0.90	+0.88
ACC	79%	97%	95%	96%	96%	94%	95%	85%	99%	99%	97%
Perc	80	31	23	23	30	54	53	75	52	31	9

Selection Indexes

$A	$A-L
$221	$377
26	24

Traits Observed: Genomics

Statistics: Number of Herds: 221, Prog Analysed: 3550, Genomic Prog: 1618

RS   QHF WWA BLACK ONYX 5Q11^{SV}   USA18463791

DOB: 21/09/2015   **Registration Status:** HBR   **Mating Type:** Natural   **Genetic Status:** AMF,CAF,DDF,NHF,DWF,MAF,MHF,OHF,OSF,RGF

CONNEALY CONSENSUS#	BOYD NEW DAY 8005#
CONNEALY CONSENSUS 7229^{SV}	MCC DAYBREAK#
BLUE LILLY OF CONANGA 16#	MCC MISS FOCUS 134#
Sire: USA17028963 CONNEALY BLACK GRANITE#	**Dam:** USA16711193 WILKS BLACKCAP 0D82#
S A V BISMARCK 5682#	IDEAL 4355 OF 0T26 2440#
EURA ELGA OF CONANGA 9109#	QHF BLACKCAP 6E2 OF4V16 4355#
EURA CAL OF CONANGA 56B#	QHF BLACKCAP 4V16 OF 1H8#

February 2023 TransTasman Angus Cattle Evaluation

TACE	Dir	Dtrs	GL	BW	200 W	400 W	600 W	MCW	Milk	SS	Doc
EBV	+8.0	+7.4	-8.3	+1.6	+65	+119	+159	+130	+29	+1.1	+19
ACC	83%	63%	98%	98%	97%	97%	96%	92%	89%	94%	90%
Perc	9	9	8	9	4	2	2	11	1	85	57

TACE	D t C	CWT	EMA	Rib	Rump	RBY	IMF	NFI-F	Claw	Angle	Leg
EBV	-4.5	+97	+5.7	-1.7	-4.2	+0.3	+1.1	-0.65	+1.10	+1.08	+1.14
ACC	47%	87%	86%	85%	83%	79%	86%	60%	94%	94%	81%
Perc	53	2	57	84	97	60	78	1	90	74	80

Selection Indexes

$A	$A-L
$231	$419
17	5

Traits Observed: Genomics

Statistics: Number of Herds: 72, Prog Analysed: 678, Genomic Prog: 222

RS   TOLIVAR GENESIS Q02^{SV}   TVAQ02

DOB: 20/01/2019   **Registration Status:** HBR   **Mating Type:** AI   **Genetic Status:** AMF,CAF,DDF,NHF

TE MANIA YORKSHIRE Y437^{PV}	KENNY'S CREEK WHITWORTH Z101^{SV}
TE MANIA BERKLEY B1^{PV}	PLEASANT VALE WHITWORTH F22^{SV}
TE MANIA LOWAN Z53#	PLEASANT VALE CHAMPAGNE C9#
Sire: SMPG357 PATHFINDER GENESIS G357^{PV}	**Dam:** TGUM74 PLEASANT VALE ELLEN M74^{SV}
ARDROSSAN DIRECTION W109^{PV}	ARDROSSAN EQUATOR D19^{SV}
PATHFINDER DIRECTION D245^{SV}	PLEASANT VALE ELLEN H20#
PATHFINDER ADAVALE A433#	PLEASANT VALE EMMA Z4#

February 2023 TransTasman Angus Cattle Evaluation

TACE	Dir	Dtrs	GL	BW	200 W	400 W	600 W	MCW	Milk	SS	Doc
EBV	+0.6	+3.6	-8.0	+6.7	+64	+113	+151	+151	+23	+4.2	+23
ACC	65%	55%	80%	79%	78%	77%	76%	73%	66%	75%	52%
Perc	68	44	9	93	5	5	4	3	12	3	36

TACE	D t C	CWT	EMA	Rib	Rump	RBY	IMF	NFI-F	Claw	Angle	Leg
EBV	-4.0	+101	+14.1	-3.4	-5.8	+2.5	-1.4	+0.32	+1.20	+1.10	+1.00
ACC	47%	69%	65%	67%	67%	62%	69%	59%	67%	69%	67%
Perc	68	1	2	98	99	1	99	68	96	78	38

Selection Indexes

$A	$A-L
$199	$378
52	24

Traits Observed: GL,BWT, 400WT,Genomics

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

Buyers Instruction Slip

Purchaser – Name: _____

Address: _____

_____

Postcode: _____ Telephone: _____ Email: _____

Property Identification Code (PIC): _____

Account to: _____

Agent: _____

Lots Purchased: _____

Delivery Instructions: _____

Please check with your insurance agent that cover is for <u>loss of use as well as for death</u>.

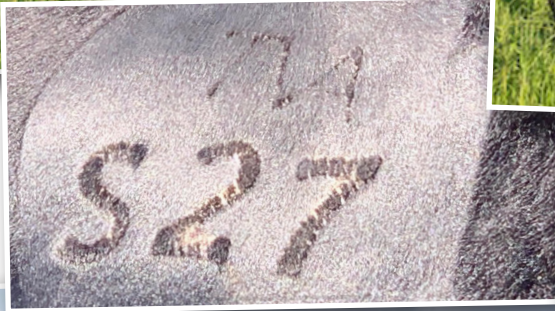Signature of Buyer: _____

Date: 21st March, 2023.

NOTE: NO VERBAL INSTRUCTIONS WILL BE ACCEPTED.

SPECIAL NOTICE TO BUYERS:

1. In the interest of buyers and to prevent the occurrence of mistakes, all instructions concerning delivery, trucking and shipping of cattle, must be given IN WRITING and signed by the buyer or their representative.

2. Instructions for despatch of consignments comprising more than one owner must be signed by each buyer; no instructions will be considered complete until all have signed.

Around the Farm

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.

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