

Twin  Oaks

ANGUS STUD - TE AKAU NZ

# ANNUAL 2 YEAR BULL SALE



9th JUNE 2023



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# Twin Oaks

ANGUS STUD — TE AKAU NZ

## ANNUAL BULL SALE 9th JUNE 2023

WAIPAPA STATION, 163 CLEMETT ROAD, TE AKAU

Inspection from 10:30am

Sale Commences 1pm

Sale shed phone 07 829 7574

For any enquiries or for inspection before the sale, please contact

**ROGER AND SUSAN HAYWARD**

Phone 07 828 2131 Email [twinoaksangus@gmail.com](mailto:twinoaksangus@gmail.com) Roger Mobile 027 6855989

Every Day is available to view the bulls. Please ring, email or message to book a time

Sale will be conducted on farm and on BIDR.

Rod Sands PGG Wrightson  
Livestock Rep, Sth Canty P 027 431 4043

Cam Heggie PGG Wrightson  
Livestock Genetics Rep. P 027 501 8182

Richard Johnston Hazlett Rural  
P 027 444 3511

Sam Wright PGG Wrightson  
Livestock Rep  
Hawkes Bay P 027 443 0905

Callum Dunnett Hazlett Rural  
P 027 462 0126

Bruce Orr Carrfields  
P 027 492 2122

John McKone PGG Wrightson,  
Livestock Genetics Auctioneer  
P 027 2299375

Vaughan Larson PGG Wrightson Livestock  
Waikato P 027 801 4599

Bruce Dunbar PGG Wrightson Livestock  
Mackenzie P 027 595 6473

Kelvin Sadler PGG Wrightson Livestock  
South Canterbury P 027 430 2029

Craig Knight PGG Wrightson Livestock  
Otago P 027 590 1331



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## FOREWORD

Welcome to our two-year-old bull sale for 2023.

We are very proud of the team of bulls we have for you to inspect. They are a combination of strength and power in a genetic package that will enhance any beef breeding programme.

What an exciting time to be involved in the beef industry. Now more than ever premiums are available for quality beef. Seeing kill sheets with \$1 per kg "bonus" payment for meeting quality targets is such motivation to continue improving our and our clients' genetics in this area.

The improvement in carcass weight in our herd has been rapid with the sale bulls reflecting this. Our sale team have an average CW EBV of 73, which compares to the Angus Australia average of 66. This means that animals killed will return you more carcass weight and therefore more dollars to your bottom line.

We have a battery of Millah Murrah Paratrooper sons for sale, as well as strong, sound bulls by our own Twin Oaks sires. It is very rewarding to watch our home-grown genetics keep up with the AI-sired bulls.

At Twin Oaks our gate is always open. We would love to show you around Waipapa Station to see the cows and the heifer replacements, all on the hill doing what cows should: eating grass!

We are looking forward to meeting you on sale day. If we don't already know you, please introduce yourself so that we can welcome you to the Twin Oaks team.

Roger, Susan, Thomas, Olivia and Jessica



Jessica, Thomas, Olivia, Roger & Susan Hayward.



PLEASE BRING THIS CATALOGUE TO THE SALE





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Procurement

# We are a business built on the belief that people come first

Our commitment to you is to provide quality advice, timely deliveries and extremely competitive pricing.

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- › Callum Dunnett - 027 462 0126
- › Richard Johnston - 027 444 3511
- › Rowan Sandford - 027 215 3215
- › Chris Johnston - 027 421 3197
- › Tom Mowat - 027 462 0190
- › Angus Hazlett - 027 462 0136
- › Tim Bond - 027 900 5011
- › Duke Loe - 021 363 755



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## PARENT VERIFICATION EXPLAINED

The suffix displayed at the end of each animal's name indicates the DNA parentage verification that has been conducted by Angus New Zealand. The suffixes, and respective definitions are:

**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.





# BREEDING

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Genetics Representative  
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**DEAN EVANS**  
Livestock Manager  
027 243 1092

**SAM WRIGHT**  
Livestock Representative  
027 443 0905

**VAUGHN LARSEN**  
Livestock Representative  
027 801 4599

**ROD SANDS**  
Livestock Representative  
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**BRUCE DUNBAR**  
Livestock Representative  
027 595 6473

**CRAIG KNIGHT**  
Livestock Representative  
027 590 1331

**JOHN MCKONE**  
Auctioneer  
027 229 9375

**KELVIN SADLER**  
Livestock Representative  
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## CONDITIONS OF SALE

The sale will be conducted in accordance with the Conditions of Sale as set down by the New Zealand Stock and Station Agents Association: a copy of which will be exhibited at the sale.

Each lot will be the property and responsibility of the purchaser at the fall of the hammer.

### PURCHASING REBATE:

All intending purchases are required to register at the sales office prior to the sale.

A purchasing rebate of 6% will then be paid to non participating livestock companies and recognised independent livestock agents with approve credit facilities introducing and/or accompanying buyers to the sale.

**Arrangements must be made with the auctioneer at least 4 HOURS PRIOR TO SALE AND SETTLEMENT MADE ON THE BUYERS BEHALF WITHIN 14 DAYS**

**THERE IS NO EXCEPTIONS TO THIS RULE!**

### DELIVERY:

The month following the sale. Bulls may be held by special arrangement. The vendors will pay the cartage.

### INSURANCE:

We recommend you insure your bulls, an insurance agent will be available on the day.

### INSTRUCTIONS:

Buyers are expected to register before the sale. Purchasers are to leave full instructions using the delivery sheet attached at the back of the catalogue.

### GST:

All lots are sold exclusive of GST.

### DISCLAIMER:

Although all care has been taken to ensure the accuracy of the information contained in this catalogue, no responsibility is accepted for any error or omission that might be contained herein.

### HEALTH AND SAFETY:

Every effort will be taken by the vendors, auctioneers, their staff and assistants, both on the day of the sale as well as any visits to inspect, to insure the safety of intending buyers and visitors.

We wish however to advise that while this sale is run under normal management conditions, certain dangers exist in relation to livestock and their environment. Visitors should take care to ensure their personal safety.

### STUD TRANSFERS:

Any bull sold requiring a stud transfer for use in a registered herd, be it semen or standing of the bull physically, will be at a minimum price of \$20,000 for a two year old bull. The purchaser or agent must state at the fall of the hammer and on the buyer instruction slip if a transfer is required.

### ANIMAL HEALTH:

All TWIN OAKS bulls sold are:

- Lepto, Covexin 10 and BVD Vaccinated
- BVD blood tested clear
- Semen quality tested
- TB status C10 Herd
- All bulls sold at auction are free of known genetic defects

ALL Twin Oaks Sale bulls have genomically enhanced EBVs and are SIRE AND DAM verified.





**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 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, carcass merit, feed efficiency and structural soundness. A description of each EBV included in this publication is provided on the following page.

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.
	CETrs	%	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.
Fertility	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.
	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.
Carcass	SS	cm	Genetic differences between animals in scrotal circumference at 400 days of age.	Higher EBVs indicate larger scrotal circumference.
	CWT	kg	Genetic differences between animals in hot standard carcass weight at 750 days of age.	Higher EBVs indicate heavier carcass weight.
	EMA	cm <sup>2</sup>	Genetic differences between animals in eye muscle area at the 12/13th rib site in a 400 kg carcass.	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 carcass.	Higher EBVs indicate more fat.
	P8 Fat	mm	Genetic differences between animals in fat depth at the P8 rump site in a 400 kg carcass.	Higher EBVs indicate more fat.
	RBV	%	Genetic differences between animals in boned out saleable meat from a 400 kg carcass.	Higher EBVs indicate higher yield.
Feed/Temp.	IMF	%	Genetic differences between animals in intramuscular fat (marbling) at the 12/13th rib site in a 400 kg carcass.	Higher EBVs indicate more intramuscular fat.
	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.
Structure	Doc	%	Genetic differences between animals in temperament.	Higher EBVs indicate better temperament.
	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.
Selection Index	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.
	\$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.



# AngusPRO Index (API)

The research selection indexes have been developed for industry review and feedback prior to potential implementation into the TransTasman Angus Cattle Evaluation.

### Selection Index Summary

- New Zealand production system
- Self replacing herd
- Daughters are retained for breeding
- Steer progeny are finished on pasture for the AngusPure programme
- Steer progeny slaughtered at a carcass weight of 290kg at 20 months of age
- Significant premium for steers that exhibit superior marbling

The AngusPRO index (PRO) estimates the genetic differences between animals in net profitability per cow joined in a commercial self replacing herd based in New Zealand that targets the production of grass finished steers for the AngusPure programme.

Daughters are retained for breeding and therefore female traits are of importance.

Steers are assumed marketed at approximately 530 kg live weight (290 kg carcass weight with 10 mm P8 fat depth) at 20 months of age, with a significant premium for steers that exhibit superior marbling.

## TRAIT CONTRIBUTIONS

Figure 1 shows the traits that are considered in the PRO index, and how much they contribute to the overall balance of the selection index.

The larger the segment, the greater the impact on the selection index.

Figure 1: Trait Contribution to the AngusPRO Index



## SELECTION ADVANTAGE

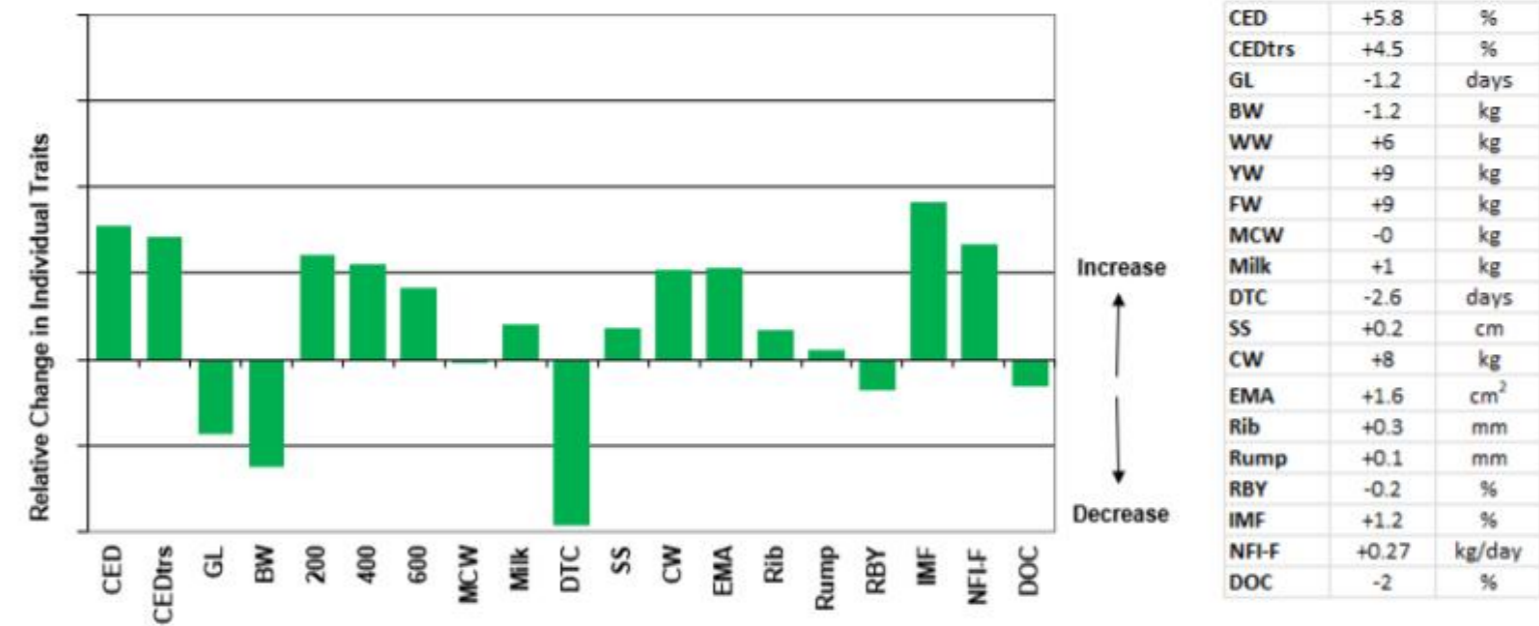
Figure 2 shows the selection advantage if animals are selected using the PRO index.

The selection advantage is calculated by ranking well used sires within the Angus breed on the PRO index, and comparing the average EBVs of the sires in the highest 10% with the average EBVs of all sires from which they were selected. For example, the sires ranked in the highest 10% based on the PRO index had 9 kg higher 400 Day Weight EBVs and 1.2 kg lower Birth Weight EBVs than the average EBVs of the sires from which they were selected.

The selection advantage is indicative of the long term direction and relativity of response that will occur in individual traits if selection is based on the PRO index. The actual response that is observed will vary depending on the features of the individual breeding program.

A feature of the PRO index is a selection advantage of close to 0 for mature cow weight, meaning that selection on this index will maintain mature cow weight, while still increasing growth to 200, 400 & 600 days of age.

Figure 2 - Selection Advantage for the AngusPRO Index







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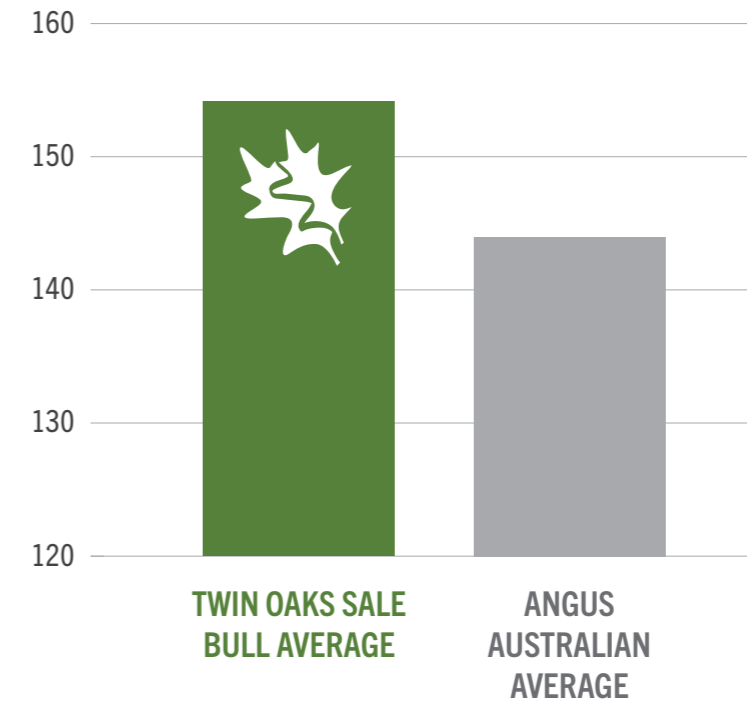
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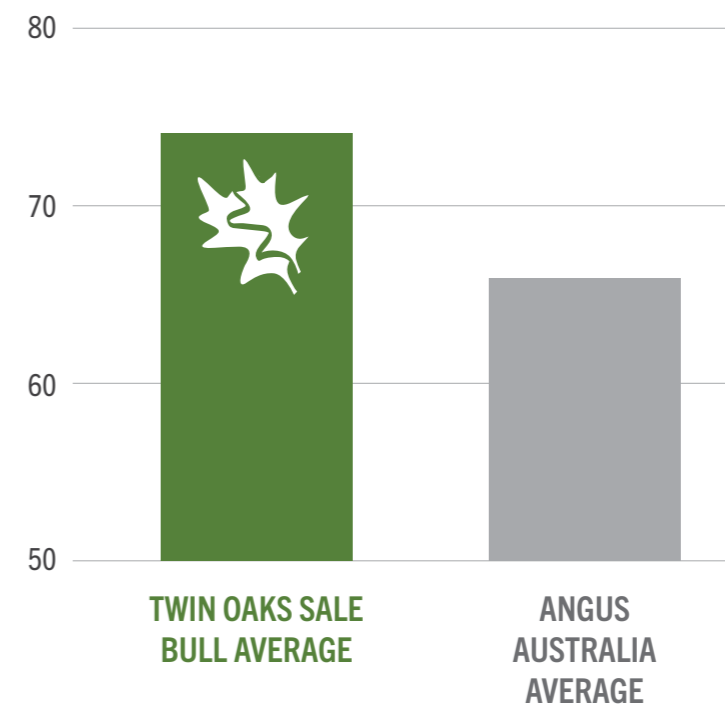
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[www.xcell.co.nz](http://www.xcell.co.nz)

## AngusPRO INDEX



## CWT





# ANGUSPURE PARTNER

AngusPure NZ has teamed up with 88 Angus studs who share in our vision - to focus on the end consumer. This stud is proud to be named as one of them, and by using the finest genetics and implementing best management practice they can help you produce more premium quality Angus beef.

Only our AngusPure Partner studs display these devices in their sale catalogues. They indicate bulls endorsed by AngusPure NZ.



Everyone in the industry knows that profitability within a cattle system can be improved by making educated predictions with factual data.

**It's scientifically proven.**

AngusPRO are a group of New Zealand Angus studs that encompass over 40% of New Zealand's registered Angus cattle. These studs have united and made the shift across the ditch, to join the progressive governing body that is Angus Australia.

Angus Australia pride themselves on their quality of leadership in the delivery of innovative programs that will enhance and promote the value of Angus cattle and beef.

## A ANGUSPURE ENDORSED BULLS

AngusPure NZ continues to endorse bulls for sale that are either at or above +\$125 for the AngusPure index (API) and at or above \$115 for the AngusPRO index (PRO). These indexes give commercial farmers confidence that by using these selection tools, bulls are most likely to leave progeny with superior carcase quality. At the same time they achieve desirable outcomes for self replacing herds, as the AngusPure & AngusPRO indexes still reward cattle with strong maternal attributes like calving ease, scrotal and growth, along with carcase weight.

**To qualify, bulls will be => +\$125 for AngusPure index OR => +\$115 for AngusPRO index**

## A+ EXTRA ANGUSPURE ENDORSEMENT FOR MARBLING

In addition to the 'A', and to assist bull buyers who wish to select for more marbling AngusPure are rewarding those animals that are either at or above +\$145 for the AngusPure index and at or above \$135 for the AngusPRO index. In addition to this they must have an IMF EBV (for marbling) equal to or greater than +2.2. These bulls will be awarded an 'A+' endorsement. Marbling is one of the very highest eating quality attributes and is necessary in order to meet some of the highest premium requirements for the export program, AngusPure Special Reserve.

**To qualify, bulls will be => +\$145 for AngusPure index OR => +\$135 for AngusPRO index, and in addition all bulls must be => +2.2 for IMF EBV**

AngusPure NZ recognises the need to lift the amount of marbling in our New Zealand cow genetics, in order to fill the requirements of consumers going forward. Marbling has two critical components; genetics and feeding. Feeding on a rising plane of nutrition is vital but without the genetics these attributes will not be able to express themselves.

- |                    |             |
|--------------------|-------------|
| Cleardale          | Seven Hills |
| Focus Genetics     | Stokman     |
| Grampians          | Storth Oaks |
| Kahurangi          | Takapoto    |
| Kakahu             | Te Mania    |
| KauriDowns         | The Sisters |
| Komako             | Totaranui   |
| Lake Farm Genetics | Twin Oaks   |
| Mount Linton       | Vermont     |
| Ngāputahi          | Wairere     |
| Ranui              | Waitangi    |
| Rimanui Farms      | Waiwhero    |
| Rissington         | Wakare      |
| Rotowai            | Whangara    |



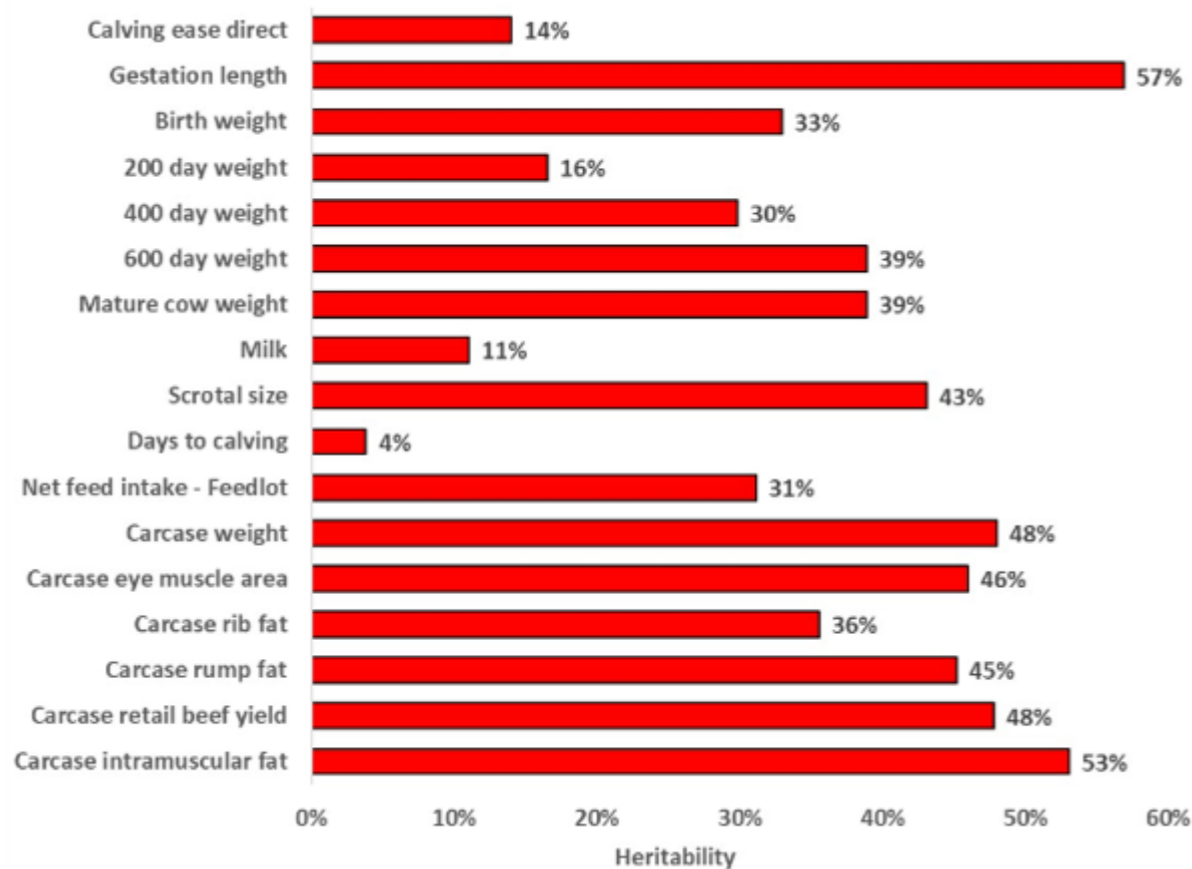


## HERITABILITIES OF TRAITS IN ANGUS GROUP TACE (TRANSTASMAN CATTLE EVALUATION)

The degree to which genetic differences influence performance varies from trait to trait. This is explained by differences in the “heritability” of the traits.

Growth and carcass traits tend to have moderate to high heritabilities (i.e. 20 to 60%), whilst maternal traits have low heritabilities (10% or lower).

Angus Group TACE takes into account the different degrees of heritability of various traits, and the known genetic relationships between the traits.



Xcell's semen evaluation and fertility testing is a practical method to eliminate bulls with less than satisfactory breeding potential.

Semen collection and evaluation using electroejaculation is utilised worldwide for obtaining a semen sample, and is part of our procedure to demonstrate normal reproductive ability. Xcell Breeding and Veterinary services uses this safe and reliable method using highly skilled operators with modern equipment to assist the stud breeder in his desire to present quality animals for sale. Each bull featured in this catalogue has undergone Xcell's semen evaluation and fertility test.

The evaluation consists of:

1. Palpation and examination of the testicles, the testis should be firm, equal in size with no palpable abnormality and have scrotal diameter in keeping with industry standards.
2. The penis and sheath are examined for any apparent abnormality e.g. sores, lacerations, abscesses, hair rings, warts, cork screw, penile frenulum, scar tissue, signs of damage. During stimulation the penis must extend from the sheath, straight in the midline of the bull.
3. Microscopic evaluation of a semen sample for Motility (% of live sperm within the sample) and morphology (% of normal vs. abnormal sperm within the sample).

All the above information is considered and, where there is any departure from normal the bull is either failed outright or re-evaluated at a later date.

As the testing is often done some months prior to the bull being joined, it is important to appreciate that subsequent ill health or injury may render the animal either temporarily or permanently infertile.

It is important to observe young bulls working and it is good practice to back up mate with a proven sire after 2 cycles to cover the possibility of any possible subsequent temporary infertility.

Stud/Client Name: Roger & Susan Hayward – Twin Oaks Angus

Date of testing: 21 March 2023

Greg Mckay, Managing Director





# Trans Tasman Angus Cattle Evaluation - Mid April 2023 Reference Tables

Breed Avg	BREED AVERAGE EBVs																						
	CALVING EASE			BIRTH			GROWTH			FERTILITY			CARCASE			OTHER			STRUCTURE			INDEX	
	CEDir	CEDirs	GL	BW	BW	GL	200	400	600	MCW	SS	DTC	CWT	EMA	RIB	P8	FB	IMF	NFI-F	DOC	CLAW	ANGLE	LEG
	+2.2	+2.6	-4.8	+4.1	+50	+90	+117	+100	+17	+2.1	-4.6	+66	+6.4	+0.0	-0.3	+0.5	+2.2	+0.19	+20	+0.84	+0.97	+1.03	\$145

\* Breed average represents the average EBV of all 2021 drop Australian Angus and Angus-influenced seedstock animals analysed in the Mid April 2023 Trans Tasman Angus Cattle Evaluation.

1%	PERCENTILE BANDS TABLE																											
	CALVING EASE			BIRTH			GROWTH			FERTILITY			CARCASE			OTHER			STRUCTURE			INDEX						
	CEDir	CEDirs	GL	BW	BW	GL	200	400	600	MCW	Milk	Heavier Live Weight	Lighter Live Weight	MCW	SS	DTC	CWT	EMA	RIB	P8	FB	IMF	NFI-F	DOC	CLAW	ANGLE	LEG	AP Index
	+10.9	+9.9	+9.9	-0.4	+70	+122	+162	+160	+28	+4.8	-8.0	+98	+14.6	+4.2	+5.0	+2.0	+5.9	-0.53	+43	+0.42	+0.60	+0.42	+0.60	+0.76	\$227			
5%	+9.1	+8.3	+8.3	+1.0	+64	+112	+148	+140	+25	+3.9	-7.0	+88	+11.9	+2.8	+3.3	+1.5	+4.6	-0.31	+36	+0.54	+0.72	+0.54	+0.72	+0.84	\$204			
10%	+7.9	+7.3	+7.3	+1.8	+61	+107	+140	+131	+23	+3.5	-6.5	+83	+10.6	+2.1	+2.4	+1.3	+4.1	-0.20	+32	+0.62	+0.76	+0.62	+0.76	+0.88	\$192			
15%	+7.0	+6.5	+6.5	+2.2	+58	+104	+136	+124	+22	+3.2	-6.1	+80	+9.7	+1.7	+1.8	+1.1	+3.7	-0.12	+29	+0.66	+0.80	+0.66	+0.80	+0.90	\$184			
20%	+6.3	+5.9	+5.9	+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	+0.68	+0.84	+0.68	+0.84	+0.94	\$177			
25%	+5.7	+5.4	+5.4	+2.9	+55	+99	+129	+116	+20	+2.8	-5.6	+75	+8.4	+1.0	+1.1	+0.9	+3.1	-0.01	+26	+0.72	+0.86	+0.72	+0.86	+0.96	\$171			
30%	+5.1	+4.9	+4.9	+3.2	+54	+97	+126	+112	+20	+2.6	-5.4	+73	+7.9	+0.8	+0.8	+0.8	+2.9	+0.03	+24	+0.74	+0.88	+0.74	+0.88	+0.96	\$166			
35%	+4.5	+4.4	+4.4	+3.4	+53	+95	+124	+109	+19	+2.5	-5.2	+71	+7.4	+0.6	+0.5	+0.7	+2.7	+0.07	+23	+0.76	+0.90	+0.76	+0.90	+0.98	\$161			
40%	+3.9	+4.0	+4.0	+3.6	+52	+94	+122	+106	+18	+2.3	-5.0	+69	+7.0	+0.3	+0.2	+0.6	+2.5	+0.11	+22	+0.80	+0.92	+0.80	+0.92	+1.00	\$157			
45%	+3.4	+3.5	+3.5	+3.8	+51	+92	+119	+103	+18	+2.2	-4.8	+68	+6.6	+0.1	-0.1	+0.6	+2.3	+0.14	+21	+0.82	+0.94	+0.82	+0.94	+1.02	\$152			
50%	+2.8	+3.0	+3.0	+4.1	+50	+90	+117	+100	+17	+2.1	-4.7	+66	+6.2	-0.1	-0.3	+0.5	+2.1	+0.18	+20	+0.84	+0.96	+0.84	+0.96	+1.02	\$148			
55%	+2.2	+2.6	+2.6	+4.3	+49	+89	+115	+97	17	+2.0	-4.5	+65	+5.8	-0.3	-0.6	+0.4	+1.9	+0.22	+19	+0.86	+0.98	+0.86	+0.98	+1.04	\$143			
60%	+1.6	+2.1	+2.1	+4.5	+48	+87	+113	+95	+16	+1.9	-4.3	+63	+5.5	-0.5	-0.9	+0.3	+1.8	+0.25	+18	+0.88	+1.0	+0.88	+1.0	+1.06	\$138			
65%	+0.9	+1.5	+1.5	+4.7	+47	+85	+110	+92	+15	+1.7	-4.2	+61	+5.1	-0.7	-1.1	+0.3	+1.6	+0.29	+17	+0.90	+1.02	+0.90	+1.02	+1.08	\$133			
70%	+0.2	+1.0	+1.0	+4.9	+46	+84	+108	+88	+15	+1.6	-4.0	+60	+4.7	-0.9	-1.4	+0.2	+1.4	+0.34	+16	+0.94	+1.06	+0.94	+1.06	+1.10	\$128			
75%	-0.6	+0.4	+0.4	+5.2	+45	+82	+105	+85	+14	+1.5	-3.8	+58	+4.2	-1.2	-1.7	+0.1	+1.2	+0.38	+15	+0.96	+1.08	+0.96	+1.08	+1.10	\$121			
80%	-1.6	-0.4	-0.4	+5.5	+43	+79	+102	+81	+13	+1.3	-3.5	+56	+3.7	-1.4	-2.1	+0.0	+1.0	+0.44	+14	+1.0	+1.10	+1.0	+1.10	+1.14	\$114			
85%	-2.7	-1.3	-1.3	+5.9	+42	+77	+98	+77	+12	+1.1	-3.2	+53	+3.2	-1.8	-2.5	-0.2	+0.8	+0.50	+12	+1.04	+1.14	+1.04	+1.14	+1.16	\$105			
90%	-4.3	-2.5	-2.5	+6.3	+39	+73	+93	+71	+11	+0.9	-2.8	+50	+2.4	-2.2	-3.1	-0.3	+0.5	+0.58	+11	+1.08	+1.18	+1.08	+1.18	+1.18	\$93			
95%	-7.0	-4.3	-4.3	+7.0	+36	+68	+86	+61	+10	+0.5	-2.1	+45	+1.2	-2.8	-3.9	-0.6	+0.0	+0.71	+8	+1.16	+1.26	+1.16	+1.26	+1.24	\$73			
99%	-12.7	-8.3	-8.3	+8.4	+29	+57	+71	+42	+6	-0.3	-0.3	+35	-1.1	-4.1	-5.6	-1.1	-0.8	+0.96	+1	+1.30	+1.40	+1.30	+1.40	+1.34	\$38			
	More Difficult Calving	Less Difficult Calving	Longer Gestation Length	Heavier Birth Weight	Lighter Birth Weight	Lighter Live Weight	Lighter Live Weight	Lighter Live Weight	Lighter Live Weight	Smaller Scrotal Size	Longer Time to Calving	Lighter Carcase Weight	Smaller EMA	Less Fat	Less Fat	Lower Yield	Less IMF	Lower Feed Efficiency	Less Docile	Higher Score	Higher Score	Higher Score	Higher Score	Higher Score	Higher Score	Lower Profitability		
	More Difficult Calving	Less Difficult Calving	Longer Gestation Length	Heavier Birth Weight	Lighter Birth Weight	Lighter Live Weight	Lighter Live Weight	Lighter Live Weight	Lighter Live Weight	Smaller Scrotal Size	Longer Time to Calving	Lighter Carcase Weight	Smaller EMA	Less Fat	Less Fat	Lower Yield	Less IMF	Lower Feed Efficiency	Less Docile	Higher Score	Higher Score	Higher Score	Higher Score	Higher Score	Higher Score	Lower Profitability		

\* Breed average and percentile bands represent the distribution of EBVs across the 2021 drop Angus and Angus-influenced animals analysed in the Mid April 2023 genetic evaluation.






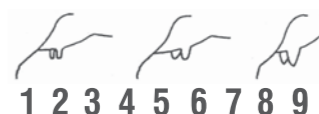



## BEEF-CLASS STRUCTURAL ASSESSMENT GUIDE

### How to do Beef-Class Structural Assessments

For docility – 1 is Ideal (Docile), 3 is less ideal (restless) and 5 is aggressive. (Scores of 1 and 2 are preferred).

For traits scored 1-9:

- 4 and 6 show slight variation from ideal but this includes most animals. Any animal scoring 4 and 6 would be acceptable in any breeding program.
- 3 and 7 shows greater variation, but would be acceptable in most commercial breeding programs, but seed stock producers should be wary.
- 2 and 8 are low scoring animals and should be looked at closely before purchasing.
- 1 and 9 should not be catalogued and are considered culls.

Trait	Key	Scoring Range	
Docility	D	① 2 3 4 ⑤	1. Docile 3. Restless 5. Aggressive
Front Feet Claw Set Rear Feet Claw Set	FC RC		1. Open/Divergent 5. Good 9. Scissor Claw
Front Feet Angle Rear Feet Angle	FA RA		1. Stubbed Toe 5. Good 9. Shallow Heel
Rear Legs Side View	RS		1. Straight 5. Good 9. Sickie Hocked
Rear Legs Hind View	RH		1. Bow Legged 5. Good 9. Cow Hocked
Front Legs Front View	FF		1. Bow Legged 5. Good 9. Knocked Knee
Udder Evenness	UE	1 2 3 4 5 6 7 8 9	1. Dropped Fore Qtr. 5. Good Balance 9. Dropped Rear Qtr.
Teat Size and Shape	TZ		1. Very Small/Thin 5. Good 9. Very Large/Bulbous
Sheath & Navel Score	SN		1. Pendulous 3. Good 5. Clean/Tight
Capacity	CP		1. Lacking Capacity 3. Medium 5. Large Volume
Muscle Score	LM		A. Very Heavy C. Medium E. Light





**Lot 1 TWIN OAKS S015<sup>PV</sup> (HBR) FTW21S015**

Mating Type: AI DOB: 08/08/2021 AMFU,CAFU,DDFU,NHFU

SIRE: NMMP15 MILLAH MURRAH PARATROOPER P15<sup>PV</sup> DAM: NZE20149119Q204 TWIN OAKS WILMA Q204<sup>PV</sup>  
 MILLAH MURRAH ELA M9<sup>PV</sup> TWIN OAKS WILMA M95<sup>PV</sup>



Structural Assessment									Selection Index
Front View	Front Claw	Rear Claw	Front Feet Angle	Rear Feet Angle	Rear Side	Rear Hind	Sheath	Docility	\$PRO
									\$168
5	6	6	6	6	5	6	5	1	29

TACE	Mid April 2023 TransTasman Angus Cattle Evaluation																					
	CALVING EASE				GROWTH				FERTILITY				CARCASS				OTHER		STRUCTURAL			
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DtC	CWT	EMA	Rib	P8	RBY	IMF	DOC	NFI-F	Claw	Foot	Leg
EBV	+11.4	+9.9	-10.6	+0.6	+53	+100	+123	+93	+24	+2.9	-4.5	+72	+2.9	-0.4	-1.1	-0.3	+3.4	+26	+0.34	+0.78	+0.96	67%
Acc	61%	48%	82%	74%	73%	71%	72%	69%	62%	74%	36%	61%	61%	62%	62%	56%	64%	56%	49%	75%	75%	67%
Perc	1	1	2	3	36	24	37	62	8	21	54	34	87	57	64	88	19	25	70	36	46	65

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

Used as a yearling at Twin Oaks

TransTasman Cattle Evaluation Mid April 2023 Reference Table - BREED AVERAGE EBV's																						
Breed Av.	Calving Ease				Growth				Fertility				Carcass				Other		Structural			
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DtC	CWT	EMA	Rib	P8	RBY	IMF	Doc	NFI-F	Claw	Foot	Leg
	+2.2	+2.6	-4.8	+4.1	+50	+90	+117	+100	+17	+2.1	-4.6	+66	+6.4	+0.0	-0.3	+0.5	+2.2	+20	+0.19	+0.84	+0.97	+1.03



**Lot 2 TWIN OAKS S123<sup>PV</sup> (HBR) FTW21S123**

Mating Type: AI DOB: 18/08/2021 AMFU,CAFU,DDFU,NHFU

SIRE: NMMP15 MILLAH MURRAH PARATROOPER P15<sup>PV</sup> DAM: NZE20149115L150 TWIN OAKS BESS L150<sup>#</sup>  
 MILLAH MURRAH ELA M9<sup>PV</sup> TWIN OAKS J049<sup>#</sup>  
 TWIN OAKS FUCHSIA J070<sup>#</sup>



Structural Assessment									Selection Index
Front View	Front Claw	Rear Claw	Front Feet Angle	Rear Feet Angle	Rear Side	Rear Hind	Sheath	Docility	\$PRO
									\$156
5	7	6	6	6	5	6	5	1	41

TACE	Mid April 2023 TransTasman Angus Cattle Evaluation																					
	CALVING EASE				GROWTH				FERTILITY				CARCASS				OTHER		STRUCTURAL			
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DtC	CWT	EMA	Rib	P8	RBY	IMF	DOC	NFI-F	Claw	Foot	Leg
EBV	+4.9	+4.7	-8.7	+5.1	+51	+93	+129	+103	+19	+1.2	-4.3	+71	+4.4	-0.5	-2.5	-0.1	+4.4	+24	+0.27	+0.78	+0.80	70%
Acc	60%	46%	82%	74%	74%	72%	73%	70%	62%	73%	35%	62%	62%	63%	63%	57%	65%	54%	50%	73%	74%	70%
Perc	32	32	6	73	43	41	26	46	37	82	60	36	73	60	85	81	7	29	62	36	13	25

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

Used as a yearling at Twin Oaks. Semen retained for in herd use only.

TransTasman Cattle Evaluation Mid April 2023 Reference Table - BREED AVERAGE EBV's																						
Breed Av.	Calving Ease				Growth				Fertility				Carcass				Other		Structural			
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DtC	CWT	EMA	Rib	P8	RBY	IMF	Doc	NFI-F	Claw	Foot	Leg
	+2.2	+2.6	-4.8	+4.1	+50	+90	+117	+100	+17	+2.1	-4.6	+66	+6.4	+0.0	-0.3	+0.5	+2.2	+20	+0.19	+0.84	+0.97	+1.03





**Lot 3 TWIN OAKS S089<sup>PV</sup> (HBR) FTW21S089**

**Mating Type:** AI **DOB:** 16/08/2021 **AMF,CAF,DDF,NHF,DWF,MAF,MHF,OHF,OSF,RGF**

SIRE: NMMP15 MILLAH MURRAH PARATROOPER P15<sup>PV</sup> DAM: NZE20149117N037 TWIN OAKS CAROL N037<sup>PV</sup>  
 MILLAH MURRAH ELA M9<sup>PV</sup> TWIN OAKS CAROL L73<sup>#</sup>



Structural Assessment									Selection Index
Front View	Front Claw	Rear Claw	Front Feet Angle	Rear Feet Angle	Rear Side	Rear Hind	Sheath	Docility	\$PRO
									\$152
5	6	6	5	5	5	6	4	1	46

TACE	Mid April 2023 TransTasman Angus Cattle Evaluation																					
	CALVING EASE				GROWTH				FERTILITY			CARCASE					OTHER		STRUCTURAL			
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DtC	CWT	EMA	Rib	P8	RBY	IMF	DOC	NFI-F	Claw	Foot	Leg
EBV	+2.7	+4.6	-5.2	+4.9	+56	+100	+131	+106	+22	+2.2	-1.9	+70	+12.0	-0.3	+0.1	+0.5	+3.2	+22	+0.43	+0.64	+0.74	71%
Acc	62%	49%	83%	74%	74%	72%	73%	70%	63%	73%	38%	62%	62%	63%	63%	57%	65%	56%	51%	75%	75%	71%
Perc	51	33	42	68	24	22	22	40	13	44	96	38	5	55	41	47	22	39	79	13	7	16

Trait Observed: GL,CE,BWT,200WT,400WT,SC,Scan(EMA,Rib,Rump,IMF),Structure(Claw Set x 1, Foot Angle x 1),Genomics  
 Used as a yearling at Twin Oaks. Semen retained for in herd use only.

TransTasman Cattle Evaluation Mid April 2023 Reference Table - BREED AVERAGE EBV's																						
Breed Av.	Calving Ease				Growth				Fertility			Carcase					Other		Structural			
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DtC	CWT	EMA	Rib	P8	RBY	IMF	Doc	NFI-F	Claw	Foot	Leg
	+2.2	+2.6	-4.8	+4.1	+50	+90	+117	+100	+17	+2.1	-4.6	+66	+6.4	+0.0	-0.3	+0.5	+2.2	+20	+0.19	+0.84	+0.97	+1.03



**Lot 4 TWIN OAKS S211<sup>PV</sup> (HBR) FTW21S211**

**Mating Type:** AI **DOB:** 24/08/2021 **AMFU,CAFU,DDFU,NHFU**

SIRE: NMMP15 MILLAH MURRAH PARATROOPER P15<sup>PV</sup> DAM: NZE20149118P204 TWIN OAKS DELI P204<sup>PV</sup>  
 MILLAH MURRAH ELA M9<sup>PV</sup> TWIN OAKS DELI M83<sup>PV</sup>



Structural Assessment									Selection Index
Front View	Front Claw	Rear Claw	Front Feet Angle	Rear Feet Angle	Rear Side	Rear Hind	Sheath	Docility	\$PRO
									\$167
5	5	5	6	6	5	5	5	1	29

TACE	Mid April 2023 TransTasman Angus Cattle Evaluation																					
	CALVING EASE				GROWTH				FERTILITY			CARCASE					OTHER		STRUCTURAL			
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DtC	CWT	EMA	Rib	P8	RBY	IMF	DOC	NFI-F	Claw	Foot	Leg
EBV	+4.5	+6.3	-2.8	+3.2	+51	+89	+109	+87	+16	+1.1	-4.8	+68	+6.8	+0.5	+0.7	-0.2	+3.3	+19	+0.16	+0.56	+0.76	68%
Acc	62%	50%	83%	74%	74%	72%	73%	70%	62%	75%	38%	62%	62%	63%	63%	57%	65%	58%	52%	75%	75%	68%
Perc	35	17	79	30	45	55	68	72	63	84	45	45	42	36	31	85	20	51	47	6	9	58

Trait Observed: GL,CE,BWT,200WT,400WT,SC,Scan(EMA,Rib,Rump,IMF),Structure(Claw Set x 1, Foot Angle x 1),Genomics  
 Used as a yearling at Twin Oaks. Semen retained for in herd use only.

TransTasman Cattle Evaluation Mid April 2023 Reference Table - BREED AVERAGE EBV's																						
Breed Av.	Calving Ease				Growth				Fertility			Carcase					Other		Structural			
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DtC	CWT	EMA	Rib	P8	RBY	IMF	Doc	NFI-F	Claw	Foot	Leg
	+2.2	+2.6	-4.8	+4.1	+50	+90	+117	+100	+17	+2.1	-4.6	+66	+6.4	+0.0	-0.3	+0.5	+2.2	+20	+0.19	+0.84	+0.97	+1.03





**Lot 5 TWIN OAKS S033<sup>PV</sup> (HBR) FTW21S033**

**Mating Type:** AI **DOB:** 12/08/2021 **AMFU,CAFU,DDFU,NHFU**

SIRE: NMMP15 MILLAH MURRAH PARATROOPER P15<sup>PV</sup> DAM: NZE20149119Q216 TWIN OAKS BESS Q216<sup>PV</sup>  
 MILLAH MURRAH ELA M9<sup>PV</sup> TWIN OAKS BESS K139<sup>#</sup>



Structural Assessment									Selection Index
Front View	Front Claw	Rear Claw	Front Feet Angle	Rear Feet Angle	Rear Side	Rear Hind	Sheath	Docility	\$PRO
									\$187
5	7	6	7	6	5	6	5	1	14

TACE	Mid April 2023 TransTasman Angus Cattle Evaluation																					
	CALVING EASE				GROWTH				FERTILITY				CARCASS				OTHER		STRUCTURAL			
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DtC	CWT	EMA	Rib	P8	RBY	IMF	DOC	NFI-F	Claw	Foot	Leg
EBV	+8.6	+5.0	-5.9	+2.6	+56	+102	+122	+99	+21	+3.2	-4.6	+72	+7.8	+0.7	+1.1	+0.3	+2.6	+13	+0.44	+0.88	+0.94	66%
Acc	61%	48%	83%	74%	73%	72%	72%	70%	62%	75%	36%	61%	61%	62%	62%	56%	64%	57%	50%	74%	74%	66%
Perc	7	29	31	20	22	18	39	52	20	14	51	32	31	31	24	60	36	83	80	58	41	7

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

Used as a yearling at Twin Oaks. Semen retained for in herd use only.

TransTasman Cattle Evaluation Mid April 2023 Reference Table - BREED AVERAGE EBV's																						
Breed Av.	Calving Ease				Growth				Fertility				Carcass				Other		Structural			
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DtC	CWT	EMA	Rib	P8	RBY	IMF	Doc	NFI-F	Claw	Foot	Leg
	+2.2	+2.6	-4.8	+4.1	+50	+90	+117	+100	+17	+2.1	-4.6	+66	+6.4	+0.0	-0.3	+0.5	+2.2	+20	+0.19	+0.84	+0.97	+1.03



**Lot 6 TWIN OAKS S055<sup>PV</sup> (HBR) FTW21S055**

**Mating Type:** AI **DOB:** 14/08/2021 **AMF,CAF,DDF,NHF,DWF,MAF,MHF,OHF,OSF,RGF**

SIRE: NMMP15 MILLAH MURRAH PARATROOPER P15<sup>PV</sup> DAM: NZE20149116M046 TWIN OAKS RONA M46<sup>PV</sup>  
 MILLAH MURRAH ELA M9<sup>PV</sup> TWIN OAKS RONA K116<sup>SV</sup>



Structural Assessment									Selection Index
Front View	Front Claw	Rear Claw	Front Feet Angle	Rear Feet Angle	Rear Side	Rear Hind	Sheath	Docility	\$PRO
									\$143
5	5	6	5	6	5	5	5	1	55

TACE	Mid April 2023 TransTasman Angus Cattle Evaluation																					
	CALVING EASE				GROWTH				FERTILITY				CARCASS				OTHER		STRUCTURAL			
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DtC	CWT	EMA	Rib	P8	RBY	IMF	DOC	NFI-F	Claw	Foot	Leg
EBV	+6.8	+6.9	-7.1	+1.8	+46	+92	+115	+78	+28	+1.9	-4.7	+59	+2.2	+3.4	+3.8	-0.5	+1.5	+26	+0.44	+0.88	+0.86	69%
Acc	63%	51%	83%	75%	75%	73%	74%	71%	64%	75%	38%	63%	63%	64%	64%	58%	66%	57%	52%	69%	74%	69%
Perc	17	13	16	10	69	46	56	84	2	57	48	71	91	3	4	93	67	24	80	58	23	45

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

Used as a yearling at Twin Oaks. Semen retained for in herd use only.

TransTasman Cattle Evaluation Mid April 2023 Reference Table - BREED AVERAGE EBV's																						
Breed Av.	Calving Ease				Growth				Fertility				Carcass				Other		Structural			
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DtC	CWT	EMA	Rib	P8	RBY	IMF	Doc	NFI-F	Claw	Foot	Leg
	+2.2	+2.6	-4.8	+4.1	+50	+90	+117	+100	+17	+2.1	-4.6	+66	+6.4	+0.0	-0.3	+0.5	+2.2	+20	+0.19	+0.84	+0.97	+1.03





**Lot 7 TWIN OAKS S193<sup>SV</sup> (HBR) FTW21S193**

**Mating Type:** AI **DOB:** 23/08/2021 **AMFU,CAFU,DDFU,NHFU**

SIRE: NMMP15 MILLAH MURRAH PARATROOPER P15<sup>PV</sup> EF COMMANDO 1366<sup>PV</sup> DAM: NZE20149114K087 TWIN OAKS WILMA K087<sup>#</sup> BOOROOMOOKA INSPIRED E124<sup>PV</sup>  
 MILLAH MURRAH ELA M9<sup>PV</sup> TWIN OAKS WILMA 842<sup>#</sup>



Structural Assessment									Selection Index
Front View	Front Claw	Rear Claw	Front Feet Angle	Rear Feet Angle	Rear Side	Rear Hind	Sheath	Docility	\$PRO
									\$150
5	6	6	7	6	5	5	5	1	48

TACE	Mid April 2023 TransTasman Angus Cattle Evaluation																					
	CALVING EASE				GROWTH				FERTILITY			CARCASS					OTHER		STRUCTURAL			
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DtC	CWT	EMA	Rib	P8	RBY	IMF	DOC	NFI-F	Claw	Foot	Leg
EBV	+1.3	+4.4	-7.1	+4.8	+58	+103	+135	+126	+24	+2.4	-5.0	+85	+2.8	-0.3	+1.1	-0.6	+3.2	+22	+0.21	+0.80	+0.94	70%
Acc	63%	50%	83%	75%	75%	73%	73%	70%	64%	74%	39%	63%	63%	64%	64%	59%	66%	55%	52%	73%	73%	70%
Perc	62	35	16	66	18	17	16	14	8	37	39	8	88	55	24	95	22	39	54	40	41	31

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

Used as a yearling at Twin Oaks

TransTasman Cattle Evaluation Mid April 2023 Reference Table - BREED AVERAGE EBV's																						
Breed Av.	Calving Ease				Growth				Fertility			Carcass					Other		Structural			
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DtC	CWT	EMA	Rib	P8	RBY	IMF	Doc	NFI-F	Claw	Foot	Leg
	+2.2	+2.6	-4.8	+4.1	+50	+90	+117	+100	+17	+2.1	-4.6	+66	+6.4	+0.0	-0.3	+0.5	+2.2	+20	+0.19	+0.84	+0.97	+1.03



**Lot 8 TWIN OAKS S003<sup>PV</sup> (HBR) FTW21S003**

**Mating Type:** AI **DOB:** 08/08/2021 **AMFU,CAFU,DDFU,NHFU**

SIRE: NMMP15 MILLAH MURRAH PARATROOPER P15<sup>PV</sup> EF COMMANDO 1366<sup>PV</sup> DAM: NZE20149113J028 TWIN OAKS MOANA J028<sup>SV</sup> BOOROOMOOKA INSPIRED E124<sup>PV</sup>  
 MILLAH MURRAH ELA M9<sup>PV</sup> 231 OF KAWATIRI<sup>#</sup>



Structural Assessment									Selection Index
Front View	Front Claw	Rear Claw	Front Feet Angle	Rear Feet Angle	Rear Side	Rear Hind	Sheath	Docility	\$PRO
									\$150
5	6	4	6	6	5	5	5	1	48

TACE	Mid April 2023 TransTasman Angus Cattle Evaluation																					
	CALVING EASE				GROWTH				FERTILITY			CARCASS					OTHER		STRUCTURAL			
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DtC	CWT	EMA	Rib	P8	RBY	IMF	DOC	NFI-F	Claw	Foot	Leg
EBV	+2.5	+3.9	-8.0	+3.9	+67	+108	+138	+120	+24	+2.0	-4.3	+94	+7.4	-3.0	-3.1	+0.6	+1.2	+10	-0.14	+0.84	+0.78	65%
Acc	62%	50%	83%	75%	75%	73%	73%	70%	65%	75%	38%	63%	63%	64%	64%	58%	66%	57%	52%	73%	73%	65%
Perc	53	41	9	46	3	9	13	20	7	53	60	2	35	96	90	40	75	92	14	49	11	5

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

TransTasman Cattle Evaluation Mid April 2023 Reference Table - BREED AVERAGE EBV's																						
Breed Av.	Calving Ease				Growth				Fertility			Carcass					Other		Structural			
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DtC	CWT	EMA	Rib	P8	RBY	IMF	Doc	NFI-F	Claw	Foot	Leg
	+2.2	+2.6	-4.8	+4.1	+50	+90	+117	+100	+17	+2.1	-4.6	+66	+6.4	+0.0	-0.3	+0.5	+2.2	+20	+0.19	+0.84	+0.97	+1.03





**Lot 9 TWIN OAKS S127<sup>PV</sup> (HBR) FTW21S127**

Mating Type: AI DOB: 18/08/2021 AMFU,CAFU,DDFU,NHFU

SIRE: NMMP15 MILLAH MURRAH PARATROOPER P15<sup>PV</sup> DAM: NZE20149116M092 TWIN OAKS BRAID M92<sup>PV</sup>  
 MILLAH MURRAH ELA M9<sup>PV</sup> TWIN OAKS BRAID G98<sup>#</sup>



Structural Assessment									Selection Index
Front View	Front Claw	Rear Claw	Front Feet Angle	Rear Feet Angle	Rear Side	Rear Hind	Sheath	Docility	\$PRO
									\$134
5	6	5	5	5	5	5	3	1	65

TACE	Mid April 2023 TransTasman Angus Cattle Evaluation																					
	CALVING EASE				GROWTH				FERTILITY				CARCASS				OTHER		STRUCTURAL			
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DtC	CWT	EMA	Rib	P8	RBY	IMF	DOC	NFI-F	Claw	Foot	Leg
EBV	-2.0	+4.1	-8.5	+6.3	+67	+112	+143	+127	+17	+0.9	-2.8	+89	+7.2	-1.9	-2.7	+0.2	+1.7	+19	+0.01	+0.60	+0.54	70%
Acc	62%	49%	83%	75%	74%	72%	73%	70%	63%	74%	38%	62%	62%	63%	63%	58%	65%	56%	51%	70%	74%	70%
Perc	82	38	7	90	3	6	8	13	47	89	90	5	37	87	87	66	61	55	28	9	1	12

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

TransTasman Cattle Evaluation Mid April 2023 Reference Table - BREED AVERAGE EBV's																						
Breed Av.	Calving Ease				Growth				Fertility				Carcass				Other		Structural			
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DtC	CWT	EMA	Rib	P8	RBY	IMF	Doc	NFI-F	Claw	Foot	Leg
	+2.2	+2.6	-4.8	+4.1	+50	+90	+117	+100	+17	+2.1	-4.6	+66	+6.4	+0.0	-0.3	+0.5	+2.2	+20	+0.19	+0.84	+0.97	+1.03



**Lot 10 TWIN OAKS S121<sup>PV</sup> (HBR) FTW21S121**

Mating Type: AI DOB: 18/08/2021 AMFU,CAFU,DDFU,NHFU

SIRE: NMMP15 MILLAH MURRAH PARATROOPER P15<sup>PV</sup> DAM: NZE20149114K252 TWIN OAKS K252<sup>SV</sup>  
 MILLAH MURRAH ELA M9<sup>PV</sup> 536 OF BUSHY GLEN<sup>#</sup>



Structural Assessment									Selection Index
Front View	Front Claw	Rear Claw	Front Feet Angle	Rear Feet Angle	Rear Side	Rear Hind	Sheath	Docility	\$PRO
									\$124
5	6	4	6	7	5	6	5	1.5	73

TACE	Mid April 2023 TransTasman Angus Cattle Evaluation																					
	CALVING EASE				GROWTH				FERTILITY				CARCASS				OTHER		STRUCTURAL			
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DtC	CWT	EMA	Rib	P8	RBY	IMF	DOC	NFI-F	Claw	Foot	Leg
EBV	+5.7	+1.5	-3.8	+3.0	+51	+92	+124	+104	+23	+2.6	-3.4	+75	+3.6	-0.8	-1.8	+0.2	+2.7	+22	+0.09	+0.78	+0.94	70%
Acc	62%	49%	83%	75%	74%	72%	73%	70%	64%	74%	36%	62%	62%	63%	63%	57%	65%	55%	50%	69%	74%	70%
Perc	25	65	65	27	44	45	36	43	9	29	82	26	81	67	76	66	33	40	37	36	41	38

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

Used as a yearling at Twin Oaks

TransTasman Cattle Evaluation Mid April 2023 Reference Table - BREED AVERAGE EBV's																						
Breed Av.	Calving Ease				Growth				Fertility				Carcass				Other		Structural			
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DtC	CWT	EMA	Rib	P8	RBY	IMF	Doc	NFI-F	Claw	Foot	Leg
	+2.2	+2.6	-4.8	+4.1	+50	+90	+117	+100	+17	+2.1	-4.6	+66	+6.4	+0.0	-0.3	+0.5	+2.2	+20	+0.19	+0.84	+0.97	+1.03



**Lot 11 TWIN OAKS S143<sup>PV</sup> (HBR) FTW21S143**

**Mating Type:** AI **DOB:** 19/08/2021 **AMFU,CAFU,DDFU,NHFU**

SIRE: NMMP15 MILLAH MURRAH PARATROOPER P15<sup>PV</sup> DAM: NZE20149119Q002 TWIN OAKS PORTIA Q002<sup>PV</sup>  
 EF COMMANDO 1366<sup>PV</sup> BEN NEVIS METAMORPHIC M51<sup>SV</sup>  
 MILLAH MURRAH ELA M9<sup>PV</sup> TWIN OAKS PORTIA M222<sup>DV</sup>



Structural Assessment									Selection Index
Front View	Front Claw	Rear Claw	Front Feet Angle	Rear Feet Angle	Rear Side	Rear Hind	Sheath	Docility	\$PRO
									\$196
5	7	6	7	6	5	6	4	1	9

TACE	Mid April 2023 TransTasman Angus Cattle Evaluation																					
	CALVING EASE				GROWTH				FERTILITY				CARCASE				OTHER		STRUCTURAL			
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DtC	CWT	EMA	Rib	P8	RBY	IMF	DOC	NFI-F	Claw	Foot	Leg
EBV	+5.3	+6.5	-1.8	+4.2	+66	+118	+151	+119	+24	+3.2	-4.1	+93	+11.0	-2.8	-2.7	+1.1	+1.8	+12	+0.07	+1.02	+1.02	66%
Acc	62%	48%	82%	74%	73%	71%	72%	68%	62%	74%	35%	61%	61%	62%	62%	56%	64%	55%	50%	68%	68%	66%
Perc	28	15	89	53	4	3	4	22	7	14	66	3	9	95	87	14	58	86	35	82	61	7

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

**Lot 12 TWIN OAKS S287<sup>PV</sup> (HBR) FTW21S287**

**Mating Type:** Natural **DOB:** 02/09/2021 **AMFU,CAFU,DDFU,NHFU**

SIRE: NZE20149019Q109 TWIN OAKS Q109<sup>PV</sup> DAM: NZE20149114K234 TWIN OAKS ZODIAC K234<sup>E</sup>  
 EXAR MONUMENTAL 6056B<sup>PV</sup> MATAURI COMPLETE F010<sup>#</sup>  
 TWIN OAKS K142<sup>SV</sup> GOLDWYN F410<sup>#</sup>



Structural Assessment									Selection Index
Front View	Front Claw	Rear Claw	Front Feet Angle	Rear Feet Angle	Rear Side	Rear Hind	Sheath	Docility	\$PRO
									\$143
5	6	6	6	6	6	7	3	1.5	55

TACE	Mid April 2023 TransTasman Angus Cattle Evaluation																					
	CALVING EASE				GROWTH				FERTILITY				CARCASE				OTHER		STRUCTURAL			
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DtC	CWT	EMA	Rib	P8	RBY	IMF	DOC	NFI-F	Claw	Foot	Leg
EBV	+10.7	+9.6	-11.3	+0.7	+51	+98	+130	+111	+18	+3.0	-3.3	+79	+0.9	+2.4	+1.6	-1.1	+2.5	+18	+0.36	+0.98	+1.04	67%
Acc	54%	42%	68%	72%	70%	68%	69%	67%	60%	71%	33%	59%	57%	59%	59%	53%	62%	39%	47%	67%	72%	67%
Perc	2	2	1	4	46	27	23	32	42	18	84	17	96	8	18	99	38	59	73	76	66	85

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

Used as a yearling at Twin Oaks

TransTasman Cattle Evaluation Mid April 2023 Reference Table - BREED AVERAGE EBV's																						
Breed Av.	Calving Ease				Growth				Fertility				Carcase				Other		Structural			
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DtC	CWT	EMA	Rib	P8	RBY	IMF	Doc	NFI-F	Claw	Foot	Leg
	+2.2	+2.6	-4.8	+4.1	+50	+90	+117	+100	+17	+2.1	-4.6	+66	+6.4	+0.0	-0.3	+0.5	+2.2	+20	+0.19	+0.84	+0.97	+1.03

**Lot 13 TWIN OAKS S151<sup>PV</sup> (HBR) FTW21S151**

**Mating Type:** AI **DOB:** 19/08/2021 **AMFU,CAFU,DDFU,NHFU**

SIRE: NZE20149018P183 TWIN OAKS P183<sup>PV</sup> DAM: NZE20149115L032 TWIN OAKS WINIFRED L32<sup>#</sup>  
 LD CAPITALIST 316<sup>PV</sup> IRELANDS GAPSTED G25<sup>PV</sup>  
 TWIN OAKS VALENTINE M52<sup>PV</sup> TWIN OAKS WINIFRED J146<sup>#</sup>



Structural Assessment									Selection Index
Front View	Front Claw	Rear Claw	Front Feet Angle	Rear Feet Angle	Rear Side	Rear Hind	Sheath	Docility	\$PRO
									\$188
5	6	6	6	7	5	6	5	1	13

TACE	Mid April 2023 TransTasman Angus Cattle Evaluation																					
	CALVING EASE				GROWTH				FERTILITY				CARCASE				OTHER		STRUCTURAL			
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DtC	CWT	EMA	Rib	P8	RBY	IMF	DOC	NFI-F	Claw	Foot	Leg
EBV	+5.8	+8.3	-2.4	+2.3	+51	+94	+116	+98	+20	+4.2	-7.2	+63	+2.7	+2.9	+3.4	-1.1	+3.2	+9	+0.27	+0.96	+1.14	60%
Acc	58%	46%	83%	75%	73%	71%	72%	70%	62%	74%	39%	62%	61%	63%	63%	57%	64%	51%	51%	71%	71%	60%
Perc	24	5	84	16	45	39	52	55	28	3	4	61	88	5	5	99	22	94	62	73	84	45

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

Used as a yearling at Twin Oaks

**Lot 14 TWIN OAKS S027<sup>PV</sup> (HBR) FTW21S027**

**Mating Type:** AI **DOB:** 11/08/2021 **AMFU,CAFU,DDF,NHFU**

SIRE: NMMP15 MILLAH MURRAH PARATROOPER P15<sup>PV</sup> DAM: NZE20149113J133 TWIN OAKS J133<sup>SV</sup>  
 EF COMMANDO 1366<sup>PV</sup> STERN CHIEF 09418<sup>#</sup>  
 MILLAH MURRAH ELA M9<sup>PV</sup> TWIN OAKS HEAVEN G118<sup>#</sup>



Structural Assessment									Selection Index
Front View	Front Claw	Rear Claw	Front Feet Angle	Rear Feet Angle	Rear Side	Rear Hind	Sheath	Docility	\$PRO
									\$116
5	6	5	6	6	5	5	5	1	79

TACE	Mid April 2023 TransTasman Angus Cattle Evaluation																					
	CALVING EASE				GROWTH				FERTILITY				CARCASE				OTHER		STRUCTURAL			
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DtC	CWT	EMA	Rib	P8	RBY	IMF	DOC	NFI-F	Claw	Foot	Leg
EBV	-0.2	+4.9	-6.9	+5.5	+58	+97	+120	+107	+15	+0.9	-2.7	+74	+3.4	+0.3	+0.6	+0.5	+0.1	+20	-0.03	+0.86	+0.82	65%
Acc	61%	47%	83%	75%	74%	72%	72%	69%	64%	75%	36%	62%	62%	63%	63%	57%	64%	53%	50%	73%	73%	65%
Perc	73	30	18	79	16	32	44	39	70	89	91	27	83	40	32	47	95	49	23	53	16	51

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

Used as a yearling at Twin Oaks

TransTasman Cattle Evaluation Mid April 2023 Reference Table - BREED AVERAGE EBV's																						
Breed Av.	Calving Ease				Growth				Fertility				Carcase				Other		Structural			
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DtC	CWT	EMA	Rib	P8	RBY	IMF	Doc	NFI-F	Claw	Foot	Leg
	+2.2	+2.6	-4.8	+4.1	+50	+90	+117	+100	+17	+2.1	-4.6	+66	+6.4	+0.0	-0.3	+0.5	+2.2	+20	+0.19	+0.84	+0.97	+1.03



**Lot 15 TWIN OAKS S081<sup>PV</sup> (HBR)**

**FTW21S081**

Mating Type: Natural

DOB: 15/08/2021

AMFU,CAFU,DDFU,NHFU

SIRE: NZE20149019Q041 TWIN OAKS Q041<sup>PV</sup> BEN NEVIS METAMORPHIC M51<sup>SV</sup>  
 DAM: NZE20149119Q178 TWIN OAKS BESS Q178<sup>PV</sup> KAKAHU KEYSTONE 14468<sup>#</sup>  
 TWIN OAKS ROSETTA N285<sup>PV</sup> TWIN OAKS BESS M169<sup>PV</sup>



Structural Assessment									Selection Index
Front View	Front Claw	Rear Claw	Front Feet Angle	Rear Feet Angle	Rear Side	Rear Hind	Sheath	Docility	\$PRO
									\$147
5	6	6	6	6	5	6	5	1.5	52

TACE	Mid April 2023 TransTasman Angus Cattle Evaluation																					
	CALVING EASE				GROWTH				FERTILITY				CARCASS				OTHER		STRUCTURAL			
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DIC	CWT	EMA	Rib	P8	RBY	IMF	DOC	NFI-F	Claw	Foot	Leg
EBV	+5.5	+7.1	-5.4	+2.4	+51	+94	+124	+107	+14	+1.5	-4.2	+75	+0.9	+0.6	-0.7	+2.6	+15	+0.22	+1.06	+1.22	61%	
Acc	55%	44%	66%	71%	70%	69%	69%	67%	58%	73%	34%	58%	57%	59%	59%	53%	62%	36%	48%	65%	66%	61%
Perc	27	11	39	17	47	40	36	39	73	72	63	25	96	33	32	96	36	74	55	87	93	98

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



**Lot 16 TWIN OAKS S275<sup>PV</sup> (HBR)**

**FTW21S275**

Mating Type: AI

DOB: 29/08/2021

AMFU,CAFU,DDFU,NHFU

SIRE: NMMP15 MILLAH MURRAH PARATROOPER P15<sup>PV</sup> EF COMMANDO 1366<sup>PV</sup>  
 DAM: NZE20149117N097 TWIN OAKS WILMA N097<sup>PV</sup> MUSGRAVE MEDIATOR<sup>PV</sup>  
 MILLAH MURRAH ELA M9<sup>PV</sup> TWIN OAKS WILMA K076<sup>#</sup>



Structural Assessment									Selection Index
Front View	Front Claw	Rear Claw	Front Feet Angle	Rear Feet Angle	Rear Side	Rear Hind	Sheath	Docility	\$PRO
									\$176
6	7	6	6	6	5	6	4	1	21

TACE	Mid April 2023 TransTasman Angus Cattle Evaluation																					
	CALVING EASE				GROWTH				FERTILITY				CARCASS				OTHER		STRUCTURAL			
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DIC	CWT	EMA	Rib	P8	RBY	IMF	DOC	NFI-F	Claw	Foot	Leg
EBV	+7.9	+8.7	-5.6	+3.2	+64	+111	+147	+140	+25	+5.1	-5.5	+86	+4.3	-0.6	-1.3	+0.2	+1.7	+0.01	+0.98	+1.12	67%	
Acc	61%	47%	82%	74%	74%	72%	72%	70%	62%	69%	35%	62%	62%	63%	63%	57%	65%	55%	50%	70%	70%	67%
Perc	10	4	36	30	6	6	6	6	5	1	27	7	74	62	67	66	61	70	28	76	81	9

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

Used as a yearling at Twin Oaks

TransTasman Cattle Evaluation Mid April 2023 Reference Table - BREED AVERAGE EBV's																						
Breed Av.	Calving Ease				Growth				Fertility				Carcass				Other		Structural			
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DIC	CWT	EMA	Rib	P8	RBY	IMF	Doc	NFI-F	Claw	Foot	Leg
	+2.2	+2.6	-4.8	+4.1	+50	+90	+117	+100	+17	+2.1	-4.6	+66	+6.4	+0.0	-0.3	+0.5	+2.2	+20	+0.19	+0.84	+0.97	+1.03

**Lot 17 TWIN OAKS S019<sup>PV</sup> (HBR)**

**FTW21S019**

Mating Type: AI

DOB: 10/08/2021

AMFU,CAFU,DDFU,NHFU

SIRE: NMMP15 MILLAH MURRAH PARATROOPER P15<sup>PV</sup> EF COMMANDO 1366<sup>PV</sup>  
 DAM: NZE20149115L037 TWIN OAKS UNVEIL L37<sup>#</sup> TWIN OAKS J049<sup>#</sup>  
 MILLAH MURRAH ELA M9<sup>PV</sup> TWIN OAKS UNVEIL H103<sup>#</sup>



Structural Assessment									Selection Index
Front View	Front Claw	Rear Claw	Front Feet Angle	Rear Feet Angle	Rear Side	Rear Hind	Sheath	Docility	\$PRO
									\$136
5	6	6	6	7	5	5	4	1	62

TACE	Mid April 2023 TransTasman Angus Cattle Evaluation																					
	CALVING EASE				GROWTH				FERTILITY				CARCASS				OTHER		STRUCTURAL			
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DIC	CWT	EMA	Rib	P8	RBY	IMF	DOC	NFI-F	Claw	Foot	Leg
EBV	+2.7	+6.3	-7.7	+5.3	+58	+98	+121	+110	+13	+1.9	-3.6	+65	+4.1	-0.5	-2.0	+0.6	+0.9	+26	+0.04	+0.60	+0.78	65%
Acc	60%	46%	83%	75%	74%	72%	73%	70%	64%	75%	35%	62%	61%	63%	63%	57%	64%	53%	49%	73%	73%	65%
Perc	51	17	11	76	17	28	42	34	82	57	78	55	76	60	79	40	82	24	31	9	11	20

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

TransTasman Cattle Evaluation Mid April 2023 Reference Table - BREED AVERAGE EBV's																						
Breed Av.	Calving Ease				Growth				Fertility				Carcass				Other		Structural			
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DIC	CWT	EMA	Rib	P8	RBY	IMF	Doc	NFI-F	Claw	Foot	Leg
	+2.2	+2.6	-4.8	+4.1	+50	+90	+117	+100	+17	+2.1	-4.6	+66	+6.4	+0.0	-0.3	+0.5	+2.2	+20	+0.19	+0.84	+0.97	+1.03



**Lot 18 TWIN OAKS S145<sup>PV</sup> (HBR)**

**FTW21S145**

**Mating Type:** AI **DOB:** 19/08/2021 **AMFU,CAFU,DDFU,NHFU**

SIRE: NZE20149018P183 TWIN OAKS P183<sup>PV</sup> LD CAPITALIST 316<sup>PV</sup>  
 TWIN OAKS VALENTINE M52<sup>PV</sup> DAM: NZE20149119Q044 TWIN OAKS BRONNIE Q044<sup>PV</sup> BUBS SOUTHERN CHARM AA31<sup>PV</sup>  
 TWIN OAKS K060<sup>SV</sup>



Structural Assessment								
Front View	Front Claw	Rear Claw	Front Feet Angle	Rear Feet Angle	Rear Side	Rear Hind	Sheath	Docility
5	6	6	6	7	5	4	5	1

Selection Index
\$PRO
\$147
52

TACE	Mid April 2023 TransTasman Angus Cattle Evaluation																					
	CALVING EASE				GROWTH				FERTILITY				CARCASS				OTHER		STRUCTURAL			
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DtC	CWT	EMA	Rib	P8	RBV	IMF	DOC	NFI-F	Claw	Foot	Leg
EBV	+6.8	+4.8	-1.2	+1.9	+46	+86	+108	+84	+23	+1.9	-4.0	+70	+4.4	+4.0	+6.3	-0.8	+2.2	+14	+0.35	+1.00	+1.02	61%
Acc	58%	46%	82%	74%	72%	70%	71%	69%	60%	73%	38%	60%	60%	61%	61%	55%	64%	51%	50%	72%	72%	61%
Perc	17	31	93	11	69	62	69	77	12	57	68	38	73	2	1	97	47	78	71	79	61	51

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

Used as a yearling at Twin Oaks

**Lot 19 TWIN OAKS S199<sup>PV</sup> (HBR)**

**FTW21S199**

**Mating Type:** AI **DOB:** 23/08/2021 **AMFU,CAFU,DDFU,NHFU**

SIRE: NMMP15 MILLAH MURRAH PARATROOPER P15<sup>PV</sup> EF COMMANDO 1366<sup>PV</sup>  
 MILLAH MURRAH ELA M9<sup>PV</sup> DAM: NZE20149118P062 TWIN OAKS ALDA P062<sup>PV</sup> G A R MOMENTUM<sup>PV</sup>  
 TWIN OAKS ALDA G48<sup>#</sup>



Structural Assessment								
Front View	Front Claw	Rear Claw	Front Feet Angle	Rear Feet Angle	Rear Side	Rear Hind	Sheath	Docility
5	7	6	6	6	5	5	4	1

Selection Index
\$PRO
\$155
43

TACE	Mid April 2023 TransTasman Angus Cattle Evaluation																					
	CALVING EASE				GROWTH				FERTILITY				CARCASS				OTHER		STRUCTURAL			
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DtC	CWT	EMA	Rib	P8	RBV	IMF	DOC	NFI-F	Claw	Foot	Leg
EBV	+7.6	+6.1	-8.7	+2.4	+47	+89	+110	+86	+15	+2.2	-3.2	+58	+8.8	+1.3	+1.0	+0.4	+2.0	+25	+0.40	+0.90	+0.78	68%
Acc	62%	49%	82%	74%	74%	72%	72%	70%	63%	75%	37%	62%	62%	63%	63%	57%	65%	57%	51%	71%	74%	68%
Perc	12	19	6	17	64	55	65	73	68	44	85	74	22	20	26	53	52	26	77	62	11	25

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

TransTasman Cattle Evaluation Mid April 2023 Reference Table - BREED AVERAGE EBV's																						
Breed Av.	Calving Ease				Growth				Fertility				Carcass				Other		Structural			
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DtC	CWT	EMA	Rib	P8	RBV	IMF	Doc	NFI-F	Claw	Foot	Leg
	+2.2	+2.6	-4.8	+4.1	+50	+90	+117	+100	+17	+2.1	-4.6	+66	+6.4	+0.0	-0.3	+0.5	+2.2	+20	+0.19	+0.84	+0.97	+1.03

**Lot 20 TWIN OAKS S323<sup>PV</sup> (HBR)**

**FTW21S323**

**Mating Type:** Natural **DOB:** 07/09/2021 **AMFU,CAFU,DDFU,NHFU**

SIRE: NZE20149019Q143 TWIN OAKS Q143<sup>PV</sup> EXAR MONUMENTAL 6056B<sup>PV</sup>  
 TWIN OAKS BRAID N094<sup>PV</sup> DAM: NZE20149119Q048 TWIN OAKS ZODIAC Q048<sup>PV</sup> BEN NEVIS METAMORPHIC M51<sup>SV</sup>  
 TWIN OAKS ZODIAC N195<sup>PV</sup>



Structural Assessment								
Front View	Front Claw	Rear Claw	Front Feet Angle	Rear Feet Angle	Rear Side	Rear Hind	Sheath	Docility
5	5	6	6	6	5	6	4	1

Selection Index
\$PRO
\$156
41

TACE	Mid April 2023 TransTasman Angus Cattle Evaluation																					
	CALVING EASE				GROWTH				FERTILITY				CARCASS				OTHER		STRUCTURAL			
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DtC	CWT	EMA	Rib	P8	RBV	IMF	DOC	NFI-F	Claw	Foot	Leg
EBV	+11.6	+9.0	-4.1	-0.5	+42	+82	+104	+86	+15	+3.1	-4.2	+61	+4.4	+0.4	+0.3	-0.1	+3.5	+12	+0.73	+1.12	+1.12	54%
Acc	55%	43%	68%	72%	71%	69%	70%	68%	60%	73%	33%	59%	58%	60%	60%	53%	63%	39%	48%	61%	61%	54%
Perc	1	3	61	1	83	73	77	74	67	16	63	67	73	38	38	81	17	85	96	92	81	38

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

TransTasman Cattle Evaluation Mid April 2023 Reference Table - BREED AVERAGE EBV's																						
Breed Av.	Calving Ease				Growth				Fertility				Carcass				Other		Structural			
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DtC	CWT	EMA	Rib	P8	RBV	IMF	Doc	NFI-F	Claw	Foot	Leg
	+2.2	+2.6	-4.8	+4.1	+50	+90	+117	+100	+17	+2.1	-4.6	+66	+6.4	+0.0	-0.3	+0.5	+2.2	+20	+0.19	+0.84	+0.97	+1.03





**Lot 21 TWIN OAKS S247<sup>PV</sup> (HBR) FTW21S247**

**Mating Type:** AI **DOB:** 27/08/2021 **AMFU,CAFU,DDFU,NHFU**

SIRE: NMMP15 MILLAH MURRAH PARATROOPER P15<sup>PV</sup> DAM: NZE20149117N102 TWIN OAKS WILMA N102<sup>PV</sup>  
 MILLAH MURRAH ELA M9<sup>PV</sup> TWIN OAKS WILMA J183<sup>#</sup>



Structural Assessment								
Front View	Front Claw	Rear Claw	Front Feet Angle	Rear Feet Angle	Rear Side	Rear Hind	Sheath	Docility
5	7	6	7	6	5	6	4	1

Selection Index
\$PRO
\$135
64

TACE	Mid April 2023 TransTasman Angus Cattle Evaluation																					
	CALVING EASE				GROWTH				FERTILITY				CARCASE				OTHER		STRUCTURAL			
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DIC	CWT	EMA	Rib	P8	RBY	IMF	DOC	NFI-F	Claw	Foot	Leg
EBV	+7.7	+6.4	-5.1	+2.6	+48	+92	+123	+104	+22	+2.0	-3.5	+67	+3.0	+0.1	-0.1	+0.1	+2.4	+15	+0.26	+1.08	+1.16	65%
Acc	61%	48%	84%	75%	74%	72%	73%	70%	63%	75%	36%	62%	62%	64%	63%	58%	65%	56%	50%	74%	74%	65%
Perc	11	16	44	20	59	46	37	43	15	53	80	49	86	45	45	72	41	73	61	89	87	70

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

Used as a yearling at Twin Oaks

TransTasman Cattle Evaluation Mid April 2023 Reference Table - BREED AVERAGE EBV's																						
Breed Av.	Calving Ease				Growth				Fertility				Carcase				Other		Structural			
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DIC	CWT	EMA	Rib	P8	RBY	IMF	Doc	NFI-F	Claw	Foot	Leg
	+2.2	+2.6	-4.8	+4.1	+50	+90	+117	+100	+17	+2.1	-4.6	+66	+6.4	+0.0	-0.3	+0.5	+2.2	+20	+0.19	+0.84	+0.97	+1.03



**Lot 22 TWIN OAKS S197<sup>PV</sup> (HBR) FTW21S197**

**Mating Type:** AI **DOB:** 23/08/2021 **AMFU,CAFU,DDFU,NHFU**

SIRE: NMMP15 MILLAH MURRAH PARATROOPER P15<sup>PV</sup> DAM: NZE20149118P006 TWIN OAKS WILMA P006<sup>PV</sup>  
 MILLAH MURRAH ELA M9<sup>PV</sup> TWIN OAKS WILMA K087<sup>#</sup>



Structural Assessment								
Front View	Front Claw	Rear Claw	Front Feet Angle	Rear Feet Angle	Rear Side	Rear Hind	Sheath	Docility
5	6	6	7	6	5	5	5	1

Selection Index
\$PRO
\$176
21

TACE	Mid April 2023 TransTasman Angus Cattle Evaluation																					
	CALVING EASE				GROWTH				FERTILITY				CARCASE				OTHER		STRUCTURAL			
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DIC	CWT	EMA	Rib	P8	RBY	IMF	DOC	NFI-F	Claw	Foot	Leg
EBV	+10.1	+9.9	-10.0	+1.8	+51	+97	+119	+95	+18	+3.6	-4.3	+66	+5.6	+0.1	-0.7	-0.2	+3.6	+24	+0.36	+0.90	+1.22	69%
Acc	62%	48%	82%	75%	74%	72%	73%	70%	63%	74%	37%	62%	62%	63%	63%	57%	65%	56%	51%	70%	75%	69%
Perc	3	1	2	10	47	31	46	60	40	8	60	51	58	45	57	85	16	30	73	62	93	51

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

Used as a yearling at Twin Oaks

TransTasman Cattle Evaluation Mid April 2023 Reference Table - BREED AVERAGE EBV's																						
Breed Av.	Calving Ease				Growth				Fertility				Carcase				Other		Structural			
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DIC	CWT	EMA	Rib	P8	RBY	IMF	Doc	NFI-F	Claw	Foot	Leg
	+2.2	+2.6	-4.8	+4.1	+50	+90	+117	+100	+17	+2.1	-4.6	+66	+6.4	+0.0	-0.3	+0.5	+2.2	+20	+0.19	+0.84	+0.97	+1.03



**Lot 23 TWIN OAKS S281<sup>PV</sup> (HBR)**

**FTW21S281**

**Mating Type:** AI **DOB:** 31/08/2021 **AMFU,CAFU,DDFU,NHFU**

SIRE: NMMP15 MILLAH MURRAH PARATROOPER P15<sup>PV</sup> DAM: NZE20149119Q346 TWIN OAKS ERINA Q346<sup>PV</sup>  
 EF COMMANDO 1366<sup>PV</sup> KAKAHU KEYSTONE 14468<sup>#</sup>  
 MILLAH MURRAH ELA M9<sup>PV</sup> TWIN OAKS ERINA M32<sup>PV</sup>



Structural Assessment									Selection Index
Front View	Front Claw	Rear Claw	Front Feet Angle	Rear Feet Angle	Rear Side	Rear Hind	Sheath	Docility	\$PRO
									\$206
5	6	6	6	6	5	6	5	1	5

TACE	Mid April 2023 TransTasman Angus Cattle Evaluation																					
	CALVING EASE				GROWTH				FERTILITY				CARCASE				OTHER		STRUCTURAL			
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DIC	CWT	EMA	Rib	P8	RBY	IMF	DOC	NFI-F	Claw	Foot	Leg
EBV	+8.0	+10.3	-7.1	+2.5	+62	+106	+133	+98	+20	+3.8	-4.9	+78	+7.7	+0.0	-0.2	-0.1	+2.9	+24	+0.27	+0.82	+0.80	69%
Acc	62%	49%	83%	74%	73%	72%	72%	70%	62%	74%	36%	61%	62%	63%	63%	57%	65%	56%	50%	69%	74%	69%
Perc	10	1	16	18	8	12	20	54	27	6	42	18	32	47	47	81	29	32	62	44	13	70

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

Used as a yearling at Twin Oaks

**Lot 24 TWIN OAKS S017<sup>SV</sup> (HBR)**

**FTW21S017**

**Mating Type:** AI **DOB:** 08/08/2021 **AMFU,CAFU,DDFU,NHFU**

SIRE: NMMP15 MILLAH MURRAH PARATROOPER P15<sup>PV</sup> DAM: NZE19944111G132 GOLDWYN G132<sup>#</sup>  
 EF COMMANDO 1366<sup>PV</sup> GOLDWYN 932<sup>#</sup>  
 MILLAH MURRAH ELA M9<sup>PV</sup> GOLDWYN D245<sup>#</sup>

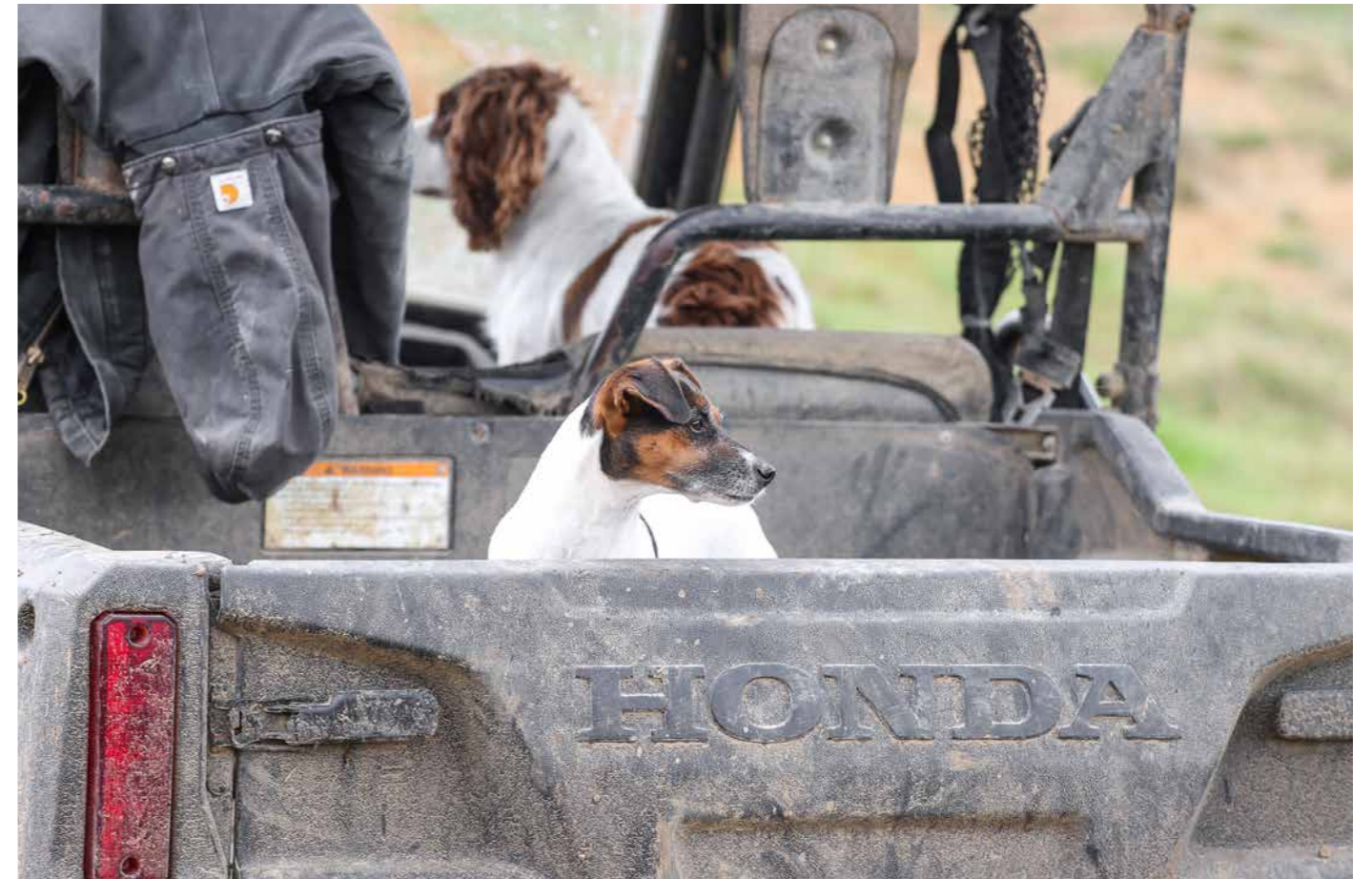


Structural Assessment									Selection Index
Front View	Front Claw	Rear Claw	Front Feet Angle	Rear Feet Angle	Rear Side	Rear Hind	Sheath	Docility	\$PRO
									\$118
5	5	6	6	6	5	6	5	1.5	78

TACE	Mid April 2023 TransTasman Angus Cattle Evaluation																					
	CALVING EASE				GROWTH				FERTILITY				CARCASE				OTHER		STRUCTURAL			
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DIC	CWT	EMA	Rib	P8	RBY	IMF	DOC	NFI-F	Claw	Foot	Leg
EBV	+6.1	+6.3	-8.1	+1.9	+49	+92	+115	+104	+21	+2.1	-3.4	+66	+4.5	-1.9	-2.2	+0.7	+1.3	+22	-0.09	+0.66	+0.82	64%
Acc	61%	48%	83%	75%	74%	73%	73%	70%	64%	76%	37%	62%	62%	64%	64%	57%	65%	53%	50%	66%	66%	64%
Perc	22	17	9	11	56	45	54	43	22	49	82	52	72	87	81	34	73	39	18	15	16	5

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

TransTasman Cattle Evaluation Mid April 2023 Reference Table - BREED AVERAGE EBV's																						
Breed Av.	Calving Ease				Growth				Fertility				Carcase				Other		Structural			
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DIC	CWT	EMA	Rib	P8	RBY	IMF	Doc	NFI-F	Claw	Foot	Leg
	+2.2	+2.6	-4.8	+4.1	+50	+90	+117	+100	+17	+2.1	-4.6	+66	+6.4	+0.0	-0.3	+0.5	+2.2	+20	+0.19	+0.84	+0.97	+1.03



**Lot 25 TWIN OAKS S031<sup>PV</sup> (HBR)**

**FTW21S031**

**Mating Type:** AI **DOB:** 12/08/2021 **AMFU,CAFU,DDFU,NHFU**

SIRE: NMMP15 MILLAH MURRAH PARATROOPER P15<sup>PV</sup> DAM: NZE20149119Q146 TWIN OAKS KOWKA Q146<sup>PV</sup>  
 EF COMMANDO 1366<sup>PV</sup> G A R MOMENTUM<sup>PV</sup>  
 MILLAH MURRAH ELA M9<sup>PV</sup> TWIN OAKS KOWKA K113<sup>SV</sup>



Structural Assessment									Selection Index
Front View	Front Claw	Rear Claw	Front Feet Angle	Rear Feet Angle	Rear Side	Rear Hind	Sheath	Docility	\$PRO
									\$134
5	6	6	6	6	5	6	4	1	65

TACE	Mid April 2023 TransTasman Angus Cattle Evaluation																					
	CALVING EASE				GROWTH				FERTILITY				CARCASE				OTHER		STRUCTURAL			
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DIC	CWT	EMA	Rib	P8	RBY	IMF	DOC	NFI-F	Claw	Foot	Leg
EBV	+6.8	+8.6	-7.7	+3.2	+52	+93	+122	+99	+21	+2.1	-2.0	+71	+7.6	-0.7	-1.4	+0.5	+2.3	+22	+0.17	+0.76	+0.76	67%
Acc	62%	50%	82%	74%	74%	72%	72%	70%	63%	75%	38%	62%	62%	63%	63%	57%	65%	57%	51%	75%	75%	67%
Perc	17	4	11	30	43	41	39	53	21	49	96	35	33	64	69	47	44	37	48	32	9	3

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

Used as a yearling at Twin Oaks

TransTasman Cattle Evaluation Mid April 2023 Reference Table - BREED AVERAGE EBV's																						
Breed Av.	Calving Ease				Growth				Fertility				Carcase				Other		Structural			
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DIC	CWT	EMA	Rib	P8	RBY	IMF	Doc	NFI-F	Claw	Foot	Leg
	+2.2	+2.6	-4.8	+4.1	+50	+90	+117	+100	+17	+2.1	-4.6	+66	+6.4	+0.0	-0.3	+0.5	+2.2	+20	+0.19	+0.84	+0.97	+1.03





**Lot 26 TWIN OAKS S179<sup>PV</sup> (HBR) FTW21S179**

Mating Type: AI      DOB: 21/08/2021      AMFU,CAFU,DDFU,NHFU

SIRE: LD CAPITALIST 316<sup>PV</sup>      BEN NEVIS METAMORPHIC M51<sup>SV</sup>  
 NZE20149018P183 TWIN OAKS P183<sup>PV</sup>      DAM: NZE20149119Q250 TWIN OAKS BELL Q250<sup>PV</sup>  
 TWIN OAKS VALENTINE M52<sup>PV</sup>      TWIN OAKS BELL L154<sup>#</sup>



Structural Assessment								
Front View	Front Claw	Rear Claw	Front Feet Angle	Rear Feet Angle	Rear Side	Rear Hind	Sheath	Docility
5	7	6	6	6	5	6	3	1.5

Selection Index
\$PRO
\$185
15

TACE	Mid April 2023 TransTasman Angus Cattle Evaluation																					
	CALVING EASE				GROWTH				FERTILITY				CARCASS				OTHER		STRUCTURAL			
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DIC	CWT	EMA	Rib	P8	RBV	IMF	DOC	NFI-F	Claw	Foot	Leg
EBV	-0.6	-1.6	-0.7	+6.4	+69	+125	+167	+147	+18	+2.3	-4.6	+100	+7.7	+1.0	+2.0	-0.1	+1.1	+6	-0.12	+1.12	+0.98	63%
Acc	58%	46%	82%	74%	72%	69%	72%	67%	60%	71%	37%	60%	59%	61%	61%	55%	63%	50%	50%	72%	67%	63%
Perc	75	87	95	91	2	1	1	3	42	40	51	1	32	25	13	81	77	97	15	92	52	20

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

Breed Av.	TransTasman Cattle Evaluation Mid April 2023 Reference Table - BREED AVERAGE EBV's																					
	Calving Ease				Growth				Fertility				Carcass				Other		Structural			
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DIC	CWT	EMA	Rib	P8	RBV	IMF	Doc	NFI-F	Claw	Foot	Leg
	+2.2	+2.6	-4.8	+4.1	+50	+90	+117	+100	+17	+2.1	-4.6	+66	+6.4	+0.0	-0.3	+0.5	+2.2	+20	+0.19	+0.84	+0.97	+1.03



**Lot 27 TWIN OAKS S005<sup>PV</sup> (HBR) FTW21S005**

Mating Type: AI      DOB: 08/08/2021      AMFU,CAFU,DDFU,NHFU

SIRE: EF COMMANDO 1366<sup>PV</sup>      TWIN OAKS J049<sup>#</sup>  
 NMMP15 MILLAH MURRAH PARATROOPER P15<sup>PV</sup>      DAM: NZE20149115L207 TWIN OAKS CHRISTA L207<sup>#</sup>  
 MILLAH MURRAH ELA M9<sup>PV</sup>      TWIN OAKS J203<sup>#</sup>



Structural Assessment								
Front View	Front Claw	Rear Claw	Front Feet Angle	Rear Feet Angle	Rear Side	Rear Hind	Sheath	Docility
5	5	4	5	6	5	6	5	1.5

Selection Index
\$PRO
\$162
34

TACE	Mid April 2023 TransTasman Angus Cattle Evaluation																					
	CALVING EASE				GROWTH				FERTILITY				CARCASS				OTHER		STRUCTURAL			
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DIC	CWT	EMA	Rib	P8	RBV	IMF	DOC	NFI-F	Claw	Foot	Leg
EBV	+1.2	+1.1	-9.2	+6.7	+62	+102	+137	+126	+16	+2.8	-6.0	+74	+4.4	-1.0	-1.4	+0.9	+0.3	+27	-0.17	+0.68	+0.94	70%
Acc	61%	47%	83%	76%	74%	73%	75%	70%	63%	75%	35%	62%	61%	63%	63%	57%	64%	53%	49%	73%	73%	70%
Perc	63	69	4	93	8	19	14	14	56	23	17	27	73	71	69	23	92	22	12	18	41	31

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

Breed Av.	TransTasman Cattle Evaluation Mid April 2023 Reference Table - BREED AVERAGE EBV's																					
	Calving Ease				Growth				Fertility				Carcass				Other		Structural			
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DIC	CWT	EMA	Rib	P8	RBV	IMF	Doc	NFI-F	Claw	Foot	Leg
	+2.2	+2.6	-4.8	+4.1	+50	+90	+117	+100	+17	+2.1	-4.6	+66	+6.4	+0.0	-0.3	+0.5	+2.2	+20	+0.19	+0.84	+0.97	+1.03



**Lot 28 TWIN OAKS S139<sup>PV</sup> (HBR)**

**FTW21S139**

Mating Type: AI DOB: 19/08/2021 AMFU,CAFU,DDFU,NHFU

SIRE: NMMP15 MILLAH MURRAH PARATROOPER P15<sup>PV</sup> DAM: NZE20149117N184 TWIN OAKS NEMA N184<sup>PV</sup>  
 EF COMMANDO 1366<sup>PV</sup> MUSGRAVE BIG SKY<sup>PV</sup>  
 MILLAH MURRAH ELA M9<sup>PV</sup> FLORIDALE EMMA<sup>#</sup>



Structural Assessment									Selection Index
Front View	Front Claw	Rear Claw	Front Feet Angle	Rear Feet Angle	Rear Side	Rear Hind	Sheath	Docility	
5	6	6	5	6	5	5	5	1	
									\$PRO
									\$156
									42

TACE	Mid April 2023 TransTasman Angus Cattle Evaluation																					
	CALVING EASE				GROWTH				FERTILITY				CARCASE				OTHER		STRUCTURAL			
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DtC	CWT	EMA	Rib	P8	RBY	IMF	DOC	NFI-F	Claw	Foot	Leg
EBV	+1.7	+6.9	-8.5	+3.7	+65	+113	+147	+142	+14	+2.8	-3.6	+83	+7.1	-3.2	-4.4	+0.8	+1.6	+20	-0.14	+1.08	+1.08	70%
Acc	62%	50%	83%	75%	74%	73%	75%	70%	63%	75%	38%	62%	62%	63%	63%	57%	65%	56%	51%	74%	74%	70%
Perc	59	13	7	41	4	5	6	5	79	23	78	10	39	97	97	28	64	48	14	89	74	31

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

**Lot 29 TWIN OAKS S013<sup>PV</sup> (HBR)**

**FTW21S013**

Mating Type: AI DOB: 08/08/2021 AMFU,CAFU,DDFU,NHFU

SIRE: NMMP15 MILLAH MURRAH PARATROOPER P15<sup>PV</sup> DAM: NZE20149119Q058 TWIN OAKS BLOSSOM N313<sup>PV</sup>  
 EF COMMANDO 1366<sup>PV</sup> LD CAPITALIST 316<sup>PV</sup>  
 MILLAH MURRAH ELA M9<sup>PV</sup> TWIN OAKS BLOSSOM N313<sup>PV</sup>



Structural Assessment									Selection Index
Front View	Front Claw	Rear Claw	Front Feet Angle	Rear Feet Angle	Rear Side	Rear Hind	Sheath	Docility	
5	6	4	6	6	5	6	5	2	
									\$PRO
									\$175
									22

TACE	Mid April 2023 TransTasman Angus Cattle Evaluation																					
	CALVING EASE				GROWTH				FERTILITY				CARCASE				OTHER		STRUCTURAL			
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DtC	CWT	EMA	Rib	P8	RBY	IMF	DOC	NFI-F	Claw	Foot	Leg
EBV	+5.8	+7.2	-9.5	+4.0	+65	+111	+136	+124	+13	+2.1	-4.3	+88	+5.4	-1.0	-2.0	+0.4	+1.2	+16	-0.05	+0.88	+0.90	66%
Acc	62%	50%	83%	75%	73%	72%	73%	70%	62%	75%	38%	62%	62%	63%	63%	57%	65%	56%	51%	69%	69%	66%
Perc	24	11	3	48	4	6	15	16	82	49	60	5	61	71	79	53	75	69	21	58	32	65

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

TransTasman Cattle Evaluation Mid April 2023 Reference Table - BREED AVERAGE EBV's																						
Breed Av.	Calving Ease				Growth				Fertility				Carcase				Other		Structural			
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DtC	CWT	EMA	Rib	P8	RBY	IMF	Doc	NFI-F	Claw	Foot	Leg
	+2.2	+2.6	-4.8	+4.1	+50	+90	+117	+100	+17	+2.1	-4.6	+66	+6.4	+0.0	-0.3	+0.5	+2.2	+20	+0.19	+0.84	+0.97	+1.03

**Lot 30 TWIN OAKS S133<sup>PV</sup> (HBR)**

**FTW21S133**

Mating Type: AI DOB: 18/08/2021 AMFU,CAFU,DDFU,NHFU

SIRE: USA18217198 G A R ASHLAND<sup>PV</sup> DAM: NZE20149115L130 TWIN OAKS HEAVEN L130<sup>#</sup>  
 G A R EARLY BIRD<sup>#</sup> S A V ANGUS VALLEY 1867<sup>SV</sup>  
 CHAIR ROCK AMBUSH 1018<sup>#</sup> TWIN OAKS HEAVEN G118<sup>#</sup>



Structural Assessment									Selection Index
Front View	Front Claw	Rear Claw	Front Feet Angle	Rear Feet Angle	Rear Side	Rear Hind	Sheath	Docility	
5	6	6	6	6	5	6	4	1	
									\$PRO
									\$125
									73

TACE	Mid April 2023 TransTasman Angus Cattle Evaluation																					
	CALVING EASE				GROWTH				FERTILITY				CARCASE				OTHER		STRUCTURAL			
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DtC	CWT	EMA	Rib	P8	RBY	IMF	DOC	NFI-F	Claw	Foot	Leg
EBV	-4.4	-6.6	-3.0	+6.6	+63	+107	+147	+141	+13	+2.2	-3.8	+73	+2.4	-1.1	-0.9	-0.2	+2.4	+13	-0.02	+0.92	+1.14	69%
Acc	63%	52%	83%	76%	74%	73%	76%	72%	67%	75%	37%	65%	64%	65%	60%	67%	55%	52%	75%	75%	69%	
Perc	91	98	77	92	6	11	6	5	84	44	74	30	90	73	60	85	41	83	24	66	84	45

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

TransTasman Cattle Evaluation Mid April 2023 Reference Table - BREED AVERAGE EBV's																						
Breed Av.	Calving Ease				Growth				Fertility				Carcase				Other		Structural			
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DtC	CWT	EMA	Rib	P8	RBY	IMF	Doc	NFI-F	Claw	Foot	Leg
	+2.2	+2.6	-4.8	+4.1	+50	+90	+117	+100	+17	+2.1	-4.6	+66	+6.4	+0.0	-0.3	+0.5	+2.2	+20	+0.19	+0.84	+0.97	+1.03





**Lot 32 TWIN OAKS S331<sup>PV</sup> (HBR) FTW21S331**

Mating Type: Natural DOB: 10/09/2021 AMFU,CAFU,DDFU,NHFU

SIRE: NZE20149019Q041 TWIN OAKS Q041<sup>PV</sup> TWIN OAKS ROSETTA N285<sup>PV</sup>  
 DAM: NZE20149119Q298 TWIN OAKS PEARL Q298<sup>PV</sup> TWIN OAKS K216<sup>#</sup>



Structural Assessment								
Front View	Front Claw	Rear Claw	Front Feet Angle	Rear Feet Angle	Rear Side	Rear Hind	Sheath	Docility
5	6	6	6	7	5	6	3	1.5

Selection Index
\$PRO
\$186
14

TACE	Mid April 2023 TransTasman Angus Cattle Evaluation																					
	CALVING EASE				GROWTH				FERTILITY			CARCASE				OTHER		STRUCTURAL				
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DtC	CWT	EMA	Rib	P8	RBY	IMF	DOC	NFI-F	Claw	Foot	Leg
EBV	+4.4	+6.2	-3.0	+4.7	+56	+98	+129	+105	+15	+3.6	-5.9	+80	+3.4	-1.5	+0.0	-0.1	+2.7	+11	+0.40	+0.88	+1.14	60%
Acc	53%	41%	65%	71%	69%	68%	68%	66%	57%	72%	31%	57%	56%	58%	58%	51%	61%	31%	46%	66%	69%	60%
Perc	36	18	77	64	22	27	26	43	68	8	18	15	83	81	43	81	33	90	77	58	84	98

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

**Lot 31 TWIN OAKS S231<sup>PV</sup> (HBR) FTW21S231**

Mating Type: AI DOB: 26/08/2021 AMFU,CAFU,DDFU,NHFU

SIRE: NMMP15 MILLAH MURRAH PARATROOPER P15<sup>PV</sup> MILLAH MURRAH ELA M9<sup>PV</sup>  
 DAM: NZE20149118P182 TWIN OAKS BELL P182<sup>PV</sup> TWIN OAKS BELL H3<sup>#</sup>



Structural Assessment								
Front View	Front Claw	Rear Claw	Front Feet Angle	Rear Feet Angle	Rear Side	Rear Hind	Sheath	Docility
5	6	5	6	6	5	6	5	2

Selection Index
\$PRO
\$146
53

TACE	Mid April 2023 TransTasman Angus Cattle Evaluation																					
	CALVING EASE				GROWTH				FERTILITY			CARCASE				OTHER		STRUCTURAL				
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DtC	CWT	EMA	Rib	P8	RBY	IMF	DOC	NFI-F	Claw	Foot	Leg
EBV	+3.5	+7.9	-7.5	+5.7	+61	+105	+134	+139	+7	+2.1	-3.5	+72	-0.4	-1.3	-2.4	-0.3	+2.7	+22	+0.02	+0.70	+0.92	66%
Acc	61%	48%	82%	75%	74%	72%	74%	70%	62%	73%	36%	62%	62%	63%	63%	57%	65%	54%	50%	73%	69%	66%
Perc	44	7	13	83	10	13	17	6	99	49	80	32	99	77	83	88	33	37	29	21	36	25

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

TransTasman Cattle Evaluation Mid April 2023 Reference Table - BREED AVERAGE EBV's																						
Breed Av.	Calving Ease				Growth				Fertility			Carcase				Other		Structural				
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DtC	CWT	EMA	Rib	P8	RBY	IMF	Doc	NFI-F	Claw	Foot	Leg
	+2.2	+2.6	-4.8	+4.1	+50	+90	+117	+100	+17	+2.1	-4.6	+66	+6.4	+0.0	-0.3	+0.5	+2.2	+20	+0.19	+0.84	+0.97	+1.03

**Lot 33 TWIN OAKS S009<sup>PV</sup> (HBR) FTW21S009**

Mating Type: AI DOB: 08/08/2021 AMFU,CAFU,DDFU,NHFU

SIRE: NMMP15 MILLAH MURRAH PARATROOPER P15<sup>PV</sup> MILLAH MURRAH ELA M9<sup>PV</sup>  
 DAM: NZE20149119Q274 TWIN OAKS CREEK Q274<sup>PV</sup> TWIN OAKS CREEK N146<sup>PV</sup>



Structural Assessment								
Front View	Front Claw	Rear Claw	Front Feet Angle	Rear Feet Angle	Rear Side	Rear Hind	Sheath	Docility
5	6	5	6	6	5	5	5	1

Selection Index
\$PRO
\$135
64

TACE	Mid April 2023 TransTasman Angus Cattle Evaluation																					
	CALVING EASE				GROWTH				FERTILITY			CARCASE				OTHER		STRUCTURAL				
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DtC	CWT	EMA	Rib	P8	RBY	IMF	DOC	NFI-F	Claw	Foot	Leg
EBV	+2.5	+3.4	-7.2	+4.4	+65	+117	+148	+134	+24	+4.5	-3.5	+88	+2.3	-3.5	-3.9	+0.5	+1.5	+22	+0.27	+0.84	+0.70	69%
Acc	60%	47%	83%	75%	73%	72%	74%	69%	61%	74%	36%	61%	61%	62%	62%	56%	64%	53%	50%	73%	73%	69%
Perc	53	46	15	57	4	3	5	9	8	2	80	6	91	98	95	47	67	40	62	49	4	20

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

TransTasman Cattle Evaluation Mid April 2023 Reference Table - BREED AVERAGE EBV's																						
Breed Av.	Calving Ease				Growth				Fertility			Carcase				Other		Structural				
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DtC	CWT	EMA	Rib	P8	RBY	IMF	Doc	NFI-F	Claw	Foot	Leg
	+2.2	+2.6	-4.8	+4.1	+50	+90	+117	+100	+17	+2.1	-4.6	+66	+6.4	+0.0	-0.3	+0.5	+2.2	+20	+0.19	+0.84	+0.97	+1.03





**Lot 34 TWIN OAKS S007<sup>PV</sup> (HBR) FTW21S007**

Mating Type: AI DOB: 08/08/2021 AMFU,CAFU,DDFU,NHFU

SIRE: NMMP15 MILLAH MURRAH PARATROOPER P15<sup>PV</sup> DAM: NZE20149116M062 TWIN OAKS QUARTZ M62<sup>PV</sup>  
 MILLAH MURRAH ELA M9<sup>PV</sup> GOLDWYN D284<sup>#</sup>



Structural Assessment								
Front View	Front Claw	Rear Claw	Front Feet Angle	Rear Feet Angle	Rear Side	Rear Hind	Sheath	Docility
5	6	6	5	6	5	5	4	1

Selection Index
\$PRO
\$163
34

TACE	Mid April 2023 TransTasman Angus Cattle Evaluation																					
	CALVING EASE				GROWTH				FERTILITY				CARCASE				OTHER		STRUCTURAL			
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DtC	CWT	EMA	Rib	P8	RBV	IMF	DOC	NFI-F	Claw	Foot	Leg
EBV	+2.3	+6.6	-11.6	+4.8	+63	+111	+135	+127	+12	+0.8	-5.1	+89	+6.9	-3.5	-5.3	+1.0	+0.9	+22	+0.10	+0.82	+0.68	70%
Acc	62%	49%	83%	76%	74%	73%	75%	70%	64%	75%	38%	62%	62%	63%	63%	58%	65%	56%	51%	74%	74%	70%
Perc	55	15	1	66	7	6	16	13	87	91	37	5	41	98	99	18	82	40	39	44	3	7

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

TransTasman Cattle Evaluation Mid April 2023 Reference Table - BREED AVERAGE EBV's																						
Breed Av.	Calving Ease				Growth				Fertility				Carcase				Other		Structural			
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DtC	CWT	EMA	Rib	P8	RBV	IMF	Doc	NFI-F	Claw	Foot	Leg
	+2.2	+2.6	-4.8	+4.1	+50	+90	+117	+100	+17	+2.1	-4.6	+66	+6.4	+0.0	-0.3	+0.5	+2.2	+20	+0.19	+0.84	+0.97	+1.03



**Lot 35 TWIN OAKS S251<sup>PV</sup> (HBR) FTW21S251**

Mating Type: AI DOB: 28/08/2021 AMFU,CAFU,DDFU,NHFU

SIRE: LD CAPITALIST 316<sup>PV</sup> DAM: NZE20149119Q196 TWIN OAKS CAROL Q196<sup>PV</sup>  
 TWIN OAKS VALENTINE M52<sup>PV</sup> TWIN OAKS CAROL N257<sup>PV</sup>



Structural Assessment								
Front View	Front Claw	Rear Claw	Front Feet Angle	Rear Feet Angle	Rear Side	Rear Hind	Sheath	Docility
5	6	6	6	7	5	5	5	2

Selection Index
\$PRO
\$165
32

TACE	Mid April 2023 TransTasman Angus Cattle Evaluation																					
	CALVING EASE				GROWTH				FERTILITY				CARCASE				OTHER		STRUCTURAL			
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DtC	CWT	EMA	Rib	P8	RBV	IMF	DOC	NFI-F	Claw	Foot	Leg
EBV	+1.0	+5.9	-5.0	+5.7	+60	+102	+124	+114	+9	+2.5	-5.3	+69	+3.5	+2.7	+2.4	-0.7	+1.2	+14	+0.18	+1.00	+0.96	65%
Acc	56%	44%	82%	74%	71%	70%	74%	68%	58%	73%	35%	59%	58%	60%	60%	54%	62%	46%	48%	71%	71%	65%
Perc	65	20	45	83	11	19	35	27	97	33	31	41	82	6	10	96	75	78	50	79	46	12

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

TransTasman Cattle Evaluation Mid April 2023 Reference Table - BREED AVERAGE EBV's																						
Breed Av.	Calving Ease				Growth				Fertility				Carcase				Other		Structural			
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DtC	CWT	EMA	Rib	P8	RBV	IMF	Doc	NFI-F	Claw	Foot	Leg
	+2.2	+2.6	-4.8	+4.1	+50	+90	+117	+100	+17	+2.1	-4.6	+66	+6.4	+0.0	-0.3	+0.5	+2.2	+20	+0.19	+0.84	+0.97	+1.03



**Lot 36 TWIN OAKS S189<sup>PV</sup> (HBR) FTW21S189**

Mating Type: AI DOB: 22/08/2021 AMFU,CAFU,DDFU,NHFU

SIRE: NMMP15 MILLAH MURRAH PARATROOPER P15<sup>PV</sup> DAM: NZE20149116M132 TWIN OAKS HEAVEN M132<sup>PV</sup>  
 EF COMMANDO 1366<sup>PV</sup> G A R PROPHECY<sup>SV</sup>  
 MILLAH MURRAH ELA M9<sup>PV</sup> TWIN OAKS HEAVEN J060<sup>#</sup>

Structural Assessment									Selection Index
Front View	Front Claw	Rear Claw	Front Feet Angle	Rear Feet Angle	Rear Side	Rear Hind	Sheath	Docility	\$PRO
									\$148
5	6	6	6	6	5	6	4	2	50

TACE	Mid April 2023 TransTasman Angus Cattle Evaluation																					
	CALVING EASE				GROWTH				FERTILITY				CARCASE				OTHER		STRUCTURAL			
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DtC	CWT	EMA	Rib	P8	RFY	IMF	DOC	NFI-F	Claw	Foot	Leg
EBV	-1.0	-1.4	-5.5	+5.1	+63	+109	+144	+125	+19	+3.0	-3.2	+81	+7.3	-1.8	-1.9	+0.5	+2.6	+26	+0.09	+0.84	+0.96	67%
Acc	62%	50%	83%	75%	74%	72%	74%	70%	63%	73%	37%	62%	62%	63%	63%	57%	65%	57%	50%	75%	71%	67%
Perc	77	86	37	73	6	9	8	15	31	18	85	13	36	85	77	47	36	25	37	49	46	65

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

**Lot 37 TWIN OAKS S367<sup>PV</sup> (HBR) FTW21S367**

Mating Type: Natural DOB: 18/09/2021 AMFU,CAFU,DDFU,NHFU

SIRE: NZE20149019Q041 TWIN OAKS Q041<sup>PV</sup> DAM: NZE20149119Q052 TWIN OAKS KOWKA Q052<sup>PV</sup>  
 BEN NEVIS METAMORPHIC M51<sup>SV</sup> KAKAHU KEYSTONE 14468<sup>#</sup>  
 TWIN OAKS ROSETTA N285<sup>PV</sup> TWIN OAKS KOWKA M102<sup>PV</sup>

Structural Assessment									Selection Index
Front View	Front Claw	Rear Claw	Front Feet Angle	Rear Feet Angle	Rear Side	Rear Hind	Sheath	Docility	\$PRO
									\$173
5	7	6	6	7	5	6	5	1	24

TACE	Mid April 2023 TransTasman Angus Cattle Evaluation																					
	CALVING EASE				GROWTH				FERTILITY				CARCASE				OTHER		STRUCTURAL			
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DtC	CWT	EMA	Rib	P8	RFY	IMF	DOC	NFI-F	Claw	Foot	Leg
EBV	+6.2	+5.1	+0.4	+2.8	+46	+94	+118	+91	+23	+3.8	-6.9	+74	-1.9	+2.6	+3.4	-1.7	+4.6	+16	+0.55	+1.12	+1.08	59%
Acc	57%	45%	67%	71%	70%	68%	69%	67%	59%	71%	34%	58%	58%	60%	60%	53%	62%	36%	48%	70%	70%	59%
Perc	21	28	98	23	71	40	48	66	11	6	6	27	99	6	5	99	5	70	89	92	74	20

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

TransTasman Cattle Evaluation Mid April 2023 Reference Table - BREED AVERAGE EBV's																						
Breed Av.	Calving Ease				Growth				Fertility				Carcase				Other		Structural			
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DtC	CWT	EMA	Rib	P8	RFY	IMF	Doc	NFI-F	Claw	Foot	Leg
	+2.2	+2.6	-4.8	+4.1	+50	+90	+117	+100	+17	+2.1	-4.6	+66	+6.4	+0.0	-0.3	+0.5	+2.2	+20	+0.19	+0.84	+0.97	+1.03

**Lot 38 TWIN OAKS S187<sup>PV</sup> (HBR) FTW21S187**

Mating Type: AI DOB: 22/08/2021 AMFU,CAFU,DDFU,NHFU

SIRE: NMMP15 MILLAH MURRAH PARATROOPER P15<sup>PV</sup> DAM: NZE20149118P250 TWIN OAKS WIKI P250<sup>PV</sup>  
 EF COMMANDO 1366<sup>PV</sup> KAKAHU KEYSTONE 14468<sup>#</sup>  
 MILLAH MURRAH ELA M9<sup>PV</sup> TWIN OAKS WIKI J053<sup>#</sup>

Structural Assessment									Selection Index
Front View	Front Claw	Rear Claw	Front Feet Angle	Rear Feet Angle	Rear Side	Rear Hind	Sheath	Docility	\$PRO
									\$144
5	6	4	7	6	5	6	5	1	54

TACE	Mid April 2023 TransTasman Angus Cattle Evaluation																					
	CALVING EASE				GROWTH				FERTILITY				CARCASE				OTHER		STRUCTURAL			
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DtC	CWT	EMA	Rib	P8	RFY	IMF	DOC	NFI-F	Claw	Foot	Leg
EBV	+3.1	+4.9	-8.2	+5.5	+56	+93	+120	+88	+21	+2.7	-4.8	+72	+3.9	+0.2	+0.2	+0.0	+1.1	+24	+0.29	+0.76	+0.96	70%
Acc	62%	49%	82%	75%	74%	72%	75%	70%	62%	75%	36%	61%	62%	63%	63%	57%	64%	55%	50%	74%	74%	70%
Perc	48	30	8	79	25	41	45	72	22	26	45	32	78	43	39	77	77	31	64	32	46	65

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

**Lot 39 TWIN OAKS S321<sup>PV</sup> (HBR) FTW21S321**

Mating Type: AI DOB: 06/09/2021 AMFU,CAFU,DDFU,NHFU

SIRE: NMMP15 MILLAH MURRAH PARATROOPER P15<sup>PV</sup> DAM: NZE20149119Q246 TWIN OAKS WILLA Q246<sup>PV</sup>  
 EF COMMANDO 1366<sup>PV</sup> TWIN OAKS N043<sup>PV</sup>  
 MILLAH MURRAH ELA M9<sup>PV</sup> TWIN OAKS WILLA M259<sup>PV</sup>

Structural Assessment									Selection Index
Front View	Front Claw	Rear Claw	Front Feet Angle	Rear Feet Angle	Rear Side	Rear Hind	Sheath	Docility	\$PRO
									\$135
5	6	5	6	6	5	6	4	1.5	64

TACE	Mid April 2023 TransTasman Angus Cattle Evaluation																					
	CALVING EASE				GROWTH				FERTILITY				CARCASE				OTHER		STRUCTURAL			
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DtC	CWT	EMA	Rib	P8	RFY	IMF	DOC	NFI-F	Claw	Foot	Leg
EBV	-2.3	+2.9	-2.4	+3.8	+56	+102	+124	+93	+22	+3.1	-4.3	+78	+7.2	-0.9	-0.4	+0.6	+0.7	+20	+0.14	+0.84	+0.90	69%
Acc	60%	47%	82%	75%	73%	72%	74%	69%	61%	74%	34%	60%	60%	62%	62%	55%	64%	53%	49%	74%	74%	69%
Perc	84	51	84	44	25	19	35	63	14	16	60	19	37	69	51	40	86	50	44	49	32	76

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

TransTasman Cattle Evaluation Mid April 2023 Reference Table - BREED AVERAGE EBV's																						
Breed Av.	Calving Ease				Growth				Fertility				Carcase				Other		Structural			
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DtC	CWT	EMA	Rib	P8	RFY	IMF	Doc	NFI-F	Claw	Foot	Leg
	+2.2	+2.6	-4.8	+4.1	+50	+90	+117	+100	+17	+2.1	-4.6	+66	+6.4	+0.0	-0.3	+0.5	+2.2	+20	+0.19	+0.84	+0.97	+1.03





**Lot 40 TWIN OAKS S327<sup>PV</sup> (HBR) FTW21S327**

**Mating Type:** Natural **DOB:** 07/09/2021 **AMFU,CAFU,DDFU,NHFU**

**SIRE:** BEN NEVIS METAMORPHIC M51<sup>SV</sup> **DAM:** KAKAHU KEYSTONE 14468\*  
**TWIN OAKS RAMBO Q187<sup>PV</sup>** **TWIN OAKS WILMA Q098<sup>PV</sup>**  
**TWIN OAKS ZODIAC M2<sup>PV</sup>** **TWIN OAKS FUSHIA N093<sup>PV</sup>**



Structural Assessment									Selection Index
Front View	Front Claw	Rear Claw	Front Feet Angle	Rear Feet Angle	Rear Side	Rear Hind	Sheath	Docility	\$PRO
									\$186
5	6	6	6	6	5	5	4	2.5	14

TACE	Mid April 2023 TransTasman Angus Cattle Evaluation																					
	CALVING EASE				GROWTH				FERTILITY				CARCASE				OTHER		STRUCTURAL			
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DtC	CWT	EMA	Rib	P8	RBY	IMF	DOC	NFI-F	Claw	Foot	Leg
EBV	+2.3	+4.8	-2.9	+5.7	+56	+98	+119	+103	+14	+3.5	-6.4	+73	+5.1	+0.0	+0.5	-0.3	+3.2	+20	+0.43	+0.84	+0.86	60%
Acc	55%	44%	67%	72%	70%	68%	69%	67%	58%	70%	34%	58%	58%	60%	60%	53%	62%	39%	47%	71%	71%	60%
Perc	55	31	78	83	22	28	46	46	78	9	11	30	64	47	34	88	22	51	79	49	23	12

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

TransTasman Cattle Evaluation Mid April 2023 Reference Table - BREED AVERAGE EBV's																						
Breed Av.	Calving Ease				Growth				Fertility				Carcase				Other		Structural			
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DtC	CWT	EMA	Rib	P8	RBY	IMF	Doc	NFI-F	Claw	Foot	Leg
	+2.2	+2.6	-4.8	+4.1	+50	+90	+117	+100	+17	+2.1	-4.6	+66	+6.4	+0.0	-0.3	+0.5	+2.2	+20	+0.19	+0.84	+0.97	+1.03

**Lot 41 TWIN OAKS S273<sup>PV</sup> (HBR) FTW21S273**

**Mating Type:** Natural **DOB:** 29/08/2021 **AMFU,CAFU,DDFU,NHFU**

**SIRE:** EXAR MONUMENTAL 6056B<sup>PV</sup> **DAM:** TWIN OAKS J049\*  
**TWIN OAKS Q109<sup>PV</sup>** **TWIN OAKS VALENTINE M235<sup>PV</sup>**  
**TWIN OAKS K142<sup>SV</sup>** **TWIN OAKS VALENTINE H31\***



Structural Assessment									Selection Index
Front View	Front Claw	Rear Claw	Front Feet Angle	Rear Feet Angle	Rear Side	Rear Hind	Sheath	Docility	\$PRO
									\$115
5	5	6	5	6	5	6	5	1	80

TACE	Mid April 2023 TransTasman Angus Cattle Evaluation																					
	CALVING EASE				GROWTH				FERTILITY				CARCASE				OTHER		STRUCTURAL			
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DtC	CWT	EMA	Rib	P8	RBY	IMF	DOC	NFI-F	Claw	Foot	Leg
EBV	-0.2	+3.8	-9.1	+4.6	+48	+89	+109	+103	+15	+3.3	-5.8	+64	+1.0	+0.5	-1.1	+0.0	+1.1	+27	+0.22	+0.84	+0.82	63%
Acc	52%	40%	67%	72%	70%	69%	73%	67%	59%	72%	32%	58%	57%	59%	52%	61%	33%	46%	69%	69%	63%	
Perc	73	42	4	62	61	55	68	45	69	12	20	56	96	36	64	77	77	20	55	49	16	4

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

**Lot 42 TWIN OAKS S372<sup>PV</sup> (HBR) FTW21S372**

**Mating Type:** Natural **DOB:** 23/09/2021 **AMFU,CAFU,DDFU,NHFU**

**SIRE:** EXAR MONUMENTAL 6056B<sup>PV</sup> **DAM:** BEN NEVIS METAMORPHIC M51<sup>SV</sup>  
**TWIN OAKS FUNK Q077<sup>PV</sup>** **TWIN OAKS VALENTINE Q206<sup>PV</sup>**  
**TWIN OAKS VERA K188<sup>F</sup>** **TWIN OAKS VALENTINE M361<sup>PV</sup>**



Structural Assessment									Selection Index
Front View	Front Claw	Rear Claw	Front Feet Angle	Rear Feet Angle	Rear Side	Rear Hind	Sheath	Docility	\$PRO
									\$143
5	6	6	6	6	6	5	5	2	55

TACE	Mid April 2023 TransTasman Angus Cattle Evaluation																					
	CALVING EASE				GROWTH				FERTILITY				CARCASE				OTHER		STRUCTURAL			
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DtC	CWT	EMA	Rib	P8	RBY	IMF	DOC	NFI-F	Claw	Foot	Leg
EBV	+3.8	+4.7	-4.5	+3.9	+54	+94	+114	+101	+11	+1.6	-2.6	+61	+7.0	-0.5	-0.4	+0.4	+2.1	+13	+0.13	+0.92	+0.76	65%
Acc	55%	42%	70%	71%	71%	69%	72%	67%	58%	71%	31%	58%	57%	59%	52%	61%	47%	47%	71%	71%	65%	
Perc	41	32	54	46	32	40	58	50	90	69	92	67	40	60	51	53	49	82	43	66	9	1

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

TransTasman Cattle Evaluation Mid April 2023 Reference Table - BREED AVERAGE EBV's																						
Breed Av.	Calving Ease				Growth				Fertility				Carcase				Other		Structural			
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DtC	CWT	EMA	Rib	P8	RBY	IMF	Doc	NFI-F	Claw	Foot	Leg
	+2.2	+2.6	-4.8	+4.1	+50	+90	+117	+100	+17	+2.1	-4.6	+66	+6.4	+0.0	-0.3	+0.5	+2.2	+20	+0.19	+0.84	+0.97	+1.03



**Lot 43 TWIN OAKS S137<sup>PV</sup> (HBR)**

**FTW21S137**

**Mating Type:** AI **DOB:** 18/08/2021 **AMFU,CAFU,DDF,NHFU**

G A R EARLY BIRD\* **SIRE: USA18217198 G A R ASHLAND<sup>PV</sup>**  
 CHAIR ROCK AMBUSH 1018\*  
 MATAURI COMPLETE F010\* **DAM: NZE20149114K217 TWIN OAKS PANSY K217<sup>#</sup>**  
 GOLDWYN F484<sup>#</sup>



Structural Assessment								
Front View	Front Claw	Rear Claw	Front Feet Angle	Rear Feet Angle	Rear Side	Rear Hind	Sheath	Docility
5	7	6	6	6	6	6	5	2.5

Selection Index
\$PRO
\$162
35

TACE	Mid April 2023 TransTasman Angus Cattle Evaluation																					
	CALVING EASE				GROWTH				FERTILITY			CARCASE					OTHER		STRUCTURAL			
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DIC	CWT	EMA	Rib	P8	RBY	IMF	DOC	NFI-F	Claw	Foot	Leg
EBV	-0.8	+2.2	-2.4	+4.2	+45	+82	+102	+76	+19	+1.8	-4.9	+52	+13.3	+0.9	+1.5	+1.1	+2.6	+12	+0.61	+1.16	+1.04	69%
Acc	63%	51%	83%	76%	74%	73%	76%	72%	67%	75%	37%	65%	64%	65%	65%	59%	67%	53%	52%	75%	75%	69%
Perc	76	59	84	53	73	75	81	86	35	61	42	87	3	27	19	14	36	86	92	95	66	31

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

**Lot 44 TWIN OAKS S225<sup>PV</sup> (HBR)**

**FTW21S225**

**Mating Type:** Natural **DOB:** 25/08/2021 **AMFU,CAFU,DDFU,NHFU**

G A R MOMENTUM<sup>PV</sup> **SIRE: NZE20149019Q209 TWIN OAKS Q209<sup>PV</sup>**  
 TWIN OAKS BRAID M44<sup>PV</sup>  
 BT RIGHT TIME 24J<sup>#</sup> **DAM: NZE20149114K116 TWIN OAKS RONA K116<sup>SV</sup>**  
 GOLDWYN F470<sup>#</sup>



Structural Assessment								
Front View	Front Claw	Rear Claw	Front Feet Angle	Rear Feet Angle	Rear Side	Rear Hind	Sheath	Docility
4	6	6	6	6	5	5	5	1

Selection Index
\$PRO
\$129
69

TACE	Mid April 2023 TransTasman Angus Cattle Evaluation																					
	CALVING EASE				GROWTH				FERTILITY			CARCASE					OTHER		STRUCTURAL			
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DIC	CWT	EMA	Rib	P8	RBY	IMF	DOC	NFI-F	Claw	Foot	Leg
EBV	-0.4	-0.7	-0.4	+2.8	+49	+92	+118	+97	+16	+1.1	-3.1	+56	+3.1	+1.0	+1.5	-0.6	+3.9	+32	+0.30	+0.68	+0.80	66%
Acc	57%	48%	68%	73%	72%	70%	73%	68%	62%	73%	40%	61%	60%	62%	62%	56%	64%	40%	51%	71%	72%	66%
Perc	74	82	96	23	55	45	49	56	61	84	87	79	86	25	19	95	12	11	66	18	13	9

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

TransTasman Cattle Evaluation Mid April 2023 Reference Table - BREED AVERAGE EBV's																						
Breed Av.	Calving Ease				Growth				Fertility			Carcase					Other		Structural			
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DIC	CWT	EMA	Rib	P8	RBY	IMF	Doc	NFI-F	Claw	Foot	Leg
	+2.2	+2.6	-4.8	+4.1	+50	+90	+117	+100	+17	+2.1	-4.6	+66	+6.4	+0.0	-0.3	+0.5	+2.2	+20	+0.19	+0.84	+0.97	+1.03

**Lot 45 TWIN OAKS S095<sup>PV</sup> (HBR)**

**FTW21S095**

**Mating Type:** AI **DOB:** 15/08/2021 **AMFU,CAFU,DDFU,NHFU**

G A R EARLY BIRD\* **SIRE: USA18217198 G A R ASHLAND<sup>PV</sup>**  
 CHAIR ROCK AMBUSH 1018\*  
 BUBS SOUTHERN CHARM AA31<sup>PV</sup> **DAM: NZE20149119Q102 TWIN OAKS HEAVEN Q102<sup>PV</sup>**  
 TWIN OAKS HEAVEN L130<sup>#</sup>



Structural Assessment								
Front View	Front Claw	Rear Claw	Front Feet Angle	Rear Feet Angle	Rear Side	Rear Hind	Sheath	Docility
5	6	6	6	6	5	6	5	2

Selection Index
\$PRO
\$162
35

TACE	Mid April 2023 TransTasman Angus Cattle Evaluation																					
	CALVING EASE				GROWTH				FERTILITY			CARCASE					OTHER		STRUCTURAL			
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DIC	CWT	EMA	Rib	P8	RBY	IMF	DOC	NFI-F	Claw	Foot	Leg
EBV	+1.5	-1.6	-7.8	+4.8	+58	+99	+122	+108	+17	+2.5	-4.6	+60	+7.0	+0.7	+2.0	+0.3	+1.8	+11	+0.02	+1.00	+0.98	66%
Acc	63%	53%	83%	75%	74%	72%	74%	71%	66%	73%	37%	64%	64%	65%	65%	59%	67%	56%	53%	75%	72%	66%
Perc	61	87	11	66	16	26	40	38	52	33	51	68	40	31	13	60	58	89	29	79	52	1

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

**Lot 46 TWIN OAKS S371<sup>PV</sup> (HBR)**

**FTW21S371**

**Mating Type:** Natural **DOB:** 19/09/2021 **AMFU,CAFU,DDFU,NHFU**

EXAR MONUMENTAL 6056B<sup>PV</sup> **SIRE: NZE20149019Q023 TWIN OAKS Q023<sup>PV</sup>**  
 TWIN OAKS KOWKAN298<sup>PV</sup>  
 G A R MOMENTUM<sup>PV</sup> **DAM: NZE20149118P202 TWIN OAKS MARION P202<sup>PV</sup>**  
 TWIN OAKS MARION L16<sup>#</sup>



Structural Assessment								
Front View	Front Claw	Rear Claw	Front Feet Angle	Rear Feet Angle	Rear Side	Rear Hind	Sheath	Docility
5	6	6	6	6	5	6	5	2

Selection Index
\$PRO
\$151
47

TACE	Mid April 2023 TransTasman Angus Cattle Evaluation																					
	CALVING EASE				GROWTH				FERTILITY			CARCASE					OTHER		STRUCTURAL			
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DIC	CWT	EMA	Rib	P8	RBY	IMF	DOC	NFI-F	Claw	Foot	Leg
EBV	+6.0	+5.0	-1.6	+1.1	+39	+79	+98	+88	+13	+1.3	-4.1	+57	+5.6	+3.1	+3.8	-1.1	+4.9	+14	+0.37	+1.02	+0.96	60%
Acc	56%	44%	67%	73%	71%	68%	69%	67%	59%	72%	34%	59%	58%	59%	60%	53%	62%	39%	49%	65%	69%	60%
Perc	23	29	90	6	90	81	85	71	81	79	66	78	58	4	4	99	4	78	74	82	46	20

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

TransTasman Cattle Evaluation Mid April 2023 Reference Table - BREED AVERAGE EBV's																						
Breed Av.	Calving Ease				Growth				Fertility			Carcase					Other		Structural			
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DIC	CWT	EMA	Rib	P8	RBY	IMF	Doc	NFI-F	Claw	Foot	Leg
	+2.2	+2.6	-4.8	+4.1	+50	+90	+117	+100	+17	+2.1	-4.6	+66	+6.4	+0.0	-0.3	+0.5	+2.2	+20	+0.19	+0.84	+0.97	+1.03



**Lot 47 TWIN OAKS S161<sup>PV</sup> (HBR) FTW21S161**

Mating Type: AI DOB: 19/08/2021 AMFU,CAFU,DDFU,NHFU

SIRE: NMMP15 MILLAH MURRAH PARATROOPER P15<sup>PV</sup> DAM: NZE20149118P078 TWIN OAKS SUSAN P078<sup>PV</sup>  
 EF COMMANDO 1366<sup>PV</sup> MONTANA PAYLOAD 6019<sup>#</sup>  
 MILLAH MURRAH ELA M9<sup>PV</sup> TWIN OAKS SUSAN M344<sup>PV</sup>



Structural Assessment								
Front View	Front Claw	Rear Claw	Front Feet Angle	Rear Feet Angle	Rear Side	Rear Hind	Sheath	Docility
6	7	6	5	6	5	5	5	1.5

Selection Index
\$PRO
\$172
25

TACE	Mid April 2023 TransTasman Angus Cattle Evaluation																					
	CALVING EASE				GROWTH				FERTILITY			CARCASS				OTHER		STRUCTURAL				
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DIC	CWT	EMA	Rib	P8	RBV	IMF	DOC	NFI-F	Claw	Foot	Leg
EBV	+8.0	+5.3	-4.8	+1.5	+51	+89	+105	+83	+22	+2.2	-5.1	+62	+6.1	+2.6	+2.7	-0.2	+2.9	+19	+0.26	+1.12	+1.16	65%
Acc	61%	47%	83%	75%	74%	72%	73%	70%	62%	75%	35%	62%	62%	63%	63%	56%	65%	55%	50%	68%	68%	65%
Perc	10	26	49	8	44	53	76	78	13	44	37	62	51	6	8	85	29	56	61	92	87	25

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

**Lot 48 TWIN OAKS S341<sup>PV</sup> (HBR) FTW21S341**

Mating Type: Natural DOB: 10/09/2021 AMFU,CAFU,DDFU,NHFU

SIRE: NZE20149019Q041 TWIN OAKS Q041<sup>PV</sup> DAM: NZE20149119Q126 TWIN OAKS ROSETTA Q126<sup>PV</sup>  
 BEN NEVIS METAMORPHIC M51<sup>SV</sup> KAKAHU KEYSTONE 14468<sup>#</sup>  
 TWIN OAKS ROSETTA N285<sup>PV</sup> TWIN OAKS ROSETTA N108<sup>PV</sup>



Structural Assessment								
Front View	Front Claw	Rear Claw	Front Feet Angle	Rear Feet Angle	Rear Side	Rear Hind	Sheath	Docility
5	7	6	7	6	6	5	5	1.5

Selection Index
\$PRO
\$199
7

TACE	Mid April 2023 TransTasman Angus Cattle Evaluation																					
	CALVING EASE				GROWTH				FERTILITY			CARCASS				OTHER		STRUCTURAL				
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DIC	CWT	EMA	Rib	P8	RBV	IMF	DOC	NFI-F	Claw	Foot	Leg
EBV	+4.6	+8.0	+0.0	+3.6	+54	+97	+131	+100	+17	+2.9	-5.9	+85	+2.4	+0.3	+0.7	-0.8	+4.9	+11	+0.45	+1.08	+1.24	64%
Acc	55%	43%	67%	72%	71%	70%	73%	67%	59%	72%	33%	59%	58%	60%	60%	53%	62%	36%	48%	69%	70%	64%
Perc	34	7	97	39	31	30	22	50	52	21	18	8	90	40	31	97	4	90	81	89	94	85

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

TransTasman Cattle Evaluation Mid April 2023 Reference Table - BREED AVERAGE EBV's																						
Breed Av.	Calving Ease				Growth				Fertility			Carcass				Other		Structural				
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DIC	CWT	EMA	Rib	P8	RBV	IMF	Doc	NFI-F	Claw	Foot	Leg
	+2.2	+2.6	-4.8	+4.1	+50	+90	+117	+100	+17	+2.1	-4.6	+66	+6.4	+0.0	-0.3	+0.5	+2.2	+20	+0.19	+0.84	+0.97	+1.03

**Lot 49 TWIN OAKS S311<sup>PV</sup> (HBR) FTW21S311**

Mating Type: AI DOB: 05/09/2021 AMFU,CAFU,DDFU,NHFU

SIRE: USA18217198 G A R ASHLAND<sup>PV</sup> DAM: NZE20149119Q306 TWIN OAKS PEARL Q306<sup>PV</sup>  
 G A R EARLY BIRD<sup>#</sup> TWIN OAKS N016<sup>PV</sup>  
 CHAIR ROCK AMBUSH 1018<sup>#</sup> GOLDWYN E306<sup>#</sup>



Structural Assessment								
Front View	Front Claw	Rear Claw	Front Feet Angle	Rear Feet Angle	Rear Side	Rear Hind	Sheath	Docility
5	6	6	6	6	5	6	4	1.5

Selection Index
\$PRO
\$188
13

TACE	Mid April 2023 TransTasman Angus Cattle Evaluation																					
	CALVING EASE				GROWTH				FERTILITY			CARCASS				OTHER		STRUCTURAL				
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DIC	CWT	EMA	Rib	P8	RBV	IMF	DOC	NFI-F	Claw	Foot	Leg
EBV	+1.1	+1.7	-2.8	+5.2	+50	+90	+112	+79	+12	+2.0	-5.1	+63	+12.6	-0.4	+0.1	+1.1	+2.3	+17	+0.39	+1.04	+0.92	63%
Acc	62%	51%	83%	74%	74%	72%	73%	72%	66%	73%	36%	64%	63%	65%	64%	59%	67%	51%	52%	73%	73%	63%
Perc	64	64	79	74	51	52	61	83	89	53	37	60	4	57	41	14	44	65	76	85	36	12

Trait Observed: GL,CE,BWT,200WT,400WT(x2),SC,Scan(EMA,Rib,Rump,IMF),Structure(Claw Set x 1, Foot Angle x 1),Genomics

**Lot 50 TWIN OAKS S303<sup>PV</sup> (HBR) FTW21S303**

Mating Type: Natural DOB: 03/09/2021 AMFU,CAFU,DDFU,NHFU

SIRE: NZE20149019Q117 TWIN OAKS Q117<sup>PV</sup> DAM: NZE20149116M070 TWIN OAKS ISOBEL M70<sup>PV</sup>  
 BEN NEVIS METAMORPHIC M51<sup>SV</sup> TE MANIA 11 465<sup>SV</sup>  
 TWIN OAKS MOANA N331<sup>PV</sup> GOLDWYN F408<sup>#</sup>



Structural Assessment								
Front View	Front Claw	Rear Claw	Front Feet Angle	Rear Feet Angle	Rear Side	Rear Hind	Sheath	Docility
5	6	6	5	6	5	5	4	1

Selection Index
\$PRO
\$136
63

TACE	Mid April 2023 TransTasman Angus Cattle Evaluation																					
	CALVING EASE				GROWTH				FERTILITY			CARCASS				OTHER		STRUCTURAL				
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DIC	CWT	EMA	Rib	P8	RBV	IMF	DOC	NFI-F	Claw	Foot	Leg
EBV	-1.2	-3.5	-2.3	+4.4	+46	+77	+100	+83	+16	+2.7	-5.4	+56	+7.5	+1.5	+2.3	+0.4	+1.9	+12	+0.55	+0.86	+1.06	57%
Acc	56%	47%	69%	73%	72%	70%	71%	69%	62%	70%	37%	61%	60%	62%	62%	55%	64%	40%	50%	67%	67%	57%
Perc	78	93	85	57	71	85	83	78	59	26	29	80	34	17	11	53	55	86	89	53	70	7

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

TransTasman Cattle Evaluation Mid April 2023 Reference Table - BREED AVERAGE EBV's																						
Breed Av.	Calving Ease				Growth				Fertility			Carcass				Other		Structural				
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DIC	CWT	EMA	Rib	P8	RBV	IMF	Doc	NFI-F	Claw	Foot	Leg
	+2.2	+2.6	-4.8	+4.1	+50	+90	+117	+100	+17	+2.1	-4.6	+66	+6.4	+0.0	-0.3	+0.5	+2.2	+20	+0.19	+0.84	+0.97	+1.03



**Lot 51 TWIN OAKS S355<sup>PV</sup> (HBR)**

**FTW21S355**

Mating Type: Natural DOB: 13/09/2021 AMFU,CAFU,DDFU,NHFU

KC HAAS GPS# STEVENSON CATTLEMAN R142#  
 SIRE: NZE13300014468 KAKAHU KEYSTONE 14468# DAM: NZE19944108D252 GOLDWYN D252<sup>SV</sup>  
 LAWSONS ANGUS NZ 08345# GOLDWYN 05-551#



Structural Assessment								
Front View	Front Claw	Rear Claw	Front Feet Angle	Rear Feet Angle	Rear Side	Rear Hind	Sheath	Docility
5	6	6	6	6	5	7	5	1

Selection Index
\$PRO
\$198
8

TACE	Mid April 2023 TransTasman Angus Cattle Evaluation																					
	CALVING EASE				GROWTH				FERTILITY				CARCASE				OTHER		STRUCTURAL			
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DIC	CWT	EMA	Rib	P8	RBV	IMF	DOC	NFI-F	Claw	Foot	Leg
EBV	+9.0	+10.7	-3.1	+2.6	+45	+84	+110	+79	+15	+4.0	-6.7	+63	+4.7	+1.2	+2.2	-0.2	+2.7	+26	+0.63	+0.98	+1.24	63%
Acc	62%	53%	73%	75%	74%	73%	73%	72%	69%	75%	43%	65%	64%	66%	66%	61%	67%	47%	53%	67%	67%	63%
Perc	6	1	76	20	73	68	67	83	66	4	8	61	69	22	12	85	33	23	93	76	94	95

Trait Observed: CE,BWT,200WT,400WT(x2),SC,Scan(EMA,Rib,Rump,IMF),Genomics

**Lot 52 TWIN OAKS S215<sup>PV</sup> (HBR)**

**FTW21S215**

Mating Type: AI DOB: 25/08/2021 AMFU,CAFU,DDFU,NHFU

EF COMMANDO 1366<sup>PV</sup> MUSGRAVE MEDIATOR<sup>PV</sup>  
 SIRE: NMMP15 MILLAH MURRAH PARATROOPER P15<sup>PV</sup> DAM: NZE20149117N112 TWIN OAKS RONA N112<sup>PV</sup>  
 MILLAH MURRAH ELA M9<sup>PV</sup> GOLDWYN F464#



Structural Assessment								
Front View	Front Claw	Rear Claw	Front Feet Angle	Rear Feet Angle	Rear Side	Rear Hind	Sheath	Docility
5	6	6	6	6	5	5	5	1.5

Selection Index
\$PRO
\$138
61

TACE	Mid April 2023 TransTasman Angus Cattle Evaluation																					
	CALVING EASE				GROWTH				FERTILITY				CARCASE				OTHER		STRUCTURAL			
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DIC	CWT	EMA	Rib	P8	RBV	IMF	DOC	NFI-F	Claw	Foot	Leg
EBV	+0.6	+3.3	-2.2	+5.6	+66	+107	+147	+138	+14	+2.0	-3.2	+90	+4.1	-3.5	-4.0	+0.8	+1.2	+19	-0.05	+1.00	+0.84	65%
Acc	61%	48%	83%	75%	74%	72%	73%	70%	63%	73%	35%	62%	62%	63%	63%	57%	65%	55%	50%	72%	72%	65%
Perc	68	47	86	81	4	11	6	7	78	53	85	4	76	98	96	28	75	54	21	79	19	58

Trait Observed: GL,CE,BWT,200WT,400WT(x2),SC,Scan(EMA,Rib,Rump,IMF),Structure(Claw Set x 1, Foot Angle x 1),Genomics

TransTasman Cattle Evaluation Mid April 2023 Reference Table - BREED AVERAGE EBV's																						
Breed Av.	Calving Ease				Growth				Fertility				Carcase				Other		Structural			
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DIC	CWT	EMA	Rib	P8	RBV	IMF	Doc	NFI-F	Claw	Foot	Leg
	+2.2	+2.6	-4.8	+4.1	+50	+90	+117	+100	+17	+2.1	-4.6	+66	+6.4	+0.0	-0.3	+0.5	+2.2	+20	+0.19	+0.84	+0.97	+1.03

**Lot 53 TWIN OAKS S243<sup>PV</sup> (HBR)**

**FTW21S243**

Mating Type: AI DOB: 27/08/2021 AMFU,CAFU,DDFU,NHFU

EF COMMANDO 1366<sup>PV</sup> WATTLETOP KIWI K15<sup>PV</sup>  
 SIRE: NMMP15 MILLAH MURRAH PARATROOPER P15<sup>PV</sup> DAM: NZE20149117N313 TWIN OAKS BLOSSOM N313<sup>PV</sup>  
 MILLAH MURRAH ELA M9<sup>PV</sup> TWIN OAKS BLOSSOM 57#



Structural Assessment								
Front View	Front Claw	Rear Claw	Front Feet Angle	Rear Feet Angle	Rear Side	Rear Hind	Sheath	Docility
5	6	4	6	6	5	7	5	1

Selection Index
\$PRO
\$137
62

TACE	Mid April 2023 TransTasman Angus Cattle Evaluation																					
	CALVING EASE				GROWTH				FERTILITY				CARCASE				OTHER		STRUCTURAL			
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DIC	CWT	EMA	Rib	P8	RBV	IMF	DOC	NFI-F	Claw	Foot	Leg
EBV	-0.7	+2.0	-3.6	+5.1	+61	+114	+145	+143	+17	+2.7	-4.5	+85	+3.1	-2.8	-2.2	+0.6	+0.8	+19	-0.39	+0.90	+1.00	65%
Acc	62%	48%	83%	75%	74%	73%	75%	70%	63%	74%	36%	62%	62%	63%	63%	57%	65%	53%	50%	73%	68%	65%
Perc	76	61	69	73	10	4	7	5	51	26	54	8	86	95	81	40	84	51	3	62	57	85

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

**Lot 54 TWIN OAKS S343<sup>PV</sup> (HBR)**

**FTW21S343**

Mating Type: AI DOB: 11/09/2021 AMFU,CAFU,DDFU,NHFU

EF COMMANDO 1366<sup>PV</sup> TWIN OAKS N060<sup>PV</sup>  
 SIRE: NMMP15 MILLAH MURRAH PARATROOPER P15<sup>PV</sup> DAM: NZE20149119Q362 TWIN OAKS WINIFRED Q362<sup>PV</sup>  
 MILLAH MURRAH ELA M9<sup>PV</sup> TWIN OAKS WINIFRED M367<sup>PV</sup>



Structural Assessment								
Front View	Front Claw	Rear Claw	Front Feet Angle	Rear Feet Angle	Rear Side	Rear Hind	Sheath	Docility
5	5	6	5	6	5	6	5	2.5

Selection Index
\$PRO
\$135
64

TACE	Mid April 2023 TransTasman Angus Cattle Evaluation																					
	CALVING EASE				GROWTH				FERTILITY				CARCASE				OTHER		STRUCTURAL			
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DIC	CWT	EMA	Rib	P8	RBV	IMF	DOC	NFI-F	Claw	Foot	Leg
EBV	-5.6	-0.7	+0.7	+5.8	+62	+111	+133	+131	+12	+1.2	-2.2	+81	+8.4	+0.7	+1.2	+0.3	+2.4	+24	-0.21	+0.70	+0.68	65%
Acc	61%	47%	83%	74%	73%	71%	72%	70%	61%	74%	35%	61%	61%	62%	62%	56%	64%	53%	50%	73%	73%	65%
Perc	93	82	99	84	7	6	18	10	89	82	95	13	25	31	23	60	41	32	10	21	3	38

Trait Observed: GL,CE,BWT,200WT,400WT(x2),SC,Scan(EMA,Rib,Rump,IMF),Structure(Claw Set x 1, Foot Angle x 1),Genomics

TransTasman Cattle Evaluation Mid April 2023 Reference Table - BREED AVERAGE EBV's																						
Breed Av.	Calving Ease				Growth				Fertility				Carcase				Other		Structural			
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DIC	CWT	EMA	Rib	P8	RBV	IMF	Doc	NFI-F	Claw	Foot	Leg
	+2.2	+2.6	-4.8	+4.1	+50	+90	+117	+100	+17	+2.1	-4.6	+66	+6.4	+0.0	-0.3	+0.5	+2.2	+20	+0.19	+0.84	+0.97	+1.03



**Lot 55 TWIN OAKS S379<sup>PV</sup> (HBR)**

**FTW21S379**

Mating Type: Natural DOB: 22/09/2021 AMFU,CAFU,DDFU,NHFU

SIRE: NZE20149019Q033 TWIN OAKS Q033<sup>PV</sup> TWIN OAKS FUCHSIA K228<sup>#</sup>  
 DAM: NZE20149117N105 TWIN OAKS IMMOGEN N105<sup>PV</sup> FLORIDALE IMOGEN<sup>#</sup>



Structural Assessment									Selection Index
Front View	Front Claw	Rear Claw	Front Feet Angle	Rear Feet Angle	Rear Side	Rear Hind	Sheath	Docility	\$PRO
									\$112
5	6	6	6	6	5	6	4	1.5	82

TACE	Mid April 2023 TransTasman Angus Cattle Evaluation																					
	CALVING EASE				GROWTH				FERTILITY				CARCASE				OTHER		STRUCTURAL			
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DIC	CWT	EMA	Rib	P8	RBV	IMF	DOC	NFI-F	Claw	Foot	Leg
EBV	-2.8	-2.4	-1.1	+4.6	+46	+90	+116	+89	+19	+1.7	-3.8	+63	+4.1	-0.7	-1.0	+0.4	+2.6	+21	-0.03	+0.98	+1.20	59%
Acc	52%	41%	66%	69%	70%	67%	69%	66%	58%	71%	31%	57%	56%	58%	58%	51%	61%	35%	46%	70%	71%	59%
Perc	86	90	94	62	70	52	53	70	35	65	74	60	76	64	62	53	36	45	23	76	91	31

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

**Lot 56 TWIN OAKS S301<sup>PV</sup> (HBR)**

**FTW21S301**

Mating Type: Natural DOB: 03/09/2021 AMFU,CAFU,DDFU,NHFU

SIRE: NZE20149019Q041 TWIN OAKS Q041<sup>PV</sup> TWIN OAKS ROSETTA N285<sup>PV</sup>  
 DAM: NZE20149119Q082 TWIN OAKS PEG Q082<sup>PV</sup> TWIN OAKS PEG K006<sup>SV</sup>



Structural Assessment									Selection Index
Front View	Front Claw	Rear Claw	Front Feet Angle	Rear Feet Angle	Rear Side	Rear Hind	Sheath	Docility	\$PRO
									\$156
4	6	6	6	7	5	5	5	1.5	42

TACE	Mid April 2023 TransTasman Angus Cattle Evaluation																					
	CALVING EASE				GROWTH				FERTILITY				CARCASE				OTHER		STRUCTURAL			
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DIC	CWT	EMA	Rib	P8	RBV	IMF	DOC	NFI-F	Claw	Foot	Leg
EBV	+2.5	+2.7	-4.9	+5.0	+50	+95	+127	+85	+23	+3.5	-4.0	+72	+9.7	-1.2	-2.5	+1.1	+2.4	+12	+0.70	+0.96	+0.92	61%
Acc	55%	42%	66%	71%	70%	68%	69%	67%	58%	72%	32%	58%	57%	59%	59%	52%	62%	36%	47%	71%	72%	61%
Perc	53	53	47	71	50	36	29	75	11	9	68	32	15	75	85	14	41	88	95	73	36	85

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

TransTasman Cattle Evaluation Mid April 2023 Reference Table - BREED AVERAGE EBV's																						
Breed Av.	Calving Ease				Growth				Fertility				Carcase				Other		Structural			
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DIC	CWT	EMA	Rib	P8	RBV	IMF	Doc	NFI-F	Claw	Foot	Leg
	+2.2	+2.6	-4.8	+4.1	+50	+90	+117	+100	+17	+2.1	-4.6	+66	+6.4	+0.0	-0.3	+0.5	+2.2	+20	+0.19	+0.84	+0.97	+1.03

**Lot 57 TWIN OAKS S175<sup>PV</sup> (HBR)**

**FTW21S175**

Mating Type: AI DOB: 20/08/2021 AMFU,CAFU,DDFU,NHFU

SIRE: NZE20149018P073 TWIN OAKS P073<sup>PV</sup> TWIN OAKS BREEZE M127<sup>PV</sup>  
 DAM: NZE20149118P306 TWIN OAKS BRAID P306<sup>PV</sup> TWIN OAKS BRAID M176<sup>PV</sup>



Structural Assessment									Selection Index
Front View	Front Claw	Rear Claw	Front Feet Angle	Rear Feet Angle	Rear Side	Rear Hind	Sheath	Docility	\$PRO
									\$122
5	6	5	6	6	5	6	5	1.5	75

TACE	Mid April 2023 TransTasman Angus Cattle Evaluation																					
	CALVING EASE				GROWTH				FERTILITY				CARCASE				OTHER		STRUCTURAL			
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DIC	CWT	EMA	Rib	P8	RBV	IMF	DOC	NFI-F	Claw	Foot	Leg
EBV	-3.6	+2.8	-2.7	+6.2	+53	+92	+116	+111	+10	+3.1	-4.7	+59	+3.8	+0.5	+0.5	+0.1	+1.0	+13	+0.30	+0.84	+0.88	60%
Acc	55%	44%	82%	74%	71%	70%	74%	69%	59%	73%	36%	59%	59%	61%	61%	54%	63%	39%	49%	71%	67%	60%
Perc	88	52	81	89	35	46	53	32	95	16	48	71	79	36	34	72	80	85	66	49	27	2

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

**Lot 58 TWIN OAKS S309<sup>PV</sup> (HBR)**

**FTW21S309**

Mating Type: Natural DOB: 04/09/2021 AMFU,CAFU,DDFU,NHFU

SIRE: NZE20149019Q041 TWIN OAKS Q041<sup>PV</sup> TWIN OAKS ROSETTA N285<sup>PV</sup>  
 DAM: NZE20149119Q194 TWIN OAKS BRONZE Q194<sup>PV</sup> TWIN OAKS BRONZE M4<sup>PV</sup>



Structural Assessment									Selection Index
Front View	Front Claw	Rear Claw	Front Feet Angle	Rear Feet Angle	Rear Side	Rear Hind	Sheath	Docility	\$PRO
									\$147
5	6	6	6	6	5	5	5	1.5	51

TACE	Mid April 2023 TransTasman Angus Cattle Evaluation																					
	CALVING EASE				GROWTH				FERTILITY				CARCASE				OTHER		STRUCTURAL			
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DIC	CWT	EMA	Rib	P8	RBV	IMF	DOC	NFI-F	Claw	Foot	Leg
EBV	+4.9	+5.1	-3.3	+3.5	+44	+94	+125	+120	+15	+2.8	-5.8	+69	+1.1	+1.1	+0.9	-0.6	+2.8	+14	+0.73	+0.86	+0.96	60%
Acc	55%	44%	67%	71%	71%	69%	70%	68%	59%	70%	34%	59%	58%	60%	60%	54%	63%	37%	48%	69%	70%	60%
Perc	32	28	73	37	78	40	33	20	70	23	20	41	96	24	27	95	31	79	96	53	46	93

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

TransTasman Cattle Evaluation Mid April 2023 Reference Table - BREED AVERAGE EBV's																						
Breed Av.	Calving Ease				Growth				Fertility				Carcase				Other		Structural			
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DIC	CWT	EMA	Rib	P8	RBV	IMF	Doc	NFI-F	Claw	Foot	Leg
	+2.2	+2.6	-4.8	+4.1	+50	+90	+117	+100	+17	+2.1	-4.6	+66	+6.4	+0.0	-0.3	+0.5	+2.2	+20	+0.19	+0.84	+0.97	+1.03



**Lot 59 TWIN OAKS S075<sup>PV</sup> (HBR)**

**FTW21S075**

**Mating Type:** AI **DOB:** 15/08/2021 **AMFU,CAFU,DDFU,NHFU**

SIRE: NMMP15 MILLAH MURRAH PARATROOPER P15<sup>PV</sup> DAM: NZE20149119Q342 TWIN OAKS QUEEN Q342<sup>SV</sup>  
 EF COMMANDO 1366<sup>PV</sup> TWIN OAKS N114<sup>PV</sup>  
 MILLAH MURRAH ELA M9<sup>PV</sup> GOLDWYN G157<sup>#</sup>



Structural Assessment									Selection Index
Front View	Front Claw	Rear Claw	Front Feet Angle	Rear Feet Angle	Rear Side	Rear Hind	Sheath	Docility	\$PRO
									\$147
4	6	6	6	6	5	4	5	1.5	52

TACE	Mid April 2023 TransTasman Angus Cattle Evaluation																					
	CALVING EASE				GROWTH				FERTILITY				CARCASS				OTHER		STRUCTURAL			
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DIC	CWT	EMA	Rib	P8	RBV	IMF	DOC	NFI-F	Claw	Foot	Leg
EBV	+0.9	+5.8	-6.7	+6.1	+60	+104	+130	+107	+20	+4.3	-4.5	+75	+0.6	-1.8	-1.5	-0.2	+2.6	+22	+0.21	+0.74	+0.92	65%
Acc	60%	46%	82%	75%	73%	72%	74%	69%	61%	74%	34%	60%	60%	62%	62%	55%	63%	52%	48%	73%	68%	65%
Perc	65	21	20	88	11	15	24	39	24	3	54	25	97	85	71	85	36	37	54	28	36	93

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

**Lot 60 TWIN OAKS S285<sup>PV</sup> (HBR)**

**FTW21S285**

**Mating Type:** Natural **DOB:** 02/09/2021 **AMFU,CAFU,DDFU,NHFU**

SIRE: NZE20149019Q143 TWIN OAKS Q143<sup>PV</sup> DAM: NZE20149119Q352 TWIN OAKS ANNA Q352<sup>PV</sup>  
 EXAR MONUMENTAL 6056B<sup>PV</sup> TWIN OAKS N141<sup>PV</sup>  
 TWIN OAKS BRAID N094<sup>PV</sup> TWIN OAKS ANNA N216<sup>PV</sup>



Structural Assessment									Selection Index
Front View	Front Claw	Rear Claw	Front Feet Angle	Rear Feet Angle	Rear Side	Rear Hind	Sheath	Docility	\$PRO
									\$161
5	6	5	6	6	5	4	5	1	36

TACE	Mid April 2023 TransTasman Angus Cattle Evaluation																					
	CALVING EASE				GROWTH				FERTILITY				CARCASS				OTHER		STRUCTURAL			
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DIC	CWT	EMA	Rib	P8	RBV	IMF	DOC	NFI-F	Claw	Foot	Leg
EBV	+5.8	+4.5	-7.4	+3.5	+48	+90	+109	+79	+15	+2.7	-4.8	+67	+2.8	+0.0	-0.3	-0.6	+4.0	+19	+0.77	+0.76	+1.00	63%
Acc	53%	41%	66%	70%	69%	67%	67%	66%	56%	71%	31%	56%	56%	58%	58%	50%	61%	32%	46%	72%	72%	63%
Perc	24	34	14	37	60	52	67	83	69	26	45	49	88	47	49	95	11	52	97	32	57	76

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

TransTasman Cattle Evaluation Mid April 2023 Reference Table - BREED AVERAGE EBV's																						
Breed Av.	Calving Ease				Growth				Fertility				Carcass				Other		Structural			
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DIC	CWT	EMA	Rib	P8	RBV	IMF	Doc	NFI-F	Claw	Foot	Leg
	+2.2	+2.6	-4.8	+4.1	+50	+90	+117	+100	+17	+2.1	-4.6	+66	+6.4	+0.0	-0.3	+0.5	+2.2	+20	+0.19	+0.84	+0.97	+1.03

**Lot 61 TWIN OAKS S129<sup>PV</sup> (HBR)**

**FTW21S129**

**Mating Type:** AI **DOB:** 18/08/2021 **AMFU,CAFU,DDFU,NHFU**

SIRE: NMMP15 MILLAH MURRAH PARATROOPER P15<sup>PV</sup> DAM: NZE20149116M240 TWIN OAKS BREEZE M240<sup>PV</sup>  
 EF COMMANDO 1366<sup>PV</sup> TWIN OAKS K065<sup>#</sup>  
 MILLAH MURRAH ELA M9<sup>PV</sup> TWIN OAKS BREEZE J129<sup>SV</sup>



Structural Assessment									Selection Index
Front View	Front Claw	Rear Claw	Front Feet Angle	Rear Feet Angle	Rear Side	Rear Hind	Sheath	Docility	\$PRO
									\$151
5	7	6	6	6	5	5	5	2	47

TACE	Mid April 2023 TransTasman Angus Cattle Evaluation																					
	CALVING EASE				GROWTH				FERTILITY				CARCASS				OTHER		STRUCTURAL			
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DIC	CWT	EMA	Rib	P8	RBV	IMF	DOC	NFI-F	Claw	Foot	Leg
EBV	+1.3	+3.8	-5.2	+6.0	+65	+116	+146	+147	+10	+2.7	-3.7	+84	+1.8	-1.2	-2.1	+0.5	+0.9	+24	-0.28	+1.10	+0.82	66%
Acc	62%	49%	82%	75%	74%	72%	75%	69%	63%	74%	35%	62%	62%	63%	63%	56%	65%	53%	50%	74%	69%	66%
Perc	62	42	42	87	4	3	6	3	96	26	76	9	93	75	80	47	82	33	6	91	16	38

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

TransTasman Cattle Evaluation Mid April 2023 Reference Table - BREED AVERAGE EBV's																						
Breed Av.	Calving Ease				Growth				Fertility				Carcass				Other		Structural			
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DIC	CWT	EMA	Rib	P8	RBV	IMF	Doc	NFI-F	Claw	Foot	Leg
	+2.2	+2.6	-4.8	+4.1	+50	+90	+117	+100	+17	+2.1	-4.6	+66	+6.4	+0.0	-0.3	+0.5	+2.2	+20	+0.19	+0.84	+0.97	+1.03





KEY

Shading for traits in the top 25% of Breed

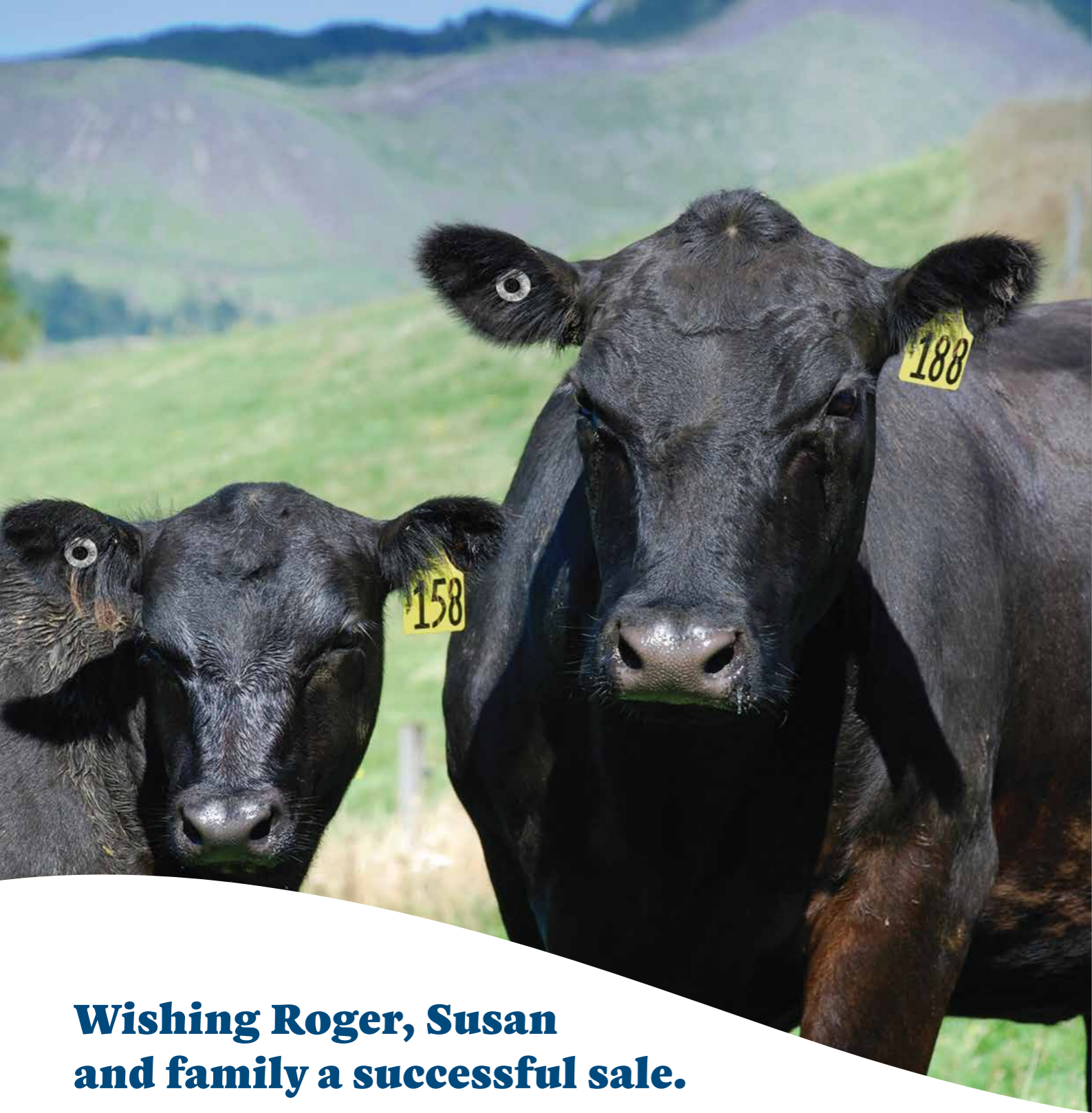
Shading for traits in the top 50% of Breed

MCW are highlighted where they are lower than the 600 Day weight.

NAME / ID	CALVING EASE			GROWTH & MATERNAL			
	CE DIR	CE DTRS	BWT	200	400	600	MWT
1 TWIN OAKS S015	+11.4	+9.9	+0.6	+53	+100	+123	+93
2 TWIN OAKS S123	+4.9	+4.7	+5.1	+51	+93	+129	+103
3 TWIN OAKS S089	+2.7	+4.6	+4.9	+56	100	+131	+106
4 TWIN OAKS S211	+4.5	+6.3	+3.2	+51	89	+109	+87
5 TWIN OAKS S033	+8.6	+5.0	+2.6	+56	102	+122	+99
6 TWIN OAKS S055	+6.8	+6.9	+1.8	+46	92	+115	+78
7 TWIN OAKS S193	+1.3	+4.4	+4.8	+58	+103	+135	+126
8 TWIN OAKS S003	+2.5	+3.9	+3.9	+67	+108	+138	+120
9 TWIN OAKS S127	-2.0	+4.1	+6.3	+67	+112	+143	+127
10 TWIN OAKS S121	+5.7	+1.5	+3.0	+51	+92	+124	+104
11 TWIN OAKS S143	+5.3	+6.5	+4.2	+66	+118	+151	+119
12 TWIN OAKS S287	+10.7	+9.6	+0.7	+51	+98	+130	+111
13 TWIN OAKS S151	+5.8	+8.3	+2.3	+51	+94	+116	+98
14 TWIN OAKS S027	-0.2	+4.9	+5.5	+58	+97	+120	+107
15 TWIN OAKS S081	+5.5	+7.1	+2.4	+51	+94	+124	+107
16 TWIN OAKS S275	+7.9	+8.7	+3.2	+64	+111	+147	+140
17 TWIN OAKS S019	+2.7	+6.3	+5.3	+58	+98	+121	+110
18 TWIN OAKS S145	+6.8	+4.8	+1.9	+46	+86	+108	+84
19 TWIN OAKS S199	+7.6	+6.1	+2.4	+47	+89	+110	+86
20 TWIN OAKS S323	+11.6	+9.0	-0.5	+42	+82	+104	+86
21 TWIN OAKS S247	+7.7	+6.4	+2.6	+48	+92	+123	+104
22 TWIN OAKS S197	+10.1	+9.9	+1.8	+51	+97	+119	+95
23 TWIN OAKS S281	+8.0	+10.3	+2.5	+62	+106	+133	+98
24 TWIN OAKS S017	+6.1	+6.3	+1.9	+49	+92	+115	+104
25 TWIN OAKS S031	+6.8	+8.6	+3.2	+52	+93	+122	+99
26 TWIN OAKS S179	-0.6	-1.6	+6.4	+69	+125	+167	+147
27 TWIN OAKS S005	+1.2	+1.1	+6.7	+62	+102	+137	+126
28 TWIN OAKS S139	+1.7	+6.9	+3.7	+65	+113	+147	+142
29 TWIN OAKS S013	+5.8	+7.2	+4.0	+65	+111	+136	+124
30 TWIN OAKS S133	-4.4	-6.6	+6.6	+63	+107	+147	+141
31 TWIN OAKS S231	+3.5	+7.9	+5.7	+61	+105	+134	+139
32 TWIN OAKS S331	+4.4	+6.2	+4.7	+56	+98	+129	+105
33 TWIN OAKS S009	+2.5	+3.4	+4.4	+65	+117	+148	+134
34 TWIN OAKS S007	+2.3	+6.6	+4.8	+63	+111	+135	+127
35 TWIN OAKS S251	+1.0	+5.9	+5.7	+60	+102	+124	+114
36 TWIN OAKS S189	-1.0	-1.4	+5.1	+63	+109	+144	+125
37 TWIN OAKS S367	+6.2	+5.1	+2.8	+46	+94	+118	+91
38 TWIN OAKS S187	+3.1	+4.9	+5.5	+56	+93	+120	+88
39 TWIN OAKS S321	-2.3	+2.9	+3.8	+56	+102	+124	+93
40 TWIN OAKS S327	+2.3	+4.8	+5.7	+56	+98	+119	+103
41 TWIN OAKS S273	-0.2	+3.8	+4.6	+48	+89	+109	+103
42 TWIN OAKS S372	+3.8	+4.7	+3.9	+54	+94	+114	+101
43 TWIN OAKS S137	-0.8	+2.2	+4.2	+45	+82	+102	+76
44 TWIN OAKS S225	-0.4	-0.7	+2.8	+49	+92	+118	+97
45 TWIN OAKS S095	+1.5	-1.6	+4.8	+58	+99	+122	+108
46 TWIN OAKS S371	+6.0	+5.0	+1.1	+39	+79	+98	+88
47 TWIN OAKS S161	+8.0	+5.3	+1.5	+51	+89	+105	+83
48 TWIN OAKS S341	+4.6	+8.0	+3.6	+54	+97	+131	+100
49 TWIN OAKS S311	+1.1	+1.7	+5.2	+50	+90	+112	+79
50 TWIN OAKS S303	-1.2	-3.5	+4.4	+46	+77	+100	+83
51 TWIN OAKS S355	+9.0	+10.7	+2.6	+45	+84	+110	+79
52 TWIN OAKS S215	+0.6	+3.3	+5.6	+66	+107	+147	+138
53 TWIN OAKS S243	-0.7	+2.0	+5.1	+61	+114	+145	+143
54 TWIN OAKS S343	-5.6	-0.7	+5.8	+62	+111	+133	+131
55 TWIN OAKS S379	-2.8	-2.4	+4.6	+46	+90	+116	+89
56 TWIN OAKS S301	+2.5	+2.7	+5.0	+50	+95	+127	+85
57 TWIN OAKS S175	-3.6	+2.8	+6.2	+53	+92	+116	+111
58 TWIN OAKS S309	+4.9	+5.1	+3.5	+44	+94	+125	+120
59 TWIN OAKS S075	+0.9	+5.8	+6.1	+60	+104	+130	+107
60 TWIN OAKS S285	+5.8	+4.5	+3.5	+48	+90	+109	+79
61 TWIN OAKS S129	+1.3	+3.8	+6.0	+65	+116	+146	+147

DC	FERTILITY				CARCASE					INDEX
	SS	DOC	CWT	EMA	RIB	P8	RBY	IMF	\$PRO	
-4.5	+2.9	+26	+72	+2.9	-0.4	-1.1	-0.3	+3.4	\$168	A+
-4.3	+1.2	+24	+71	+4.4	-0.5	-2.5	-0.1	+4.4	\$156	A+
-1.9	+2.2	+22	+70	+12.0	-0.3	+0.1	+0.5	+3.2	\$152	A+
-4.8	+1.1	+19	+68	+6.8	+0.5	+0.7	-0.2	+3.3	\$167	A+
-4.6	+3.2	+13	+72	+7.8	+0.7	+1.1	+0.3	+2.6	\$187	A+
-4.7	+1.9	+26	+59	+2.2	+3.4	+3.8	-0.5	+1.5	\$143	A
-5.0	+2.4	+22	+85	+2.8	-0.3	+1.1	-0.6	+3.2	\$150	A+
-4.3	+2.0	+10	+94	+7.4	-3.0	-3.1	+0.6	+1.2	\$150	A
-2.8	+0.9	+19	+89	+7.2	-1.9	-2.7	+0.2	+1.7	\$134	A
-3.4	+2.6	+22	+75	+3.6	-0.8	-1.8	+0.2	+2.7	\$124	A
-4.1	+3.2	+12	+93	+11.0	-2.8	-2.7	+1.1	+1.8	\$196	A
-3.3	+3.0	+18	+79	+0.9	+2.4	+1.6	-1.1	+2.5	\$143	A+
-7.2	+4.2	+9	+63	+2.7	+2.9	+3.4	-1.1	+3.2	\$188	A+
-2.7	+0.9	+20	+74	+3.4	+0.3	+0.6	+0.5	+0.1	\$116	A
-4.2	+1.5	+15	+75	+0.9	+0.6	+0.6	-0.7	+2.6	\$147	A+
-5.5	+5.1	+16	+86	+4.3	-0.6	-1.3	+0.2	+1.7	\$176	A
-3.6	+1.9	+26	+65	+4.1	-0.5	-2.0	+0.6	+0.9	\$136	A
-4.0	+1.9	+14	+70	+4.4	+4.0	+6.3	-0.8	+2.2	\$147	A+
-3.2	+2.2	+25	+58	+8.8	+1.3	+1.0	+0.4	+2.0	\$155	A
-4.2	+3.1	+12	+61	+4.4	+0.4	+0.3	-0.1	+3.5	\$156	A+
-3.5	+2.0	+15	+67	+3.0	+0.1	-0.1	+0.1	+2.4	\$135	A+
-4.3	+3.6	+24	+66	+5.6	+0.1	-0.7	-0.2	+3.6	\$176	A+
-4.9	+3.8	+24	+78	+7.7	+0.0	-0.2	-0.1	+2.9	\$206	A+
-3.4	+2.1	+22	+66	+4.5	-1.9	-2.2	+0.7	+1.3	\$118	A
-2.0	+2.1	+22	+71	+7.6	-0.7	-1.4	+0.5	+2.3	\$134	A
-4.6	+2.3	+6	+100	+7.7	+1.0	+2.0	-0.1	+1.1	\$185	A
-6.0	+2.8	+27	+74	+4.4	-1.0	-1.4	+0.9	+0.3	\$162	A
-3.6	+2.8	+20	+83	+7.1	-3.2	-4.4	+0.8	+1.6	\$156	A
-4.3	+2.1	+16	+88	+5.4	-1.0	-2.0	+0.4	+1.2	\$175	A
-3.8	+2.2	+13	+73	+2.4	-1.1	-0.9	-0.2	+2.4	\$125	A
-3.5	+2.1	+22	+72	-0.4	-1.3	-2.4	-0.3	+2.7	\$146	A+
-5.9	+3.6	+11	+80	+3.4	-1.5	+0.0	-0.1	+2.7	\$186	A+
-3.5	+4.5	+22	+88	+2.3	-3.5	-3.9	+0.5	+1.5	\$135	A
-5.1	+0.8	+22	+89	+6.9	-3.5	-5.3	+1.0	+0.9	\$163	A
-5.3	+2.5	+14	+69	+3.5	+2.7	+2.4	-0.7	+1.2	\$165	A
-3.2	+3.0	+26	+81	+7.3	-1.8	-1.9	+0.5	+2.6	\$148	A+
-6.9	+3.8	+16	+74	-1.9	+2.6	+3.4	-1.7	+4.6	\$173	A+
-4.8	+2.7	+24	+72	+3.9	+0.2	+0.2	+0.0	+1.1	\$144	A
-4.3	+3.1	+20	+78	+7.2	-0.9	-0.4	+0.6	+0.7	\$135	A
-6.4	+3.5	+20	+73	+5.1	+0.0	+0.5	-0.3	+3.2	\$186	A+
-5.8	+3.3	+27	+64	+1.0	+0.5	-1.1	+0.0	+1.1	\$115	A
-2.6	+1.6	+13	+61	+7.0	-0.5	-0.4	+0.4	+2.1	\$143	A
-4.9	+1.8	+12	+52	+13.3	+0.9	+1.5	+1.1	+2.6	\$162	A+
-3.1	+1.1	+32	+56	+3.1	+1.0	+1.5	-0.6	+3.9	\$129	A
-4.6	+2.5	+11	+60	+7.0	+0.7	+2.0	+0.3	+1.8	\$162	A
-4.1	+1.3	+14	+57	+5.6	+3.1	+3.8	-1.1	+4.9	\$151	A+
-5.1	+2.2	+19	+62	+6.1	+2.6	+2.7	-0.2	+2.9	\$172	A+
-5.9	+2.9	+11	+85	+2.4	+0.3	+0.7	-0.8	+4.9	\$199	A+
-5.1	+2.0	+17	+63	+12.6	-0.4	+0.1	+1.1	+2.3	\$188	A+
-5.4	+2.7	+12	+56	+7.5	+1.5	+2.3	+0.4	+1.9	\$136	A
-6.7	+4.0	+26	+63	+4.7	+1.2	+2.2	-0.2	+2.7	\$198	A+
-3.2	+2.0	+19	+90	+4.1	-3.5	-4.0	+0.8	+1.2	\$138	A
-4.5	+2.7	+19	+85	+3.1	-2.8	-2.2	+0.6	+0.8	\$137	A
-2.2	+1.2	+24	+81	+8.4	+0.7	+1.2	+0.3	+2.4	\$135	A+
-3.8	+1.7	+21	+63	+4.1	-0.7	-1.0	+0.4	+2.6	\$112	
-4.0	+3.5	+12	+72	+9.7	-1.2	-2.5	+1.1	+2.4	\$156	A+
-4.7	+3.1	+13	+59	+3.8	+0.5	+0.5	+0.1	+1.0	\$122	A
-5.8	+2.8	+14	+69	+1.1	+1.1	+0.9	-0.6	+2.8	\$147	A+
-4.5	+4.3	+22	+75	+0.6	-1.8	-1.5	-0.2	+2.6	\$147	A+
-4.8	+2.7	+19	+67	+2.8	+0.0	-0.3	-0.6	+4.0	\$161	A+
-3.7	+2.7	+24	+84	+1.8	-1.2	-2.1	+0.5	+0.9	\$151	A





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## 2023 REFERENCE SIRES



MILLAH MURRAH  
PARATROPPER

BJS



GENEX

GAR ASHLAND



TWIN OAKS P73



TWIN OAKS P183



TWIN OAKS RAMBO Q187



**RS MILLAH MURRAH PARATROOPER P15<sup>PV</sup> (HBR) NMMP15**

**Mating Type:** AI **DOB:** 29/01/2018 **AMF,CAF,DDF,NHF,DWF,MAF,MHF,OHF,OSF,RGF**

EF COMPLEMENT 8088<sup>PV</sup> MILLAH MURRAH HIGHLANDER G18<sup>SV</sup>  
**SIRE:** EF COMMANDO 1366<sup>PV</sup> **DAM:** MILLAH MURRAH ELA M9<sup>PV</sup>  
 RIVERBEND YOUNG LUCY W1470<sup>#</sup> MILLAH MURRAH ELA K127<sup>SV</sup>

Millah Murrah Paratrooper - we are excited to offer the first sons in New Zealand sired buy this powerful, complete sire. We were at the sale when this legendary bull came under the hammer and were part of the syndicate who were underbidders at \$160,000. He impressed us with his strength and carcass, as well as the strong maternal side of his pedigree. At Twin Oaks he is breeding consistently powerful progeny with muscle and constitution. He is leaving the phenotype and structure we have been striving for.

Selection Index
\$PRO
\$192
10



TACE	Mid April 2023 TransTasman Angus Cattle Evaluation																					
	CALVING EASE				GROWTH				FERTILITY			CARCASS					OTHER		STRUCTURAL			
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DtC	CWT	EMA	Rib	P8	RBY	IMF	DOC	NFI-F	Claw	Foot	Leg
EBV	+7.3	+7.4	-9.0	+3.2	+67	+116	+146	+120	+24	+3.1	-4.4	+90	+7.4	-1.5	-2.2	+0.5	+2.3	+21	+0.12	+0.84	+0.82	95%
Acc	90%	68%	99%	99%	98%	98%	98%	90%	82%	98%	50%	83%	85%	84%	84%	78%	83%	98%	63%	97%	96%	95%
Perc	14	9	5	30	3	3	7	20	8	16	57	4	35	81	81	47	44	41	42	49	16	45

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

**RS G A R ASHLAND<sup>PV</sup> (HBR) USA18217198**

**Mating Type:** Natural **DOB:** 31/01/2015 **AMF,CAF,DDF,NHF**

G A R DAYLIGHT<sup>#</sup> B/R AMBUSH 28<sup>#</sup>  
**SIRE:** G A R EARLY BIRD<sup>#</sup> **DAM:** CHAIR ROCK AMBUSH 1018<sup>#</sup>  
 G A R PROGRESS 830<sup>#</sup> G A R YIELD GRADE N366<sup>#</sup>

Ashland has an amazing combination of genomics, performance data and phenotype. He offers true muscle shape and body depth in a structurally sound package. We viewed Ashland in 2018 in Montana, we were very impressed with his structural soundness and power.

Selection Index
\$PRO
\$202
6



TACE	Mid April 2023 TransTasman Angus Cattle Evaluation																					
	CALVING EASE				GROWTH				FERTILITY			CARCASS					OTHER		STRUCTURAL			
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DtC	CWT	EMA	Rib	P8	RBY	IMF	DOC	NFI-F	Claw	Foot	Leg
EBV	+1.0	+3.8	-6.4	+3.4	+68	+117	+148	+122	+16	+1.5	-3.0	+83	+13.3	-3.0	-3.0	+1.3	+3.2	+8	-0.06	+1.26	+1.08	95%
Acc	94%	78%	99%	99%	99%	99%	99%	97%	94%	98%	54%	93%	92%	91%	90%	86%	91%	98%	72%	99%	99%	95%
Perc	65	42	24	34	2	3	5	17	56	72	88	11	3	96	89	9	22	95	20	99	74	5

Trait Observed: Genomics

**RS KAKAHU KEYSTONE 14468<sup>#</sup> (HBR) NZE13300014468**

**Mating Type:** AI **DOB:** 02/09/2014 **AMFU,CAFU,DDFU,NHFU**

GARDENS PRIME STAR<sup>#</sup> MYTTY IN FOCUS<sup>#</sup>  
**SIRE:** KC HAAS GPS<sup>#</sup> **DAM:** LAWSONS ANGUS NZ 08345<sup>#</sup>  
 KCH ELINE 549<sup>#</sup> LAWSONS FSB NEW DESIGN 1407 Y1925<sup>#</sup>

At Twin Oaks, Keystone seems to be turning into our Mr Consistency. He now has over 100 daughters on the ground. With bullet proof data, his sons and daughters are breeding exactly as we thought they would.

Selection Index
\$PRO
\$215
3



TACE	Mid April 2023 TransTasman Angus Cattle Evaluation																					
	CALVING EASE				GROWTH				FERTILITY			CARCASS					OTHER		STRUCTURAL			
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DtC	CWT	EMA	Rib	P8	RBY	IMF	DOC	NFI-F	Claw	Foot	Leg
EBV	+10.8	+11.8	-6.7	+2.1	+47	+86	+107	+89	+8	+4.9	-6.4	+58	+6.3	+1.4	+1.2	-0.9	+5.1	+29	+0.88	+1.24	+1.32	79%
Acc	87%	76%	96%	98%	97%	97%	97%	96%	95%	96%	65%	90%	89%	90%	90%	87%	88%	85%	72%	87%	88%	79%
Perc	2	1	20	13	64	63	72	70	98	1	11	76	49	19	23	98	3	15	99	98	98	85

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

**RS TWIN OAKS FUNK Q077<sup>PV</sup> (HBR) NZE20149019Q077**

**Mating Type:** Natural **DOB:** 20/08/2019 **AMF,CAF,DDF,NHF,DWF,MAF,MHF,OHF,OSF,RGF**

3F EPIC 4631<sup>#</sup> MATAURI COMPLETE F010<sup>#</sup>  
**SIRE:** EXAR MONUMENTAL 6056B<sup>PV</sup> **DAM:** TWIN OAKS VERA K188<sup>E</sup>  
 FWY 7008 OF C085 4029<sup>#</sup> GOLDWYN F412<sup>#</sup>

Funk was our keeper bull from the 2021 June sale. We have used him naturally and with AI. His powerful maternal traits along with IMF in the top 10% of the breed are a true highlight. He has since been sold to Matauri Angus Northland.

Selection Index
\$PRO
\$181
17



TACE	Mid April 2023 TransTasman Angus Cattle Evaluation																					
	CALVING EASE				GROWTH				FERTILITY			CARCASS					OTHER		STRUCTURAL			
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DtC	CWT	EMA	Rib	P8	RBY	IMF	DOC	NFI-F	Claw	Foot	Leg
EBV	+13.0	+9.7	-10.1	-1.8	+41	+83	+90	+62	+14	+1.9	-4.2	+50	+8.2	+2.9	+3.4	-0.5	+4.1	+22	+0.79	+1.00	+0.78	70%
Acc	70%	50%	93%	92%	89%	84%	83%	79%	67%	80%	38%	72%	66%	69%	68%	62%	69%	80%	52%	78%	79%	70%
Perc	1	2	2	1	87	71	93	95	75	57	63	90	27	5	5	93	10	38	97	79	11	1

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



RS

TWIN OAKS P073<sup>PV</sup> (HBR)

NZE20149018P073

Mating Type: Natural DOB: 23/08/2018 AMF,CAF,DDF,NHF,DWF,MAF,MHF,OHF,OSF,RGF

CONNEALY CAPITALIST 028<sup>#</sup>

G A R PROPHECY<sup>SV</sup>

SIRE: LD CAPITALIST 316<sup>PV</sup>

DAM: TWIN OAKS BREEZE M127<sup>PV</sup>

LD DIXIE ERICA 2053<sup>#</sup>

TWIN OAKS J109<sup>#</sup>

Selection Index
\$PRO
\$187
14



Twin Oaks P073 sold to Wilkins Farming, Southland for \$18000 in 2020. By the super sire LD Capitalist he is a bull that has great carcass attributes as well as plenty of calving ease.

Mid April 2023 TransTasman Angus Cattle Evaluation																						
CALVING EASE				GROWTH				FERTILITY			CARCASS						OTHER		STRUCTURAL			
CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DtC	CWT	EMA	Rib	P8	RBY	IMF	DOC	NFI-F	Claw	Foot	Leg	
EBV	+9.7	+8.2	-0.2	+3.3	+51	+89	+115	+96	+12	+3.3	-5.2	+60	+5.9	+1.5	+1.6	+0.2	+1.9	+20	+0.60	+0.74	+0.92	75%
Acc	73%	60%	78%	91%	88%	89%	89%	84%	72%	86%	52%	76%	76%	76%	72%	76%	66%	60%	81%	81%	75%	
Perc	4	6	97	32	43	54	56	58	90	12	34	68	54	17	18	66	55	48	91	28	36	3

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

RS

TWIN OAKS P183<sup>PV</sup> (HBR)

NZE20149018P183

Mating Type: Natural DOB: 30/08/2018 AMF,CAF,DDF,NHF,DWF,MAF,MHF,OHF,OSF,RGF

CONNEALY CAPITALIST 028<sup>#</sup>

MUSGRAVE BIG SKY<sup>PV</sup>

SIRE: LD CAPITALIST 316<sup>PV</sup>

DAM: TWIN OAKS VALENTINE M52<sup>PV</sup>

LD DIXIE ERICA 2053<sup>#</sup>

TWIN OAKS VALENTINE K036<sup>SV</sup>

Selection Index
\$PRO
\$203
6



P183 topped the 2020 sale, selling for a \$40,000 to Wilkins Farming, Southland. A LD Captialist son, this bull has calving ease, growth, positive fats, and a carcass weight of 80. We have used P183 in our AI programme extensively at Twin Oaks.

Mid April 2023 TransTasman Angus Cattle Evaluation																						
CALVING EASE				GROWTH				FERTILITY			CARCASS						OTHER		STRUCTURAL			
CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DtC	CWT	EMA	Rib	P8	RBY	IMF	DOC	NFI-F	Claw	Foot	Leg	
EBV	+6.7	+7.1	-2.9	+2.8	+61	+106	+132	+103	+17	+2.9	-6.3	+81	+5.1	+1.2	+0.8	-0.2	+1.7	+10	+0.06	+1.00	+1.08	76%
Acc	76%	61%	94%	94%	92%	90%	91%	84%	72%	88%	53%	77%	76%	77%	77%	72%	76%	85%	61%	82%	81%	76%
Perc	17	11	78	23	10	11	20	46	55	21	12	13	64	22	29	85	61	92	34	79	74	31

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



TWIN OAKS Q209



TWIN OAKS Q095



TWIN OAKS Q109



TWIN OAKS Q143



TWIN OAKS Q023



**RS TWIN OAKS Q023<sup>PV</sup> (HBR)**

**NZE20149019Q023**

**Mating Type:** Natural **DOB:** 16/08/2019 **AMF,CAF,DDF,NHF**

3F EPIC 4631<sup>#</sup>

TE MANIA 11 465<sup>SV</sup>

**SIRE:** EXAR MONUMENTAL 6056B<sup>PV</sup>

**DAM:** TWIN OAKS KOWKAN298<sup>PV</sup>

FWY 7008 OF C085 4029<sup>#</sup>

TWIN OAKS KOWKA G112<sup>#</sup>

Q023 sold to Whangara Angus stud, Gisborne, in the 2021 June bull sale. He has amazing calving ease and birth weight in the top 1% combining with fats again in the top 1% and IMF top 4%.

Selection Index
\$PRO
\$170
27

**A+**

TACE	Mid April 2023 TransTasman Angus Cattle Evaluation																					
	CALVING EASE				GROWTH				FERTILITY			CARCASS					OTHER		STRUCTURAL			
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DtC	CWT	EMA	Rib	P8	RBY	IMF	DOC	NFI-F	Claw	Foot	Leg
EBV	+11.8	+9.1	-5.4	-1.9	+34	+74	+86	+59	+17	+1.5	-6.0	+56	+0.3	+5.8	+6.9	-2.0	+4.9	+23	+0.67	+0.96	+1.04	67%
Acc	67%	50%	73%	89%	81%	80%	80%	76%	66%	79%	37%	68%	65%	67%	61%	68%	52%	51%	75%	76%	67%	
Perc	1	3	39	1	97	90	96	96	52	72	17	79	98	1	1	99	4	36	94	73	66	25

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

**RS TWIN OAKS Q033<sup>PV</sup> (HBR)**

**NZE20149019Q033**

**Mating Type:** Natural **DOB:** 17/08/2019 **AMF,CAF,DDF,NHF**

G A R MOMENTUM<sup>PV</sup>

TE MANIA 11 465<sup>SV</sup>

**SIRE:** TWIN OAKS N074<sup>PV</sup>

**DAM:** TWIN OAKS FUCHSIA K228<sup>#</sup>

TWIN OAKS BELL K085<sup>#</sup>

TWIN OAKS FUCHSIA H22<sup>#</sup>

Q033 had great strength and stature. Out of a fantastic Te Mania 11 465 daughter.

Selection Index
\$PRO
\$89
92

TACE	Mid April 2023 TransTasman Angus Cattle Evaluation																					
	CALVING EASE				GROWTH				FERTILITY			CARCASS					OTHER		STRUCTURAL			
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DtC	CWT	EMA	Rib	P8	RBY	IMF	DOC	NFI-F	Claw	Foot	Leg
EBV	-6.7	-10.2	-2.6	+5.9	+46	+89	+108	+81	+22	+0.8	-3.1	+60	+5.4	+0.6	+1.7	+0.0	+3.1	+23	+0.29	+0.92	+1.02	61%
Acc	59%	46%	69%	79%	77%	77%	77%	72%	62%	75%	37%	65%	60%	63%	63%	57%	64%	38%	50%	72%	73%	61%
Perc	95	99	82	85	70	55	70	81	14	91	87	69	61	33	17	77	24	33	64	66	61	25

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

**RS TWIN OAKS Q041<sup>PV</sup> (HBR)**

**NZE20149019Q041**

**Mating Type:** Natural **DOB:** 17/08/2019 **AMF,CAF,DDF,NHF**

AYRVALE BARTEL E7<sup>PV</sup>

TWIN OAKS L83<sup>#</sup>

**SIRE:** BEN NEVIS METAMORPHIC M51<sup>SV</sup>

**DAM:** TWIN OAKS ROSETTA N285<sup>PV</sup>

BEN NEVIS JEAN K80<sup>#</sup>

TWIN OAKS ROSETTA L197<sup>#</sup>

Q041 was purchased by the Craigie Farming, Glenorchy, for \$15,000

Selection Index
\$PRO
\$166
31

**A+**

TACE	Mid April 2023 TransTasman Angus Cattle Evaluation																					
	CALVING EASE				GROWTH				FERTILITY			CARCASS					OTHER		STRUCTURAL			
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DtC	CWT	EMA	Rib	P8	RBY	IMF	DOC	NFI-F	Claw	Foot	Leg
EBV	+7.0	+4.6	-1.0	+2.9	+48	+92	+125	+98	+22	+2.4	-5.5	+79	+2.5	+0.9	+1.4	-0.1	+2.6	+5	+0.54	+1.04	+1.22	69%
Acc	68%	53%	72%	86%	84%	84%	83%	78%	67%	84%	42%	71%	70%	72%	71%	66%	71%	49%	55%	78%	78%	69%
Perc	15	33	94	25	59	45	32	55	17	37	27	17	90	27	20	81	36	98	88	85	93	93

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

**RS TWIN OAKS Q109<sup>PV</sup> (HBR)**

**NZE20149019Q109**

**Mating Type:** Natural **DOB:** 23/08/2019 **AMF,CAF,DDF,NHF**

3F EPIC 4631<sup>#</sup>

MATAURI OUTLIER F031<sup>SV</sup>

**SIRE:** EXAR MONUMENTAL 6056B<sup>PV</sup>

**DAM:** TWIN OAKS K142<sup>SV</sup>

FWY 7008 OF C085 4029<sup>#</sup>

GOLDWYN E333<sup>#</sup>

Q109 sold to Parengarenga Station, Far North. For \$8500 in the 2021 June sale

Selection Index
\$PRO
\$135
64

**A+**

TACE	Mid April 2023 TransTasman Angus Cattle Evaluation																					
	CALVING EASE				GROWTH				FERTILITY			CARCASS					OTHER		STRUCTURAL			
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DtC	CWT	EMA	Rib	P8	RBY	IMF	DOC	NFI-F	Claw	Foot	Leg
EBV	+4.8	+5.7	-8.8	+3.8	+57	+105	+138	+139	+12	+3.5	-3.3	+76	+1.3	-0.2	-2.3	-0.5	+2.9	+20	+0.20	+0.82	+0.92	68%
Acc	63%	49%	73%	81%	79%	78%	80%	76%	67%	79%	40%	69%	66%	68%	68%	62%	69%	51%	52%	76%	77%	68%
Perc	33	22	5	44	19	13	13	6	86	9	84	23	95	52	82	93	29	46	52	44	36	31

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



**RS TWIN OAKS Q117<sup>PV</sup> (HBR)**

**NZE20149019Q117**

**Mating Type:** Natural **DOB:** 23/08/2019 **AMF,CAF,DDF,NHF**

AYRVALE BARTEL E7<sup>PV</sup>

TE MANIA 11 465<sup>SV</sup>

**SIRE:** BEN NEVIS METAMORPHIC M51<sup>SV</sup>

**DAM:** TWIN OAKS MOANA N331<sup>PV</sup>

BEN NEVIS JEAN K80<sup>#</sup>

TWIN OAKS MOANA J028<sup>SV</sup>

MT Creighton Station, Glenorchy, purchased Q117 in June 2021.

Selection Index
\$PRO
\$163
33

**A+**

TACE	Mid April 2023 TransTasman Angus Cattle Evaluation																					
	CALVING EASE				GROWTH				FERTILITY		CARCASE						OTHER		STRUCTURAL			
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DtC	CWT	EMA	Rib	P8	RBY	IMF	DOC	NFI-F	Claw	Foot	Leg
EBV	-0.1	+1.4	-4.9	+5.0	+56	+95	+127	+107	+21	+2.0	-5.4	+81	+7.7	-0.1	+0.5	+0.3	+2.6	+1	+0.29	+1.04	+1.16	70%
Acc	65%	53%	72%	82%	81%	80%	81%	76%	67%	81%	43%	70%	68%	70%	69%	64%	70%	53%	55%	76%	77%	70%
Perc	72	66	47	71	22	35	29	39	22	53	29	13	32	50	34	60	36	99	64	85	87	45

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

**RS TWIN OAKS Q143<sup>PV</sup> (HBR)**

**NZE20149019Q143**

**Mating Type:** Natural **DOB:** 26/08/2019 **AMF,CAF,DDF,NHF**

3F EPIC 4631<sup>#</sup>

KAKAHU KEYSTONE 14468<sup>#</sup>

**SIRE:** EXAR MONUMENTAL 6056B<sup>PV</sup>

**DAM:** TWIN OAKS BRAID N094<sup>PV</sup>

FWY 7008 OF C085 4029<sup>#</sup>

TWIN OAKS BRAID J035<sup>SV</sup>

Q143 now lives in the Rollesby valley, purchased by Dion and Lou Anderson. A EXAR Monumnetal son out of Keystone cow. He holds a +5.0 IMF figure which places him in the top 4% of the breed.

Selection Index
\$PRO
\$165
31

**A+**

TACE	Mid April 2023 TransTasman Angus Cattle Evaluation																					
	CALVING EASE				GROWTH				FERTILITY		CARCASE						OTHER		STRUCTURAL			
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DtC	CWT	EMA	Rib	P8	RBY	IMF	DOC	NFI-F	Claw	Foot	Leg
EBV	+8.9	+8.0	-7.3	+1.9	+45	+83	+106	+95	+10	+1.9	-4.3	+61	+2.4	+1.6	+1.8	-1.1	+5.0	+21	+0.82	+1.16	+1.34	67%
Acc	65%	50%	74%	81%	79%	79%	80%	75%	66%	80%	38%	68%	67%	68%	68%	62%	69%	51%	52%	78%	78%	67%
Perc	6	7	14	11	75	72	75	59	94	57	60	66	90	16	15	99	4	43	98	95	98	38

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

**RS TWIN OAKS Q209<sup>PV</sup> (HBR)**

**NZE20149019Q209**

**Mating Type:** Natural **DOB:** 06/09/2019 **AMF,CAF,DDFU,NHFU**

G A R PROGRESS<sup>SV</sup>

G A R PROPHECY<sup>SV</sup>

**SIRE:** G A R MOMENTUM<sup>PV</sup>

**DAM:** TWIN OAKS BRAID M44<sup>PV</sup>

G A R BIG EYE 1770<sup>#</sup>

TWIN OAKS BRAID K009<sup>#</sup>

Fernvale Genetics, Southland, purchased Q209 in the June 2021 sale. He has a massive EBV of +5.6 for IMF and a carcass weight of +80.

Selection Index
\$PRO
\$143
55

**A+**

TACE	Mid April 2023 TransTasman Angus Cattle Evaluation																					
	CALVING EASE				GROWTH				FERTILITY		CARCASE						OTHER		STRUCTURAL			
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DtC	CWT	EMA	Rib	P8	RBY	IMF	DOC	NFI-F	Claw	Foot	Leg
EBV	-0.1	-2.5	-1.0	+3.2	+57	+114	+142	+112	+22	+0.9	-1.9	+80	+6.2	-1.5	-0.9	-0.8	+5.6	+37	+0.75	+1.24	+1.08	71%
Acc	69%	57%	75%	84%	82%	82%	82%	78%	70%	82%	49%	72%	70%	72%	72%	67%	72%	57%	59%	79%	78%	71%
Perc	72	90	94	30	19	4	9	31	14	89	96	15	50	81	60	97	2	4	96	98	74	25

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

**RS TWIN OAKS RAMBO Q187<sup>PV</sup> (HBR)**

**NZE20149019Q187**

**Mating Type:** ET **DOB:** 31/08/2019 **AMF,CAF,DDF,NHF,DWF,MAF,MHF,OHF,OSF,RGF**

AYRVALE BARTEL E7<sup>PV</sup>

G A R PROPHECY<sup>SV</sup>

**SIRE:** BEN NEVIS METAMORPHIC M51<sup>SV</sup>

**DAM:** TWIN OAKS ZODIAC M2<sup>PV</sup>

BEN NEVIS JEAN K80<sup>#</sup>

TWIN OAKS ZODIAC K234<sup>#</sup>

Rambo was purchased For \$20,000 by Whangara B5, Gisborne. He exhibits explosive growth and amazing carcass weight, in the top 5%.

Selection Index
\$PRO
\$206
5

**A**

TACE	Mid April 2023 TransTasman Angus Cattle Evaluation																					
	CALVING EASE				GROWTH				FERTILITY		CARCASE						OTHER		STRUCTURAL			
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DtC	CWT	EMA	Rib	P8	RBY	IMF	DOC	NFI-F	Claw	Foot	Leg
EBV	+6.9	+5.1	-5.3	+3.3	+65	+118	+147	+119	+19	+3.3	-4.8	+92	+9.2	-1.7	-0.7	+1.1	+0.6	+16	+0.07	+0.98	+0.98	69%
Acc	69%	54%	76%	87%	85%	84%	85%	79%	67%	80%	44%	72%	70%	72%	72%	67%	72%	58%	55%	77%	77%	69%
Perc	16	28	40	32	4	3	6	21	37	12	45	3	19	84	57	14	88	69	35	76	52	16

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





AonAgri is New Zealand's leading rural insurance broker, and proudly supports farming communities around the country. Having worked with bull farmers, buyers and industry members for a number of years, our dedicated teams understand the value and importance of making sure your stock and farm assets are properly covered - right from sale.

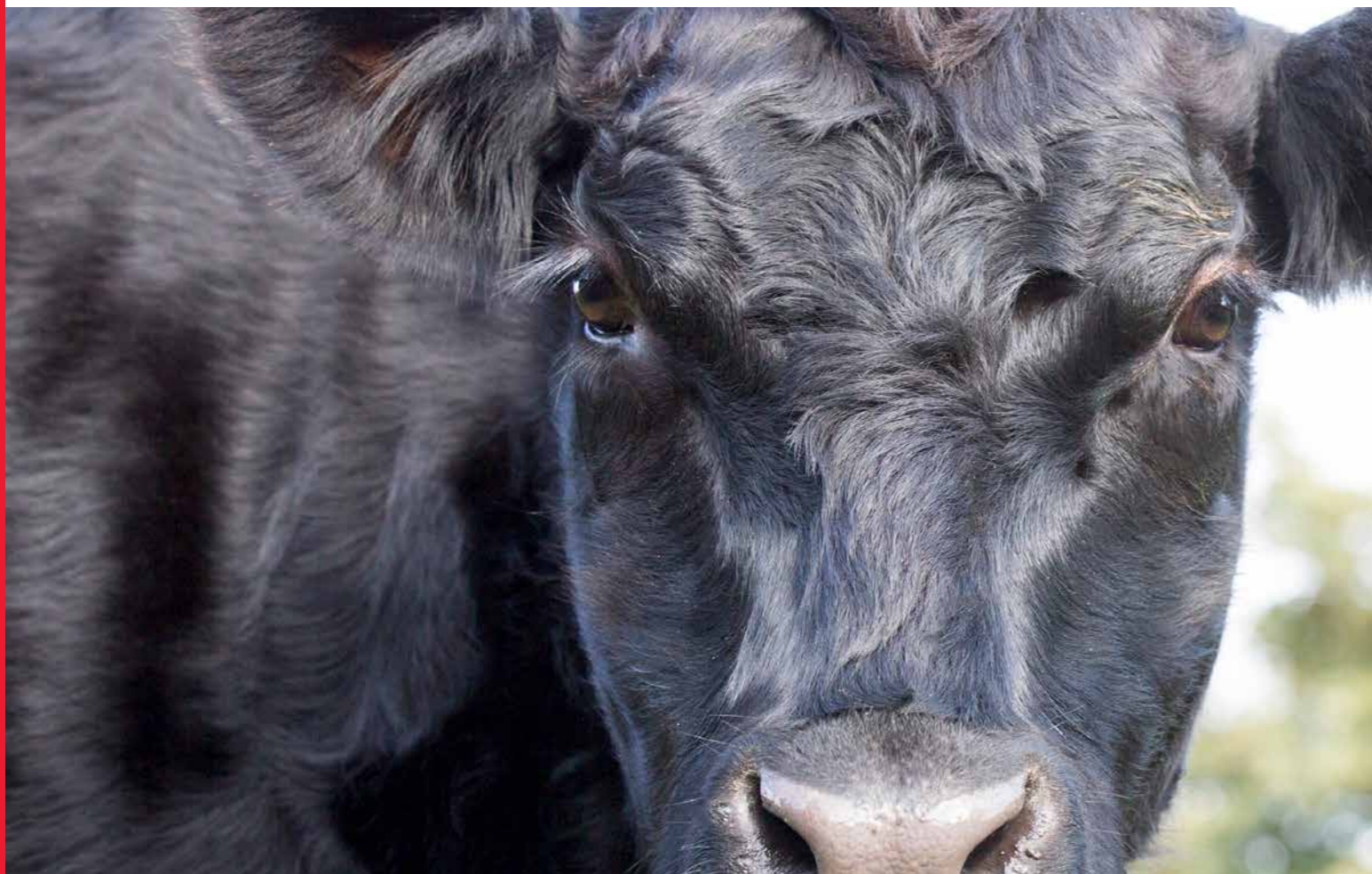
See you at the Twin Oaks bull sale on June 9th 2023. For more information, speak to Tanya Pretorius at the booking table.

Say **hello** to **your** local AonAgri team today to find the right cover for your farm.

**Tanya Pretorius**

tanya.pretorius@aon.com

+64 27 405 5095 aon.co.nz



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### 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 ids.....

.....(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.



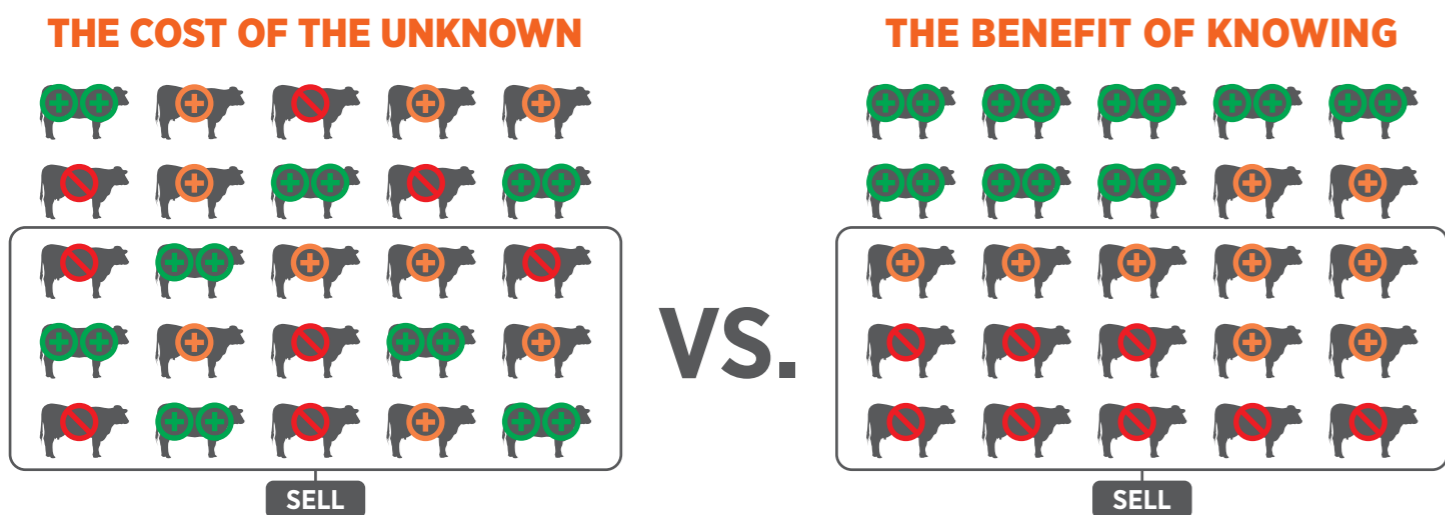
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<b>Parentage</b>	Sire parentage contributes to the accuracy of GEPD, assess sire performance and prevent inbreeding.
<b>Breed Composition</b>	Indicates maternal heterosis to inform selection and breeding decisions.

**BUYERS INSTRUCTION SLIP**

To be completed and handed to Agents before leaving the Sale

No verbal instructions can be accepted

Name .....

Address .....

Telephone ..... NAIT Number.....

Herd no. & Prefix (if society registration is required).....

Email: .....

Lot Purchased.....

Lot: ..... Lot: .....

Lot: ..... Lot: .....

Lot: ..... Lot: .....

Lot: ..... Lot: .....

Total no. purchased .....

Please describe the arrangements you have made to take delivery of your purchase.

Company to debit .....

Insurance Required (please circle) YES NO

Insure for (state period).....(months).....(Year).....

Insurance Company:  FMG  Aon

Transport is paid by Twin Oaks Angus – please leave details of any special instructions.

Signed:..... Date:.....



# KICK DUST WITH US.

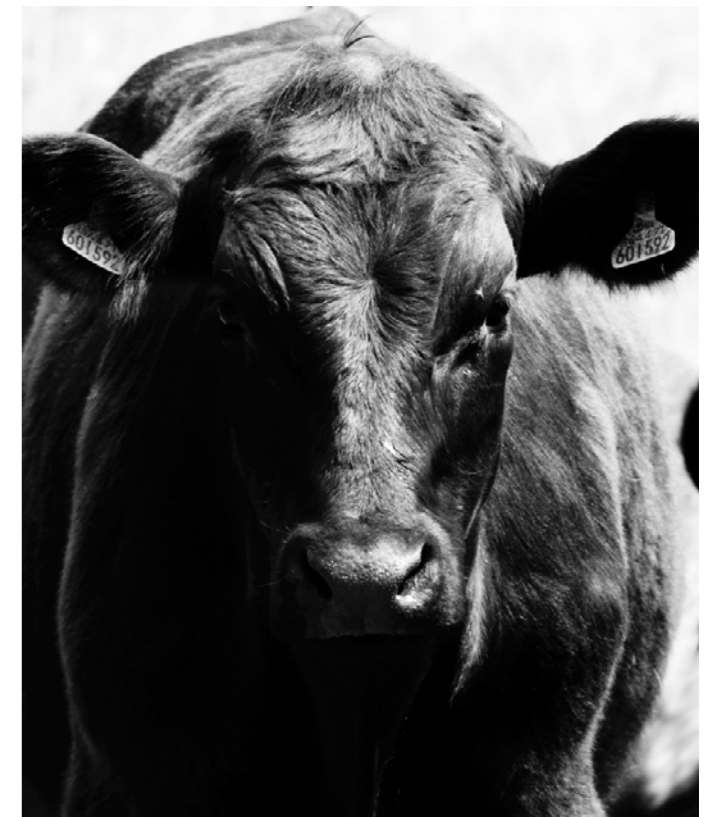
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