

ANGUS

### YEARLING BULL SALE

Tuesday 10th September 2024 at 12pm | 82318 State Highway 2, Pahiatua







### **WARNING**

USING A DAMAGED BATTERY IN YOUR POWER TOOLS CAN CAUSE VIOLENT FIRE IN SECONDS.



FIREANDEMERGENCY.NZ/BATTERY

Lithium-ion batteries have been the cause of over 80 fires for FMG clients in the last 5 years at a cost of \$4.5 million in settled claims.

Modern devices such as phones, laptops, tools, e-bikes, GPS units, vapes and even cars, forklifts and trucks are powered by lightweight, high-energy lithium-ion (li-ion) batteries.

If not used correctly, these devices can overheat, catch fire, or explode. It's important to know the risks and how to manage them. At FMG we have been working with Fire and Emergency New Zealand to help you manage the risk at your place. To learn more visit fmg.co.nz/advice





### ANGUS

Tuesday 10th September 2024 at 12pm | 82318 State Highway 2, Pahiatua

### YEARLING BULL SALE

Your inspection welcome anytime

- BULLS ON VIEW FROM 10am ON SALE DAY -



All females and males are i50k tested (breeding values are genomically enhanced), sire verified SV, parent verified PV.

Points to Note: Free Delivery in North Island

T.B. Status – C10, Totaranui is in an endemic-free area. All bulls have been tested negative and vaccinated for BVD. All bulls freeze branded for identification.

### **Totaranui Contacts**

Daimien Reynolds & Tally Jackson

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E: bulls@totaranuistud.co.nz

John Jackson

0274 454844

### **Agent Contacts**

PGG Wrightson - Mark Crooks 027 590 1452

Auctioneer and Agents for the sale: PGG Wrightson

Overriding commission of 6% to non participating companies.













### Greetings,

12 months have flown by and spring is close. Calving has started and cattle prices have sky rocketed, hopefully a sign of things to come after a period we would all rather see behind us. It's been a perfect storm of farm gate prices, inflation, interest rates and weather events, all taking their toll.

On the brighter side, we are very happy with the way our yearlings have come along. This year we offer close to 70 heifer bulls with an average Birth Weight EBV of 2, and 20 odd yearling bulls suitable for mixed age cow mating.

Our programme has been running for quite some time now, the benefits of retaining low birth weight cows as a separate herd are coming to fruition with consistency and predictability of heifer calving outcomes. It was good to see Totaranui Cash Deal do well in the Beef and Lamb Progeny Trial. Low birth weight Angus compete well amongst other breeds in terms of low birth weight, short gestation and growth, and Totaranui yearling bulls are right there.

We look forward to seeing you here on 10 September, please feel free to visit and view the bulls by appointment.

### Regards,

Daimien, Tally, John and the rest of the team here at Totaranui.

### Why Choose a Totaranui Bull?

- Totaranui has mated yearling heifers for over 3 decades. Calving ease is inherent in our herd.
- All calves are tagged and weighed at birth accurate recording of birth weights.
- All cattle are i50k genomically tested which includes parent verification (a requirement by Angus Australia, not required in NZ). This gives us a level of information for each female as if she has already got up to 13 calves on the ground and it enhances the accuracies of the ebvs.
- Every cow must have calved as a heifer, or she's culled.
- Our program has included selection for carcass traits for over 30 years meaning progeny will do well in the recent premium beef programs.
- We deliver our own bulls free of charge within the North Island within 2 weeks of sale.
- The selection pressure at Totaranui is very high. Being predominantly a sheep farm cows are for most of the year...on the back tit.
- AM, NH, CA and DD tested Free or remain Untested Free.
- All bulls have been tested negative and vaccinated for BVD.

### Totaranui Philosophy

### It's all about profitability...

It's no easy life for the Totaranui cow. She spends the hard winter months behind the ewes, cleaning up the pastures, just as the commercial farmer would expect of her.

Totaranui run two separate stud cow herds; one to generate high value A+ two year old bulls and the other to generate low birth weight yearling bulls. Our yearling bulls are not second class citizens, they're bred specifically for heifer mating in the beef and dairy markets.

While docility and structure are paramount in all our animals, they are now a given as we won't breed from an unsound animal. Fertility is bred in our herd, so to speak, as we've mated all the yearling heifers for over 35 years.

The cows are never given a second chance in this commercial hill country environment. They must calve and rear their calf as a two year old and then get back in calf every year thereafter. Any glitches and she's down the road, no second chances. This has also had a major contribution to our high fertility.

Profitability is the bottom line and the Totaranui Angus bloodlines grow fast, have a high yield and marbling, and consequently perform well for our clients.

The big shift towards improving carcase and eating quality happened in the early 1990s when John Jackson travelled to the USA on a bull scouting trip with AngusPure's Guy Sargent and others. John was wholeheartedly behind Guy's ethos of improving the marbling within grass fed Angus beef here in New Zealand, and set about searching for sires that would increase the IMF and EMA of the Totaranui herd, whilst still maintaining soundness and the mature cow size.

Al enables us to utilise the newest, most progressive genetics available from across the globe every year and both John and Daimien still travel to the USA each Autumn, to ensure they can carefully inspect the bulls they're using in the herd.

At Totaranui we're looking to target the discerning farmer who wants more than just another black bull. The farmer that understands the true benefits of technology and demands more than just a grazing tool to aid his sheep programme.

It's ultimately about profitability and the progeny from your high performance bulls should contribute more to your bottom line.



### **Angus Pure Update**

The overall quality of beef worldwide has improved greatly in recent years. The best example is in America where there are 4 grades of beef (in order of quality): Prime, Certified Angus Beef, Choice & Select. Until recently the majority of beef sat in either the Choice or Select grades. But today the Select grade is just about gone. Most beef in American supermarkets is in the Choice grade with big increases in both Prime & Certified Angus Beef as well. The primary reason for this is the attention American cattle breeders have given genetics. A big focus on genetics has lifted the eating quality of beef in the USA.



The opportunity for New Zealand beef breeders is to be part of a branded beef program that focuses on eating quality and the easiest way to be part of this is to improve your genetics.

AngusPure and Broadleaf have just announced a 50% increase in production at Wilson Hellaby from the 1st of November. This will mean 1 container per week of highly marbled Grass-Fed Angus will be going into the USA grass-fed market through Broadleaf Game. To qualify the cattle must be at least a marble score 2 or better and have AngusPure tags. The customers are demanding the tags for traceability and the marbling for eating quality.

AngusPure has 2 more announcements to make in the last quarter of 2024. One will be in conjunction with The Alliance Group and the other with a major international player.

All the AngusPure programs will require the cattle to be wearing AngusPure tags at the time of slaughter and there will be minimum marble score requirements. Those cattle that qualify will be rewarded with premiums which will be based on meat quality and adjusted every week to ensure the farmers are getting the best price.

The future for New Zealand Beef is no longer in the commodity area but in quality branded programs that focus on eating quality. Buying bulls with the best data, such as the Totaranui bulls, will give you an enormous head start.





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.

Cleardale
Focus Genetics
Grampians
Kahurangi
Kakahu
Komako
Lake Farm Genetics
Mount Linton
Ngāputahi
Oranga
Ranui
Rimanui Farms
Rissington
Rotowai

Seven Hills
Stokman
Storth Oaks
Takapoto
Te Mania
The Sisters
Totaranui
Twin Oaks
Vermont
Village Farm
Wairere
Waitangi
Wakare
Whangara



### ANGUSPURE PARTNER

AngusPure NZ has teamed up with 91 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.



### 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



### **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.



### **Our Story**

Angus PRO 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.

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. While ensuring cattle are of sound structure and are quiet in nature, the additional use of science and genomics can assist in viewing what's under the skin of an animal, providing an insight into what future progeny will look like, grow like, breed like and essentially, eat like.

By shifting to Angus Australia, AngusPRO have opened the gateway to technological and education facilities for the studs involved and their clients that are second to none. In what may seem like an administrative shift, we're all gaining a support network of 30-odd staff, countless educational documents and webinars, training sessions, technological tools, extensive research and continuing breed development. And that's just the tip of the iceberg.

Angus cattle are the backbone of the New Zealand beef industry. In the commercial environment they're expected to survive. Amid winter conditions of driving rain and inches of snow they will forage and not only survive, they will thrive. It's in their DNA.

When stud females are mated as heifers, this replicates the commercial farming model and improves overall fertility within the herd. Increased profitability is therefore bred into those progeny, so to speak. EBVs are the best available tool we have in predicting future progeny and when stud breeders use technologies such as HD50k and Angus GS, the accuracy of EBVs and Indexes is increased.

Angus Australia is focused on supporting the genetic improvement of Angus cattle. Their Angus. Tech suite includes a range of software tools and technologies, such as Angus SELECT, which has been developed to support members in improving the profitability of Angus genetics within the beef supply chain, by assisting with the identification of those genetics that are most aligned with their breeding goals and objectives.

While increased profitability for the client is at the forefront of our AngusPRO members' aspirations, producing the finest grass fed eating experience for the end consumer is absolutely imperative. This is their ultimate focus.

Maintaining high standards of sustainable farming practice to ensure the land is enhanced for generations to come is of course, part of daily life for the AngusPRO team. The environment here in New Zealand must be nurtured, with clear water in the streams and rich soils underfoot. It should go without saying that animal husbandry is paramount. These ideals and quality grass fed Angus beef go hand in hand for the end consumer.

Although we are a newly formed entity, many of the studs represented have stood the test of time. They are the perfect synergy of old school reputability and new school technique.

AngusPRO are committed to bettering Angus cattle within the New Zealand beef industry and ensuring Angus is the tastiest beef on everyone's lips.





### AgLetter

### A Guide to Yearling Heifer Mating

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While it's nice to see some thumper weaners go out the gate, the fact remains that the number one driver of a cow herd's profitability is its reproductive performance.

The management of your replacement heifers has a major influence on this, and we know that the better the heifers perform early in life, the more they can be used as a tool later in life.

Successful reproductive performance in a cow herd is weaning 90% to cows mated within a 365-day breeding cycle. As with any system it's worth ensuring the plan you have in place is giving you the best possible outcome.

### **Heifer Mating System**

- Mating as a yearling isn't for everyone. On some properties, there just isn't the feed available to guarantee success year on year.
- Where the farm is set up for it, the returns can be significant. Comparing the same feed profile of yearling mating versus 2yr mating on today's prices, the additional cattle revenue generated can be north of 20% more.
- On a property with 200 MA cows, this equates to \$37,000 which well and truly covers any additional cost (labour, vets, bull, etc).
- The intangible benefits also mean mating heifers can have a positive impact on the lifetime performance of the cow herd. This includes:
  - 1. Greater fertility pressure on the herd. Only heifers that go through puberty early and get in calf early are retained as replacements.
  - 2. It is thought that heifers that go through puberty early have more positive fats. These positive fats have other benefits to the cattle system (carcass traits, restoring body condition).
  - 3. Under the right management, heifers that get in calf early continue to get in calf early as a MA cow.
  - 4. Any non-performers are culled early, speeding up genetic gain.

### **Liveweight Targets**

- To minimise the risk of failure, liveweight targets must be set and regularly monitored. There are no silver bullets, liveweight drives performance.
- This ensures the heifers will hit puberty and are cycling when they are joined with the bull.
- As mature cow weights have shifted over the last 10-20 years, target yearling mating weights have shifted along with them. The
  consensus now sits at 60% of mature weight for the first mating as a yearling and 85% of mature weight for mating as a 2-yearold.
  - 1. For a 550kg cow this equates to a 330kg LW target (300kg min) when she is mated as a yearling and a 470kg target (450kg min) when she is mated a 2-year-old.
- For most hill country properties weaning a 180kg heifer calf, this requires 60kg of LWG over the autumn and winter (400g/day) and 90kg of LWG in the spring (1kg/day).
- This level of performance requires priority feed (allocated crop, grass rotation, rotated with hoggets, etc.)

### **Getting in Calf Early**

- The value of getting in calf in the first or early in the second cycle cannot be overstated.
- This gives a tight calving spread for ease of management, longer interval to cycle and get back in calf (see post-partum oestrus below), a heavier calf at weaning (more days on earth) and sees the cow stay in the herd longer as she is unlikely to be dry or late.
- To manipulate this process, it is common practice to mate as many heifers as possible that meet the grade (weight and type) and then restrict the mating period to 42 days (2 cycles). Some properties with good history of performance pull this back to 32 days (1½ cycles).
- Top-end performance with a 2-cycle mating interval would be an in-calf rate of greater than 90%. Industry average sits at 84%.

### **Timing of Mating**

- There are two schools of thought on this. Some mate their heifers 20 days before their MA cows, while others mate their heifers on the same date as their MA cows.
- Canvassing farmers, this appears to be about a 50:50 split. Having a vocal advocate for one policy or the other often dictates what the majority in that region do.
- This division of policy is largely centered around the postpartum oestrus period. This is the time it takes for the heifer or cow to cycle again after calving.
- Most research suggests that the period is 40-60 days for MA cows and 60-80 days for heifers.
- When conditions are below optimum (restricted intake, low BCS), this period can be stretched out by up to 60 days.
- This post postpartum oestrus period becomes a crucial number when added to the 280-day calf gestation length.
  - 1. 70 days postpartum oestrus + 280 days gestation = 350 days (inside the 365-day breeding cycle)
  - 2. 100 days postpartum oestrus + 280 days gestation = 380 days (outside the 365-day breeding cycle).
- If a cow's postpartum oestrus is extended out to 100+ days for successive calvings, the cow becomes a late, then a dry-dry and her time is over.

### **Mate Earlier**

1. To get around the heifer's longer postpartum oestrus, some farmers adopt the strategy of mating their yearling heifers 20 days earlier than the MA to ensure there is enough time for the 2-year-old heifer to cycle in line with their MA bull date.

### **Mate Later**

- 1. The contrary view is to mate the yearling heifers on the same date as the MA cows.
- 2. The view (which is backed up by research) is that for every 1 day later a cow is calved, the postpartum oestrus is also reduced by 1 day (she cycles sooner).
- 3. This is put down to an increase in pasture quality and quality, longer day length and higher air temperatures.
- 4. This is the reason that during favourable seasons or with a planned approach, late calving cows can be brought forward again.
- 5. By mating later, the heifers are heavier and have reached puberty, so they get in calf earlier (more in the first cycle). At the other end, by calving in more optimum conditions, they can shorten up the postpartum oestrus which then lines up the 2-year-old heifers with MA bull date.
- An overarching consideration to the heifer mating date is workload. By mating earlier, the calving period sits in the somewhat quieter period between lambing and docking. Mating later generally lands smack bang in the middle of docking which means you can be calving heifers in the dark.

### **Feeding at Key Times**

- From a weaner to mating as a yearling, the heifer needs priority treatment. Regular weighing needs to occur along the way to track progress.
- Steady and consistent LWG over winter is recommended to ensure the heifer is not compromised early in her life. With specific management areas set up in the spring, yearling heifers can easily achieve growth rates of north of 1kg/day.
- Through mating, the heifer needs to stay on this rising plane of nutrition.
- Post mating, the aim should be to keep the heifer growing at 0.5kg/day through until early winter. This is the most effective way to minimise calving difficulties, as the bigger the heifer, the more in proportion she is to her calf. Restricting the heifer during early stages of pregnancy is unlikely to impact the birthweight of the calf.
- Ensuring this weight is on early also gives a greater chance of the heifer meeting her 2-year-old mating weight target the following year.
- In in the last 50 days before calving, the aim should be for the heifer to maintain her condition, any LWG noticed is the calf growing inside her. It is recommended not to overfeed during this time as excess fat around the birth canal can make calving difficult. The most common strategy is to keep heifers fit on the hills before being brought down to calving blocks.
- Nutrition in the 3 weeks leading up to calving has significant bearing on the postpartum oestrus period. It is important that heifers (and MA cows) do not lose any condition during this time.
- Post calving, the system needs to be set up to ensure the heifer's feed intake is unrestricted. During this time, she is under a
  massive amount of pressure as she is lactating, gaining live weight, and going through the physiological change of starting to
  cycle again.
- Underfeeding at this stage results in the greatest re-breeding failure rates. For this reason, it is crucial that the calving date lines up with the creation of a surplus of feed in the farm system. If this cannot be guaranteed, the calving date needs to be revisited.

### **Animal Health**

- From weaning onward, common practice is drench weaner heifers every 6 weeks through to early winter. One drench is given in the early spring as a yearling and then depending on performance/assessment they can be drenched again in the summer and/or autumn.
- The presence of lice should be monitored, most getting a pour-on coming out of winter.
- Trace elements need to be monitored. Copper is used strategically on most properties and administered either in a bolus or injection form.
- An effective Lepto vaccination policy is required to protect the herd (and yourself). Replacement weaner heifers should be given a sensitiser and booster 6 weeks apart before they are 9 months old. An annual booster in the autumn is recommended for the MA cows.
- The BVD vaccination is required 2 months before mating, with booster given 1 month before mating. It is now common practice for the MA cow herd to receive an annual booster.
- Yard weaning or intensive management and human contact early in the heifer's life will ensure the heifers stay calmer during calving beats. Calve close to yards and monitor regularly so assistance can be offered quickly. Be prepared to assist with 5% of the line.

### **Bull Selection**

- The recommended bull ratio is 40:1 for 2-year-old or experienced bulls. This number can drop to 25:1 if using yearling bulls.
- Choose a bull specifically bred for calving ease. Any growth rate penalties will be offset by a reduction in calving difficulties.
- Other EBVs to consider:
  - 1. Days to Calving. This is the number of days from the bull going out to calving and rewards animals that calve earlier in the season. The lower the number, the more favorable.
  - 2. Rib Fat. This is the fat depth at the 12/13th rib and rewards animals with more fat. For breeding systems, greater fats can lead to early puberty in heifers and for the MA cow to hold and/or regain condition.
  - 3. Scrotal Size. Measure the scrotal size at 400 days. While this is more of a bull breeders' tool around serving capacity, it is thought there is a relationship to female fertility and early puberty.
  - 4. Milk. This estimates the animal's milking ability. While milk drives weaning weight, there is a school of thought that too much milk can have a negative effect on fertility as more energy is put into milk rather than into putting condition on post-calving and restarting cycling.

### **Bull Testing**

It has been found that in most commercial operations, up to 20% of the mixed age bull team is unsound for mating. In single sire mating systems or when there is a defective dominant bull, this can have a massive impact on the herd's reproductive performance.

Before the bull team goes out, its important you have the confidence the boys are up to the task. Tests should be done in the months leading up to mating so any issues can be identified, and replacement animals sourced.

### Capability Test - What's involved

- A heifer or cow is selected to match the size of the bull and tethered or bailed. In some case she is injected with prostaglandin the day before to bring her on heat.
- The bull is introduced and as he mounts his penis is checked for any abnormalities (injuries, warts, shape, color, length).
- An artificial vagina then steers the bull's penis away and the semen is collected (the sample needs to be kept at body temperature and away from sunlight).
- The cow or heifer is only served once by each bull and her welfare needs to be assessed along the way.
- During the process, the bull's ability to mount is evaluated, any structural issues are identified, scrotal size is measured, and temperament is assessed.
- The semen is then sent away for evaluation and detailed quality report is generated based on density, mortality, and deformities (75% alive and normal is a good result). Most vets will offer this service.

### **Bull Health**

- Any small disease or injury can cause a bull to be infertile for a period of time as anything that raises the body temperature can damage sperm.
- Monitor bulls closely during mating to make sure they are doing their job. Check them twice a week and observe them walking, and if possible, watch them mate.
- Treat injured bulls promptly and allow plenty of time for them to recover. Have spare bulls on farm to swap out if one becomes lame or injured.

### ANGUSPRO INDEX DEVELOPED SPECIFICALLY FOR THE NEW ZEALAND FARMING SYSTEM AND MARKETS

Selection indexes have been published within the TransTasman Angus Cattle Evaluation for several decades and have made an important contribution to the genetic improvements that have been achieved within the Angus breed during this time.

Selection indexes aid in the selection of animals for use within a breeding program where there are several traits of economic or functional importance by providing an overall "score" of an animal's genetic value.

Selection indexes are calculated for a specific breeding purpose and are calculated based on weightings placed on individual traits that are deemed to be important for that purpose.

The selection indexes assist in making "balanced" selection decisions, taking into account the relevant attributes of each animal to identify animals with genetics that are most aligned with the breeding objective for the given selection scenario.

The selection indexes published within TransTasman Angus Cattle Evaluation are economic selection indexes and are derived using BreedObject software, as developed by the Animal Genetics & Breeding Unit (AGBU) in Armidale, NSW.

Ten indexes are currently published as part of the TransTasman Angus Cattle Evaluation. Of these, the Angus Breeding and Angus Breeding Low Feed Cost selection indexes are general purpose selection indexes that are suitable for use in the majority of commercial beef operations, while the AngusPRO selection index is specific to New Zealand production systems and beef markets.

### AngusPRO Index (\$PRO)

### **Selection Index Summary**

- New Zealand production system
- · Self replacing herd
- Daughters are retained for breeding
- Steer progeny are finished on pasture for the Angus-Pure programme
- Steer progeny slaughtered at a carcase weight of 290 kg 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.

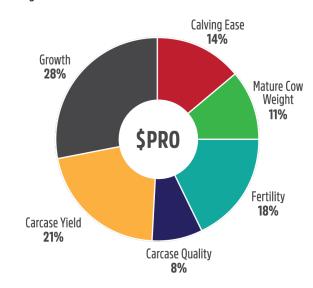
Steers are assumed marketed at approximately 530kg live weight (290kg carcase weight with 10mm P8 fat depth) at 20 months of age, with a significant premium for steers that exhibit superior marbling.

### **Traits 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.

### **Selection Advantage**

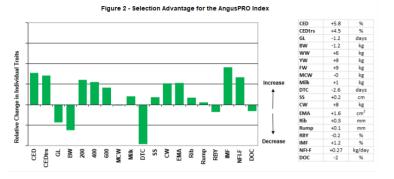
Figure 2 shows the selection advantage if animals are selected using the \$PRO index.



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 9kg higher 400 Day Weight EBVs and 1.2kg 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 zero for mature cow weight, meaning that selection on this index will maintain mature cow weight, while still increasing growth to 200, 400 and 600 days of age.



### Understanding the TransTasman Angus Cattle Evaluation (TACE)



### What is the TransTasman Angus Cattle Evaluation?

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

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

The TransTasman Angus Cattle Evaluation utilises a range of genetic evaluation software, including the internationally recognised BLUPF90 family of programs, and BREEDPLAN® beef genetic evaluation analytical software, as developed by the Animal Genetics and Breeding Unit (AGBU), a joint institute of NSW Agriculture and the University of New England, and Meat and Livestock Australia Limited (MLA).

### What is an EBV?

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

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

### Using EBVs to Compare the Genetics of Two Animals

TACE EBVs can be used to estimate the expected difference in the genetics of two animals, with the expected difference equating to half the difference in the EBVs of the animals, all other things being equal (e.g. they are joined to the same animal/s). For example, a bull with a 200 Day Growth EBV of

For example, a bull with a 200 Day Growth EBV of +60 would be expected to produce progeny that are, on average, 10 kg heavier at 200 days of age than a bull with a 200 Day Growth EBV of +40 kg (i.e. 20

kg difference between the sire's EBVs, then halved as the sire only contributes half the genetics).

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

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

EBVs can also be used to benchmark an animal's genetics relative to the genetics of other Angus or Angus infused animals recorded with Angus Australia.

To benchmark an animal's genetics relative to other Angus animals, an animal's EBV can be compared to the EBV reference tables, which provide:

- the breed average EBV
- · the percentile bands table

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

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

### **Considering Accuracy**

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

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

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

### **Description of TACE EBVs**

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

### UNDERSTANDING ESTIMATED BREEDING VALUES (EBVS)

|                    |               |                 | MDEROTARDING EGITIMATED DREEDING VALUE (ED  |  |
|--------------------|---------------|-----------------|---|--|
| Æ                  | 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. |
| Calving Ease/Birth | CEDtrs        | %               | Genetic differences in the ability of a sire's daughters to calve unassisted at 2 years of age.   | Higher EBVs indicate fewer calving difficulties in 2 year old heifers. |
| Calving            | 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.                          |
|                    | вw            | kg              | Genetic differences between animals in calf weight at birth.  | Lower EBVs indicate lighter birth weight.                              |
|                    | 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.                              |
| ے                  | 400 Day       | kg              | Genetic differences between animals in live weight at 400 days of age.  | Higher EBVs indicate heavier live weight.                              |
| Growth             | 600 Day       | kg              | Genetic differences between animals in live weight at 600 days of age.  | Higher EBVs indicate heavier live weight.                              |
|                    | MCW           | kg              | Genetic differences between animals in live weight of cows at 5 years of age.   | Higher EBVs indicate heavier mature weight.                            |
|                    | Milk          | kg              | Genetic differences between animals in live weight at 200 days of age due to the maternal contribution of its dam.  | Higher EBVs indicate heavier live weight.                              |
| Fertility          | DtC           | days            | Genetic differences between animals in the time from the start of the joining period (i.e. when the female is introduced to a bull) until subsequent calving.   | Lower EBVs indicate shorter time to calving.                           |
| Fert               | 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 carcase weight at 750 days of age.  | Higher EBVs indicate heavier carcase weight.                           |
|                    | EMA           | cm <sup>2</sup> | Genetic differences between animals in eye muscle area at the 12/13th rib site in a 400 kg carcase.   | Higher EBVs indicate larger eye muscle area.                           |
| Carcase            | Rib Fat       | mm              | Genetic differences between animals in fat depth at the 12/13th rib site in a 400 kg carcase.   | Higher EBVs indicate more fat.   |
| Car                | P8 Fat        | mm              | Genetic differences between animals in fat depth at the P8 rump site in a 400 kg carcase.   | Higher EBVs indicate more fat.   |
|                    | RBY           | %               | Genetic differences between animals in boned out saleable meat from a 400 kg carcase.   | Higher EBVs indicate higher yield.                                     |
|                    | IMF           | %               | Genetic differences between animals in intramuscular fat (marbling) at the 12/13th rib site in a $400\ kg$ carcase.   | Higher EBVs indicate more intramuscular fat.                           |
| Feed/Temp.         | NFI-F         | kg/day          | Genetic differences between animals in feed intake at a standard weight and rate of weight gain when animals are in a feedlot finishing phase.  | Lower EBVs indicate more feed efficiency.                              |
| Feed               | Doc           | %               | Genetic differences between animals in temperament.   | Higher EBVs indicate better temperament.                               |
| ē                  | Claw<br>Set   | score           | Genetic differences in claw set structure (shape and evenness of claws).  | Lower EBVs indicate a lower score.                                     |
| Structure          | Foot<br>Angle | score           | Genetic differences in foot angle (strength of pastern, depth of heel).   | Lower EBVs indicate a lower score.                                     |
| Š                  | Leg<br>Angle  | score           | Genetic differences in rear leg structure when viewed from the side (angle at front of the hock).   | Lower EBVs indicate a lower score.                                     |
| Selection Index    | \$A           | \$              | Genetic differences between animals in net profitability per cow joined in a typical commercial self replacing herd using Angus bulls. This selection index is not specific to a particular market end-point, but identifies animals that will improve overall net profitability in the majority of commercial, self replacing, grass and grain finishing beef production systems.  | Higher selection indexes indicate greater profitability.               |
| Selec              | \$PRO         | \$              | 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. Steers are assumed marketed at approximately 530 kg live weight (290 kg carcase weight with 10 mm P8 fat depth) at 20 months of age, with a significant premium for steers that exhibit superior marbling. | Higher selection indexes indicate eater profitability.                 |

### **Health and Safety**

Complying with the Health & Safety in Employment Act 1992 and Health & Safety at Work Act 2015 we are required to advise people of possible hazards. Please be aware of these prior to entering the property to ensure your personal safety.

- Cattle can be unpredictable, especially toward children.
- No children under the age of 15 allowed in the inspection yards.
- Move quietly, be vigilant at all times.
- All possible care has been taken in arranging the sale seating but caution in attaining your seat is still necessary.
- Appropriate footwear should be worn.
- There may be slippery surfaces.
- Be aware of vehicles and machinery.
- Please refrain from smoking in and around all buildings.

### **Condition of Sale**

- 1. The New Zealand Stock and Station Agent's Association Conditions of Sale and, to the extent deemed relevant by PGG Wrightson Limited (PGW), PGW's Terms of Sale apply to this sale. When proceeds are credited or a purchase is debited to a PGW monthly credit account, then PGW's Monthly Account Terms of Trade (as amended from time to time) apply to the extent deemed relevant by PGW. These terms can be inspected at the registration desk and on the wall in the auction room. The current versions of PGW's Terms of Sale and Monthly Account Terms of Trade are also available online at: www.pggwrightson.co.nz\Our-Company\ Terms-and-Conditions or in hardcopy on request.
- Each lot is catalogued unless other wise stated. While every
  effort has been made to ensure accuracy, the auctioneer or
  vendor will not be held responsible for any errors contained
  herein
- 3. Each lot becomes the property of the purchase at the fall of the hammer.
- 4. Insurance: Transit and term insurance cover is recommended and can be arranged with the auctioneer on sale day.
- 5. Purchasers are requested to complete the Purchasers Instruction Slip at the back of this catalogue and hand it to the auctioneer at the completion of the sale.

- 6. Fertility: The entry of any bull in this catalogue constitutes a Guaranteed of Fertility. Notice of infertility in all cases of such are to be in writing and in the hands of the vendor not later than twelve calendar months from the date the of sale. The purchaser price of any bull proved to be infertile shall be refunded without interest, expense, cost or damages. Any disputes will be settled by an arbitrator appointed by the auctioneers. A veterinary surgeon's certificate shall be produced by the purchase, when required. The purchaser will provide good husbandry.
- 7. Structure: All yearling bulls will be guaranteed for structure for 12 months after sale date. Studs interested in bulls need to check with the vendor whether bulls of interest are transferable. Purchasers must accept that bulls have not fully grown out, such that a full assessment of their structural potential is not possible, and accept that beyond 12 months, the vendor is not liable for structural problems that may arise. Credits for yearling bulls can only be redeemed at a future yearling sale.
- Semen for in herd use: Totaranui reserves the right to take semen off any bull sold before delivery for inherd use only.
- 9. Purchasers Rebate: All intending purchasers must register at the sales office prior to the sale. PGW will pay a purchasing rebate of 6% of the purchase price excluding GST, plus GST, to livestock companies & recognised independent livestock agents with a PGW account who have introduced buyers to PGW before the sale and/or accompanied buyers to the sale.

### Looking After your Bull on Arrival

When a bull leaves Totaranui he is leaving the security of a mob, and will arrive in a strange environment at the purchaser's property. On arrival make sure he has a steer or a cow as a companion, straight away, possibly with a feed of hay, and put them into a good grass paddock.

Young bulls are still growing fast and need enough feed to maintain their growth pattern and be able to settle the cows quickly and efficiently. Respect your bulls, and handle them quietly, walk them rather than rushing them. Treat them with care and in a gentle manner and they will do likewise to you. Totaranui bulls are used to being handled by stockmen on quads or on foot, also with dogs. They treat electric fences with respect. Monitor your bull regularly while out with the cows, as accidents can happen. When the season is finished, your bulls should be drenched and put away with enough feed in front of them. Adequate feed will help stop fighting and help bulls to settle into the bull group. We wish you all the best.



# TransTasman Angus Cattle Evaluation - August 2024 Reference Tables

|         |        |              |     |       |     |     |        |                            |      | ш      | REED | AVEF           | AGE     | EBVs   |      |      |         |       |                    |       |          |       |            |           |
|---------|--------|--------------|-----|-------|-----|-----|--------|----------------------------|------|--------|------|----------------|---------|--------|------|------|---------|-------|--------------------|-------|----------|-------|------------|-----------|
|         | Calvin | Salving Ease | Bi  | Birth |     |     | Growth |                            |      | Ferti  | lity |                |         | Carc   | ase  |      |         | Other | er                 | (I)   | tructure |       | Selectio   | n Indexes |
|         | CEDir  | EDir CEDtrs  | ЗL  | BW    | 200 | 400 | 009    | GL BW 200 400 600 MCW Milk | Milk | SS DTC | ртс  | CWT            | CWT EMA | RIB P8 | P8   | RBY  | RBY IMF | NFI-F | DOC Claw Angle Leg | Claw  | Angle    | Leg   | <b>\$A</b> | \$A-L     |
| Brd Avg | +1.8   | +2.7         | 4.4 | 44.0  | +51 | +92 | +119   | +102                       | +17  | +2.2   | -4.6 | <del>19+</del> | +6.4    | +0.0   | -0.3 | +0.5 | +2.3    | +0.22 | +21                | +0.84 | +0.97    | +1.02 | +200       | +344      |

<sup>\*</sup> Breed average represents the average EBV of all 2022 drop Australian Angus and Angus-influenced seedstock animals analysed in the August 2024 TransTasman Angus Cattle Evaluation.

|             | Indexes           | \$A-L    | Greater<br>Profitability       | +454  | +424  | +407  | +396            | +388  | +380  | +373             | +367  | +361  | +355  | +349            | +342  | +336            | +329  | +322          | +313                 | +304           | +292            | +276         | +250  | +201           | Lower<br>Profitability        |
|-------------|-------------------|----------|--------------------------------|-------|-------|-------|-----------------|-------|-------|------------------|---|-------|-------|-----------------|-------|-----------------|-------|---------------|----------------------|----------------|-----------------|--------------|-------|----------------|-------------------------------|
|             | Selection Indexes | \$A      | Greater<br>Profitability       | +278  | +257  | +245  | +237            | +231  | +225  | +220             | +215  | +211  | +207  | +203            | +198  | +194            | +189  | +184          | +178                 | +171           | +163            | +152         | +136  | +106           | Lower<br>Profitability        |
|             | ø                 | Leg      | Score Score                    | +0.72 | +0.82 | +0.86 | +0.90           | +0.92 | +0.94 | 96.0+            | +0.98   | +1.00 | +1.00 | +1.02           | +1.04 | +1.06           | +1.06 | +1.08         | +1.10                | +1.12          | +1.16           | +1.18        | +1.24 | +1.32          | Higher<br>Score               |
|             | Structure         | Angle    | Score<br>Score                 | +0.60 | +0.70 | +0.76 | +0.80           | +0.84 | +0.86 | +0.88            | +0.90   | +0.92 | +0.94 | +0.96           | +0.98 | +1.00           | +1.02 | +1.04         | +1.08                | +1.10          | +1.14           | +1.18        | +1.24 | +1.38          | Higher<br>Score               |
|             |                   | Claw     | Lower                          | +0.42 | +0.54 | +0.60 | +0.64           | +0.68 | +0.72 | +0.74            | +0.76   | +0.78 | +0.82 | +0.84           | +0.86 | +0.88           | +0.90 | +0.94         | +0.96                | +1.00          | +1.04           | +1.08        | +1.16 | +1.30          | Higher<br>Score               |
|             | Jer               | DOC      | More<br>Docile                 | +45   | +37   | +33   | +30             | +28   | +27   | +25              | +24   | +23   | +21   | +20             | +19   | +18             | +17   | +16           | +14                  | +13            | <del>+</del>    | 6+           | 45    | -              | Less<br>Docile                |
|             | Other             | NFI-F    | Greater<br>Feed<br>Efficiency  | -0.65 | -0.38 | -0.24 | -0.15           | -0.08 | -0.02 | +0.03            | +0.08   | +0.13 | +0.17 | +0.21           | +0.26 | +0.30           | +0.35 | +0.40         | +0.46                | +0.52          | +0.59           | +0.69        | +0.85 | +1.14          | Lower<br>Feed<br>Efficiency   |
|             |                   | IMF      | More<br>IMF                    | +6.1  | +4.9  | +4.3  | +3.9            | +3.6  | +3.3  | +3.0             | +2.8  | +2.6  | +2.4  | +2.2            | +2.0  | 41.9            | +1.7  | +1.5          | +1.3                 | <del>-</del> - | +0.8            | +0.5         | +0.0  | 6.0            | IMF<br>Less                   |
|             |                   | RBY      | Higher<br>Vield                | +2.1  | +1.6  | +1.3  | +1.2            | +1.0  | +0.9  | +0.8             | +0.7  | +0.7  | +0.6  | +0.5            | +0.4  | +0.3            | +0.2  | +0.2          | +0.1                 | -0.1           | -0.2            | -0.4         | -0.7  | -1.2           | Lower<br>Yield                |
| Щ           | Carcase           | P8       | More<br>Fat                    | +5.5  | +3.6  | +2.6  | +2.0            | +1.6  | +1.2  | 40.8             | +0.5  | +0.2  | -0.1  | -0.3            | 9.0-  | -0.9            | -1.2  | -1.5          | -1.8                 | -2.2           | -2.6            | -3.2         | -4.2  | -6.0           | Less<br>Fat                   |
| BANDS TABLE | Car               | RIB      | More<br>Fat                    | +4.5  | +3.1  | +2.3  | 41.8            | 4.1.4 | +1.1  | +0.9             | +0.6  | +0.4  | +0.2  | +0.0            | -0.2  | -0.5            | -0.7  | 6.0-          | -1.2                 | -1.4           | <del>1</del> .8 | -2.2         | -2.9  | 4.3            | Less<br>Fat                   |
| 3AND        |                   | EMA      | Larger<br>EMA                  | +14.9 | +12.2 | +10.8 | 6.6+            | +9.2  | +8.6  | <del>+</del> 8.1 | +7.6  | +7.2  | +6.7  | +6.3            | +5.9  | +5.5            | +5.1  | +4.7          | 4.2                  | +3.7           | +3.0            | +2.2         | +1.0  | -1.6           | Smaller<br>EMA                |
| TILE        |                   | CWT      | Heavier<br>Carcase<br>Weight   | +101  | 06+   | +85   | <del>1</del> 81 | +79   | +76   | +74              | +73   | +71   | 69+   | <del>+</del> 67 | 99+   | +64             | +62   | +61           | +29                  | +56            | +54             | +20          | +45   | +34            | Lighter<br>Carcase<br>Weight  |
| PERCENTILE  | Fertility         | DTC      | Shorter<br>Time to<br>Calving  | 6.8   | -7.5  | 9.9   | -6.4            | -6.0  | -5.8  | -5.5             | -5.3  | -5.1  | 4.8   | -4.6            | 4.4   | -4.2            | -4.0  | -3.8          | -3.6                 | -3.3           | -2.9            | -2.5         | -1.7  | -0.2           | Longer<br>of amiT<br>Salving  |
| H.          | Fer               | SS       | Larger<br>Scrotal<br>Size      | +5.1  | 4.1   | +3.6  | +3.3            | +3.1  | +2.9  | +2.7             | +2.6  | +2.4  | +2.3  | +2.1            | +2.0  | 41.9            | +1.7  | 41.6          | <del>1</del> .<br>4. | +1.3           | <del>-</del> -  | 40.8         | +0.4  | -0.5           | Smaller<br>Scrotal<br>Size    |
|             |                   | Milk     | Heavier<br>Live<br>Weight      | +29   | +25   | +23   | +22             | +21   | +20   | +19              | +19   | +18   | +18   | +17             | +16   | +16             | +15   | +14           | +14                  | +13            | +12             | <del>+</del> | 6+    | +2             | Lighter<br>Live<br>Weight     |
|             | _                 | MCW      | Heavier<br>Mature<br>Weight    | +166  | +145  | +135  | +128            | +123  | +118  | +114             | <del>+</del> | +108  | +104  | +101            | +98   | +95             | +92   | +89           | +85                  | +81            | +76             | +70          | 09+   | +40            | Lighter<br>Mature<br>Weight   |
|             | Growth            | 009      | Heavier<br>Live<br>Weight      | +164  | +150  | +142  | +137            | +134  | +131  | +128             | +126  | +123  | +121  | +119            | +116  | +114            | +112  | +109          | +107                 | +104           | +100            | +95          | +88   | +73            | Lighter<br>Live<br>Weight     |
|             |                   | 400      | Heavier<br>Live<br>Weight      | +124  | +114  | +109  | +105            | +103  | +101  | 66+              | +97   | +95   | +93   | +92             | 06+   | <del>+</del> 88 | +87   | +85           | +83                  | <del>1</del> 8 | +78             | +75          | +70   | +29            | Lighter Live<br>Weight        |
|             |                   | 200      | Heavier<br>Live<br>Weight      | +71   | +65   | +61   | +59             | +58   | +56   | +55              | +54   | +53   | +52   | +51             | +20   | +49             | +48   | +47           | +45                  | +44            | +45             | +40          | +37   | +30            | Lighter<br>Live<br>Weight     |
|             | Birth             | BW       | Lighter<br>Birth<br>Weight     | -0.4  | +1.0  | +1.7  | +2.1            | +2.5  | +2.8  | +3.1             | +3.3  | +3.5  | +3.8  | 4.0             | 44.2  | 4.4             | 44.6  | 44.9          | +5.1                 | +5.4           | +5.8            | +6.2         | 46.9  | 48.4           | Heavier<br>Birth<br>Weight    |
|             |                   | GL GL    | Shorter<br>Gestation<br>Length | -10.4 | 9.8   | -7.6  | -7.0            | -6.5  | -6.1  | -5.7             | -5.3  | -5.0  | -4.7  | 4.4             | 4.1   | -3.8            | -3.5  | 1.            | -2.8                 | -2.4           | -1.9            | -1.2         | -0.2  | +<br>8.<br>1.8 | Longer<br>Gestation<br>Length |
|             | Calving Ease      | · CEDtrs | Less<br>Calving<br>Difficulty  | +9.9  | +8.3  | +7.3  | +6.6            | +6.0  | +5.4  | 44.9             | 44.5  | 4.0   | +3.6  | +3.1            | +2.7  | +2.2            | +1.7  | <del>1.</del> | +0.5                 | -0.3           | -1.2            | -2.4         | 4.4-  | -8.7           | More<br>Calving<br>Difficulty |
|             |                   | CEDir    | Less<br>Calving<br>Difficulty  | +10.1 | +8.4  | +7.3  | +6.4            | +5.7  | +5.1  | +4.5             | +4.0  | +3.5  | +2.9  | +2.4            | +1.9  | +<br>5.         | +0.6  | -0.1          | -0.8                 | -1.8           | -2.9            | 4.4          | -7.0  | -12.5          | More<br>Calving<br>Difficulty |
|             | ì                 | % Band   |                                | 1%    | 2%    | 10%   | 15%             | 50%   | 72%   | 30%              | 35%   | 40%   | 45%   | 20%             | 22%   | %09             | %59   | %02           | 75%                  | %08            | 85%             | %06          | %56   | %66            |                               |

\* The percentile bands represent the distribution of EBVs across the 2022 drop Australian Angus and Angus-influenced seedstock animals analysed in the August 2024 Trans Tasman Angus Cattle Evaluation.



# TransTasman Angus Cattle Evaluation - August 2024 Reference Tables

| \$A SD SGN SGS SA-L<br>+200 +166 +264 +184 +344 |
|---|
| SD SGN SGS<br>+166 +264 +184                    |
| SD SGN SGS +166 +184                            |
| SD SGN SGS<br>+166 +264 +184                    |
| SD<br>+166                                      |
|   |
| <b>\$A</b>                                      |
|   |

<sup>\*</sup> Breed average represents the average EBV of all 2022 drop Australian Angus and Angus-influenced seedstock animals analysed in the August 2024 TransTasman Angus Cattle Evaluation .

\* The percentile bands represent the distribution of EBVs across the 2022 drop Australian Angus and Angus-influenced seedstock animals analysed in the August 2024 TransTasman Angus Cattle Evaluation .

### EBV Quick Reference Table

|  | CEDtrs GL  |        |      | Growth |      |      |         |      |             |       |      |       |      |      |       |
|--|--|--------|------|--------|------|------|---------|------|-------------|-------|------|-------|------|------|-------|
| Q.Y.         S.M.Y.         S.M.Y. <th>-7.7<br/>-4.4<br/>-4.4<br/>-4.4<br/>-4.4<br/>-4.4<br/>-1.1<br/>-10.4<br/>-10.4<br/>-10.4<br/>-10.4<br/>-10.4<br/>-10.4<br/>-10.4<br/>-10.4<br/>-10.4<br/>-10.4<br/>-10.4<br/>-10.4<br/>-10.4<br/>-10.8<br/>-6.6<br/>-6.6<br/>-6.6<br/>-6.6<br/>-6.6<br/>-6.6<br/>-6.6<br/>-6.6<br/>-6.6<br/>-6.6<br/>-6.6<br/>-6.6<br/>-6.6<br/>-6.6<br/>-6.6<br/>-6.7<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th>Fertili</th> <th>ίγ.</th> <th></th> <th></th> <th>Carc</th> <th>ase</th> <th></th> <th></th> <th>Index</th> | -7.7<br>-4.4<br>-4.4<br>-4.4<br>-4.4<br>-4.4<br>-1.1<br>-10.4<br>-10.4<br>-10.4<br>-10.4<br>-10.4<br>-10.4<br>-10.4<br>-10.4<br>-10.4<br>-10.4<br>-10.4<br>-10.4<br>-10.4<br>-10.8<br>-6.6<br>-6.6<br>-6.6<br>-6.6<br>-6.6<br>-6.6<br>-6.6<br>-6.6<br>-6.6<br>-6.6<br>-6.6<br>-6.6<br>-6.6<br>-6.6<br>-6.6<br>-6.7<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1     |        |      |        |      |      | Fertili | ίγ.  |             |       | Carc | ase   |      |      | Index |
| 7.7         4.8         4.8         4.9         4.1         4.2 <th>-7.7<br/>-4.1<br/>-4.1<br/>-4.1<br/>-4.1<br/>-4.1<br/>-4.1<br/>-1.1<br/>-1.1<br/>-1.2<br/>-6.6<br/>-9.9<br/>-8.9<br/>-8.9<br/>-8.9<br/>-8.9<br/>-8.9<br/>-8.9<br/>-8.9<br/>-8.9<br/>-8.9<br/>-8.9<br/>-8.9<br/>-8.9<br/>-8.9<br/>-8.9<br/>-8.9<br/>-8.9<br/>-8.9<br/>-8.9<br/>-8.9<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0<br/>-8.0</th> <th></th> <th>400</th> <th>009</th> <th>MCW</th> <th>Milk</th> <th>SS</th> <th>DTC</th> <th>CWT</th> <th>EMA</th> <th>RIB</th> <th>P8</th> <th>RBY</th> <th>IMF</th> <th>\$PRO</th>  | -7.7<br>-4.1<br>-4.1<br>-4.1<br>-4.1<br>-4.1<br>-4.1<br>-1.1<br>-1.1<br>-1.2<br>-6.6<br>-9.9<br>-8.9<br>-8.9<br>-8.9<br>-8.9<br>-8.9<br>-8.9<br>-8.9<br>-8.9<br>-8.9<br>-8.9<br>-8.9<br>-8.9<br>-8.9<br>-8.9<br>-8.9<br>-8.9<br>-8.9<br>-8.9<br>-8.9<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0<br>-8.0   |        | 400  | 009    | MCW  | Milk | SS      | DTC  | CWT         | EMA   | RIB  | P8    | RBY  | IMF  | \$PRO |
| 50         42<   | -5.0<br>-4.4<br>-4.4<br>-10.4<br>-10.4<br>-10.4<br>-10.4<br>-6.5<br>-6.5<br>-6.5<br>-6.0<br>-7.2<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1 |        | +97  | +116   | +131 |      | +1.7    | -6.3 | +76         | +4.9  | +2.8 | +2.7  | +0.1 | +1.5 | \$165 |
| 441         442 <td>-4.4<br/>-1.1<br/>-1.0.4<br/>-9.5<br/>-9.5<br/>-8.9<br/>-9.9<br/>-9.9<br/>-1.7<br/>-1.0.8<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.1<br/>-1.2<br/>-2.5<br/>-2.4<br/>-1.0.2<br/>-2.5<br/>-2.5<br/>-2.4<br/>-1.0.2<br/>-1.0.2</td> <td></td> <td>+93</td> <td>+118</td> <td>+104</td> <td>+21</td> <td>+2.5</td> <td>-7.4</td> <td>+80</td> <td>+8.7</td> <td>+3.4</td> <td>+0.4</td> <td>+0.2</td> <td>+2.3</td> <td>\$190</td>   | -4.4<br>-1.1<br>-1.0.4<br>-9.5<br>-9.5<br>-8.9<br>-9.9<br>-9.9<br>-1.7<br>-1.0.8<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.1<br>-1.2<br>-2.5<br>-2.4<br>-1.0.2<br>-2.5<br>-2.5<br>-2.4<br>-1.0.2<br>-1.0.2   |        | +93  | +118   | +104 | +21  | +2.5    | -7.4 | +80         | +8.7  | +3.4 | +0.4  | +0.2 | +2.3 | \$190 |
| 4-13         4-14 <th< td=""><td>+1.3</td><td></td><td>+98</td><td>+137</td><td>+107</td><td>+21</td><td>+4.2</td><td>-5.7</td><td>+74</td><td>+7.8</td><td>-0.8</td><td>-1.5</td><td>+0.2</td><td>+3.0</td><td>\$174</td></th<>   | +1.3   |        | +98  | +137   | +107 | +21  | +4.2    | -5.7 | +74         | +7.8  | -0.8 | -1.5  | +0.2 | +3.0 | \$174 |
| 4.7         1.1         4.44         4.66         4.69         4.12         4.12         4.27         4.27         4.27         4.27         4.27         4.27         4.27         4.27         4.29         4  | 4.7       -1.1         +4.2       -10.4         +10.1       -9.5         +7.5       -6.5         +6.7       -8.9         +5.9       -6.6         +7.2       -8.9         +7.2       -9.9         +7.2       -9.9         +7.2       -9.9         +7.2       -9.9         +7.2       -9.9         +7.2       -9.9         +6.0       -6.0         +7.2       -7.2         +8.9       -6.1         +6.3       -6.6         +0.7       -7.5         +6.3       -6.6         +6.3       -6.6         +6.3       -6.6         +6.3       -6.6         +6.3       -6.6         +6.3       -6.6         +6.3       -6.6         +6.3       -6.6         +6.3       -6.6         +6.3       -6.6         +6.3       -6.6         +6.3       -6.6         +6.3       -6.6         +6.3       -6.6         +6.3       -6.6         +6.4       -7.2         +6.4 <td></td> <td>+107</td> <td>+136</td> <td>+119</td> <td>+19</td> <td>+4.2</td> <td>-6.9</td> <td>99+</td> <td>+9.3</td> <td>+0.7</td> <td>4.1.8</td> <td>+0.3</td> <td>+4.0</td> <td>\$203</td>  |        | +107 | +136   | +119 | +19  | +4.2    | -6.9 | 99+         | +9.3  | +0.7 | 4.1.8 | +0.3 | +4.0 | \$203 |
| 442         1104         43.5         45.0         480         4125         47.0         480         47.0         480         47.0         480         47.0         480         47.0         480         47.0         480         47.0         480         47.0         480         47.0         480         47.0         480         47.0         480         47.0         480         47.0         480         47.0         480         47.0         480         47.0         480         47.0         480         47.0         480         47.0         480         480         47.0         480         47.0         480         480         47.0         480         47.0         480         47.0         480         47.0         480         47.0         480         47.0         480         47.0         480         47.0         47.0         480         47.0         47.0         480         47.0         47.0         480         480         47.0         480   | +4.2 -10.4<br>+10.1 -9.5<br>+7.5 -6.5<br>+6.7 -8.9<br>+3.8 -7.3<br>-0.3 -1.7<br>+5.9 -6.6<br>+7.2 -9.9<br>+1.9 -6.0<br>+1.9 -6.0<br>+2.6 -7.2<br>+2.6 -7.2<br>+2.9 -6.6<br>+4.5 -1.1<br>+2.9 -6.6<br>+4.5 -1.1<br>+4.5 -1.1<br>+2.9 -6.6<br>+6.3 -6.6<br>+6.3 -6.6<br>+4.7 -7.5<br>+4.7 -7.6<br>+4.7 -7.6<br>+4.7 -7.6<br>+4.7 -7.6<br>+4.7 -7.6<br>+4.7 -7.6<br>+4.7 -7.6<br>+4.7 -7.6<br>+4.7 -7.6<br>+4.7 -7.6<br>+4.4 -2.4<br>+4.4 -2.4<br>+9.0 -10.2<br>+6.4 -4.6<br>CEDITS GL  |        | +95  | +123   | +103 | +21  | +2.8    | -5.2 | +57         | +7.8  | -3.5 | -6.3  | 6.0+ | +3.6 | 66\$  |
| 4-10         4-10 <th< td=""><td>+10.1 -9.5</td><td></td><td>+98</td><td>+125</td><td>+75</td><td>+24</td><td>+2.1</td><td>-6.4</td><td>+72</td><td>+4.6</td><td>+1.0</td><td>+0.3</td><td>-0.5</td><td>+1.8</td><td>\$165</td></th<>  | +10.1 -9.5   |        | +98  | +125   | +75  | +24  | +2.1    | -6.4 | +72         | +4.6  | +1.0 | +0.3  | -0.5 | +1.8 | \$165 |
| 4.5         6.6         6.2         4.4         4.6         4.7         4.7         4.6         4.7         4.7         4.6         4.7         4.6         4.7         4.7         4.6         4.7         4.7         4.8         4.7         4.8         4.7         4.8         4.7         4.8         4.7         4.8         4.7         4.8         4.7         4.8         4.7         4.8         4.7         4.8         4.7         4.8         4.7         4.8         4.8         4.8         4.8 <td>+7.5 -6.5 +6.5 +6.7 +6.7 -8.9 +6.7 -8.9 +6.9 +6.9 +6.9 +6.9 +6.9 +6.9 +6.9 +6</td> <td></td> <td>+109</td> <td>+146</td> <td>+141</td> <td>+17</td> <td>+2.7</td> <td>-1.5</td> <td>99+</td> <td>+3.9</td> <td>+0.3</td> <td>6.0-</td> <td>-0.2</td> <td>+2.2</td> <td>\$135</td>  | +7.5 -6.5 +6.5 +6.7 +6.7 -8.9 +6.7 -8.9 +6.9 +6.9 +6.9 +6.9 +6.9 +6.9 +6.9 +6  |        | +109 | +146   | +141 | +17  | +2.7    | -1.5 | 99+         | +3.9  | +0.3 | 6.0-  | -0.2 | +2.2 | \$135 |
| 467         489         439         449         439         449 <td>+6.7 -8.9 +8.7 -8.9 +9.8 -7.3 -0.3 -1.7 -8.9 +1.7 -9.9 +1.9 -5.0 +1.9 +1.9 -5.0 +1.9 +1.9 -5.0 +1.1 +1.9 +1.9 +1.9 +1.9 +1.9 +1.0 +1.9 +1.0 +1.0 +1.0 +1.0 +1.0 +1.0 +1.0 +1.0</td> <td></td> <td>+76</td> <td>+104</td> <td>+92</td> <td>+19</td> <td>+1.6</td> <td>-7.3</td> <td>+59</td> <td>+4.8</td> <td>+2.6</td> <td>+2.7</td> <td>+0.2</td> <td>+1.5</td> <td>\$166</td>   | +6.7 -8.9 +8.7 -8.9 +9.8 -7.3 -0.3 -1.7 -8.9 +1.7 -9.9 +1.9 -5.0 +1.9 +1.9 -5.0 +1.9 +1.9 -5.0 +1.1 +1.9 +1.9 +1.9 +1.9 +1.9 +1.0 +1.9 +1.0 +1.0 +1.0 +1.0 +1.0 +1.0 +1.0 +1.0   |        | +76  | +104   | +92  | +19  | +1.6    | -7.3 | +59         | +4.8  | +2.6 | +2.7  | +0.2 | +1.5 | \$166 |
| 4.58         4.73         4.22         4.49         4.59 <th< td=""><td>+3.8 -7.3<br/>-0.3 -1.7<br/>+5.9 -6.6<br/>+7.2 -9.9<br/>+1.9 -5.0<br/>+5.0 -4.7<br/>+9.3 -10.8<br/>+8.9 -6.1<br/>+2.6 -7.2<br/>+4.5 -1.1<br/>+2.8 -3.5<br/>+0.6 -6.0<br/>+0.7 -7.5<br/>+0.6 -6.0<br/>+0.7 -7.5<br/>+2.9 -6.6<br/>+6.3 -6.6<br/>+6.3 -6.6<br/>+6.3 -6.6<br/>+6.3 -6.6<br/>+6.3 -6.6<br/>+7.7 -11.0<br/>+7.7 -11.0<br/>+7.7 -10.2<br/>+4.4 -2.4<br/>+9.0 -10.2<br/>+4.4 -2.4<br/>+9.0 -10.2<br/>+6.4 -4.6<br/>CEDITS GL</td><td></td><td>+111</td><td>+151</td><td>+162</td><td>+22</td><td>+1.9</td><td>-5.0</td><td>+100</td><td>+10.0</td><td>-1.3</td><td>-3.5</td><td>+2.1</td><td>-0.2</td><td>\$153</td></th<>   | +3.8 -7.3<br>-0.3 -1.7<br>+5.9 -6.6<br>+7.2 -9.9<br>+1.9 -5.0<br>+5.0 -4.7<br>+9.3 -10.8<br>+8.9 -6.1<br>+2.6 -7.2<br>+4.5 -1.1<br>+2.8 -3.5<br>+0.6 -6.0<br>+0.7 -7.5<br>+0.6 -6.0<br>+0.7 -7.5<br>+2.9 -6.6<br>+6.3 -6.6<br>+6.3 -6.6<br>+6.3 -6.6<br>+6.3 -6.6<br>+6.3 -6.6<br>+7.7 -11.0<br>+7.7 -11.0<br>+7.7 -10.2<br>+4.4 -2.4<br>+9.0 -10.2<br>+4.4 -2.4<br>+9.0 -10.2<br>+6.4 -4.6<br>CEDITS GL   |        | +111 | +151   | +162 | +22  | +1.9    | -5.0 | +100        | +10.0 | -1.3 | -3.5  | +2.1 | -0.2 | \$153 |
| 4.0         4.1         4.2         4.6         4.6         4.1         4.2         4.6         4.6         4.7         4.7         4.7         4.0         4.1         4.2         4.6         4.6         4.1         4.0         4.7         4.1         4.2         4.7         4.1         4.2         4.7         4.1         4.2         4.1         4.2         4.1         4.2         4.1         4.2 <td>+5.9 -6.6 +5.9 -6.6 +5.9 -6.6 +1.9 -6.0 +1.9 -6.0 +1.9 -6.0 +1.9 +5.0 -4.7 +5.0 -4.7 +5.0 -4.7 +5.0 -6.1 +4.5 -1.1 +2.8 -3.5 +0.6 -6.0 +0.7 -7.5 +2.9 -6.6 +6.3 -6.6 +6.3 -6.6 +4.7 -7.2 +4.4 -2.4 +4.4 -2.4 +4.4 -2.4 +4.4 -2.4 +4.6 -4.6  </td> <td></td> <td>+82</td> <td>+110</td> <td>+58</td> <td>+21</td> <td>+1.9</td> <td>-5.7</td> <td>+65</td> <td>+13.8</td> <td>+3.4</td> <td>+5.1</td> <td>+0.8</td> <td>+1.1</td> <td>\$207</td>  | +5.9 -6.6 +5.9 -6.6 +5.9 -6.6 +1.9 -6.0 +1.9 -6.0 +1.9 -6.0 +1.9 +5.0 -4.7 +5.0 -4.7 +5.0 -4.7 +5.0 -6.1 +4.5 -1.1 +2.8 -3.5 +0.6 -6.0 +0.7 -7.5 +2.9 -6.6 +6.3 -6.6 +6.3 -6.6 +4.7 -7.2 +4.4 -2.4 +4.4 -2.4 +4.4 -2.4 +4.4 -2.4 +4.6 -4.6   |        | +82  | +110   | +58  | +21  | +1.9    | -5.7 | +65         | +13.8 | +3.4 | +5.1  | +0.8 | +1.1 | \$207 |
| 4.5         6.6         4.51         4.61         4.10         4  | +5.9 -6.6<br>+7.2 -9.9<br>+1.9 -5.0<br>+1.9 -5.0<br>+5.0 -4.7<br>+6.3 -6.1<br>+2.8 -3.5<br>+0.6 -6.0<br>+0.7 -7.5<br>+2.9 -6.6<br>+6.3 -6.6<br>+6.3 -6.6<br>+6.3 -6.6<br>+6.3 -6.6<br>+6.3 -6.6<br>+7.2 -7.5<br>+4.7 -7.6<br>+7.2 -6.0<br>+7.2 -6.0<br>+7.2 -7.2<br>+3.9 -2.5<br>+4.4 -2.4<br>+9.0 -10.2<br>+6.4 -4.6<br>CEDITS GL   |        | +93  | +105   | +81  | +11  | +2.2    | -6.8 | +64         | +8.1  | -2.8 | 4.7   | +1.5 | +2.3 | \$193 |
| 472         689         418         472         410         472         418         419         410 <td>+7.2 -9.9<br/>+1.9 -5.0<br/>+5.0 -4.7<br/>+5.0 -4.7<br/>+9.3 -10.8<br/>+8.9 -6.1<br/>+2.6 -7.2<br/>+4.5 -1.1<br/>+2.8 -3.5<br/>+0.6 -6.0<br/>+0.7 -7.5<br/>+2.9 -6.6<br/>+6.3 -6.6<br/>+6.3 -6.6<br/>+6.3 -6.6<br/>+4.7 -7.6<br/>+7.2 -7.2<br/>+3.9 -2.5<br/>+4.4 -2.4<br/>+9.0 -10.2<br/>+6.4 -4.6<br/>CEDITS GL</td> <td></td> <td>+105</td> <td>+128</td> <td>+116</td> <td>+19</td> <td>+2.6</td> <td>-7.2</td> <td>+91</td> <td>+14.9</td> <td>9.0-</td> <td>-2.4</td> <td>+2.9</td> <td>-1.3</td> <td>\$189</td>   | +7.2 -9.9<br>+1.9 -5.0<br>+5.0 -4.7<br>+5.0 -4.7<br>+9.3 -10.8<br>+8.9 -6.1<br>+2.6 -7.2<br>+4.5 -1.1<br>+2.8 -3.5<br>+0.6 -6.0<br>+0.7 -7.5<br>+2.9 -6.6<br>+6.3 -6.6<br>+6.3 -6.6<br>+6.3 -6.6<br>+4.7 -7.6<br>+7.2 -7.2<br>+3.9 -2.5<br>+4.4 -2.4<br>+9.0 -10.2<br>+6.4 -4.6<br>CEDITS GL   |        | +105 | +128   | +116 | +19  | +2.6    | -7.2 | +91         | +14.9 | 9.0- | -2.4  | +2.9 | -1.3 | \$189 |
| 1.0   2.0   1.1   1.0  | +1.9 -5.0<br>+5.0 -4.7<br>+9.3 -10.8<br>+8.9 -6.1<br>+2.6 -7.2<br>+4.5 -1.1<br>+2.8 -3.5<br>+0.6 -6.0<br>+0.7 -7.5<br>+0.7 -7.5<br>+0.7 -7.5<br>+10.3 -11.9<br>+8.9 -9.7<br>+10.3 -11.9<br>+4.7 -7.6<br>+7.2 -6.0<br>+7.2 -6.0<br>+7.2 -6.0<br>+7.2 -6.0<br>+7.2 -7.2<br>+3.9 -2.5<br>+3.9 -2.5<br>+4.4 -2.4<br>+9.0 -10.2<br>+6.4 -4.6  |        | +87  | +110   | +78  | +18  | +1.9    | -4.8 | +56         | -2.3  | +0.3 | -1.0  | 9.0- | +2.6 | \$145 |
| 4.0         4.1         4.0 <td>+5.0 -4.7<br/>+9.3 -10.8<br/>+8.9 -6.1<br/>+2.6 -7.2<br/>+4.5 -1.1<br/>+2.8 -3.5<br/>+0.6 -6.6<br/>+0.7 -7.5<br/>+0.7 -7.5<br/>+2.9 -6.6<br/>+8.9 -9.7<br/>+9.0 -9.4<br/>+4.7 -7.6<br/>+7.7 -11.0<br/>+7.2 -6.0<br/>+7.2 -6.0<br/>+7.2 -6.0<br/>+7.2 -6.0<br/>+7.2 -7.2<br/>+3.9 -2.5<br/>+4.4 -2.4<br/>+9.0 -10.2<br/>+5.1 -7.2</td> <td></td> <td>+73</td> <td>+87</td> <td>+44</td> <td>+26</td> <td>+0.8</td> <td>-5.9</td> <td>+47</td> <td>+11.2</td> <td>+0.0</td> <td>+0.3</td> <td>+0.3</td> <td>+3.6</td> <td>\$153</td>   | +5.0 -4.7<br>+9.3 -10.8<br>+8.9 -6.1<br>+2.6 -7.2<br>+4.5 -1.1<br>+2.8 -3.5<br>+0.6 -6.6<br>+0.7 -7.5<br>+0.7 -7.5<br>+2.9 -6.6<br>+8.9 -9.7<br>+9.0 -9.4<br>+4.7 -7.6<br>+7.7 -11.0<br>+7.2 -6.0<br>+7.2 -6.0<br>+7.2 -6.0<br>+7.2 -6.0<br>+7.2 -7.2<br>+3.9 -2.5<br>+4.4 -2.4<br>+9.0 -10.2<br>+5.1 -7.2   |        | +73  | +87    | +44  | +26  | +0.8    | -5.9 | +47         | +11.2 | +0.0 | +0.3  | +0.3 | +3.6 | \$153 |
| 443         416         447         489         418         420         420         434         61         460         465         450         465         467         465         470         465         470         465         470         465         470         465         470         465         470         480         470         465         470         465         470         465         470         465         470   | +9.3 -10.8<br>+8.9 -6.1<br>+2.6 -7.2<br>+4.5 -1.1<br>+2.8 -3.5<br>+0.6 -6.0<br>+0.7 -7.5<br>+0.7 -7.5<br>+2.9 -6.6<br>+6.3 -6.6<br>+6.3 -6.6<br>+6.3 -6.6<br>+8.9 -9.7<br>+10.3 -11.9<br>+8.1 -9.4<br>+4.7 -7.6<br>+7.7 -11.0<br>+7.2 -7.6<br>+4.4 -2.4<br>+9.0 -10.2<br>+4.4 -2.4<br>+9.0 -10.2<br>+6.4 -4.6  |        | +68  | +83    | +39  | +24  | +1.7    | -5.0 | +44         | +5.7  | +4.2 | +4.8  | -0.4 | +4.4 | \$162 |
| 48.9         64.1         4.9         4.4         4.9         4.0         4.9         4.0 </td <td>+8.9 -6.1<br/>+2.6 -7.2<br/>+4.5 -1.1<br/>+2.8 -3.5<br/>+0.6 -6.0<br/>+0.7 -7.5<br/>+2.9 -6.6<br/>+6.3 -6.6<br/>+6.3 -6.6<br/>+6.3 -6.6<br/>+7.2 -7.2<br/>+4.7 -7.6<br/>+7.2 -6.0<br/>+7.2 -6.0<br/>+7.2 -7.2<br/>+4.4 -2.4<br/>+9.0 -10.2<br/>+6.4 -4.6<br/>CEDITS GL</td> <td></td> <td>66+</td> <td>+118</td> <td>+109</td> <td>+26</td> <td>+3.4</td> <td>-6.1</td> <td>+20</td> <td>+5.3</td> <td>+3.5</td> <td>+0.7</td> <td>-0.3</td> <td>+4.9</td> <td>\$187</td>   | +8.9 -6.1<br>+2.6 -7.2<br>+4.5 -1.1<br>+2.8 -3.5<br>+0.6 -6.0<br>+0.7 -7.5<br>+2.9 -6.6<br>+6.3 -6.6<br>+6.3 -6.6<br>+6.3 -6.6<br>+7.2 -7.2<br>+4.7 -7.6<br>+7.2 -6.0<br>+7.2 -6.0<br>+7.2 -7.2<br>+4.4 -2.4<br>+9.0 -10.2<br>+6.4 -4.6<br>CEDITS GL   |        | 66+  | +118   | +109 | +26  | +3.4    | -6.1 | +20         | +5.3  | +3.5 | +0.7  | -0.3 | +4.9 | \$187 |
| 4.2 6         7.2 1         4.3 0         4.4 0         4.1 0         4.1 0         4.2 0 <th< td=""><td>+2.6 -7.2<br/>+4.5 -1.1<br/>+2.8 -3.5<br/>+0.6 -6.0<br/>+0.7 -7.5<br/>+2.9 -6.6<br/>+6.3 -6.6<br/>+6.3 -6.6<br/>+8.9 -9.7<br/>+10.3 -11.9<br/>+4.7 -7.6<br/>+7.2 -7.2<br/>+7.2 -6.0<br/>+7.2 -7.2<br/>+3.9 -2.5<br/>+4.4 -2.4<br/>+9.0 -10.2<br/>+6.4 -4.6<br/>CEDITS GL</td><td></td><td>+91</td><td>+112</td><td>+121</td><td>6+</td><td>-0.4</td><td>-3.2</td><td><b>4</b>9+</td><td>+6.5</td><td>-1.0</td><td>-2.8</td><td>+0.1</td><td>+4.0</td><td>\$150</td></th<>   | +2.6 -7.2<br>+4.5 -1.1<br>+2.8 -3.5<br>+0.6 -6.0<br>+0.7 -7.5<br>+2.9 -6.6<br>+6.3 -6.6<br>+6.3 -6.6<br>+8.9 -9.7<br>+10.3 -11.9<br>+4.7 -7.6<br>+7.2 -7.2<br>+7.2 -6.0<br>+7.2 -7.2<br>+3.9 -2.5<br>+4.4 -2.4<br>+9.0 -10.2<br>+6.4 -4.6<br>CEDITS GL   |        | +91  | +112   | +121 | 6+   | -0.4    | -3.2 | <b>4</b> 9+ | +6.5  | -1.0 | -2.8  | +0.1 | +4.0 | \$150 |
| 44.6         1.1         4.05         4.34         4.74         4.60         4.26         4.18         7.9         447         4.89         4.12         4.01         4.01         4.02         4.01         4.02         4.01         4.02         4.  | +4.5 -1.1<br>+2.8 -3.5<br>+0.6 -6.0<br>+0.7 -7.5<br>+2.9 -6.6<br>+6.3 -6.6<br>+8.9 -9.7<br>+8.9 -9.7<br>+10.3 -11.9<br>+4.7 -7.6<br>+7.2 -6.0<br>+7.2 -6.0<br>+7.2 -6.0<br>+7.2 -7.2<br>+3.9 -2.5<br>+3.9 -2.5<br>+4.4 -2.4<br>+9.0 -10.2<br>+6.4 -4.6   |        | 96+  | +131   | +119 | +22  | +2.1    | -5.0 | +68         | +2.7  | 6.0+ | +1.5  | -0.3 | +3.6 | \$157 |
| 4.2 (a)         4.6 (b)         4.1 (c)         4.1 (c) <t< td=""><td>+2.8 -3.5<br/>+0.6 -6.0<br/>+0.7 -7.5<br/>+2.9 -6.6<br/>+6.3 -6.6<br/>+8.9 -9.7<br/>+9.0 -9.7<br/>+10.3 -11.9<br/>+8.1 -9.4<br/>+4.7 -7.6<br/>+7.7 -11.0<br/>+7.2 -6.0<br/>+7.2 -6.0<br/>+7.2 -6.0<br/>+7.2 -7.2<br/>+3.9 -2.5<br/>+4.4 -2.4<br/>+9.0 -10.2<br/>+6.4 -4.6</td><td></td><td>+74</td><td>+94</td><td>09+</td><td>+26</td><td>+1.8</td><td>-7.9</td><td>+47</td><td>+8.8</td><td>+1.2</td><td>+0.1</td><td>+0.1</td><td>+4.5</td><td>\$177</td></t<>  | +2.8 -3.5<br>+0.6 -6.0<br>+0.7 -7.5<br>+2.9 -6.6<br>+6.3 -6.6<br>+8.9 -9.7<br>+9.0 -9.7<br>+10.3 -11.9<br>+8.1 -9.4<br>+4.7 -7.6<br>+7.7 -11.0<br>+7.2 -6.0<br>+7.2 -6.0<br>+7.2 -6.0<br>+7.2 -7.2<br>+3.9 -2.5<br>+4.4 -2.4<br>+9.0 -10.2<br>+6.4 -4.6  |        | +74  | +94    | 09+  | +26  | +1.8    | -7.9 | +47         | +8.8  | +1.2 | +0.1  | +0.1 | +4.5 | \$177 |
| +0.6         -6.0         +4.1         +4.0         +7.1         +8.9         +6.4         +1.9         +3.4         +3.2         +3.5         +3.8         +8.0         +2.0         +2.0           +0.7         -7.5         +2.7         +5.4         +110         +119         +91         +92         +2.2         +3.8         +7.5         +0.7         +1.3           +2.9         -6.6         +1.7         +4.4         +7.7         +92         +7.0         +10         +2.2         -2.9         +5.0         +0.7         +1.9         +1.9           +8.9         -6.6         +1.1         +4.6         +12.         +2.0         +5.0         +7.0         +1.9         +1.9         +2.2         +2.9         +5.0         +1.9         +1.9         +1.9         +1.9         +1.9         +2.0         +2.0         +2.0         +1.9         +1.9         +1.9         +2.0         +2.0         +5.0         +1.9         +1.9         +2.0         +2.0         +2.0         +2.0         +2.0         +2.0         +2.0         +2.0         +2.0         +2.0         +2.0         +2.0         +2.0         +2.0         +2.0         +2.0         +2.0         +2.0         +2.0  | +0.6 -6.0<br>+0.7 -7.5<br>+2.9 -6.6<br>+6.3 -6.6<br>+8.9 -9.7<br>+10.3 -11.9<br>+8.1 -9.4<br>+4.7 -7.6<br>+7.7 -11.0<br>+7.2 -7.2<br>+3.9 -2.5<br>+4.4 -2.4<br>+9.0 -10.2<br>+6.4 -4.6   |        | +95  | +126   | +115 | +17  | +2.0    | -1.8 | +62         | 9.6+  | -2.3 | -6.2  | +1.6 | +2.9 | \$110 |
| +0.7         -7.5         +2.7         +54         +110         +91         +91         +0.3         +0.3         +1.5         +1.5         +100         +110         +110         +91         +91         +2.3         4.8         +7.5         +7.5         +92         +7.0         +100         +2.2         -2.9         +50         +84         +2.6         +1.1         +1.2         +44         +7.7         +82         +7.0         +10         +2.2         -2.9         +50         +8.4         +1.9         +8.9         +8.0         +8.0         +8.0         +8.0         +8.0         +8.0         +8.0         +8.0         +8.0         +8.0         +8.0         +1.7         +2.0         +2.0         +8.0         +8.0         +1.4         +8.0         +8.0         +1.4         +8.0         +8.0         +1.4         +8.0         +1.4         +1.4         +1.4         +1.0         +1.4         +1.0         +1.4         +1.0         +1.4         +1.4         +1.0         +1.4         +1.4         +1.0         +1.4         +1.0         +1.4         +1.0         +1.4         +1.0         +1.4         +1.0         +1.4         +1.0         +1.0         +1.0         +1.0         +1.0  | +0.7 -7.5 +2.9 -6.6 +6.3 -6.6 +6.3 -6.6 +6.3 +6.3 -6.6 +6.9 +6.3 -11.9 +10.3 -11.9 +4.7 -7.2 +4.4 -2.4 +4.4 -2.4 +4.4 -2.4 +6.4 +6.4 -4.6  |        | +71  | +89    | +64  | +19  | +3.4    | -3.2 | +35         | +8.8  | +2.0 | +2.0  | -0.1 | +2.7 | \$105 |
| +6.2         +6.6         +1.7         +44         +77         +92         +70         +10         +22         -2.9         +50         +50         +50         +50         +50         +50         +10         +10         +10         +12         +10         +10         +10         +10         +10         +10         +20         +20         +70         +62         -0.6         -0.9         +10         +10         +10         +20         +20         +70         +62         -0.6         -0.9         -0.0         +10         +10         +10         +10         +10         +10         +20         +20         +70         +62         +00         +00         +10 <t< td=""><td>+2.9 -6.6 +6.3 -6.6 +6.3 -6.6 +6.3 -6.6 +8.9 -9.7 +10.3 -11.9 +8.1 +4.7 -7.6 +4.7 -7.2 +4.4 -2.4 +4.4 -2.4 +4.4 -2.4 +6.4 +6.4 -4.6  </td><td></td><td>+100</td><td>+119</td><td>+91</td><td>6+</td><td>+2.3</td><td>-4.8</td><td>+73</td><td>+7.5</td><td>+0.7</td><td>-1.3</td><td>+0.4</td><td>+3.7</td><td>\$200</td></t<>  | +2.9 -6.6 +6.3 -6.6 +6.3 -6.6 +6.3 -6.6 +8.9 -9.7 +10.3 -11.9 +8.1 +4.7 -7.6 +4.7 -7.2 +4.4 -2.4 +4.4 -2.4 +4.4 -2.4 +6.4 +6.4 -4.6  |        | +100 | +119   | +91  | 6+   | +2.3    | -4.8 | +73         | +7.5  | +0.7 | -1.3  | +0.4 | +3.7 | \$200 |
| 6.6.3         -6.6.         +1.2         +4.5         +9.2         +1.2         +9.5         +1.2         +0.0         -6.3         +7.0         +6.2         -6.0         -0.0           48.9         -8.6         +8.9         +8.9         +8.9         +8.1         +0.0         -6.3         +8.6         +0.9         -0.0           48.0         -8.7         +3.3         +5.4         +1.00         +1.3         +1.4         +2.1         +0.0         -6.3         +8.6         +0.9         +0.0           49.0         -3.7         +3.3         +5.6         +8.9         +8.9         +8.9         +1.7         +0.0         -6.2         +6.1         +0.0         -6.2         +6.1         +0.0         -6.2         +6.1         +0.0         -6.2         +6.0         +0.0         -6.2         +6.0<  | +6.3 -6.6 +8.9 -9.7 +8.9 -9.7 +10.3 -11.9 +8.1 -9.4 +4.7 -7.6 +7.2 -6.0 +7.2 +4.4 -2.4 +9.0 -10.2 +6.4 -4.6 -10.2 +6.4 -4.6 -10.2 -10.2 -10.2 -10.2 +6.4 -4.6 -10.2 -10.   |        | +77  | +92    | +70  | +10  | +2.2    | -2.9 | +20         | +8.4  | +2.6 | +1.9  | +0.2 | +3.1 | \$141 |
| 6.9.         -9.7         +3.3         +5.4         +100         +139         +147         +21         +0.0         -6.3         +9.5         +8.6         +9.9         +147         +21         +0.0         -6.3         +9.6         +9.9         +147         +21         +0.0         -6.2         +6.1         +10.7         +3.2         +1.8         +1.9         +14.0         +12.0         +22         +2.6         +6.6         +6.1         +10.7         +3.2         +1.8         +1.1         +1.8         +11.1         +15.8         +11.1         +15.8         +11.1         +15.8         +16.7         +2.2         +2.6         +9.7         +17.7         +17.8         +17.9         +2.2         +2.6         +2.6         +17.9 <t< td=""><td>+8.9 -9.7<br/>+9.0 -3.7<br/>+10.3 -11.9<br/>+8.1 -9.4<br/>+4.7 -7.6<br/>+7.7 -11.0<br/>+7.2 -6.0<br/>+7.2 -7.2<br/>+3.9 -2.5<br/>+4.4 -2.4<br/>+9.0 -10.2<br/>+5.1 -7.2<br/>+6.4 -4.6</td><td></td><td>+92</td><td>+123</td><td>+95</td><td>+30</td><td>+2.8</td><td>-5.0</td><td>+70</td><td>+6.2</td><td>9.0-</td><td>6.0-</td><td>-0.1</td><td>+3.6</td><td>\$144</td></t<>  | +8.9 -9.7<br>+9.0 -3.7<br>+10.3 -11.9<br>+8.1 -9.4<br>+4.7 -7.6<br>+7.7 -11.0<br>+7.2 -6.0<br>+7.2 -7.2<br>+3.9 -2.5<br>+4.4 -2.4<br>+9.0 -10.2<br>+5.1 -7.2<br>+6.4 -4.6  |        | +92  | +123   | +95  | +30  | +2.8    | -5.0 | +70         | +6.2  | 9.0- | 6.0-  | -0.1 | +3.6 | \$144 |
| +9.0         -3.7         +3.1         +3.6         +6.8         +89         +17         +20         -6.2         +61         +10.7         +3.2         +13.8         +19.9         +89         +17         +20         -6.2         +61         +10.7         +32         +13.8         +11.9         +78         +20         -6.2         -6.4         +85         +97         +58         +54         +58         +11.9         +78         +20         -6.2         -6.4         +85         +97         +58         +54         +59         +54         +56         -6.9         +77         +77         +79         +   | +9.0 -3.7<br>+10.3 -11.9<br>+8.1 -9.4<br>+4.7 -7.6<br>+7.7 -11.0<br>+7.2 -6.0<br>+7.2 -7.2<br>+7.2 -7.2<br>+3.9 -2.5<br>+4.4 -2.4<br>+9.0 -10.2<br>+5.1 -7.2<br>+6.4 -4.6  |        | +100 | +139   | +147 | +21  | +0.0    | -6.3 | +95         | +8.6  | +0.9 | -0.4  | +0.9 | +1.6 | \$183 |
| +8.1         +0.2         +2.4         +2.6         +2.6         +2.6         +2.6         +3.4         +8.5         +9.7         +5.4         +5.4         +8.5         +9.7         +5.4         +5.4         +8.5         +9.7         +5.4         +5.4         +5.6         +5.4         +8.5         +9.7         +5.8         +5.4         +5.4         +5.8         +5.4         +5.6         +5.7         +1.7         -0.1         -2.9         +5.4         +7.5         +1.7         +0.7         -2.9         +5.7         +1.7         +0.7         -2.9         +5.9         +5.4         +5.6         +5.7         +1.7         -0.1         -2.9         +1.7         +0.7         +5.9         +7.2         +7.2         +7.7         +1.0         +1.4         +1.4         +2.6         +2.6         +2.6         +7.7         +1.7         +0.7         +2.9         +7.7         +1.7         +0.7         +2.8         +0.7         +2.8         +2.9         +1.7         +0.7         +2.8         +2.9         +2.8         +2.9         +2.8         +2.9         +2.9         +2.9         +2.9         +2.9         +2.9         +2.9         +2.9         +2.9         +2.9         +2.9         +2.9 <th< td=""><td>+10.3 -11.9<br/>+8.1 -9.4<br/>+4.7 -7.6<br/>+7.7 -11.0<br/>+7.2 -6.0<br/>+7.2 -7.2<br/>+3.9 -2.5<br/>+4.4 -2.4<br/>+9.0 -10.2<br/>+6.4 -4.6<br/>CEDITS GL</td><td></td><td>+68</td><td>66+</td><td>+89</td><td>+17</td><td>+2.0</td><td>-6.2</td><td>+61</td><td>+10.7</td><td>+3.2</td><td>+1.8</td><td>9.0+</td><td>+4.5</td><td>\$181</td></th<>   | +10.3 -11.9<br>+8.1 -9.4<br>+4.7 -7.6<br>+7.7 -11.0<br>+7.2 -6.0<br>+7.2 -7.2<br>+3.9 -2.5<br>+4.4 -2.4<br>+9.0 -10.2<br>+6.4 -4.6<br>CEDITS GL  |        | +68  | 66+    | +89  | +17  | +2.0    | -6.2 | +61         | +10.7 | +3.2 | +1.8  | 9.0+ | +4.5 | \$181 |
| +8.1         -9.4         +2.6         +5.9         +167         +167         +16         +2.6         -3.6         +75         +1.7         -0.1         -2.9           +4.7         -7.6         +2.7         +4.7         +2.6         +2.6         +2.6         +7.0         +7.9         +1.2         +0.7           +4.7         -7.6         +2.7         +4.7         +90         +14.5         +14.9         +2.6         +2.6         +7.0         +7.9         +7.2         +0.7         +7.9         +7.2         +0.7         +7.9 </td <td>+8.1 -9.4<br/>+4.7 -7.6<br/>+7.7 -11.0<br/>+7.2 -6.0<br/>+7.2 -7.2<br/>+3.9 -2.5<br/>+4.4 -2.4<br/>+9.0 -10.2<br/>+5.1 -7.2<br/>+6.4 -4.6</td> <td></td> <td>+88</td> <td>+116</td> <td>+78</td> <td>+22</td> <td>+2.6</td> <td>-9.4</td> <td>+85</td> <td>+9.7</td> <td>+5.8</td> <td>+5.4</td> <td>+0.2</td> <td>+0.6</td> <td>\$233</td>   | +8.1 -9.4<br>+4.7 -7.6<br>+7.7 -11.0<br>+7.2 -6.0<br>+7.2 -7.2<br>+3.9 -2.5<br>+4.4 -2.4<br>+9.0 -10.2<br>+5.1 -7.2<br>+6.4 -4.6   |        | +88  | +116   | +78  | +22  | +2.6    | -9.4 | +85         | +9.7  | +5.8 | +5.4  | +0.2 | +0.6 | \$233 |
| 44.7         -7.6         +2.7         +48         +90         +121         +92         +23         +1.9         -4.2         +70         +7.9  | +4.7 -7.6<br>+7.7 -11.0<br>+7.2 -6.0<br>+7.2 -7.2<br>+3.9 -2.5<br>+4.4 -2.4<br>+9.0 -10.2<br>+5.1 -7.2<br>+6.4 -4.6  |        | +111 | +158   | +167 | +16  | +2.6    | -3.6 | +75         | +1.7  | -0.1 | -2.9  | -0.7 | +4.5 | \$150 |
| +7.7         +1.0         +5.8         +5.8         +1.9         +14.9         +2.0         +2.6         +2.6         +8.5         +8.5         +8.5         +1.7         +0.3           +7.2         -6.0         +0.7         +34         +7.3         +90         +54         +28         +0.7         -5.8         +49         +8.4         +2.8         +7.1         +6.8         +8.4         +2.6         +2.8         +4.9         +8.4         +2.8         +2.8         +4.9         +8.4         +2.8         +2.8         +4.9         +8.4         +2.8         +2.8         +4.9         +8.8         +2.9         +2.8         +2.9         +2.8         +2.9         +2.8         +2.9         +2.8         +2.9         +2.8         +2.9         +2.9         +2.9         +2.9         +2.9         +2.9         +2.9         +2.9         +2.9         +2.9         +2.9         +2.9         +2.9         +2.9         +2.9 </td <td>+7.7 -11.0<br/>+7.2 -6.0<br/>+7.2 -7.2<br/>+3.9 -2.5<br/>+4.4 -2.4<br/>+9.0 -10.2<br/>+5.1 -7.2<br/>+6.4 -4.6</td> <td></td> <td>06+</td> <td>+121</td> <td>+92</td> <td>+23</td> <td>+1.9</td> <td>-4.2</td> <td>+70</td> <td>+7.9</td> <td>+1.2</td> <td>+0.7</td> <td>+0.3</td> <td>+3.3</td> <td>\$167</td>   | +7.7 -11.0<br>+7.2 -6.0<br>+7.2 -7.2<br>+3.9 -2.5<br>+4.4 -2.4<br>+9.0 -10.2<br>+5.1 -7.2<br>+6.4 -4.6   |        | 06+  | +121   | +92  | +23  | +1.9    | -4.2 | +70         | +7.9  | +1.2 | +0.7  | +0.3 | +3.3 | \$167 |
| +7.2         -6.0         +0.7         +34         +6.7         +28         +0.7         -5.8         +49         +8.4         +2.8         +2.8         +0.7         -5.8         +49         +8.4         +2.8         +2.8         +0.7         -5.8         +49         +1.2         +2.8         +2.8         +2.8         +2.8         +2.8         +2.8         +2.8         +2.8         +2.8         +1.2         +4.9         +8.6         +1.2         +4.9         +8.6         +1.2         +4.9         +8.6         +1.2         +4.9         +7.3         +4.8         +0.9         +4.8         +1.0         +2.7         +5.2         +6.4         +7.3         +3.7         +4.8         +0.9         +4.8         +1.0         +2.7         +2.7         +5.2         +6.4         +7.3         +4.8         +0.9         +1.1         +2.0         +1.4         +6.8         +6.8         +6.9         +6.9         +6.9         +6.7         +6.8         +6.8         +6.9         +6.9         +6.9         +6.7         +7.4         +6.8         +6.9         +6.9         +6.9         +6.9         +6.9         +6.9         +6.9         +6.9         +6.9         +6.9         +6.9         +6.9         +6.9  | +7.2 -6.0<br>+7.2 -7.2<br>+3.9 -2.5<br>+4.4 -2.4<br>+9.0 -10.2<br>+5.1 -7.2<br>+6.4 -4.6   |        | +109 | +145   | +149 | +20  | +2.6    | -8.5 | +85         | +2.3  | +1.7 | +0.3  | -0.3 | +1.7 | \$174 |
| +7.2         +2.4         +2.4         +71         +20         +1.0         -8.0         +49         +8.6         +1.2         +0.9           +3.9         -2.5         +2.1         +49         +82         +71         +20         +2.7         -5.2         +64         +7.3         +3.1         +4.8           +4.4         -2.4         -1.1         +36         +67         +77         +51         +20         +1.4         -6.8         +39         +8.3         +2.9         +0.6           +9.0         -10.2         -1.0         +47         +85         +106         +82         +23         +60         +6.9         +6.9         +0.9         +3.7         +3.7         +3.7         +3.7         +3.7         +3.7         +3.7         +5.8         +0.6         -1.0         -1.0         -1.0         +4.4         +6.9         +1.4         +6.8         +1.4         +6.8         +1.4         +6.8         +1.4         +6.8         +1.4         +6.8         +1.4         +6.8         +1.4         +1.4         +1.4         +1.4         +1.4         +1.4         +1.4         +1.4         +1.4         +1.4         +2.5         +4.1         +5.5         +5.0         +0.0   | +7.2 -7.2<br>+3.9 -2.5<br>+4.4 -2.4<br>+9.0 -10.2<br>+5.1 -7.2<br>+6.4 -4.6  |        | +73  | 06+    | +54  | +28  | +0.7    | -5.8 | +49         | +8.4  | +2.6 | +2.8  | +0.0 | +2.9 | \$148 |
| +3.9         -2.5         +2.4         +3.9         +82         +107         +81         +20         +2.7         -5.2         +64         +7.3         +3.1         +4.8           +4.4         -2.4         -1.1         +36         +67         +77         +51         +20         +1.4         -6.8         +39         +8.3         +2.9         +0.6           +9.0         -10.2         -1.0         +47         +85         +106         +82         +23         +0.2         -7.9         +60         +6.9         +3.7         +3.7           +5.1         -7.2         +3.8         +53         +96         +114         +93         +17         -3.2         +60         +8.5         -0.6         -1.0           +6.4         +6.4         +3.7         +53         +74         +18         +2.5         -4.1         +55         +5.9         -0.6         -1.0           -4.1         +6.4         +6.4         +3.7         +6.9         +105         +74         +18         +2.5         -4.1         +55         +5.9         -0.1         +0.1           -4.1         +6.4         +3.7         +6.0         +0.0         -0.0         -0.0 <td< td=""><td>+3.9 -2.5<br/>+4.4 -2.4<br/>+9.0 -10.2<br/>+5.1 -7.2<br/>+6.4 -4.6<br/>CEDITS GL</td><td></td><td>+80</td><td>+94</td><td>+71</td><td>+20</td><td>+1.0</td><td>-8.0</td><td>+49</td><td>+8.6</td><td>+1.2</td><td>+0.9</td><td>+0.2</td><td>+4.8</td><td>\$211</td></td<>   | +3.9 -2.5<br>+4.4 -2.4<br>+9.0 -10.2<br>+5.1 -7.2<br>+6.4 -4.6<br>CEDITS GL  |        | +80  | +94    | +71  | +20  | +1.0    | -8.0 | +49         | +8.6  | +1.2 | +0.9  | +0.2 | +4.8 | \$211 |
| +4,4         -2,4         -1.1         +36         +67         +77         +51         +20         +1.4         -6.8         +39         +8.3         +2.9         +0.6           +9.0         -10.2         -10.2         -10.2         +10.6         +82         +23         +0.2         -7.9         +60         +0.9         +3.7         +3.7           +5.1         -7.2         +3.8         +53         +96         +114         +93         +13         +1.7         -3.2         +60         +8.5         -0.6         -1.0           +5.1         -4.6         +3.7         +53         +88         +105         +74         +18         +1.7         -3.2         +60         +8.5         -0.6         -1.0           CEDIts         Gl         WIN         +74         +18         +2.5         -4.1         +55         +5.9         -0.1         +0.1           +2.7         A.4         +0.0         40.0         MCW         MIN         SS         DTC         CWT         RA         +0.0         10.3  | +4.4 -2.4<br>+9.0 -10.2<br>+5.1 -7.2<br>+6.4 -4.6<br>CEDITS GL   |        | +82  | +107   | +81  | +20  | +2.7    | -5.2 | +64         | +7.3  | +3.1 | +4.8  | -0.7 | +3.7 | \$177 |
| +9.0         -10.2         -10.2         +47         +85         +106         +82         +23         +0.2         -7.9         +60         +0.9         +3.7         +3  | +9.010.2<br>+5.1 -7.2<br>+6.4 -4.6<br>CEDITS GL  |        | +67  | +77    | +51  | +20  | +1.4    | -6.8 | +39         | +8.3  | +2.9 | +0.6  | -1.0 | +6.0 | \$163 |
| +6.1         -7.2         +3.8         +53         +96         +114         +93         +13         +1.7         -3.2         +60         +8.5         -0.6         -1.0         -1.0           +6.4         -4.6         +3.7         +53         +83         +105         +74         +18         +2.5         -4.1         +55         +5.9         -0.1         +0.1           CEDIts         GL         BWT         200         400         MCW         MIIK         SS         DTC         CWT         EMA         RIB         P8           +27         44         +40   | +5.1 -7.2<br>+6.4 -4.6<br>CEDtrs GL  |        | +85  | +106   | +82  | +23  | +0.2    | -7.9 | 09+         | 6.0+  | +3.7 | +3.7  | -1.0 | +1.9 | \$178 |
| +6.4         +6.4         +3.7         +53         +89         +105         +74         +18         +2.5         -4.1         +55         +5.9         -0.1         +0.1           CEDIts         GL         BWT         200         400         600         MCW         Milk         SS         DTC         CWT         EMA         RIB         P8           +2.7         4.4         +40   | +6.4 -4.6 CEDtrs GL  |        | 96+  | +114   | +93  | +13  | +1.7    | -3.2 | 09+         | +8.5  | 9.0- | -1.0  | +0.9 | +2.4 | \$158 |
| CEDtrs GL BWT 200 400 600 MCW Milk SS DTC CWT EMA RIB P8   | CEDtrs GL  |        | +89  | +105   | +74  | +18  | +2.5    | -4.1 | +55         | +5.9  | -0.1 | +0.1  | +0.3 | +1.2 | \$151 |
| 207  |  |        | 400  | 009    | MCW  | Milk | SS      | DTC  | CWT         | EMA   | RIB  | P8    | RBY  | IMF  | \$PRO |
| -4.4 +4.0 +3.1 +3.4 +1.18 +1.02 +1.7 +2.2 -4.0 +0.4 +0.0 -0.3  | +2.7 -4.4 +4.  | .0 +51 | +92  | +119   | +102 | +17  | +2.2    | -4.6 | +67         | +6.4  | +0.0 | -0.3  | +0.5 | +2.3 | +149  |

## EBV Quick Reference Table

| Calving Ease Growth   |
|---|
| CEDir         CEDtrs         GL         BWT         200         400         600 |
| +10.3 +8.5 -6.1 +0.4 +52 +90 +121   |
| +9.6 +6.9 +10.0 +0.6 +40 +81  |
| +3.3 +3.6 -10.1 +3.5 +49 +103   |
| -3.1 +7.0 -2.1 +4.5 +58 +98   |
| +2.6 +5.4 -3.1 +3.5 +55 +90   |
| +3.9 +5.2 -6.1 +1.7 +45 +86   |
| +1.5 +5.9 -7.3 +4.5 +57 +105  |
| +8.8 +9.2 -8.2 -0.3 +39 +80   |
| +2.3 +5.5 -4.7 +2.4 +37 +70   |
| +0.0 +5.8 -2.4 +4.5 +66 +110  |
| -0.4 -0.8 -5.2 +5.1 +63 +109  |
| -1.3 +1.7 -5.7 +2.6 +50 +97   |
| +5.3 +6.2 -8.0 +2.9 +45 +84   |
| +6.7 +1.7 -7.6 +1.0 +33 +72   |
| +2.8 +4.2 -7.3 +3.9 +49 +99   |
| -3.1 +4.7 -5.1 +5.7 +49 +85   |
| +6.6 +6.9 -10.1 +0.6 +47 +96  |
| +7.3 +1.1 -8.3 +1.7 +39 +71   |
| +6.8 +5.8 -10.1 +3.6 +49 +91  |
| +8.1 +9.8 -8.6 +1.5 +41 +81   |
| +2.8 -7.7 +4.0 +50 +89  |
| +10.3 +7.7 -7.2 -0.4 +52 +88  |
| +9.2 +8.5 -5.7 +0.2 +55 +97   |
| +7.7 +2.0 -8.2 +1.8 +36 +66   |
| +1.9 -7.5 +6.1 +52 +92  |
| -4.6 +3.1 -6.2 +4.8 +54 +97   |
| +7.9 +9.6 -4.6 +0.6 +39 +63   |
| +8.5 +7.9 -9.3 -0.6 +42 +79   |
| +5.2 +4.2 -5.8 +3.4 +4.2 +74  |
| +6.2 +6.0 -5.0 +3.1 +47 +76   |
| +1.8 +1.6 -5.5 +3.5 +55 +104  |
| +7.0 +5.5 -6.6 +3.8 +55 +94   |
| +6.4 +8.9 -11.5 +1.2 +54 +96  |
| +9.5 +2.4 -7.9 -0.5 +32 +63   |
| +1.9 +3.3 -8.1 +5.2 +56 +98   |
| +6.2 +4.3 -7.7 +1.8 +43 +86   |
| +3.2 +2.3 -5.7 +3.6 +3.8 +72  |
| CEDir CEDtrs GL BWT 200 400   |
| +1.8 +2.7 -4.4 +4.0 +51 +92   |
|   |

|          |              |            |           |           |           |           |           |           |           |           |           |           |           |           |           | to        | tara          | ınui                                |
|----------|--------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---------------|-------------------------------------|
| 000001   | Index        | \$PRO      | \$106     | \$181     | \$136     | \$103     | \$178     | \$180     | \$174     | \$197     | \$148     | \$106     | \$117     | \$150     | \$144     | \$152     | \$PRO         | +149                                |
| 0/01/001 |              | IMF        | +2.2      | +4.8      | +2.3      | +1.1      | +1.4      | +3.5      | +1.9      | +2.9      | +0.7      | +1.8      | +1.1      | +1.7      | +4.6      | +2.0      | IMF           | +2.3                                |
|          |              | RBY        | -1.0      | +0.1      | +0.7      | +1.2      | +0.1      | 9.0-      | +0.4      | +0.9      | +0.1      | +0.8      | +0.4      | +0.1      | -0.1      | +0.9      | RBY           | +0.5                                |
|          | ase          | P8         | +3.0      | +1.8      | -1.6      | -2.3      | +0.1      | +2.8      | -1.2      | 8.0-      | +3.0      | -6.3      | -2.5      | +1.8      | +1.2      | -1.6      | P8            | -0.3                                |
|          | Carcase      | RIB        | +2.7      | +2.3      | -1.1      | -1.6      | 9.0+      | +2.7      | -1.2      | +0.7      | +1.1      | 4.0       | +0.0      | +1.7      | +0.2      | 6.0-      | RIB           | +0.0                                |
|          |              | EMA        | +2.6      | +8.8      | +5.5      | +10.2     | +8.3      | +7.3      | +5.8      | +8.3      | +6.2      | +2.0      | +3.4      | +4.8      | +4.4      | +8.4      | EMA           | +6.4                                |
|          |              | CWT        | +55       | +38       | +59       | +47       | 99+       | +20       | +68       | +59       | +71       | +67       | +59       | +65       | +49       | +49       | CWT           | +67                                 |
|          | lity         | DTC        | -4.7      | -5.5      | -3.7      | -3.7      | -6.7      | -6.4      | -6.0      | -6.8      | 4.4       | -3.4      | 4.4       | -4.2      | -3.3      | -7.1      | DTC           | 4.6                                 |
|          | Fertility    | SS         | -1.0      | +2.7      | +4.6      | +0.5      | +2.9      | +2.1      | -1.5      | +1.9      | 6.0-      | +1.2      | +0.1      | -0.1      | +1.8      | +2.4      | SS            | +2.2                                |
|          |              | Milk       | +21       | +23       | +17       | +16       | +18       | +23       | +21       | +18       | +26       | 8+        | +14       | +24       | +20       | +14       | Milk          | +17                                 |
|          |              | MCW        | +95       | +54       | +129      | +72       | +116      | +61       | +92       | +103      | +95       | +174      | +103      | +38       | 09+       | +88       | MCW           | +102                                |
|          | Growth       | 009        | +100      | +94       | +135      | +94       | +131      | +102      | +124      | +113      | +128      | +158      | +113      | +86       | +98       | +101      | 009           | +119                                |
|          |              | 400        | +77       | +71       | +101      | +82       | +101      | +79       | +95       | +94       | +94       | +114      | 98+       | +80       | +78       | +79       | 400           | +92                                 |
|          |              | 200        | +44       | +36       | +53       | +47       | +57       | +44       | +57       | +52       | +45       | +68       | +44       | +46       | +39       | +48       | 200           | +51                                 |
|          |              | BWT        | +2.4      | +0.0      | +3.4      | +4.8      | 4.4.4     | +1.9      | +3.4      | +4.3      | +1.9      | 9.9+      | +3.2      | +0.3      | 6.0+      | +3.6      | BWT           | +4.0                                |
|          | Ease         | GL         | 4.3       | -6.7      | -6.3      | -1.6      | 4.7       | -9.1      | 9.9-      | -6.7      | -9.5      | -6.1      | -7.5      | -6.5      | -5.4      | -3.5      | GL            | 4.4                                 |
|          | Calving Ease | CEDtrs     | 6.9+      | +8.6      | +1.5      | 8.0-      | +6.4      | +5.6      | +4.2      | +7.2      | +6.5      | +3.2      | +7.8      | +7.8      | +4.5      | +9.2      | CEDtrs        | +2.7                                |
|          |              | CEDir      | +2.5      | +7.5      | -0.5      | -2.8      | +1.8      | +8.0      | +3.3      | +5.1      | +7.7      | -8.3      | +4.7      | +8.5      | +5.1      | -3.9      | CEDir         | +1.8                                |
|          | tool lowing  | ושו ומפווו | INZ23U341 | INZ23U011 | INZ23U344 | INZ23U059 | INZ23U313 | INZ23U057 | INZ23U351 | INZ23U074 | INZ23U356 | INZ23U331 | INZ23U306 | INZ23U043 | INZ23U063 | INZ23U348 | TACE IPAIL of | Transfasman Angus Cattle Evaluation |
|          | \<br>\<br>!! |            | 75 IN     | 76 II     | 77 IN     | 78 IN     | 79 IN     | 80        | 81 IN     | 82 IN     | 83 IN     | 84        | 85 IN     | 86 IN     | 87 IN     | 88 IN     | TAC           | TransTasman                         |

Top 10% Top 50%

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Date of Birth Animal Ident Register 9/8/2023 INZ23U017 **HBR** 

WARRAWEE GENERAL TURIKU M1 M01sv





Comments: Cow bull. Dam has some size to her given the grand sire being by Poss Impact. This bull does rate well in maternal calving ease (of daughters). Good growth and positive fats. Carcass weight in top 25%.

PATHFINDER GENESIS G357PV Sire: WARRAWEE PATROL P29PV

Dam: TOTARANUI M341# TOTARANUI 838#

TOTARANUI 13048#

|          | 2024 Tra | ınsTasmaı | n Angus ( | Cattle Eva | luation |     | Gene   | etic Conditio | ons: AMFU | ,CAFU,DD | FU,NHFU |     |      | Traits | Observed | :GL,BWT, | 200WT,G | Genomics |
|----------|----------|-----------|-----------|------------|---------|-----|--------|---------------|-----------|----------|---------|-----|------|--------|----------|----------|---------|----------|
| TACE     |          | Calving   | g Ease    |            |         |     | Growth |               |           | Fer      | tility  |     |      | Card   | case     |          |         | \$ Index |
| TACE     | CEDir    | CEDtrs    | GL        | BWT        | 200     | 400 | 600    | MCW           | Milk      | SS       | DC      | CWT | EMA  | Rib    | P8       | RBY      | IMF     | PRO      |
| EBV      | -2.0     | +6.7      | -7.7      | +4.8       | +53     | +97 | +116   | +131          | +7        | +1.7     | -6.3    | +76 | +4.9 | +2.8   | +2.7     | +0.1     | +1.5    | \$165    |
| Acc      | 64%      | 55%       | 82%       | 81%        | 82%     | 80% | 80%    | 77%           | 73%       | 77%      | 44%     | 70% | 69%  | 69%    | 70%      | 60%      | 74%     | φίου     |
| Perc     | 81       | 14        | 10        | 68         | 40      | 36  | 56     | 13            | 98        | 65       | 16      | 26  | 67   | 7      | 10       | 71       | 69      | 36       |
| Purchase | er:      |           |           |            |         |     |        |               |           |          |         | \$: |      |        |          |          |         |          |

TOTARANUI U037PV

Date of Birth Animal Ident Register 15/8/2023 INZ23U037 **HBR** 

HD50K



Comments: Out of a nice cow, square, quiet and well footed. She has been productive, 2017 born, calf every year from 2yo. Very good calving ease with good fertility, growth and carcass suggested by the dataset. Good heifer bull.

PATHFINDER GENESIS G357PV Sire: WARRAWEE PATROL P29PV WARRAWEE GENERAL TURIKU M1 M01sv

Dam: TOTARANUI N401# TOTARANUI 14289#

BASIN PAYWEIGHT 1682PV

| August   | 2024 Tra | ınsTasmaı | n Angus ( | Cattle Eva | luation |     | Gene   | etic Conditio | ons: AMFU | ,CAFU,DD | FU,NHFU |     |      | Traits | Observed | :GL,BWT, | 200WT,G | enomics  |
|--|----------|-----------|-----------|------------|---------|-----|--------|---------------|-----------|----------|---------|-----|------|--------|----------|----------|---------|----------|
| TACE   |          | Calving   | g Ease    |            |         |     | Growth |               |           | Fer      | tility  |     |      | Card   | case     |          |         | \$ Index |
| TACE  [Ted]  Transfizinan Angus Cattle Evolution | CEDir    | CEDtrs    | GL        | BWT        | 200     | 400 | 600    | MCW           | Milk      | SS       | DC      | CWT | EMA  | Rib    | P8       | RBY      | IMF     | PRO      |
| EBV  | +7.1     | +8.0      | -5.0      | +2.2       | +48     | +93 | +118   | +104          | +21       | +2.5     | -7.4    | +80 | +8.7 | +3.4   | +0.4     | +0.2     | +2.3    | \$190    |
| Acc  | 65%      | 56%       | 83%       | 81%        | 82%     | 80% | 80%    | 77%           | 74%       | 78%      | 46%     | 70% | 70%  | 69%    | 71%      | 61%      | 74%     | φιθΟ     |
| Perc   | 11       | 7         | 40        | 16         | 65      | 46  | 52     | 46            | 20        | 36       | 6       | 18  | 24   | 4      | 37       | 65       | 47      | 15       |
| Purchase   | er:      |           |           |            |         |     |        |               |           |          |         | \$: |      |        |          |          |         |          |

### LOT TOTARANUI U039PV

Date of Birth Animal Ident 18/8/2023 INZ23U039

Register HD50K **HBR** 



Comments: Out of a nice cow, showing her sire's qualities of softness and temperament. This bull shows middle of the road calving ease, but very strong growth. More of a cow bull. Bull has good Carcass Weight, EMA and IMF.

GARINERTIAPV Sire: WAIRERE REAL DEAL H829PV WAIRERE E664<sup>SV</sup>

SYDGEN ENHANCESV Dam: TOTARANUI R619sv TOTARANUI 15202SV

| August                                  | 2024 Tra | nsTasmar | n Angus ( | Cattle Eva | luation |     | Gene   | etic Conditio | ons: AMFU | ,CAFU,DDF | FU,NHFU |     |      | Traits | Observed | :GL,BWT, | 200WT,G | Genomics |
|---|----------|----------|-----------|------------|---------|-----|--------|---------------|-----------|-----------|---------|-----|------|--------|----------|----------|---------|----------|
| TACE                                    |          | Calvin   | g Ease    |            |         |     | Growth |               |           | Fert      | ility   |     |      | Card   | case     |          |         | \$ Index |
| Transferance Angus<br>Cattle Evaluation | CEDir    | CEDtrs   | GL        | BWT        | 200     | 400 | 600    | MCW           | Milk      | SS        | DC      | CWT | EMA  | Rib    | P8       | RBY      | IMF     | PRO      |
| EBV                                     | +0.1     | +4.1     | -4.1      | +4.3       | +57     | +98 | +137   | +107          | +21       | +4.2      | -5.7    | +74 | +7.8 | -0.8   | -1.5     | +0.2     | +3.0    | \$174    |
| Acc                                     | 67%      | 58%      | 82%       | 81%        | 83%     | 80% | 81%    | 78%           | 74%       | 78%       | 42%     | 69% | 69%  | 68%    | 69%      | 60%      | 74%     | Φ1/4     |
| Perc                                    | 69       | 39       | 55        | 57         | 23      | 31  | 16     | 42            | 20        | 5         | 26      | 32  | 33   | 67     | 70       | 65       | 30      | 27       |
| Purchase                                | ar.      |          |           |            |         |     |        |               |           |           |         | \$. |      |        |          |          |         |          |

### TOTARANUI U204PV

Date of Birth Animal Ident Register INZ23U204 4/8/2023



CLUNES CROSSING DUSTY M13PV



Comments: Out of a well footed, quiet cow. This is a cow bull with very strong growth potential, top 10% scrotal, and some good carcass qualities including IMF and EMA.

BALDRIDGE ALTERNATIVE E125PV Sire: TOTARANUI S021PV

TOTARANUI N454#

Dam: TOTARANUI S658PV TOTARANUI M213#

**HBR** 

| August                                | 2024 Tra | ınsTasmaı | n Angus ( | Cattle Eva | luation |      | Gene   | etic Conditio | ons: AMFL | J,CAFU,DDI | FU,NHFU |     |      | Tra  | aits Obser | ved: BWT, | 200WT,G | enomics  |
|---------------------------------------|----------|-----------|-----------|------------|---------|------|--------|---------------|-----------|------------|---------|-----|------|------|------------|-----------|---------|----------|
| TACE                                  |          | Calvin    | g Ease    |            |         |      | Growth |               |           | Fer        | tility  |     |      | Card | case       |           |         | \$ Index |
| Franciscon Angus<br>Cattle Evaluation | CEDir    | CEDtrs    | GL        | BWT        | 200     | 400  | 600    | MCW           | Milk      | SS         | DC      | CWT | EMA  | Rib  | P8         | RBY       | IMF     | PRO      |
| EBV                                   | +1.7     | +1.3      | -4.4      | +4.7       | +58     | +107 | +136   | +119          | +19       | +4.2       | -6.9    | +66 | +9.3 | +0.7 | -1.8       | +0.3      | +4.0    | \$203    |
| Acc                                   | 63%      | 53%       | 81%       | 81%        | 82%     | 80%  | 80%    | 77%           | 73%       | 78%        | 39%     | 68% | 67%  | 67%  | 68%        | 58%       | 72%     | φ203     |
| Perc                                  | 57       | 69        | 50        | 66         | 18      | 13   | 18     | 25            | 36        | 5          | 9       | 56  | 19   | 33   | 74         | 59        | 13      | 8        |
| Purchase                              | er:      |           |           |            |         |      |        |               |           |            |         | \$: |      |      |            |           |         |          |

| Breed | Avera | ge EBVs | - Augu | ıst 2024 | 4 Trans | Tasmar | n Angus | Cattle E | Evaluat | ion  |        |     |     |     |     |     |         |       |     |       | Top 10 | % To | op 50%   |
|-------|-------|---------|--------|----------|---------|--------|---------|----------|---------|------|--------|-----|-----|-----|-----|-----|---------|-------|-----|-------|--------|------|----------|
| TACE  |       | Calving | g Ease |          |         |        | Growth  |          |         | Fert | tility |     |     |     |     |     | Carcase | е     |     |       |        |      | \$ Index |
|       |       | CEDtrs  | GL     | BWT      | 200     | 400    | 600     | MCW      | Milk    | SS   | DC     | CWT | EMA | Rib | P8  | RBY | IMF     | NFI-F | Doc | Claw  | Angle  | Leg  | PRO      |
| FBV   | +18   | +27     | -4.4   | -40      | +51     | +92    | +119    | +102     | +17     | +22  | -46    | +67 | +64 | +00 | -03 | +05 | +23     | +0.22 | +21 | +0.84 | +0.97  | +102 | +149     |



Date of Birth Animal Ident Register 24/8/2023 INZ23U267 HBR



Comments: Cow bull. Out of one of our best cows - she is thick and square, quiet and on good feet. Good growth here, scrotal and IMF.

GARHOMETOWN<sup>PV</sup> Sire: HPCABOUNTIFUL# HPCASUNRISE A246#

RENNYLEAL 508PV Dam: TOTARANUI P484sv TOTARANUI 15210#

|   | 2024 Tra | nsTasmar | n Angus ( | Cattle Eva | luation |     | Gene   | etic Conditio | ons: AMFU | ,CAFU,DDF | FU,NHFU |     |      | Traits | Observed | :GL,BWT, | 200WT,G | Genomics |
|---|----------|----------|-----------|------------|---------|-----|--------|---------------|-----------|-----------|---------|-----|------|--------|----------|----------|---------|----------|
| TACE  |          | Calving  | g Ease    |            |         |     | Growth |               |           | Fer       | ility   |     |      | Card   | case     |          |         | \$ Index |
| TACE []Yet[[]Yet[] Transflorman Angus Cattle Evaluation | CEDir    | CEDtrs   | GL        | BWT        | 200     | 400 | 600    | MCW           | Milk      | SS        | DC      | CWT | EMA  | Rib    | P8       | RBY      | IMF     | PRO      |
| EBV   | -11.7    | -4.7     | -1.1      | +4.4       | +56     | +95 | +123   | +103          | +21       | +2.8      | -5.2    | +57 | +7.8 | -3.5   | -6.3     | +0.9     | +3.6    | \$99     |
| Acc   | 66%      | 56%      | 83%       | 82%        | 83%     | 81% | 81%    | 78%           | 75%       | 79%       | 42%     | 71% | 70%  | 69%    | 70%      | 61%      | 74%     | фээ      |
| Perc  | 99       | 96       | 91        | 59         | 27      | 40  | 41     | 48            | 20        | 27        | 36      | 79  | 33   | 98     | 99       | 24       | 19      | 90       |
| Purchase  | er:      |          |           |            |         |     |        |               |           |           |         | \$: |      |        |          |          |         |          |

### TOTARANUI U270PV

Date of Birth 25/8/2023 INZ23U270

Animal Ident Register HBR





Comments: Out of a cow of nice type, she has a superb dataset, both calving ease and growth. This son has both growth and calving ease, with very short gestation potential. By a son of Zephyr, Zephyr has bred well for us, has great growth and carcass but with good ease of calving.

HPCAZEPHYR<sup>SV</sup> Sire: TOTARANUI S206PV TOTARANUI P304sv

DIABLO DELUXE 1104PV Dam: TOTARANUI S414<sup>SV</sup> TOTARANUI 15260sv

| _   | 2024 Tra | nsTasmar | n Angus ( | Cattle Eva | luation |     | Gene   | etic Conditio | ons: AMFU | ,CAFU,DDI | FU,NHFU |     |      | Tra  | aits Obser | ved: BWT, | 200WT,G | Genomics |
|---|----------|----------|-----------|------------|---------|-----|--------|---------------|-----------|-----------|---------|-----|------|------|------------|-----------|---------|----------|
| TACE  |          | Calving  | g Ease    |            |         |     | Growth |               |           | Fer       | tility  |     |      | Card | case       |           |         | \$ Index |
| TACE  [Tot [] [tot ]  Torstornan Angus Gatle (valuation | CEDir    | CEDtrs   | GL        | BWT        | 200     | 400 | 600    | MCW           | Milk      | SS        | DC      | CWT | EMA  | Rib  | P8         | RBY       | IMF     | PRO      |
| EBV   |          |          |           |            |         |     | +125   | +75           | +24       | +2.1      | -6.4    | +72 | +4.6 | +1.0 | +0.3       | -0.5      | +1.8    | \$165    |
| Acc   | 62%      | 52%      | 81%       | 80%        | 82%     | 79% | 80%    | 76%           | 72%       | 77%       | 38%     | 67% | 67%  | 66%  | 68%        | 58%       | 72%     | \$100    |
| Perc  | 43       | 38       | 1         | 38         | 53      | 32  | 36     | 86            | 9         | 50        | 15      | 36  | 71   | 27   | 38         | 92        | 61      | 36       |
| Purchasi  | ≏r∙      |          |           |            |         |     |        |               |           |           |         | \$. |      |      |            |           |         |          |

### TOTARANUI U243PV

Date of Birth 15/8/2023

Animal Ident INZ23U243

Register

**HBR** 

Register

**HBR** 





Comments: Out of a younger cow, calved as a 2yo like all Totaranui females do, to be retained. This bull shows curve bending performance, good calving ease and good growth.

DIABLO DELUXE 1104PV Sire: TOTARANUI S215PV

TOTARANUI P447<sup>SV</sup>

BALDRIDGE ALTERNATIVE E125PV Dam: TOTARANUI S427PV TOTARANUI 14307sv

| August   | 2024 Tra | ınsTasmar | n Angus ( | Cattle Eva | luation |      | Gene   | etic Conditio | ons: AMFU | ,CAFU,DDI | FU,NHFU |     |      | Tra  | aits Obser | ved: BWT, | 200WT,G | enomics  |
|--|----------|-----------|-----------|------------|---------|------|--------|---------------|-----------|-----------|---------|-----|------|------|------------|-----------|---------|----------|
| TACE   |          | Calving   | g Ease    |            |         |      | Growth |               |           | Fer       | tility  |     |      | Card | case       |           |         | \$ Index |
| TACE []Ted[[]]Tel[] TearsTearnan Angus Castle Evaluation | CEDir    | CEDtrs    | GL        | BWT        | 200     | 400  | 600    | MCW           | Milk      | SS        | DC      | CWT | EMA  | Rib  | P8         | RBY       | IMF     | PRO      |
| EBV  | +5.4     | +10.1     | -9.5      | +2.7       | +60     | +109 | +146   | +141          | +17       | +2.7      | -1.5    | +66 | +3.9 | +0.3 | -0.9       | -0.2      | +2.2    | \$135    |
| Acc  | 63%      | 52%       | 81%       | 81%        | 82%     | 80%  | 80%    | 77%           | 73%       | 77%       | 38%     | 68% | 67%  | 67%  | 68%        | 58%       | 72%     | \$135    |
| Perc   | 23       | 1         | 3         | 23         | 14      | 11   | 8      | 7             | 52        | 29        | 96      | 56  | 78   | 42   | 60         | 84        | 49      | 67       |
| Purchase   | er:      |           |           |            |         |      |        |               |           |           |         | \$: |      |      |            |           |         |          |

### TOTARANUI U036PV

Date of Birth 14/8/2023

Animal Ident INZ23U036





Comments: Out of a quiet, medium cow, well footed. This bull's birth weight and Ease of Calving Direct ebvs in top 15%, gestation not far behind. His growth is adequate, and has good fats in his carcass dataset. Note white pizzle.

PATHFINDER GENESIS G357PV

TOTARANUI 12286# Sire: WARRAWEE PATROL P29PV Dam: TOTARANUI M311# WARRAWEE GENERAL TURIKU M1 M01sv TOTARANUI730#

|   | 2024 Tra | nsTasmar | n Angus C | Cattle Eva | luation |     | Gene   | etic Conditi | ons: AMFL | J,CAFU,DD | FU,NHFU |     |      | Traits | Observed | :GL,BWT, | 200WT,G | enomics  |
|---|----------|----------|-----------|------------|---------|-----|--------|--------------|-----------|-----------|---------|-----|------|--------|----------|----------|---------|----------|
| TACE  |          | Calving  | g Ease    |            |         |     | Growth |              |           | Fer       | tility  |     |      | Card   | case     |          |         | \$ Index |
| TACE []Tot[[]]tu[] Transflorman Angus Cuttle Evaluation | CEDir    | CEDtrs   | GL        | BWT        | 200     | 400 | 600    | MCW          | Milk      | SS        | DC      | CWT | EMA  | Rib    | P8       | RBY      | IMF     | PRO      |
| EBV   | +7.1     | +7.5     | -6.5      | +2.3       | +41     | +76 | +104   | +92          | +19       | +1.6      | -7.3    | +59 | +4.8 | +2.6   | +2.7     | +0.2     | +1.5    | \$166    |
| Acc   | 64%      | 55%      | 82%       | 81%        | 82%     | 80% | 80%    | 77%          | 73%       | 77%       | 44%     | 70% | 70%  | 69%    | 71%      | 61%      | 74%     | \$100    |
| Perc  | 11       | 9        | 20        | 17         | 89      | 89  | 79     | 65           | 36        | 69        | 6       | 75  | 69   | 8      | 10       | 65       | 69      | 34       |
| Purchas   | er:      |          |           |            |         |     |        |              |           |           |         | \$: |      |        |          |          |         |          |

| Breed                                  | Avera | ge EBVs | - Augu | st 2024 | 4 Trans | Tasmar | Angus  | Cattle E | valuat | ion  |        |     |      |      |      |      |         |       |     |       | Top 10 | % To  | op 50%   |
|--|-------|---------|--------|---------|---------|--------|--------|----------|--------|------|--------|-----|------|------|------|------|---------|-------|-----|-------|--------|-------|----------|
| TACE                                   |       | Calving | Ease   |         |         |        | Growth |          |        | Fert | tility |     |      |      |      |      | Carcase | •     |     |       |        |       | \$ Index |
| Translasman Angus<br>Cartie Evaluation | CEDir | CEDtrs  | GL     | BWT     | 200     | 400    | 600    | MCW      | Milk   | SS   | DC     | CWT | EMA  | Rib  | P8   | RBY  | IMF     | NFI-F | Doc | Claw  | Angle  | Leg   | PRO      |
| EBV                                    | +1.8  | +2.7    | -4.4   | -4.0    | +51     | +92    | +119   | +102     | +17    | +2.2 | -4.6   | +67 | +6.4 | +0.0 | -0.3 | +0.5 | +2.3    | +0.22 | +21 | +0.84 | +0.97  | +1.02 | +149     |

LОТ **9** 

### TOTARANUI U034PV

Date of Birth Animal Ident Register
13/8/2023 INZ23U034 HBR





Comments: Out of a sound, quiet cow, she is by Stokman L194, a bull we used widely as a heifer bull. She has calving ease and growth. This bull has a great combination of calving ease and growth, he could be used as a heifer bull with close management, in a herd that regularly mates heifers. His own birth weight EBV is better than average, his gestation is in the top 5%.

PATHFINDER GENESIS G357<sup>PV</sup>
Sire: WARRAWEE PATROL P29<sup>PV</sup>
WARRAWEE GENERAL TURIKU M1 M01<sup>SV</sup>

STOKMAN ALL IN L194<sup>SV</sup>

Dam: TOTARANUI N394<sup>SV</sup>

TOTARANUI 14253<sup>SV</sup>

| August   | 2024 Tra | nsTasmaı | n Angus ( | Cattle Eva | luation |      | Gene   | etic Conditio | ons: AMFU | ,CAFU,DD | FU,NHFU |      |       | Traits | Observed | :GL,BWT, | 200WT,G | enomics  |
|----------|----------|----------|-----------|------------|---------|------|--------|---------------|-----------|----------|---------|------|-------|--------|----------|----------|---------|----------|
| TACE     |          | Calvin   | g Ease    |            |         |      | Growth |               |           | Fer      | tility  |      |       | Car    | case     |          |         | \$ Index |
| TACE     | CEDir    | CEDtrs   | GL        | BWT        | 200     | 400  | 600    | MCW           | Milk      | SS       | DC      | CWT  | EMA   | Rib    | P8       | RBY      | IMF     | PRO      |
| EBV      | +0.2     | +6.7     | -8.9      | +3.9       | +62     | +111 | +151   | +162          | +22       | +1.9     | -5.0    | +100 | +10.0 | -1.3   | -3.5     | +2.1     | -0.2    | \$153    |
| Acc      | 66%      | 58%      | 83%       | 82%        | 83%     | 81%  | 81%    | 79%           | 75%       | 79%      | 46%     | 72%  | 71%   | 71%    | 72%      | 63%      | 76%     | \$103    |
| Perc     | 68       | 14       | 4         | 48         | 9       | 8    | 5      | 2             | 18        | 58       | 41      | 2    | 15    | 77     | 92       | 1        | 97      | 48       |
| Purchase | er:      |          |           |            |         |      |        |               |           |          |         | \$:  |       |        |          |          |         |          |



### TOTARANUI U020PV

Date of Birth A 9/8/2023 IN

Animal Ident Register INZ23U020 HBR





Comments: Out of a quiet dam with a good ease of calving dataset. This bull's ease of calving data are in the top 20%, not including that of his daughters. His growth is close to the New Zealand breed average for 200 400 and 600 day weights. Plenty of carcass merit potential.

GARINERTIAPV

Sire: WAIRERE REAL DEAL H829<sup>PV</sup>
WAIRERE E664<sup>SV</sup>

CLUNES CROSSING DUSTY M13PV

Dam: TOTARANUI R409<sup>sv</sup>
TOTARANUI 078#

| August   | 2024 Tra | nsTasmar | n Angus ( | Cattle Eva | luation |     | Gene   | etic Conditio | ons: AMFL | ,CAFU,DD | FU,NHFU |     |       | Traits | Observed | :GL,BWT, | 200WT,G | enomics  |
|----------|----------|----------|-----------|------------|---------|-----|--------|---------------|-----------|----------|---------|-----|-------|--------|----------|----------|---------|----------|
| TACE     |          | Calving  | g Ease    |            |         |     | Growth |               |           | Fer      | tility  |     |       | Card   | case     |          |         | \$ Index |
| TACE     | CEDir    | CEDtrs   | GL        | BWT        | 200     | 400 | 600    | MCW           | Milk      | SS       | DC      | CWT | EMA   | Rib    | P8       | RBY      | IMF     | PRO      |
| EBV      | +5.8     | +3.8     | -7.3      | +2.2       | +48     | +82 | +110   | +58           | +21       | +1.9     | -5.7    | +65 | +13.8 | +3.4   | +5.1     | +0.8     | +1.1    | \$207    |
| Acc      | 65%      | 56%      | 82%       | 81%        | 82%     | 80% | 80%    | 77%           | 73%       | 78%      | 41%     | 69% | 68%   | 68%    | 69%      | 59%      | 73%     | \$207    |
| Perc     | 20       | 43       | 12        | 16         | 64      | 78  | 69     | 96            | 21        | 58       | 26      | 59  | 2     | 4      | 2        | 29       | 79      | 6        |
| Purchase | er.      |          |           |            |         |     |        |               |           |          |         | \$: |       |        |          |          |         |          |



### **TOTARANUI U224**PV

Date of Birth 10/8/2023 Animal Ident INZ23U224

Register HBR





Comments: Out of a thick moderately framed cow, nice top line. Productive, born 2017 and a calf every year, first mated as a yearling - as all Totaranui females are. His own birth weight is low enough to be a heifer bull, as indicated by Calving Ease Direct being in top 31%.

GARHOME TOWN<sup>PV</sup>

Sire: GARHOMETOWN HERO<sup>SV</sup> GARMOMENTUM 2977\* CONNEALY COMRADE 1385<sup>‡</sup>

Dam: TOTARANUI N381# TOTARANUI 768#

| August                                  | 2024 Tra | nsTasmar | n Angus ( | Cattle Eva | luation |     | Gene   | etic Conditio | ons: AMFU | J,CAFU,DDI | FU,NHFU |     |      | Traits | Observed | :GL,BWT, | 200WT,G | enomics     |
|---|----------|----------|-----------|------------|---------|-----|--------|---------------|-----------|------------|---------|-----|------|--------|----------|----------|---------|-------------|
| TACE                                    |          | Calving  | Ease      |            |         |     | Growth |               |           | Fer        | tility  |     |      | Car    | case     |          |         | \$ Index    |
| Transflasman Angus<br>Cattle Evaluation | CEDir    | CEDtrs   | GL        | BWT        | 200     | 400 | 600    | MCW           | Milk      | SS         | DC      | CWT | EMA  | Rib    | P8       | RBY      | IMF     | PRO         |
| EBV                                     | +4.7     | -0.3     | -1.7      | +3.0       | +55     | +93 | +105   | +81           | +11       | +2.2       | -6.8    | +64 | +8.1 | -2.8   | -4.7     | +1.5     | +2.3    | <b>#100</b> |
| Acc                                     | 66%      | 57%      | 84%       | 82%        | 83%     | 81% | 81%    | 78%           | 74%       | 78%        | 41%     | 70% | 70%  | 69%    | 70%      | 61%      | 74%     | \$193       |
| Perc                                    | 29       | 80       | 87        | 28         | 31      | 46  | 78     | 80            | 89        | 47         | 10      | 62  | 30   | 95     | 97       | 6        | 47      | 13          |
| Purchase                                | er:      |          |           |            |         |     |        |               |           |            |         | \$: |      |        |          |          |         |             |



### **TOTARANUI U021**PV

Date of Birth 9/8/2023

Animal Ident INZ23U021

Register HBR





Comments: Cow bull. Dam of good type, bred by the solid L194 that has bred so well for us. EBVs are in the right place for growth, fertility and carcass. Carcass weight and EMA in top 10%.

PATHFINDER GENESIS G357<sup>PV</sup>

Sire: WARRAWEE PATROL P29PV

WARRAWEE GENERAL TURIKU M1 M01sv

STOKMAN ALL IN L194  $^{\rm SV}$  Dam: TOTARANUI N384  $^{\rm SV}$ 

TOTARANUI 14241<sup>SV</sup>

|   | 2024 Tra | nsTasmar | n Angus C | Cattle Eva | luation |      | Gene   | etic Conditi | ons: AMFL | ,CAFU,DD | FU,NHFU |     |       | Traits | Observed | :GL,BWT, | 200WT,G | enomics  |
|---|----------|----------|-----------|------------|---------|------|--------|--------------|-----------|----------|---------|-----|-------|--------|----------|----------|---------|----------|
| TACE  |          | Calving  | Ease      |            |         |      | Growth |              |           | Fer      | tility  |     |       | Card   | case     |          |         | \$ Index |
| TACE []Tel[[]]tel[[ Torstleren Argus Coste Evaluation | CEDir    | CEDtrs   | GL        | BWT        | 200     | 400  | 600    | MCW          | Milk      | SS       | DC      | CWT | EMA   | Rib    | P8       | RBY      | IMF     | PRO      |
| EBV   | +0.7     | +5.9     | -6.6      | +5.1       | +51     | +105 | +128   | +116         | +19       | +2.6     | -7.2    | +91 | +14.9 | -0.6   | -2.4     | +2.9     | -1.3    | \$189    |
| Acc   | 65%      | 56%      | 83%       | 81%        | 83%     | 81%  | 81%    | 78%          | 74%       | 78%      | 45%     | 71% | 70%   | 70%    | 71%      | 62%      | 75%     | Ф109     |
| Perc  | 65       | 21       | 19        | 74         | 47      | 17   | 30     | 28           | 35        | 32       | 7       | 5   | 1     | 63     | 82       | 1        | 99      | 15       |
| Purchase  | er:      |          |           |            |         |      |        |              |           |          |         | \$: |       |        |          |          |         |          |

Breed Average EBVs - August 2024 TransTasman Angus Cattle Evaluation Top 10% Top 50% TACE CEDir CEDtrs GL BWT 200 400 600 MCW Milk SS DC CWT EMA Rib P8 RBY IMF NFI-F Doc Claw Angle Leg PRO EBV +1.8 +2.7 -4.4 -4.0 +92 +102 +17 +2.2 -4.6 +67 +6.4 +0.0 -0.3 +0.5 +2.3 +0.22 +21 +0.84 +0.97 +1.02 +149



Date of Birth Animal Ident Register 26/8/2023 INZ23U274 HBR





Comments: Out of a productive low birth weight cow. This bull also has very good calving ease, and good weaner growth potential. Good prospect as a heifer bull.

BALDRIDGE BEAST MODE B074<sup>PV</sup>
Sire: CLUNIE RANGE PLANTATION P392<sup>SV</sup>
CLUNIE RANGE NAOMI M516\*

TOTARANUI M036\*

Dam: TOTARANUI P468sv

TOTARANUI M306\*

|  | 2024 Tra | nsTasmaı | n Angus ( | Cattle Eva | luation |     | Gene   | etic Conditio | ons: AMFU | ,CAFU,DD | FU,NHFU |     |      | Traits | Observed | :GL,BWT, | 200WT,G | enomics  |
|--|----------|----------|-----------|------------|---------|-----|--------|---------------|-----------|----------|---------|-----|------|--------|----------|----------|---------|----------|
| TACE   |          | Calvin   | g Ease    |            |         |     | Growth |               |           | Fer      | tility  |     |      | Card   | case     |          |         | \$ Index |
| TACE [][**[[]]**[] Transflorman Angus Castle Evolution | CEDir    | CEDtrs   | GL        | BWT        | 200     | 400 | 600    | MCW           | Milk      | SS       | DC      | CWT | EMA  | Rib    | P8       | RBY      | IMF     | PRO      |
| EBV  | +7.6     | +7.2     | -9.9      | +1.8       | +52     | +87 | +110   | +78           | +18       | +1.9     | -4.8    | +56 | -2.3 | +0.3   | -1.0     | -0.6     | +2.6    | \$145    |
| Acc  | 67%      | 56%      | 83%       | 82%        | 83%     | 81% | 81%    | 78%           | 74%       | 79%      | 41%     | 71% | 71%  | 71%    | 72%      | 62%      | 75%     | Φ145     |
| Perc   | 8        | 11       | 2         | 11         | 46      | 64  | 69     | 84            | 39        | 58       | 45      | 81  | 99   | 42     | 61       | 94       | 39      | 56       |
| Purchase   | er:      |          |           |            |         |     |        |               |           |          |         | \$: |      |        |          |          |         |          |



Date of Birth 8/8/2023 Animal Ident Register INZ23U215 HBR





Comments: Out of a quiet ease of calving cow. This is a heifer bull, trading growth for calving ease. Has some good carcass attributes - EMA in top 10%, positive fats and high level of IMF.

 $\label{eq:GARHOMETOWNPV} $$ Sire: HPCABOUNTIFUL^{\#}$ $$ HPCASUNRISE A246^{\#}$$ 

KAURI KMBB295<sup>SV</sup>
Dam: TOTARANUI P419<sup>SV</sup>
TOTARANUI M270#

| August  | 2024 Tra | nsTasmar | n Angus ( | Cattle Eva | luation |     | Gene   | etic Conditio | ons: AMFU | ,CAFU,DDI | FU,NHFU |     |       | Traits | Observed | : GL,BWT, | 200WT,G | Genomics |
|---|----------|----------|-----------|------------|---------|-----|--------|---------------|-----------|-----------|---------|-----|-------|--------|----------|-----------|---------|----------|
| TACE  |          | Calving  | g Ease    |            |         |     | Growth |               |           | Fer       | tility  |     |       | Card   | case     |           |         | \$ Index |
| TACE []Ted[[]tel[] Transforman Angus Cottle Evolution | CEDir    | CEDtrs   | GL        | BWT        | 200     | 400 | 600    | MCW           | Milk      | SS        | DC      | CWT | EMA   | Rib    | P8       | RBY       | IMF     | PRO      |
| EBV   | +6.0     | +1.9     | -5.0      | +1.1       | +36     | +73 | +87    | +44           | +26       | +0.8      | -5.9    | +47 | +11.2 | +0.0   | +0.3     | +0.3      | +3.6    | Ф1EO     |
| Acc   | 65%      | 54%      | 83%       | 82%        | 82%     | 80% | 81%    | 78%           | 74%       | 78%       | 38%     | 69% | 68%   | 68%    | 68%      | 59%       | 73%     | \$153    |
| Perc  | 18       | 63       | 40        | 6          | 96      | 93  | 96     | 99            | 5         | 90        | 22      | 94  | 9     | 49     | 38       | 59        | 19      | 48       |
| Purchase  | er:      |          |           |            |         |     |        |               |           |           |         | \$: |       |        |          |           |         |          |



### TOTARANUI U282PV

Date of Birth 30/8/2023

Animal Ident INZ23U282

Register HBR



Comments: Out of a very nice cow, square, good feet, and quiet. She has good calving ease in her dataset. This bull presents potential for good heifer mating outcomes, his birth weight ebv in top 5%. IMF in top 10%.

 $\label{eq:deer_valley} \mbox{ DEER VALLEY WALL STREET$^{\sharp}$}$  Sire: TOTARANUI R205  $^{\mbox{\tiny SV}}$ 

TOTARANUI 15233#

BUBS SOUTHERN CHARM AA31 PV  $\label{eq:Dam:TOTARANUIP312}$  Dam: TOTARANUI P312 SV

1050K

Dam: TOTARANUI P312<sup>SV</sup>
TOTARANUI 12049#

| August                                  | 2024 Tra | ınsTasmaı | n Angus ( | Cattle Eva | luation |     | Gene   | etic Conditi | ons: AMFL | ,CAFU,DD | FU,NHFU |     |      | Tra  | aits Obser | ved: BWT, | 200WT,G | Genomics |
|---|----------|-----------|-----------|------------|---------|-----|--------|--------------|-----------|----------|---------|-----|------|------|------------|-----------|---------|----------|
| TACE                                    |          | Calving   | g Ease    |            |         |     | Growth |              |           | Fer      | tility  |     |      | Card | case       |           |         | \$ Index |
| Transflorman Angus<br>Cartle Evaluation | CEDir    | CEDtrs    | GL        | BWT        | 200     | 400 | 600    | MCW          | Milk      | SS       | DC      | CWT | EMA  | Rib  | P8         | RBY       | IMF     | PRO      |
| EBV                                     | +5.3     | +5.0      | -4.7      | +0.7       | +36     | +68 | +83    | +39          | +24       | +1.7     | -5.0    | +44 | +5.7 | +4.2 | +4.8       | -0.4      | +4.4    | \$162    |
| Acc                                     | 64%      | 54%       | 82%       | 81%        | 82%     | 80% | 80%    | 77%          | 73%       | 78%      | 39%     | 69% | 68%  | 68%  | 69%        | 59%       | 73%     | \$102    |
| Perc                                    | 24       | 29        | 45        | 4          | 96      | 97  | 98     | 99           | 9         | 65       | 41      | 96  | 58   | 2    | 2          | 89        | 9       | 39       |
| Purchase                                | er:      |           |           |            |         |     |        |              |           |          |         | \$: |      |      |            |           |         |          |

### ьот **16**

Purchaser:

### TOTARANUI U264sv

Date of Birth 22/8/2023

Animal Ident INZ23U264 Register HBR



Comments: Out of a moderate sized cow, well footed. Interesting pedigree with dam being dominated by NZ genetics, although one strand goes back to Pine Drive Scotch Cap. Blended with Diablo creates a bull with an outstanding dataset for calving ease, growth and carcass. Gestation length in too 1%.

DIABLO DELUXE 1104<sup>PV</sup> Sire: TOTARANUI S215<sup>PV</sup>

TOTARANUI P447<sup>SV</sup>

Dam: TOTARANUI S671<sup>PV</sup>
TOTARANUI 14308#

DIABLO DELUXE 1104PV

| August                                 | 2024 Tra | nsTasmar | n Angus C | Cattle Eva | luation |     | Ger    | netic Condi | tions: AMF | CAFU,DDF | FU,NHFU |     |      | Tra  | aits Obser | ved: BWT, | 200WT,G | enomics  |
|--|----------|----------|-----------|------------|---------|-----|--------|-------------|------------|----------|---------|-----|------|------|------------|-----------|---------|----------|
| TACE                                   |          | Calving  | Ease      |            |         |     | Growth |             |            | Fert     | tility  |     |      | Card | ase        |           |         | \$ Index |
| Transforman Angus<br>Cattle Evaluation | CEDir    | CEDtrs   | GL        | BWT        | 200     | 400 | 600    | MCW         | Milk       | SS       | DC      | CWT | EMA  | Rib  | P8         | RBY       | IMF     | PRO      |
| EBV                                    | +10.4    | +9.3     | -10.8     | +1.6       | +47     | +99 | +118   | +109        | +26        | +3.4     | -6.1    | +50 | +5.3 | +3.5 | +0.7       | -0.3      | +4.9    | \$187    |
| Acc                                    | 63%      | 53%      | 82%       | 82%        | 83%     | 81% | 81%    | 78%         | 74%        | 79%      | 39%     | 69% | 68%  | 68%  | 69%        | 59%       | 73%     | \$107    |
| Perc                                   | 1        | 2        | 1         | 9          | 70      | 29  | 51     | 38          | 4          | 13       | 19      | 91  | 63   | 3    | 32         | 87        | 5       | 16       |

| Breed                                   | l Avera | ge EBVs | - Augu | st 2024 | 4 Trans | Tasmar | Angus  | Cattle E | Evaluat | ion  |        |     |      |      |      |      |         |       |     |       | Top 10 | % To  | op 50%   |
|---|---------|---------|--------|---------|---------|--------|--------|----------|---------|------|--------|-----|------|------|------|------|---------|-------|-----|-------|--------|-------|----------|
| TACE                                    |         | Calving | Ease   |         |         |        | Growth |          |         | Fert | tility |     |      |      |      |      | Carcase | •     |     |       |        |       | \$ Index |
| Transitionan Angus<br>Cartle Evaluation | CEDir   | CEDtrs  | GL     | BWT     | 200     | 400    | 600    | MCW      | Milk    | SS   | DC     | CWT | EMA  | Rib  | P8   | RBY  | IMF     | NFI-F | Doc | Claw  | Angle  | Leg   | PRO      |
| EBV                                     | +1.8    | +2.7    | -4.4   | -4.0    | +51     | +92    | +119   | +102     | +17     | +2.2 | -4.6   | +67 | +6.4 | +0.0 | -0.3 | +0.5 | +2.3    | +0.22 | +21 | +0.84 | +0.97  | +1.02 | +149     |



Date of Birth Animal Ident Register 4/9/2023 INZ23U296 HBR





Comments: Out of a good cow, quiet and a nice top line. Her birth weight in top 15% of the breed. This bull has a strong calving ease dataset, his Calving Ease Direct in the top 10%. He doesn't give away much growth and has very high IMF.

SPRING COVE RENO 4021\*
Sire: WOODHILL AUTHENTIC<sup>PV</sup>
WOODHILL EVERGREEN U181-A130\*

TOTARANUI 15011#

Dam: TOTARANUI P511<sup>SV</sup>

TOTARANUI 13185<sup>E</sup>

| August                                | 2024 Tra | nsTasmar | n Angus ( | Cattle Eva | luation |     | Gene   | etic Conditio | ons: AMFU | ,CAFU,DD | FU,NHFU |     |      | Traits | Observed | :GL,BWT, | 200WT,G | Genomics |
|---------------------------------------|----------|----------|-----------|------------|---------|-----|--------|---------------|-----------|----------|---------|-----|------|--------|----------|----------|---------|----------|
| TACE                                  |          | Calving  | g Ease    |            |         |     | Growth |               |           | Fer      | tility  |     |      | Car    | case     |          |         | \$ Index |
| VansTasman Angus<br>Cattle Evaluation | CEDir    | CEDtrs   | GL        | BWT        | 200     | 400 | 600    | MCW           | Milk      | SS       | DC      | CWT | EMA  | Rib    | P8       | RBY      | IMF     | PRO      |
| EBV                                   | +7.6     | +8.9     | -6.1      | +3.0       | +52     | +91 | +112   | +121          | +9        | -0.4     | -3.2    | +67 | +6.5 | -1.0   | -2.8     | +0.1     | +4.0    | Φ1EΩ     |
| Acc                                   | 63%      | 51%      | 83%       | 81%        | 82%     | 80% | 80%    | 77%           | 72%       | 77%      | 37%     | 68% | 67%  | 67%    | 68%      | 58%      | 72%     | \$150    |
| Perc                                  | 8        | 3        | 24        | 28         | 45      | 53  | 65     | 22            | 94        | 99       | 81      | 50  | 48   | 71     | 87       | 71       | 13      | 51       |
| Purchase                              | er:      |          |           |            |         |     |        |               |           |          |         | \$: |      |        |          |          |         |          |



### TOTARANUI U256PV

Date of Birth 20/8/2023 Animal Ident Register INZ23U256 APR



1050K



Comments: Out of a smaller square cow, quiet and well footed. This bull has positive calving ease, and gestation in top 15%. Very good growth outlook, positive fats and IMF. By a son of Zephyr, Zephyr has bred well for us, has great growth and carcass but with good ease of calving.

HPCAZEPHYR<sup>SV</sup>
Sire: TOTARANUI S007<sup>SV</sup>
TOTARANUI 14253<sup>SV</sup>

WAITANGI N221<sup>SV</sup>
Dam: TOTARANUI S604<sup>SV</sup>
UNKNOWN

| August   | 2024 Tra | nsTasmaı | n Angus ( | Cattle Eva | luation |     |        | Genetic ( | Conditions: | : AMF,CAF, | DDF,NHF |     |      | Tra  | aits Obser | ved: BWT, | 200WT,G | enomics  |
|----------|----------|----------|-----------|------------|---------|-----|--------|-----------|-------------|------------|---------|-----|------|------|------------|-----------|---------|----------|
| TACE     |          | Calvin   | g Ease    |            |         |     | Growth |           |             | Fer        | tility  |     |      | Car  | case       |           |         | \$ Index |
| TACE     | CEDir    | CEDtrs   | GL        | BWT        | 200     | 400 | 600    | MCW       | Milk        | SS         | DC      | CWT | EMA  | Rib  | P8         | RBY       | IMF     | PRO      |
| EBV      | +5.0     | +2.6     | -7.2      | +3.0       | +48     | +96 | +131   | +119      | +22         | +2.1       | -5.0    | +68 | +2.7 | +0.9 | +1.5       | -0.3      | +3.6    | \$157    |
| Acc      | 60%      | 51%      | 80%       | 80%        | 81%     | 79% | 79%    | 76%       | 71%         | 77%        | 36%     | 67% | 66%  | 66%  | 67%        | 56%       | 71%     | Φ107     |
| Perc     | 26       | 56       | 13        | 28         | 66      | 37  | 24     | 25        | 16          | 50         | 41      | 50  | 87   | 29   | 21         | 87        | 19      | 43       |
| Purchasi | or.      |          |           |            |         |     |        |           |             |            |         | \$. |      |      |            |           |         |          |



### TOTARANUI U222PV

Date of Birth 9/8/2023 Animal Ident INZ23U222 Register HBR



Comments: Out of a smaller cow, quiet, low birth weight and good footed. This bull's birth weight in top 5% of breed, his Calving Ease Direct in top 15%. He also has some carcass merit with positive fats and IMF in top 10% of Australasia.

 $\label{eq:GARHOMETOWNPV} $$ Sire: HPCABOUNTIFUL^{\#}$ $$ HPCASUNRISEA246^{\#}$$ 

RENNYLEA L508<sup>PV</sup>
Dam: TOTARANUI Q457<sup>SV</sup>
TOTARANUI 11<sup>#</sup>

| August                                 | 2024 Tra | nsTasmar | n Angus ( | Cattle Eva | luation |     | Gene   | etic Conditio | ons: AMFU | ,CAFU,DDF | FU,NHFU |     |      | Traits | Observed | :GL,BWT, | 200WT,G | enomics  |
|--|----------|----------|-----------|------------|---------|-----|--------|---------------|-----------|-----------|---------|-----|------|--------|----------|----------|---------|----------|
| TACE                                   |          | Calvin   | g Ease    |            |         |     | Growth |               |           | Fert      | ility   |     |      | Card   | case     |          |         | \$ Index |
| Transfasman Angus<br>Cattle Evaluation | CEDir    | CEDtrs   | GL        | BWT        | 200     | 400 | 600    | MCW           | Milk      | SS        | DC      | CWT | EMA  | Rib    | P8       | RBY      | IMF     | PRO      |
| EBV                                    | +6.8     | +4.5     | -1.1      | +0.5       | +34     | +74 | +94    | +60           | +26       | +1.8      | -7.9    | +47 | +8.8 | +1.2   | +0.1     | +0.1     | +4.5    | \$177    |
| Acc                                    | 65%      | 56%      | 83%       | 81%        | 82%     | 80% | 81%    | 78%           | 74%       | 78%       | 41%     | 70% | 69%  | 69%    | 70%      | 60%      | 74%     | Φ1//     |
| Perc                                   | 13       | 35       | 91        | 3          | 98      | 92  | 92     | 95            | 4         | 62        | 4       | 94  | 23   | 24     | 42       | 71       | 8       | 24       |
| Purchase                               | er:      |          |           |            |         |     |        |               |           |           |         | \$: |      |        |          |          |         |          |



### TOTARANUI U325PV

Date of Birth 18/9/2023 Animal Ident INZ23U325 Register HBR



CONNEALY LEGENDARY 644L#

Comments: Dam by Legendary, a phenotype low birthweight sire we really liked out of the Quaker Hill camp. This bull is middle of the road for calving ease, not recommended for yearling mating. Suitable for mating 2yo heifers, or as a MA cow bull.

DIABLO DELUXE 1104PV Sire: TOTARANUI S297PV

TOTARANUI P427sv

Dam: TOTARANUI Q432<sup>SV</sup>
TOTARANUI 13156\*

| August   | 2024 Tra | nsTasmar | n Angus ( | Cattle Eva | luation |     | Gene   | etic Conditio | ons: AMFL | ,CAFU,DDI | FU,NHFU |     |      | Traits | Observed | : CE,BWT, | 200WT,G | lenomics |
|----------|----------|----------|-----------|------------|---------|-----|--------|---------------|-----------|-----------|---------|-----|------|--------|----------|-----------|---------|----------|
| TACE     |          | Calving  | g Ease    |            |         |     | Growth |               |           | Fer       | ility   |     |      | Card   | case     |           |         | \$ Index |
| TACE     | CEDir    | CEDtrs   | GL        | BWT        | 200     | 400 | 600    | MCW           | Milk      | SS        | DC      | CWT | EMA  | Rib    | P8       | RBY       | IMF     | PRO      |
| EBV      | -1.2     | +2.8     | -3.5      | +4.1       | +52     | +95 | +126   | +115          | +17       | +2.0      | -1.8    | +62 | +9.6 | -2.3   | -6.2     | +1.6      | +2.9    | \$110    |
| Acc      | 64%      | 55%      | 82%       | 82%        | 83%     | 80% | 81%    | 78%           | 74%       | 78%       | 39%     | 69% | 69%  | 68%    | 69%      | 60%       | 74%     | \$110    |
| Perc     | 77       | 54       | 64        | 52         | 43      | 40  | 34     | 29            | 48        | 54        | 95      | 66  | 17   | 91     | 99       | 5         | 32      | 84       |
| Purchase | er:      |          |           |            |         |     |        |               |           |           |         | \$: |      |        |          |           |         |          |

Breed Average EBVs - August 2024 TransTasman Angus Cattle Evaluation Top 10% Top 50% TACE CEDir CEDtrs GL BWT 200 400 600 MCW Milk SS DC CWT EMA Rib P8 RBY IMF NFI-F Doc Claw Angle Leg PRO EBV +1.8 +2.7 -4.0 +92 +102 +17 +67 +6.4 +0.0 -0.3 +0.5 +2.3 +0.22 +21 +0.84 +0.97 +1.02 +149



Date of Birth Animal Ident Register 13/8/2023 INZ23U030 **HBR** 



Comments: Out of a smaller framed cow, very quiet, good footed. She's had nine calves since calving as a 2yo - as all Totaranui cows do. Could be used over 2yo heifers but not recommended for yearlings. Otherwise a cow bull.

LAWSONS MOMENTOUS M518PV Sire: MURDEDUKE QUARTERBACK Q011PV MURDEDUKE BARUNAH NO26PV

WOODBANK 0110# Dam: TOTARANUI 13150# TOTARANUI 508#

| August   | 2024 Tra | nsTasmar | n Angus C | Cattle Eva | luation |     | Gene   | etic Conditio | ons: AMFU | ,CAFU,DDI | FU,NHFU |     |      | Traits | Observed | :GL,BWT, | 200WT,G | Genomics |
|--|----------|----------|-----------|------------|---------|-----|--------|---------------|-----------|-----------|---------|-----|------|--------|----------|----------|---------|----------|
| TACE   |          | Calving  | g Ease    |            |         |     | Growth |               |           | Fer       | tility  |     |      | Card   | case     |          |         | \$ Index |
| TACE []Tel[[]]el[] Torritorian Angus Cottle Evaluation | CEDir    | CEDtrs   | GL        | BWT        | 200     | 400 | 600    | MCW           | Milk      | SS        | DC      | CWT | EMA  | Rib    | P8       | RBY      | IMF     | PRO      |
| EBV  | +0.9     | +0.6     | -6.0      | +4.1       | +40     | +71 | +89    | +64           | +19       | +3.4      | -3.2    | +35 | +8.8 | +2.0   | +2.0     | -0.1     | +2.7    | \$105    |
| Acc  | 69%      | 60%      | 83%       | 82%        | 83%     | 82% | 82%    | 80%           | 76%       | 80%       | 46%     | 72% | 72%  | 71%    | 72%      | 63%      | 76%     | \$105    |
| Perc   | 63       | 74       | 26        | 52         | 90      | 95  | 95     | 93            | 34        | 13        | 81      | 99  | 23   | 13     | 15       | 80       | 37      | 87       |
| Purchas  | er:      |          |           |            |         |     |        |               |           |           |         | \$: |      |        |          |          |         |          |



### TOTARANUI U003PV

Date of Birth 3/8/2023

GARINERTIAPV

Animal Ident Register INZ23U003 HBR





Comments: Out of a good type cow, quiet, well footed. She is bred for calving ease, her pedigree top and bottom has proven calving ease sires. Wairere Real Deal has maintained the calving ease but added growth outlook and a nice set of carcass data.

Sire: WAIRERE REAL DEAL H829PV WAIRERE E664sv

CONNEALY LEGENDARY 644L\* Dam: TOTARANUI R669PV

TOTARANUI 14308#

|          | 2024 Tra | nsTasmaı | n Angus ( | Cattle Eva | luation |      | Ge     | netic Condi | tions: AMF | CAFU,DD | FU,NHFU |     |      | Traits | Observed | :GL,BWT, | 200WT,G | Genomics |
|----------|----------|----------|-----------|------------|---------|------|--------|-------------|------------|---------|---------|-----|------|--------|----------|----------|---------|----------|
| TACE     |          | Calvin   | g Ease    |            |         |      | Growth |             |            | Fer     | tility  |     |      | Card   | case     |          |         | \$ Index |
| TACE     | CEDir    | CEDtrs   | GL        | BWT        | 200     | 400  | 600    | MCW         | Milk       | SS      | DC      | CWT | EMA  | Rib    | P8       | RBY      | IMF     | PRO      |
| EBV      | +6.6     | +0.7     | -7.5      | +2.7       | +54     | +100 | +119   | +91         | +9         | +2.3    | -4.8    | +73 | +7.5 | +0.7   | -1.3     | +0.4     | +3.7    | \$200    |
| Acc      | 65%      | 55%      | 83%       | 81%        | 82%     | 80%  | 81%    | 78%         | 74%        | 78%     | 39%     | 69% | 68%  | 68%    | 69%      | 59%      | 73%     | \$200    |
| Perc     | 14       | 74       | 11        | 23         | 33      | 27   | 51     | 68          | 95         | 43      | 45      | 35  | 36   | 33     | 67       | 53       | 17      | 9        |
| Purchasi | or.      |          |           |            |         |      |        |             |            |         |         | \$. |      |        |          |          |         |          |



### TOTARANUI U019PV

Date of Birth 9/8/2023

Animal Ident INZ23U019

Register **HBR** 



Comments: Cow bull. While his dam has a Birth Weight EBV in the top 1% of the breed, this bull's own birth weight was 39kgs, hence his Calving Ease Direct is what it is. Good carcass quality including strong IMF.

GARINERTIAPV

Sire: WAIRERE REAL DEAL H829PV WAIRERE E664<sup>SV</sup>

CONNEALY LEGENDARY 6441

Dam: TOTARANUI R419PV TOTARANUI N348#

| August  | 2024 Tra | nsTasmaı | n Angus ( | Cattle Eva | luation |     | Gene   | etic Conditio | ons: AMFL | J,CAFU,DD | FU,NHFU |     |      | Traits | Observed | :GL,BWT, | 200WT,G | Genomics |
|---|----------|----------|-----------|------------|---------|-----|--------|---------------|-----------|-----------|---------|-----|------|--------|----------|----------|---------|----------|
| TACE  |          | Calvin   | g Ease    |            |         |     | Growth |               |           | Fer       | tility  |     |      | Card   | case     |          |         | \$ Index |
| TACE []Tot[[]]tri[] Transforman Arquis Cadle Evaluation | CEDir    | CEDtrs   | GL        | BWT        | 200     | 400 | 600    | MCW           | Milk      | SS        | DC      | CWT | EMA  | Rib    | P8       | RBY      | IMF     | PRO      |
| EBV   | +1.9     | +2.9     | -6.6      | +1.7       | +44     | +77 | +92    | +70           | +10       | +2.2      | -2.9    | +50 | +8.4 | +2.6   | +1.9     | +0.2     | +3.1    | \$141    |
| Acc   | 65%      | 56%      | 83%       | 81%        | 83%     | 81% | 81%    | 78%           | 74%       | 78%       | 39%     | 69% | 68%  | 68%    | 69%      | 59%      | 73%     | Φ141     |
| Perc  | 55       | 53       | 19        | 10         | 81      | 88  | 93     | 90            | 93        | 47        | 85      | 91  | 27   | 8      | 16       | 65       | 28      | 61       |
| Purchas   | er:      |          |           |            |         |     |        |               |           |           |         | \$: |      |        |          |          |         |          |



### TOTARANUI U208PV

Date of Birth 4/8/2023

Animal Ident Register INZ23U208





Comments: Dam smaller in type but correct, good feet and good temperament. She is home bred and has a good spread of data including calving ease. This bull's birth weight is in the top 10%, has Gestation and Direct to support his overall strong calving ease. The rest of his data is good too, with growth, carcass and structure indicators being positive.

DIABLO DELUXE 1104PV Sire: TOTARANUI S215PV

TOTARANUI P447sv

TOTARANUI Q212sv Dam: TOTARANUI S670PV TOTARANUI 15217sv

HBR

| August   | 2024 Tra | nsTasmar | Angus ( | Cattle Eva | luation |     | Gene   | etic Conditio | ons: AMFU | J,CAFU,DD | FU,NHFU |     |      | Tra  | aits Obser | ved: BWT, | 200WT,G | ienomics |
|----------|----------|----------|---------|------------|---------|-----|--------|---------------|-----------|-----------|---------|-----|------|------|------------|-----------|---------|----------|
| TACE     |          | Calving  | Ease    |            |         |     | Growth |               |           | Fer       | tility  |     |      | Caro | case       |           |         | \$ Index |
| TACE     | CEDir    | CEDtrs   | GL      | BWT        | 200     | 400 | 600    | MCW           | Milk      | SS        | DC      | CWT | EMA  | Rib  | P8         | RBY       | IMF     | PRO      |
| EBV      | +5.3     | +6.3     | -6.6    | +1.2       | +45     | +92 | +123   | +95           | +30       | +2.8      | -5.0    | +70 | +6.2 | -0.6 | -0.9       | -0.1      | +3.6    | \$144    |
| Acc      | 61%      | 51%      | 81%     | 80%        | 81%     | 79% | 80%    | 76%           | 72%       | 77%       | 37%     | 67% | 67%  | 66%  | 68%        | 57%       | 72%     | Ф144     |
| Perc     | 24       | 17       | 19      | 6          | 75      | 50  | 42     | 60            | 1         | 27        | 41      | 43  | 52   | 63   | 60         | 80        | 19      | 57       |
| Purchase | er:      |          |         |            |         |     |        |               |           |           |         | \$: |      |      |            |           |         |          |

| Breed                                   | l Avera | ge EBVs | - Augu | st 2024 | 4 Trans | Tasmar | Angus  | Cattle E | Evaluat | ion  |        |     |      |      |      |      |         |       |     |       | Top 10 | % To  | op 50%   |
|---|---------|---------|--------|---------|---------|--------|--------|----------|---------|------|--------|-----|------|------|------|------|---------|-------|-----|-------|--------|-------|----------|
| TACE                                    |         | Calving | Ease   |         |         |        | Growth |          |         | Fert | tility |     |      |      |      |      | Carcase | •     |     |       |        |       | \$ Index |
| Transitionan Angus<br>Cartle Evaluation | CEDir   | CEDtrs  | GL     | BWT     | 200     | 400    | 600    | MCW      | Milk    | SS   | DC     | CWT | EMA  | Rib  | P8   | RBY  | IMF     | NFI-F | Doc | Claw  | Angle  | Leg   | PRO      |
| EBV                                     | +1.8    | +2.7    | -4.4   | -4.0    | +51     | +92    | +119   | +102     | +17     | +2.2 | -4.6   | +67 | +6.4 | +0.0 | -0.3 | +0.5 | +2.3    | +0.22 | +21 | +0.84 | +0.97  | +1.02 | +149     |



Date of Birth Animal Ident Register 4/8/2023 INZ23U004 HBR





Comments: Out of a medium cow, quiet. Although she had very short Gestation and good calving ease direct, she lacked a full hand of calving ease data. Patrol has covered this, producing a bull with a full set of calving ease data, growth and carcass.

PATHFINDER GENESIS G357<sup>PV</sup>
Sire: WARRAWEE PATROL P29<sup>PV</sup>
WARRAWEE GENERAL TURIKU M1 M01<sup>SV</sup>

TOTARANUI 12290\*

Dam: TOTARANUI M274<sup>DV</sup>

TOTARANUI 13196\*

| August                                    | 2024 Tra | nsTasmar | n Angus ( | Cattle Eva | luation |      | Gene   | etic Conditio | ons: AMFU | ,CAFU,DDI | FU,NHFU |     |      | Traits | Observed | : GL,BWT, | 200WT,G | enomics  |
|---|----------|----------|-----------|------------|---------|------|--------|---------------|-----------|-----------|---------|-----|------|--------|----------|-----------|---------|----------|
| TACE                                      |          | Calving  | Ease      |            |         |      | Growth |               |           | Fer       | tility  |     |      | Card   | case     |           |         | \$ Index |
| TACE  Transfarmen Argus Castle Evaluation | CEDir    | CEDtrs   | GL        | BWT        | 200     | 400  | 600    | MCW           | Milk      | SS        | DC      | CWT | EMA  | Rib    | P8       | RBY       | IMF     | PRO      |
| EBV                                       | +7.2     | +8.9     | -9.7      | +3.3       | +54     | +100 | +139   | +147          | +21       | +0.0      | -6.3    | +95 | +8.6 | +0.9   | -0.4     | +0.9      | +1.6    | \$183    |
| Acc                                       | 66%      | 58%      | 84%       | 82%        | 83%     | 81%  | 82%    | 79%           | 75%       | 79%       | 47%     | 72% | 72%  | 71%    | 73%      | 63%       | 76%     | \$183    |
| Perc                                      | 11       | 3        | 2         | 34         | 37      | 26   | 13     | 5             | 19        | 98        | 16      | 3   | 25   | 29     | 51       | 24        | 66      | 19       |
| Purchase                                  | er:      |          |           |            |         |      |        |               |           |           |         | \$: |      |        |          |           |         |          |



Date of Birth Animal Ident Register 13/8/2023 INZ23U032 HBR

HD50K



Comments: Good calving ease and an excellent dataset for carcass.

PATHFINDER GENESIS G357<sup>PV</sup> Sire: WARRAWEE PATROL P29<sup>PV</sup>

WARRAWEE GENERAL TURIKU M1 M01sv

BRUNO 652 OF LAIRDVALE (NZ)#

Dam: TOTARANUI N488#

TOTARANUI 13192#

| August                                 | 2024 Tra | ınsTasmaı | n Angus ( | Cattle Eva | luation |     | Gene   | etic Conditio | ons: AMFL | ,CAFU,DDI | FU,NHFU |     |       | Traits | Observed | :GL,BWT, | 200WT,G | enomics     |
|--|----------|-----------|-----------|------------|---------|-----|--------|---------------|-----------|-----------|---------|-----|-------|--------|----------|----------|---------|-------------|
| TACE                                   |          | Calving   | g Ease    |            |         |     | Growth |               |           | Fer       | tility  |     |       | Card   | case     |          |         | \$ Index    |
| TransTasman Angus<br>Cattle Evaluation | CEDir    | CEDtrs    | GL        | BWT        | 200     | 400 | 600    | MCW           | Milk      | SS        | DC      | CWT | EMA   | Rib    | P8       | RBY      | IMF     | PRO         |
| EBV                                    | +4.7     | +9.0      | -3.7      | +3.1       | +36     | +68 | +99    | +89           | +17       | +2.0      | -6.2    | +61 | +10.7 | +3.2   | +1.8     | +0.6     | +4.5    | <b>0101</b> |
| Acc                                    | 65%      | 56%       | 83%       | 81%        | 82%     | 80% | 80%    | 77%           | 73%       | 78%       | 47%     | 71% | 70%   | 70%    | 71%      | 62%      | 74%     | \$181       |
| Perc                                   | 29       | 3         | 61        | 30         | 96      | 97  | 86     | 70            | 50        | 54        | 17      | 70  | 11    | 5      | 17       | 41       | 8       | 21          |
| Purchase                               | er:      |           |           |            |         |     |        |               |           |           |         | \$: |       |        |          |          |         |             |

### LOT TOTARANUI U035<sup>PV</sup>

Date of Birth Animal Ident 13/8/2023 INZ23U035 Register HBR



Comments: Dam by Real Deal, she has calving ease in top 10% across all four indicators. Mated with Patrol she has produced an elite heifer bull on data - top 1% for Calving Ease Direct, Gestation and Daughters, top 3% on Birth Weight. Solid growth to go with it, and carcass traits.

PATHFINDER GENESIS G357<sup>PV</sup>

Sire: WARRAWEE PATROL P29PV

WARRAWEE GENERAL TURIKU M1 M01sv

Dam: TOTARANUI Q632<sup>SV</sup>

Dam: TOTARANUI Q632<sup>sv</sup>
TOTARANUI N376#

| August  | 2024 Tra | nsTasmar | n Angus ( | Cattle Eva | luation |     | Gene   | etic Conditio | ons: AMFU | ,CAFU,DDF | FU,NHFU |     |      | Traits | Observed | :GL,BWT, | 200WT,G | enomics  |
|---|----------|----------|-----------|------------|---------|-----|--------|---------------|-----------|-----------|---------|-----|------|--------|----------|----------|---------|----------|
| TACE  |          | Calving  | Ease      |            |         |     | Growth |               |           | Fert      | ility   |     |      | Card   | case     |          |         | \$ Index |
| TACE  [[*od][[*t-1]]  FrantTerrain Frigus Cattle Evaluation | CEDir    | CEDtrs   | GL        | BWT        | 200     | 400 | 600    | MCW           | Milk      | SS        | DC      | CWT | EMA  | Rib    | P8       | RBY      | IMF     | PRO      |
| EBV   | +10.6    | +10.3    | -11.9     | +0.2       | +43     | +88 | +116   | +78           | +22       | +2.6      | -9.4    | +85 | +9.7 | +5.8   | +5.4     | +0.2     | +0.6    | \$233    |
| Acc   | 66%      | 57%      | 83%       | 82%        | 83%     | 81% | 81%    | 78%           | 74%       | 79%       | 46%     | 71% | 71%  | 71%    | 72%      | 62%      | 75%     | Φ233     |
| Perc  | 1        | 1        | 1         | 3          | 83      | 61  | 56     | 83            | 17        | 32        | 1       | 10  | 17   | 1      | 2        | 65       | 88      | 2        |
| Purchase  | er:      |          |           |            |         |     |        |               |           |           |         | \$: |      |        |          |          |         |          |

### LОТ **28**

### TOTARANUI U245PV

Date of Birth 15/8/2023 Animal Ident INZ23U245



1050K

STOKMAN REAL DEAL N247PV



Comments: This calf was one of a twin. Dam is a powerful cross between Rennylea L508 and Lotto, her dataset is one of calving ease and growth, curve bending. This bull has the potential to bend the curve, very good ease of calving and outstanding growth. IMF in top 10%.

DIABLO DELUXE 1104PV Sire: TOTARANUI S215PV

TOTARANUI P447sv

Dam: TOTARANUI S676PV TOTARANUI P313SV

RENNYLEA L508PV

Register

**HBR** 

| August   | 2024 Tra | nsTasmar | n Angus ( | Cattle Eva | luation |      | Gene   | etic Conditio | ons: AMFU | ,CAFU,DDI | FU,NHFU |     |      | Tra  | aits Obser | ved: BWT, | 200WT,G | enomics  |
|----------|----------|----------|-----------|------------|---------|------|--------|---------------|-----------|-----------|---------|-----|------|------|------------|-----------|---------|----------|
| TACE     |          | Calving  | g Ease    |            |         |      | Growth |               |           | Fer       | tility  |     |      | Card | case       |           |         | \$ Index |
| TACE     | CEDir    | CEDtrs   | GL        | BWT        | 200     | 400  | 600    | MCW           | Milk      | SS        | DC      | CWT | EMA  | Rib  | P8         | RBY       | IMF     | PRO      |
| EBV      | +4.0     | +8.1     | -9.4      | +2.6       | +59     | +111 | +158   | +167          | +16       | +2.6      | -3.6    | +75 | +1.7 | -O.1 | -2.9       | -0.7      | +4.5    | \$150    |
| Acc      | 65%      | 56%      | 82%       | 81%        | 83%     | 81%  | 81%    | 78%           | 74%       | 79%       | 43%     | 70% | 70%  | 69%  | 70%        | 60%       | 75%     | \$150    |
| Perc     | 35       | 6        | 3         | 21         | 16      | 8    | 2      | 1             | 55        | 32        | 74      | 29  | 93   | 51   | 87         | 95        | 8       | 51       |
| Purchase | er:      |          |           |            |         |      |        |               |           |           |         | \$: |      |      |            |           |         |          |

| Breed | l Avera | ge EBVs | - Augu | ıst 2024 | 4 Trans | Tasmar | n Angus | Cattle E | Evaluat | ion  |      |     |      |      |      |          |      |       |     |       | Top 10 | % To  | op 50% |
|-------|---------|---------|--------|----------|---------|--------|---------|----------|---------|------|------|-----|------|------|------|----------|------|-------|-----|-------|--------|-------|--------|
| TACE  |         |         |        |          |         |        |         |          |         |      |      |     |      |      |      | \$ Index |      |       |     |       |        |       |        |
|       |         | CEDtrs  | GL     | BWT      | 200     | 400    | 600     | MCW      | Milk    | SS   | DC   | CWT | EMA  | Rib  | P8   | RBY      | IMF  | NFI-F | Doc | Claw  | Angle  | Leg   | PRO    |
| EBV   | +1.8    | +2.7    | -4.4   | -4.0     | +51     | +92    | +119    | +102     | +17     | +2.2 | -4.6 | +67 | +6.4 | +0.0 | -0.3 | +0.5     | +2.3 | +0.22 | +21 | +0.84 | +0.97  | +1.02 | +149   |



Date of Birth Animal Ident Register INZ23U012 6/8/2023 HBR





Comments: Out of a nice type of cow, well footed. Good dataset for this bull, calving ease, good growth and excellent carcass traits.

GARINERTIAPV Sire: WAIRERE REAL DEAL H829PV WAIRERE E664sv

GARASHLANDPV Dam: TOTARANUI R412PV TOTARANUI 14276#

|  | 2024 Tra | nsTasmar | n Angus ( | Cattle Eva | luation |     | Gene   | etic Conditio | ons: AMFU | ,CAFU,DDI | FU,NHFU |     |      | Traits | Observed | :GL,BWT, | 200WT,G | enomics  |
|--|----------|----------|-----------|------------|---------|-----|--------|---------------|-----------|-----------|---------|-----|------|--------|----------|----------|---------|----------|
| TACE   |          | Calving  | g Ease    |            |         |     | Growth |               |           | Fer       | tility  |     |      | Car    | case     |          |         | \$ Index |
| TACE []104[[]][[ Torrotorran Argus Cottle Evaluation | CEDir    | CEDtrs   | GL        | BWT        | 200     | 400 | 600    | MCW           | Milk      | SS        | DC      | CWT | EMA  | Rib    | P8       | RBY      | IMF     | PRO      |
| EBV  | +7.8     | +4.7     | -7.6      | +2.7       | +48     | +90 | +121   | +92           | +23       | +1.9      | -4.2    | +70 | +7.9 | +1.2   | +0.7     | +0.3     | +3.3    | \$167    |
| Acc  | 67%      | 58%      | 83%       | 82%        | 83%     | 81% | 81%    | 78%           | 75%       | 79%       | 42%     | 70% | 69%  | 69%    | 70%      | 61%      | 74%     | \$107    |
| Perc   | 8        | 33       | 10        | 23         | 62      | 54  | 45     | 66            | 13        | 58        | 60      | 43  | 32   | 24     | 32       | 59       | 24      | 33       |
| Purchase   | er:      |          |           |            |         |     |        |               |           |           |         | \$: |      |        |          |          |         |          |



### **TOTARANUI U024**PV

Date of Birth Animal Ident 9/8/2023 INZ23U024

Register HBR





Comments: Cow bull. Excellent growth, positive fats and strong carcass weight.

PATHFINDER GENESIS G357PV Sire: WARRAWEE PATROL P29PV

WARRAWEE GENERAL TURIKU M1 M01sv

TOTARANUI 15035# Dam: TOTARANUI N330#

TOTARANUI 74#

| August                                 | 2024 Tra | nsTasmar | n Angus ( | Cattle Eva | luation |      | Gene   | tic Conditio | ons: AMFU | ,CAFU,DDI | FU,NHFU |     |      | Traits | Observed | :GL,BWT, | 200WT,G | Genomics |
|--|----------|----------|-----------|------------|---------|------|--------|--------------|-----------|-----------|---------|-----|------|--------|----------|----------|---------|----------|
| TACE                                   |          | Calving  | Ease      |            |         |      | Growth |              |           | Fer       | tility  |     |      | Card   | case     |          |         | \$ Index |
| Translasman Angus<br>Cattle Evaluation | CEDir    | CEDtrs   | GL        | BWT        | 200     | 400  | 600    | MCW          | Milk      | SS        | DC      | CWT | EMA  | Rib    | P8       | RBY      | IMF     | PRO      |
| EBV                                    | -1.1     | +7.7     | -11.0     | +5.8       | +58     | +109 | +145   | +149         | +20       | +2.6      | -8.5    | +85 | +2.3 | +1.7   | +0.3     | -0.3     | +1.7    | \$174    |
| Acc                                    | 64%      | 55%      | 83%       | 81%        | 82%     | 80%  | 80%    | 77%          | 73%       | 78%       | 45%     | 70% | 70%  | 69%    | 71%      | 61%      | 74%     | \$174    |
| Perc                                   | 77       | 8        | 1         | 85         | 18      | 10   | 8      | 4            | 26        | 32        | 2       | 10  | 90   | 16     | 38       | 87       | 63      | 26       |
| Purchase                               | or.      |          |           |            |         |      |        |              |           |           |         | \$. |      |        |          |          |         |          |



### TOTARANUI U281PV

Date of Birth 29/8/2023

Animal Ident INZ23U281

Register HBR





Comments: Out of a very nice cow. She has a very good dataset for calving ease and a quality carcass dataset. This bull has all the indications of being a safe heifer bull, giving away some growth to  $reinforce\,this\,prediction.\,Some\,good\,data\,for\,carcass\,quality\,too.$ 

DEER VALLEY WALL STREET#

TOTARANUI 15233#

Sire: TOTARANUI R205sv

RENNYLEAL508PV Dam: TOTARANUI P462sv TOTARANUI 14226#

|  | 2024 Tra | nsTasmaı | n Angus ( | Cattle Eva | luation |     | Gene   | etic Conditio | ons: AMFL | J,CAFU,DD | FU,NHFU |     |      | Tra  | aits Obser | ved: BWT, | ,200WT,G | lenomics |
|--|----------|----------|-----------|------------|---------|-----|--------|---------------|-----------|-----------|---------|-----|------|------|------------|-----------|----------|----------|
| TACE   |          | Calvin   | g Ease    |            |         |     | Growth |               |           | Fer       | tility  |     |      | Card | ase        |           |          | \$ Index |
| TACE [] Total [] Total International Angus Costle Evaluation | CEDir    | CEDtrs   | GL        | BWT        | 200     | 400 | 600    | MCW           | Milk      | SS        | DC      | CWT | EMA  | Rib  | P8         | RBY       | IMF      | PRO      |
| EBV  | +6.8     | +7.2     | -6.0      | +0.7       | +34     | +73 | +90    | +54           | +28       | +0.7      | -5.8    | +49 | +8.4 | +2.6 | +2.8       | +0.0      | +2.9     | \$148    |
| Acc  | 64%      | 53%      | 81%       | 81%        | 82%     | 80% | 81%    | 77%           | 73%       | 78%       | 41%     | 69% | 68%  | 68%  | 69%        | 59%       | 73%      | Φ140     |
| Perc   | 13       | 11       | 26        | 4          | 97      | 92  | 95     | 97            | 3         | 91        | 24      | 92  | 27   | 8    | 9          | 76        | 32       | 53       |
| Purchase   | er:      |          |           |            |         |     |        |               |           |           |         | \$: |      |      |            |           |          |          |

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### TOTARANUI U206PV

Date of Birth 1/8/2023

Animal Ident INZ23U206 Register HBR





Comments: Dam's birth weight ebv in top 20%. This bull's dataset for Calving Ease in top 20% across all 4 indicators. Gives away growth for calving ease but excels in carcass quality.

HPCAZEPHYR<sup>SV</sup> Sire: TOTARANUI S206PV

TOTARANUI P304sv

RENNYLEA L508PV Dam: TOTARANUI S638PV TOTARANUI 15237sv

| August  | 2024 Tra | nsTasmar | n Angus ( | Cattle Eva | luation |     | Gene   | etic Conditio | ons: AMFU | ,CAFU,DD | FU,NHFU |     |      | Tra  | aits Obser | ved: BWT, | ,200WT,G | enomics  |
|---|----------|----------|-----------|------------|---------|-----|--------|---------------|-----------|----------|---------|-----|------|------|------------|-----------|----------|----------|
| TACE  |          | Calving  | g Ease    |            |         |     | Growth |               |           | Fer      | tility  |     |      | Card | case       |           |          | \$ Index |
| TACE []Ted.[[]Yed.[[ Transfaction Argus Cartle Evaluation | CEDir    | CEDtrs   | GL        | BWT        | 200     | 400 | 600    | MCW           | Milk      | SS       | DC      | CWT | EMA  | Rib  | P8         | RBY       | IMF      | PRO      |
| EBV   | +6.7     | +7.2     | -7.2      | +2.4       | +43     | +80 | +94    | +71           | +20       | +1.0     | -8.0    | +49 | +8.6 | +1.2 | +0.9       | +0.2      | +4.8     | \$211    |
| Acc   | 65%      | 56%      | 82%       | 81%        | 83%     | 80% | 81%    | 78%           | 74%       | 78%      | 43%     | 70% | 69%  | 69%  | 70%        | 60%       | 74%      | ΦΖΠ      |
| Perc  | 13       | 11       | 13        | 18         | 83      | 82  | 92     | 89            | 29        | 86       | 3       | 91  | 25   | 24   | 29         | 65        | 6        | 5        |
| Purchase  | er:      |          |           |            |         |     |        |               |           |          |         | \$: |      |      |            |           |          |          |

| Breed                                   | l Avera | ge EBVs | - Augu | ıst 2024 | 4 Trans | Tasmar | n Angus | Cattle I | Evaluat | ion  |        |     |      |      |      |      |         |       |     |       | Top 10 | % To  | op 50%   |
|---|---------|---------|--------|----------|---------|--------|---------|----------|---------|------|--------|-----|------|------|------|------|---------|-------|-----|-------|--------|-------|----------|
| TACE                                    |         | Calving | Ease   |          |         |        | Growth  |          |         | Fert | tility |     |      |      |      |      | Carcase | •     |     |       |        |       | \$ Index |
| Franslasman Angus<br>Cartile Evaluation | CEDir   | CEDtrs  | GL     | BWT      | 200     | 400    | 600     | MCW      | Milk    | SS   | DC     | CWT | EMA  | Rib  | P8   | RBY  | IMF     | NFI-F | Doc | Claw  | Angle  | Leg   | PRO      |
| EBV                                     | +1.8    | +2.7    | -4.4   | -4.0     | +51     | +92    | +119    | +102     | +17     | +2.2 | -4.6   | +67 | +6.4 | +0.0 | -0.3 | +0.5 | +2.3    | +0.22 | +21 | +0.84 | +0.97  | +1.02 | +149     |

LOT

**TOTARANUI U277**PV

Date of Birth Animal Ident Register 28/8/2023 INZ23U277 **HBR** 





Comments: Out of a moderate, square cow, good feet, nice and quiet, her birth weight better than breed average. Mated with S007, she has produced a bull with Birth Weigh ebv in top 14% and Calving Ease Direct in top 30% of the breed. His growth is above the breed average for 2022 New Zealand born angus calves. Very good carcass merit.

HPCAZEPHYR<sup>SV</sup> Sire: TOTARANUI S007sv TOTARANUI 14253sv

TOTARANUI 12286# Dam: TOTARANUI M347PV TOTARANUI 12109#

| August   | 2024 Tra | nsTasmar | Angus ( | Cattle Eva | luation |     | Gene   | etic Conditio | ons: AMFL | ,CAFU,DDI | FU,NHFU |     |      | Tra  | aits Obser | ved: BWT, | ,200WT,G | Genomics |
|--|----------|----------|---------|------------|---------|-----|--------|---------------|-----------|-----------|---------|-----|------|------|------------|-----------|----------|----------|
| TACE   |          | Calving  | Ease    |            |         |     | Growth |               |           | Fer       | ility   |     |      | Card | case       |           |          | \$ Index |
| TACE [[3-1][[3-1][ Tonsfarmon Arque Gatte Evaluation | CEDir    | CEDtrs   | GL      | BWT        | 200     | 400 | 600    | MCW           | Milk      | SS        | DC      | CWT | EMA  | Rib  | P8         | RBY       | IMF      | PRO      |
| EBV  | +4.5     | +3.9     | -2.5    | +2.1       | +49     | +82 | +107   | +81           | +20       | +2.7      | -5.2    | +64 | +7.3 | +3.1 | +4.8       | -0.7      | +3.7     | \$177    |
| Acc  | 61%      | 52%      | 81%     | 81%        | 81%     | 79% | 80%    | 77%           | 73%       | 77%       | 37%     | 68% | 67%  | 67%  | 68%        | 58%       | 72%      | \$177    |
| Perc   | 30       | 41       | 78      | 14         | 58      | 79  | 75     | 81            | 30        | 29        | 36      | 62  | 38   | 5    | 2          | 95        | 17       | 24       |
| Purchase   | er:      |          |         |            |         |     |        |               |           |           |         | \$: |      |      |            |           |          |          |

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### TOTARANUI U233PV

Date of Birth 12/8/2023

Animal Ident INZ23U233

Register HD50K **HBR** 



Comments: Out of a good cow with her sire's nice top line. Her birth weight at breed average. The cross with Bountiful produces a bull with very good birth weight (top few %) and calving ease direct (top 15%). Bountiful's carcass traits come shining through. IMF in top couple of percent.

GARHOME TOWN<sup>PV</sup> Sire: HPCABOUNTIFUL# HPCASUNRISE A246# QUAKER HILL MILE HIGH 4EX31S1

Dam: TOTARANUI P429sv TOTARANUI 15217<sup>SV</sup>

| August   | 2024 Tra | nsTasmaı | n Angus ( | Cattle Eva | luation |     | Gene   | etic Conditio | ons: AMFL | J,CAFU,DD | FU,NHFU |     |      | Traits | Observed | :GL,BWT, | 200WT,G | Genomics    |
|--|----------|----------|-----------|------------|---------|-----|--------|---------------|-----------|-----------|---------|-----|------|--------|----------|----------|---------|-------------|
| TACE   |          | Calvin   | g Ease    |            |         |     | Growth |               |           | Fer       | tility  |     |      | Card   | case     |          |         | \$ Index    |
| TACE [[101][[104][ | CEDir    | CEDtrs   | GL        | BWT        | 200     | 400 | 600    | MCW           | Milk      | SS        | DC      | CWT | EMA  | Rib    | P8       | RBY      | IMF     | PRO         |
| EBV  | +6.7     | +4.4     | -2.4      | -1.1       | +36     | +67 | +77    | +51           | +20       | +1.4      | -6.8    | +39 | +8.3 | +2.9   | +0.6     | -1.0     | +6.0    | <b>0100</b> |
| Acc  | 66%      | 56%      | 83%       | 82%        | 83%     | 81% | 82%    | 79%           | 75%       | 79%       | 40%     | 71% | 70%  | 69%    | 70%      | 61%      | 74%     | \$163       |
| Perc   | 13       | 36       | 80        | 1          | 96      | 97  | 99     | 98            | 29        | 75        | 10      | 98  | 28   | 6      | 33       | 98       | 2       | 37          |
| Purchase   | er:      |          |           |            |         |     |        |               |           |           |         | \$: |      |        |          |          |         |             |



### TOTARANUI U288PV

Date of Birth 1/9/2023

Animal Ident INZ23U288

Register **HBR** 





Comments: Damside pedigree a very safe ease of calving dataset. This bull's dataset in the top few % for ease of calving across all four indicators. His growth is still above average when compared to the average of 2022 New Zealand born angus cattle. Positive fats.

SPRING COVE RENO 4021# Sire: WOODHILL AUTHENTICPV

WOODHILL EVERGREEN U181-A130#

TOTARANUI P103SV Dam: TOTARANUI R701PV TOTARANUI P419<sup>SV</sup>

| _        | 2024 Tra | nsTasmaı | n Angus ( | Cattle Eva | luation |     | Gene   | etic Conditio | ons: AMFL | ,CAFU,DD | FU,NHFU |     |      | Traits | Observed | :GL,BWT, | 200WT,G | Genomics |
|----------|----------|----------|-----------|------------|---------|-----|--------|---------------|-----------|----------|---------|-----|------|--------|----------|----------|---------|----------|
| TACE     |          | Calvin   | g Ease    |            |         |     | Growth |               |           | Fer      | tility  |     |      | Card   | case     |          |         | \$ Index |
| TACE     | CEDir    | CEDtrs   | GL        | BWT        | 200     | 400 | 600    | MCW           | Milk      | SS       | DC      | CWT | EMA  | Rib    | P8       | RBY      | IMF     | PRO      |
| EBV      | +10.8    | +9.0     | -10.2     | -1.0       | +47     | +85 | +106   | +82           | +23       | +0.2     | -7.9    | +60 | +0.9 | +3.7   | +3.7     | -1.0     | +1.9    | \$178    |
| Acc      | 63%      | 51%      | 83%       | 81%        | 82%     | 80% | 80%    | 77%           | 73%       | 77%      | 36%     | 68% | 67%  | 67%    | 67%      | 58%      | 72%     | φί/ο     |
| Perc     | 1        | 3        | 2         | 1          | 66      | 70  | 77     | 79            | 12        | 96       | 4       | 73  | 96   | 3      | 5        | 98       | 58      | 23       |
| Purchase | er:      |          |           |            |         |     |        |               |           |          |         | \$: |      |        |          |          |         |          |



### TOTARANUI U056PV

Date of Birth 2/9/2023

Animal Ident INZ23U056

Register **HBR** 





Comments: Out of a low birthweight medium cow of nice type. This bull can be used across heifers, but carries enough growth potential to be used over MA cows as well, ie, to breed replacements from. Growth data well above the New Zealand average. Some good carcass qualities there too.

CLUNES CROSSING DUSTY M13PV

Sire: TOTARANUI Q239SV

TOTARANUI 15225#

SITZ UPSIDE 547W#

Dam: TOTARANUI 14310# TOTARANUI 094#

| August   | 2024 Tra | ınsTasmar | n Angus ( | Cattle Eva | luation |     | Gene   | etic Conditio | ons: AMFU | ,CAFU,DD | FU,NHFU |     |      | Tra  | aits Obser | ved: BWT, | 200WT,G | enomics  |
|--|----------|-----------|-----------|------------|---------|-----|--------|---------------|-----------|----------|---------|-----|------|------|------------|-----------|---------|----------|
| TACE   |          | Calving   | g Ease    |            |         |     | Growth |               |           | Fer      | tility  |     |      | Car  | case       |           |         | \$ Index |
| TACE  [Tell   Tell   Te | CEDir    | CEDtrs    | GL        | BWT        | 200     | 400 | 600    | MCW           | Milk      | SS       | DC      | CWT | EMA  | Rib  | P8         | RBY       | IMF     | PRO      |
| EBV  | +1.5     | +5.1      | -7.2      | +3.8       | +53     | +96 | +114   | +93           | +13       | +1.7     | -3.2    | +60 | +8.5 | -0.6 | -1.0       | +0.9      | +2.4    | \$158    |
| Acc  | 64%      | 54%       | 81%       | 81%        | 82%     | 80% | 81%    | 78%           | 74%       | 78%      | 41%     | 69% | 69%  | 69%  | 70%        | 60%       | 74%     | φισο     |
| Perc   | 58       | 28        | 13        | 45         | 40      | 39  | 60     | 63            | 82        | 65       | 81      | 71  | 26   | 63   | 61         | 24        | 44      | 42       |
| Purchase   | er:      |           |           |            |         |     |        |               |           |          |         | \$: |      |      |            |           |         |          |

| Breed                                  | Averag | ge EBVs | - Augu | ıst 2024 | 4 Trans | Tasmar | n Angus | Cattle I | Evaluat | ion  |        |     |      |      |      |      |         |       |     |       | Top 10 | % To  | op 50%   |
|--|--------|---------|--------|----------|---------|--------|---------|----------|---------|------|--------|-----|------|------|------|------|---------|-------|-----|-------|--------|-------|----------|
| TACE                                   |        | Calving | Ease   |          |         |        | Growth  |          |         | Fert | tility |     |      |      |      |      | Carcase | )     |     |       |        |       | \$ Index |
| Translasman Angus<br>Cartle Evaluation | CEDir  | CEDtrs  | GL     | BWT      | 200     | 400    | 600     | MCW      | Milk    | SS   | DC     | CWT | EMA  | Rib  | P8   | RBY  | IMF     | NFI-F | Doc | Claw  | Angle  | Leg   | PRO      |
| EBV                                    | +1.8   | +2.7    | -4.4   | -4.0     | +51     | +92    | +119    | +102     | +17     | +2.2 | -4.6   | +67 | +6.4 | +0.0 | -0.3 | +0.5 | +2.3    | +0.22 | +21 | +0.84 | +0.97  | +1.02 | +149     |



Date of Birth Animal Ident Register 30/8/2023 INZ23U047 HBR





Comments: Dam has a quality ease of calving pedigree, top of one side Connealy in Focus and top of the other Te Mania Infinity. This bull presents a good ease of calving dataset, Ease of Calving Direct in top 15%. His growth data is better than the New Zealand average EBVs for 200 400 and 600 day weights.

SPRING COVE RENO 4021\*
Sire: WOODHILL AUTHENTIC<sup>PV</sup>
WOODHILL EVERGREEN U181-A130\*

TOTARANUI 13004\*

Dam: TOTARANUI N358\*

TOTARANUI 15222\*

| August                                | 2024 Tra | nsTasmar | n Angus ( | Cattle Eva | luation |     | Gene   | etic Conditio | ons: AMFU | ,CAFU,DDI | FU,NHFU |     |      | Traits | Observed | : GL,BWT, | 200WT,G | Renomics |
|---------------------------------------|----------|----------|-----------|------------|---------|-----|--------|---------------|-----------|-----------|---------|-----|------|--------|----------|-----------|---------|----------|
| TACE                                  |          | Calving  | g Ease    |            |         |     | Growth |               |           | Fer       | tility  |     |      | Care   | case     |           |         | \$ Index |
| Tonsfasman Angus<br>Cattle Evaluation | CEDir    | CEDtrs   | GL        | BWT        | 200     | 400 | 600    | MCW           | Milk      | SS        | DC      | CWT | EMA  | Rib    | P8       | RBY       | IMF     | PRO      |
| EBV                                   | +6.5     | +6.4     | -4.6      | +3.7       | +53     | +89 | +105   | +74           | +18       | +2.5      | -4.1    | +55 | +5.9 | -0.1   | +0.1     | +0.3      | +1.2    | \$151    |
| Acc                                   | 64%      | 52%      | 83%       | 82%        | 83%     | 80% | 81%    | 77%           | 73%       | 78%       | 38%     | 69% | 68%  | 68%    | 68%      | 59%       | 73%     | ФЮ       |
| Perc                                  | 15       | 16       | 46        | 43         | 39      | 58  | 79     | 87            | 41        | 36        | 63      | 83  | 55   | 51     | 42       | 59        | 76      | 50       |
| Purchase                              | er:      |          |           |            |         |     |        |               |           |           |         | \$: |      |        |          |           |         |          |



Date of Birth 8/9/2023 Animal Ident INZ23U305 Register HBR A

Comments: Dam by the supersafe Real Deal. Authentic has done a good job of bring the growth data up while retaining ease of calving. Calving Ease Direct in top 1%.

SPRING COVE RENO 4021\*
Sire: WOODHILL AUTHENTICPV

WOODHILL EVERGREEN U181-A130#

STOKMAN REAL DEAL N247<sup>P</sup>

Dam: TOTARANUI R613<sup>PV</sup>
TOTARANUI P469<sup>SV</sup>

| August                                 | 2024 Tra | nsTasmar | n Angus ( | Cattle Eva | luation |     | Gene   | etic Conditio | ons: AMFU | ,CAFU,DD | FU,NHFU |     |      | Traits | Observed | : GL,BWT, | 200WT,0 | Genomics |
|--|----------|----------|-----------|------------|---------|-----|--------|---------------|-----------|----------|---------|-----|------|--------|----------|-----------|---------|----------|
| TACE                                   |          | Calving  | g Ease    |            |         |     | Growth |               |           | Fer      | tility  |     |      | Card   | case     |           |         | \$ Index |
| Transfermon Angus<br>Cattle Evaluation | CEDir    | CEDtrs   | GL        | BWT        | 200     | 400 | 600    | MCW           | Milk      | SS       | DC      | CWT | EMA  | Rib    | P8       | RBY       | IMF     | PRO      |
| EBV                                    | +10.3    | +8.5     | -6.1      | +0.4       | +52     | +90 | +121   | +77           | +20       | +2.1     | -2.6    | +67 | +6.9 | -1.9   | -2.3     | +0.7      | +1.0    | \$144    |
| Acc                                    | 63%      | 52%      | 83%       | 82%        | 82%     | 80% | 80%    | 77%           | 73%       | 78%      | 37%     | 69% | 68%  | 67%    | 68%      | 58%       | 73%     | \$144    |
| Perc                                   | 1        | 5        | 24        | 3          | 43      | 56  | 44     | 85            | 26        | 50       | 89      | 50  | 43   | 87     | 81       | 35        | 81      | 57       |
| Purchase                               | er:      |          |           |            |         |     |        |               |           |          |         | \$: |      |        |          |           |         |          |



Date of Birth 1/9/2023 Animal Ident INZ23U289

Register HBR





Comments: Out of a tidy, quiet cow, nice top line, good on the ground. She is low birth weight with excellent carcass data. Sired by a home bred Diablo bull, this bull has more growth than his dam, but a similar, very safe dataset for calving ease.

DIABLO DELUXE 1104PV Sire: TOTARANUI S219PV

TOTARANUI P461sv

WAITANGI L204<sup>SV</sup>
Dam: TOTARANUI P329<sup>SV</sup>
TOTARANUI 6112\*

| _   | 2024 Tra | nsTasmar | n Angus ( | Cattle Eva | luation |     | Gene   | etic Conditio | ons: AMFL | ,CAFU,DDI | FU,NHFU |     |      | Tra  | aits Obser | ved: BWT, | 200WT,G | enomics  |
|---|----------|----------|-----------|------------|---------|-----|--------|---------------|-----------|-----------|---------|-----|------|------|------------|-----------|---------|----------|
| TACE  |          | Calving  | g Ease    |            |         |     | Growth |               |           | Fer       | tility  |     |      | Card | ase        |           |         | \$ Index |
| TACE [[3-1][[]-1][ Tonsfarmen Angus Cottle Evaluation | CEDir    | CEDtrs   | GL        | BWT        | 200     | 400 | 600    | MCW           | Milk      | SS        | DC      | CWT | EMA  | Rib  | P8         | RBY       | IMF     | PRO      |
| EBV   | +9.6     | +6.9     | -10.0     | +0.6       | +40     | +81 | +112   | +75           | +27       | +2.0      | -6.1    | +54 | +7.0 | +2.9 | +3.3       | -0.6      | +3.2    | \$169    |
| Acc   | 63%      | 53%      | 81%       | 81%        | 82%     | 80% | 80%    | 77%           | 73%       | 78%       | 39%     | 68% | 68%  | 67%  | 69%        | 59%       | 73%     | \$109    |
| Perc  | 2        | 13       | 2         | 4          | 90      | 81  | 66     | 87            | 3         | 54        | 19      | 84  | 42   | 6    | 7          | 94        | 26      | 31       |
| Purchase  | er:      |          |           |            |         |     |        |               |           |           |         | \$: |      |      |            |           |         |          |

### ьот **40**

Purchaser:

### **TOTARANUI U058**PV

Date of Birth 5/9/2023

Animal Ident INZ23U058

Register HBR





Comments: Out of a low birthweight cow. Performance pedigree top and bottom of both dam and sire. This bull has good calving ease, coupled with very good growth. Carries good carcass traits with plenty of IMF.

CLUNES CROSSING DUSTY M13PV

Sire: TOTARANUI Q239SV

TOTARANUI 15225#

RENNYLEA L508<sup>PV</sup> Dam: TOTARANUI Q440<sup>SV</sup>

TOTARANUI 14299#

|  | 2024 Tra | nsTasmar | n Angus ( | Cattle Eva | luation |      | Gene   | etic Conditio | ons: AMFU | ,CAFU,DDI | FU,NHFU |     |      | Tra  | aits Obser | ved: BWT, | 200WT,G | enomics  |
|--|----------|----------|-----------|------------|---------|------|--------|---------------|-----------|-----------|---------|-----|------|------|------------|-----------|---------|----------|
| TACE                                     |          | Calving  | g Ease    |            |         |      | Growth |               |           | Fer       | tility  |     |      | Card | case       |           |         | \$ Index |
| TACE [[Tell[]]] Tonsile State Evaluation | CEDir    | CEDtrs   | GL        | BWT        | 200     | 400  | 600    | MCW           | Milk      | SS        | DC      | CWT | EMA  | Rib  | P8         | RBY       | IMF     | PRO      |
| EBV                                      | +3.3     | +3.6     | -10.1     | +3.5       | +49     | +103 | +126   | +116          | +24       | -0.7      | -2.7    | +69 | +5.2 | +0.0 | -1.3       | +0.4      | +2.7    | \$118    |
| Acc                                      | 66%      | 57%      | 82%       | 82%        | 83%     | 81%  | 82%    | 79%           | 75%       | 79%       | 45%     | 71% | 71%  | 70%  | 72%        | 61%       | 75%     | φπο      |
| Perc                                     | 42       | 45       | 2         | 38         | 60      | 21   | 34     | 27            | 9         | 99        | 88      | 45  | 64   | 49   | 67         | 53        | 37      | 80       |
|  |          |          |           |            |         |      |        |               |           |           |         |     |      |      |            |           |         |          |

| Breed                                 | d Avera | ge EBVs | - Augu | ıst 202 | 4 Trans | Tasmar | n Angus | Cattle E | Evaluat | ion  |        |     |      |      |      |      |         |       |     |       | Top 10 | % To  | p 50%    |
|---------------------------------------|---------|---------|--------|---------|---------|--------|---------|----------|---------|------|--------|-----|------|------|------|------|---------|-------|-----|-------|--------|-------|----------|
| TACE                                  |         | Calving | Ease   |         |         |        | Growth  |          |         | Fert | tility |     |      |      |      |      | Carcase | )     |     |       |        |       | \$ Index |
| Translisman Angus<br>Cartle Evolution | CEDir   | CEDtrs  | GL     | BWT     | 200     | 400    | 600     | MCW      | Milk    | SS   | DC     | CWT | EMA  | Rib  | P8   | RBY  | IMF     | NFI-F | Doc | Claw  | Angle  | Leg   | PRO      |
| EBV                                   | +1.8    | +2.7    | -4.4   | -4.0    | +51     | +92    | +119    | +102     | +17     | +2.2 | -4.6   | +67 | +6.4 | +0.0 | -0.3 | +0.5 | +2.3    | +0.22 | +21 | +0.84 | +0.97  | +1.02 | +149     |



Date of Birth Animal Ident Register 23/9/2023 INZ23U332 HBR





Comments: Out of a nice bodied, productive, good footed cow. This bull is a cow bull, showing potential for very good growth, carcass weight and meat quality.

BALDRIDGE ALTERNATIVE E125<sup>PV</sup> Sire: TOTARANUI S021<sup>PV</sup>

TOTARANUI N454#

MUSGRAVE BIG SKY<sup>PV</sup>
Dam: TOTARANUI N419<sup>PV</sup>
TOTARANUI 14237#

|   | 2024 Tra | nsTasmar | n Angus ( | Cattle Eva | luation |     | Gene   | etic Conditio | ons: AMFU | ,CAFU,DDI | FU,NHFU |     |       | Traits | Observed | :CE,BWT, | 200WT,G | enomics  |
|---|----------|----------|-----------|------------|---------|-----|--------|---------------|-----------|-----------|---------|-----|-------|--------|----------|----------|---------|----------|
| TACE  |          | Calving  | g Ease    |            |         |     | Growth |               |           | Fer       | tility  |     |       | Card   | case     |          |         | \$ Index |
| TACE  [[Pa]][[rai]]  Branstzernan Angus Catle Evolution | CEDir    | CEDtrs   | GL        | BWT        | 200     | 400 | 600    | MCW           | Milk      | SS        | DC      | CWT | EMA   | Rib    | P8       | RBY      | IMF     | PRO      |
| EBV   | -3.1     | +7.0     | -2.1      | +4.5       | +58     | +98 | +131   | +102          | +16       | +2.3      | -4.3    | +76 | +11.7 | -1.3   | -0.9     | +0.5     | +4.1    | \$183    |
| Acc   | 64%      | 55%      | 82%       | 81%        | 82%     | 80% | 80%    | 78%           | 73%       | 78%       | 40%     | 68% | 68%   | 67%    | 68%      | 59%      | 73%     | \$103    |
| Perc  | 86       | 12       | 83        | 62         | 19      | 32  | 24     | 49            | 56        | 43        | 58      | 28  | 7     | 77     | 60       | 47       | 12      | 19       |
| Purchase  | er:      |          |           |            |         |     |        |               |           |           |         | \$: |       |        |          |          |         |          |



Date of Birth Animal Ident 20/9/2023 INZ23U329

Register HBR



Comments: Birth weight on the right side of the ledger, but not a perfect dataset for ease of calving. Could be used in a herd that has good ease of calving and larger framed cows but better suited for 2yo mating or MA cows. Has good weaner growth potential as per the 200 day EBV.

H P C A ZEPHYR<sup>SV</sup> Sire: TOTARANUI S012<sup>SV</sup> TOTARANUI 14239<sup>SV</sup>  $\label{eq:clunes} \text{CLUNES CROSSING DUSTY M13PV} \\ \text{Dam: TOTARANUI Q640}^{\text{SV}}$ 

TOTARANUI 15290#

|          | 2024 Tra | ınsTasmaı | n Angus ( | Cattle Eva | luation |     | Gene   | etic Conditio | ons: AMFU | ,CAFU,DD | FU,NHFU |     |       | Traits | Observed | : CE,BWT, | 200WT,G | enomics |
|----------|----------|-----------|-----------|------------|---------|-----|--------|---------------|-----------|----------|---------|-----|-------|--------|----------|-----------|---------|---------|
| TACE     |          | Calving   | g Ease    |            |         |     | Growth |               |           | Fer      | tility  |     |       | Card   | case     |           |         | \$Index |
| TACE     | CEDir    | CEDtrs    | GL        | BWT        | 200     | 400 | 600    | MCW           | Milk      | SS       | DC      | CWT | EMA   | Rib    | P8       | RBY       | IMF     | PRO     |
| EBV      | +2.6     | +5.4      | -3.1      | +3.5       | +55     | +90 | +107   | +56           | +24       | +1.0     | -7.3    | +77 | +12.4 | -2.2   | -2.8     | +1.0      | +1.3    | \$187   |
| Acc      | 65%      | 57%       | 82%       | 82%        | 83%     | 81% | 81%    | 78%           | 75%       | 79%      | 43%     | 71% | 70%   | 70%    | 71%      | 61%       | 75%     | Φ101    |
| Perc     | 48       | 25        | 70        | 38         | 29      | 57  | 75     | 97            | 9         | 86       | 6       | 24  | 5     | 90     | 87       | 20        | 74      | 17      |
| Purchase | er:      |           |           |            |         |     |        |               |           |          |         | \$: |       |        |          |           |         |         |



### **TOTARANUI U314**PV

Date of Birth 11/9/2023 Animal Ident Register INZ23U314 HBR





Comments: Out of a very nice cow, thick and soft, good on the ground and well tempered. She is a purpose bred low birth weight dam. Crossed with R205, a favourite low birth weight sire. This bull has a very good dataset for ease of calving, including good carcass data, positive fats and IMF in top 20%.

DEER VALLEY WALL STREET\*
Sire: TOTARANUI R205<sup>SV</sup>

TOTARANUI 15233#

RENNYLEA L508<sup>PV</sup>
Dam: TOTARANUI P406<sup>SV</sup>
TOTARANUI 14280<sup>SV</sup>

| August   | 2024 Tra | nsTasmar | n Angus C | Cattle Eva | luation |     | Gene   | etic Conditio | ons: AMFU | ,CAFU,DDF | FU,NHFU |     |      | Tra  | aits Obser | ved: BWT, | 200WT,G | enomics  |
|----------|----------|----------|-----------|------------|---------|-----|--------|---------------|-----------|-----------|---------|-----|------|------|------------|-----------|---------|----------|
| TACE     |          | Calving  | Ease      |            |         |     | Growth |               |           | Fert      | ility   |     |      | Card | case       |           |         | \$ Index |
| TACE     | CEDir    | CEDtrs   | GL        | BWT        | 200     | 400 | 600    | MCW           | Milk      | SS        | DC      | CWT | EMA  | Rib  | P8         | RBY       | IMF     | PRO      |
| EBV      | +3.9     | +5.2     | -6.1      | +1.7       | +45     | +86 | +101   | +60           | +22       | +3.2      | -5.7    | +56 | +9.1 | +2.5 | +1.1       | +0.0      | +3.6    | \$177    |
| Acc      | 64%      | 53%      | 81%       | 81%        | 82%     | 80% | 81%    | 78%           | 73%       | 78%       | 41%     | 69% | 69%  | 68%  | 70%        | 59%       | 73%     | φι//     |
| Perc     | 36       | 27       | 24        | 10         | 77      | 68  | 85     | 95            | 14        | 17        | 26      | 81  | 21   | 9    | 26         | 76        | 19      | 24       |
| Purchase | er:      |          |           |            |         |     |        |               |           |           |         | \$: |      |      |            |           |         |          |

### LOT 44

Purchaser:

### TOTARANUI U326PV

Date of Birth Animal Ident 19/9/2023 INZ23U326 Register HBR





Comments: Cow bull. Out of a good cow, quiet and good on the ground, older but udder still well shaped. She has good calving ease in her dataset. This bull is on the cusp - his birth weight and Calving Ease Direct is middle of the road. Could be used in a herd that has inherent ease of calving, with caution and management. Benefit being he has growth to offer for growing out progeny, so daughters could have good ease of calving.

DIABLO DELUXE 1104PV Sire: TOTARANUI S297PV

TOTARANUI P427sv

Dam: TOTARANUI P505<sup>SV</sup> TOTARANUI M255#

TOTARANUI M036#

| August                                  | 2024 Tra | nsTasmar | n Angus C | Cattle Eva | luation |      | Gene   | tic Conditio | ons: AMFU | ,CAFU,DDI | FU,NHFU |     |      | Traits | Observed | :CE,BWT, | 200WT,G | enomics  |
|---|----------|----------|-----------|------------|---------|------|--------|--------------|-----------|-----------|---------|-----|------|--------|----------|----------|---------|----------|
| TACE                                    |          | Calving  | Ease      |            |         |      | Growth |              |           | Fer       | tility  |     |      | Card   | case     |          |         | \$ Index |
| TransTainman Angus<br>Cartle Evoluation | CEDir    | CEDtrs   | GL        | BWT        | 200     | 400  | 600    | MCW          | Milk      | SS        | DC      | CWT | EMA  | Rib    | P8       | RBY      | IMF     | PRO      |
| EBV                                     | +1.5     | +5.9     | -7.3      | +4.5       | +57     | +105 | +143   | +132         | +17       | +2.4      | -1.5    | +74 | +3.6 | +0.8   | +0.0     | +0.4     | +1.8    | \$128    |
| Acc                                     | 63%      | 52%      | 81%       | 81%        | 82%     | 80%  | 80%    | 77%          | 73%       | 77%       | 38%     | 68% | 67%  | 67%    | 68%      | 58%      | 73%     | φ128     |
| Perc                                    | 58       | 21       | 12        | 62         | 24      | 15   | 10     | 13           | 52        | 39        | 96      | 33  | 81   | 31     | 44       | 53       | 61      | 73       |

| Breed                                   | Averag | ge EBVs | - Augu | st 2024 | 4 Trans | Tasmar | n Angus | Cattle E | Evaluat | ion  |        |     |      |      |      |      |         |       |     |       | Top 10 | % T   | op 50%   |
|---|--------|---------|--------|---------|---------|--------|---------|----------|---------|------|--------|-----|------|------|------|------|---------|-------|-----|-------|--------|-------|----------|
| TACE                                    |        | Calving | Ease   |         |         |        | Growth  |          |         | Fert | tility |     |      |      |      |      | Carcase | )     |     |       |        |       | \$ Index |
| Translatorian Angus<br>Cartle Evolution | CEDir  | CEDtrs  | GL     | BWT     | 200     | 400    | 600     | MCW      | Milk    | SS   | DC     | CWT | EMA  | Rib  | P8   | RBY  | IMF     | NFI-F | Doc | Claw  | Angle  | Leg   | PRO      |
| EBV                                     | +1.8   | +2.7    | -4.4   | -4.0    | +51     | +92    | +119    | +102     | +17     | +2.2 | -4.6   | +67 | +6.4 | +0.0 | -0.3 | +0.5 | +2.3    | +0.22 | +21 | +0.84 | +0.97  | +1.02 | +149     |



Date of Birth Animal Ident 8/9/2023 INZ23U303 HD50K



Comments: Out of a low birthweight cow with good carcass traits. The ebv profile for this bull predicts very good outcomes for heifer mating, given top 10% ebvs for the 4 key indicators and lower growth. 600 day growth ebv is higher than the average of 2022 New Zealand born angus.

DEER VALLEY WALL STREET#
Sire: TOTARANUI R205<sup>SV</sup>
TOTARANUI 15233#

DEER VALLEY WALL STREET#

Dam: TOTARANUI R699<sup>SV</sup>

TOTARANUI N464#

| August  | 2024 Tra | nsTasmar | n Angus ( | Cattle Eva | luation |     | Gene   | etic Conditio | ons: AMFU | ,CAFU,DDI | FU,NHFU |     |      | Tra  | aits Obser | ved: BWT, | 200WT,G | Genomics |
|---|----------|----------|-----------|------------|---------|-----|--------|---------------|-----------|-----------|---------|-----|------|------|------------|-----------|---------|----------|
| TACE  |          | Calving  | g Ease    |            |         |     | Growth |               |           | Fer       | tility  |     |      | Card | ase        |           |         | \$ Index |
| TACE  [Test[[test]]  Transflavoran Angus Carthe Evolution | CEDir    | CEDtrs   | GL        | BWT        | 200     | 400 | 600    | MCW           | Milk      | SS        | DC      | CWT | EMA  | Rib  | P8         | RBY       | IMF     | PRO      |
| EBV   | +8.8     | +9.2     | -8.2      | -0.3       | +39     | +80 | +110   | +74           | +20       | +0.6      | -5.1    | +59 | +5.0 | +4.3 | +3.6       | -0.4      | +2.8    | \$169    |
| Acc   | 66%      | 54%      | 83%       | 83%        | 84%     | 82% | 82%    | 79%           | 75%       | 79%       | 39%     | 70% | 69%  | 69%  | 70%        | 60%       | 74%     | \$109    |
| Perc  | 4        | 3        | 7         | 2          | 92      | 83  | 70     | 87            | 29        | 93        | 38      | 75  | 66   | 2    | 5          | 89        | 34      | 31       |
| Purchase  | er:      |          |           |            |         |     |        |               |           |           |         | \$: |      |      |            |           |         |          |



Date of Birth 23/9/2023

Animal Ident INZ23U330

Register HBR

Register

**HBR** 



Comments: Out of a good bodied medium sized cow, quiet. She is a low birthweight cow. By a favourite low birthweight sire, P103, this bull has good calving ease, some good carcass traits and will grow out well.

RENNYLEA L508<sup>PV</sup>
Sire: TOTARANUI P103<sup>SV</sup>
TOTARANUI 14214<sup>SV</sup>

TOTARANUI M039<sup>PV</sup>
Dam: TOTARANUI P459<sup>SV</sup>
TOTARANUI M239<sup>#</sup>

| August                              | 2024 Tra | nsTasmar | n Angus ( | Cattle Eva | aluation |     | Gene   | etic Conditio | ons: AMFU | J,CAFU,DD | FU,NHFU |     |       | Traits | Observed | :CE,BWT, | 200WT,G | enomics      |
|-------------------------------------|----------|----------|-----------|------------|----------|-----|--------|---------------|-----------|-----------|---------|-----|-------|--------|----------|----------|---------|--------------|
| TACE                                |          | Calving  | g Ease    |            |          |     | Growth |               |           | Fer       | tility  |     |       | Card   | case     |          |         | \$ Index     |
| Testasman Angus<br>Cattle Exokution | CEDir    | CEDtrs   | GL        | BWT        | 200      | 400 | 600    | MCW           | Milk      | SS        | DC      | CWT | EMA   | Rib    | P8       | RBY      | IMF     | PRO          |
| EBV                                 | +2.3     | +5.5     | -4.7      | +2.4       | +37      | +70 | +93    | +77           | +16       | -0.1      | -4.9    | +47 | +10.8 | +1.9   | +1.5     | +1.2     | -0.1    | <b>©10.4</b> |
| Acc                                 | 64%      | 54%      | 81%       | 81%        | 82%      | 80% | 80%    | 78%           | 74%       | 78%       | 41%     | 69% | 68%   | 68%    | 69%      | 60%      | 73%     | \$124        |
| Perc                                | 51       | 24       | 45        | 18         | 95       | 96  | 93     | 85            | 54        | 98        | 43      | 94  | 10    | 14     | 21       | 13       | 96      | 76           |
| Purchase                            | er:      |          |           |            |          |     |        |               |           |           |         | \$: |       |        |          |          |         |              |



Date of Birth 9/10/2023

Animal Ident INZ23U352

Register HBR



HD50K



Comments: Cow bull. Out of a young cow, well tempered and carries condition well. Excellent growth, carcass weight and IMF.

G A R ASHLAND PV Sire: TOTARANUI R003 SV  ${\rm TOTARANUI} \ 15292^{\rm E}$ 

SYDGEN ENHANCE<sup>SV</sup>
Dam: TOTARANUI S435<sup>PV</sup>
TOTARANUI M298#

|         | 2024 Tra | nsTasmar | n Angus ( | Cattle Eva | luation |      | Gene   | etic Conditi | ons: AMFU | J,CAFU,DD | FU,NHFU |     |      | Tra  | aits Obser | ved: BWT, | 200WT,G | Renomics |
|---------|----------|----------|-----------|------------|---------|------|--------|--------------|-----------|-----------|---------|-----|------|------|------------|-----------|---------|----------|
| TACE    |          | Calving  | g Ease    |            |         |      | Growth |              |           | Fer       | tility  |     |      | Card | case       |           |         | \$ Index |
| TACE    | CEDir    | CEDtrs   | GL        | BWT        | 200     | 400  | 600    | MCW          | Milk      | SS        | DC      | CWT | EMA  | Rib  | P8         | RBY       | IMF     | PRO      |
| EBV     | +0.0     | +5.8     | -2.4      | +4.5       | +66     | +110 | +148   | +135         | +14       | +1.4      | -3.8    | +85 | +5.9 | -2.0 | -3.0       | +0.1      | +3.1    | \$166    |
| Acc     | 65%      | 56%      | 81%       | 81%        | 82%     | 80%  | 81%    | 77%          | 73%       | 78%       | 40%     | 69% | 68%  | 68%  | 69%        | 60%       | 73%     | \$100    |
| Perc    | 70       | 21       | 80        | 62         | 4       | 9    | 6      | 10           | 74        | 75        | 70      | 10  | 55   | 88   | 88         | 71        | 28      | 34       |
| Purchas | er:      |          |           |            |         |      |        |              |           |           |         | \$: |      |      |            |           |         |          |

### LOT 48 TOTARANUI U257PV

Date of Birth 20/8/2023

Animal Ident INZ23U257

Register HBR





Comments: Cow bull. Out of a quiet cow, good type, positive calving ease and high IMF. This bull has shown more growth and less calving ease - Bountiful's influence. But he has good carcass weight and IMF as a result.

GARHOME TOWN<sup>PV</sup>
Sire: HPCABOUNTIFUL#
HPCASUNRISEA246#

KAKAHU BOND 13007<sup>PV</sup>
Dam: TOTARANUI P456<sup>SV</sup>
TOTARANUI 15203\*

| August   | 2024 Tra | ınsTasmaı | n Angus ( | Cattle Eva | luation |      | Gene   | etic Conditio | ons: AMFU | ,CAFU,DDI | FU,NHFU |     |      | Traits | Observed | :GL,BWT, | 200WT,G | enomics  |
|----------|----------|-----------|-----------|------------|---------|------|--------|---------------|-----------|-----------|---------|-----|------|--------|----------|----------|---------|----------|
| TACE     |          | Calving   | g Ease    |            |         |      | Growth |               |           | Fer       | tility  |     |      | Card   | case     |          |         | \$ Index |
| TACE     | CEDir    | CEDtrs    | GL        | BWT        | 200     | 400  | 600    | MCW           | Milk      | SS        | DC      | CWT | EMA  | Rib    | P8       | RBY      | IMF     | PRO      |
| EBV      | -0.4     | -0.8      | -5.2      | +5.1       | +63     | +109 | +134   | +133          | +13       | +3.7      | -4.5    | +75 | +4.7 | -1.5   | -5.1     | -0.6     | +3.8    | \$134    |
| Acc      | 66%      | 56%       | 84%       | 82%        | 83%     | 81%  | 82%    | 79%           | 75%       | 79%       | 41%     | 72% | 71%  | 70%    | 71%      | 62%      | 76%     | Ф134     |
| Perc     | 72       | 83        | 37        | 74         | 8       | 10   | 21     | 12            | 79        | 9         | 53      | 29  | 70   | 81     | 98       | 94       | 16      | 67       |
| Purchase | er:      |           |           |            |         |      |        |               |           |           |         | \$: |      |        |          |          |         |          |

| Breed                                   | l Avera | ge EBVs | - Augu | ıst 2024 | 4 Trans | Tasmar | n Angus | Cattle E | Evaluat | ion  |        |     |      |      |      |      |         |       |     |       | Top 10 | % To  | op 50%   |
|---|---------|---------|--------|----------|---------|--------|---------|----------|---------|------|--------|-----|------|------|------|------|---------|-------|-----|-------|--------|-------|----------|
| TACE                                    |         | Calving | Ease   |          |         |        | Growth  |          |         | Fert | tility |     |      |      |      |      | Carcase | •     |     |       |        |       | \$ Index |
| Franslasman Angus<br>Cartile Evaluation | CEDir   | CEDtrs  | GL     | BWT      | 200     | 400    | 600     | MCW      | Milk    | SS   | DC     | CWT | EMA  | Rib  | P8   | RBY  | IMF     | NFI-F | Doc | Claw  | Angle  | Leg   | PRO      |
| EBV                                     | +1.8    | +2.7    | -4.4   | -4.0     | +51     | +92    | +119    | +102     | +17     | +2.2 | -4.6   | +67 | +6.4 | +0.0 | -0.3 | +0.5 | +2.3    | +0.22 | +21 | +0.84 | +0.97  | +1.02 | +149     |



Date of Birth 20/8/2023 Register HBR





Comments: Out of a good young cow, good temperament and good type. She has good birthweight, growth and carcass. This bull has birthweight in top 20% but negative calving ease direct, his own birth weight 35kgs. Could be used over heifers in a herd that has inherent calving ease and a regular 2yo calving policy but with caution and close management. More suited to 2yo mating or MA mating.

G A R INERTIA<sup>PV</sup>
Sire: WAIRERE REAL DEAL H829<sup>PV</sup>
WAIRERE E664<sup>SV</sup>

Animal Ident

IN723LI042

TOTARANUI P107<sup>SV</sup>

Dam: TOTARANUI R703<sup>PV</sup>

TOTARANUI P318<sup>SV</sup>

| August  | 2024 Tra | nsTasmaı | n Angus ( | Cattle Eva | luation |     | Gene   | etic Conditio | ons: AMFU | ,CAFU,DDI | FU,NHFU |     |      | Traits | Observed | :GL,BWT, | 200WT,G | enomics  |
|---|----------|----------|-----------|------------|---------|-----|--------|---------------|-----------|-----------|---------|-----|------|--------|----------|----------|---------|----------|
| TACE  |          | Calvin   | g Ease    |            |         |     | Growth |               |           | Fer       | tility  |     |      | Card   | case     |          |         | \$ Index |
| TACE [[]*-1[[]*-1[[ Transfluenten Arque Cattle Evaluation | CEDir    | CEDtrs   | GL        | BWT        | 200     | 400 | 600    | MCW           | Milk      | SS        | DC      | CWT | EMA  | Rib    | P8       | RBY      | IMF     | PRO      |
| EBV   | -1.3     | +1.7     | -5.7      | +2.6       | +50     | +97 | +133   | +107          | +17       | +4.0      | -4.4    | +69 | +8.1 | +2.2   | +2.3     | -0.3     | +4.5    | \$174    |
| Acc   | 64%      | 55%      | 83%       | 81%        | 82%     | 80% | 80%    | 77%           | 73%       | 78%       | 39%     | 68% | 68%  | 67%    | 69%      | 59%      | 73%     | Φ1/4     |
| Perc  | 78       | 65       | 30        | 21         | 52      | 35  | 22     | 41            | 50        | 6         | 55      | 47  | 30   | 11     | 13       | 87       | 8       | 26       |
| Purchas   | er:      |          |           |            |         |     |        |               |           |           |         | \$: |      |        |          |          |         |          |



### TOTARANUI U007PV

Date of Birth 8/8/2023 Animal Ident Register INZ23U007 HBR

HD50K



Comments: Out of a dam bred for calving ease, she also has good carcass traits including positive fats. This bull has kept the same qualities of the dam, enhanced by the sire's calving ease and growth. His calving ease is very good, growth above the average of 2022 New Zealand born Angus. Good carcass quality as well.

G A R INERTIA<sup>PV</sup>
Sire: WAIRERE REAL DEAL H829<sup>PV</sup>
WAIRERE E664<sup>SV</sup>

TE MANIA 17376<sup>PV</sup>
Dam: TOTARANUI R660<sup>PV</sup>
TOTARANUI P337<sup>SV</sup>

| August                                 | 2024 Tra | nsTasmar | Angus ( | Cattle Eva | luation |     | Gene   | etic Conditio | ons: AMFU | ,CAFU,DD | FU,NHFU |     |       | Traits | Observed | : GL,BWT, | 200WT,G | Genomics |
|--|----------|----------|---------|------------|---------|-----|--------|---------------|-----------|----------|---------|-----|-------|--------|----------|-----------|---------|----------|
| TACE                                   |          | Calving  | Ease    |            |         |     | Growth |               |           | Fer      | tility  |     |       | Card   | case     |           |         | \$ Index |
| Transfasman Angus<br>Cattle Evaluation | CEDir    | CEDtrs   | GL      | BWT        | 200     | 400 | 600    | MCW           | Milk      | SS       | DC      | CWT | EMA   | Rib    | P8       | RBY       | IMF     | PRO      |
| EBV                                    | +5.3     | +6.2     | -8.0    | +2.9       | +45     | +84 | +107   | +78           | +24       | +1.0     | -5.7    | +56 | +10.1 | +3.0   | +2.4     | +0.1      | +3.4    | \$178    |
| Acc                                    | 64%      | 55%      | 82%     | 81%        | 82%     | 80% | 80%    | 77%           | 73%       | 78%      | 39%     | 68% | 68%   | 67%    | 69%      | 58%       | 73%     | \$178    |
| Perc                                   | 24       | 18       | 8       | 26         | 77      | 73  | 75     | 83            | 7         | 86       | 26      | 82  | 14    | 6      | 12       | 71        | 22      | 23       |
| Purchase                               | ar.      |          |         |            |         |     |        |               |           |          |         | Ф.  |       |        |          |           |         |          |

### ьот **51**

### TOTARANUI U018PV

Date of Birth 9/8/2023 Animal Ident Register INZ23U018 HBR





Comments: Out of a productive smaller cow with a quiet nature. She is a predictable low birth weight dam with IMF in top 5% of Australasia. Crossed with Murdeduke this bull's dataset is also very tidy, with short Gestation, Birth Weight in top 5% and Calving Ease Direct top 15%.

LAWSONS MOMENTOUS M518<sup>PV</sup>
Sire: MURDEDUKE QUARTERBACK Q011<sup>PV</sup>

MURDEDUKE BARUNAH NO26<sup>PV</sup>

TOTARANUI 13010#

Dam: TOTARANUI M281#

TOTARANUI 14314#

| August   | 2024 Tra | nsTasmar | n Angus ( | Cattle Eva | luation |     | Gene   | etic Conditio | ons: AMFU | ,CAFU,DDI | FU,NHFU |     |      | Traits | Observed | :GL,BWT, | 200WT,G | enomics  |
|----------|----------|----------|-----------|------------|---------|-----|--------|---------------|-----------|-----------|---------|-----|------|--------|----------|----------|---------|----------|
| TACE     |          | Calving  | Ease      |            |         |     | Growth |               |           | Fer       | ility   |     |      | Card   | case     |          |         | \$ Index |
| TACE     | CEDir    | CEDtrs   | GL        | BWT        | 200     | 400 | 600    | MCW           | Milk      | SS        | DC      | CWT | EMA  | Rib    | P8       | RBY      | IMF     | PRO      |
| EBV      | +6.7     | +1.7     | -7.6      | +1.0       | +33     | +72 | +90    | +57           | +23       | +3.0      | -4.3    | +46 | +6.0 | +2.8   | +4.1     | -1.3     | +6.9    | \$152    |
| Acc      | 68%      | 58%      | 83%       | 82%        | 83%     | 82% | 82%    | 79%           | 76%       | 80%       | 44%     | 72% | 71%  | 70%    | 71%      | 62%      | 75%     | \$15∠    |
| Perc     | 13       | 65       | 10        | 5          | 98      | 94  | 94     | 96            | 11        | 21        | 58      | 94  | 54   | 7      | 4        | 99       | 1       | 49       |
| Purchase | er:      |          |           |            |         |     |        |               |           |           |         | \$: |      |        |          |          |         |          |

### LOT **52**

### TOTARANUI U069PV

Date of Birth 21/9/2023 Animal Ident INZ23U069

Register HBR





Comments: Later born calf. Out of a phenotype dam with a phenotype pedigree. Crossed with Storth Oaks P9, who I bought for his phenotype data combination. He has done a great job here of producing a bull with a balanced dataset across the board. He could be used as a heifer bull with careful management, and would produce females suitable as replacements.

ESSLEMONT LOTTO L3PV
Sire: STORTH OAKS P9PV

STORTH OAKS M211#

Dam: TOTARANUI M351<sup>PV</sup>
TOTARANUI 12072<sup>SV</sup>

TOTARANUI 12287#

|   | 2024 Tra | nsTasmar | n Angus ( | Cattle Eva | luation |     | Gene   | etic Conditio | ons: AMFU | J,CAFU,DDI | FU,NHFU |     |      | Tra  | aits Obser | ved: BWT, | 200WT,G | enomics  |
|---|----------|----------|-----------|------------|---------|-----|--------|---------------|-----------|------------|---------|-----|------|------|------------|-----------|---------|----------|
| TACE  |          | Calving  | Ease      |            |         |     | Growth |               |           | Fer        | tility  |     |      | Card | case       |           |         | \$ Index |
| TACE  [[3-4] [[3-4] [ Tonsflannan Angus Cottle Evaluation | CEDir    | CEDtrs   | GL        | BWT        | 200     | 400 | 600    | MCW           | Milk      | SS         | DC      | CWT | EMA  | Rib  | P8         | RBY       | IMF     | PRO      |
| EBV   | +2.8     | +4.2     | -7.3      | +3.9       | +49     | +99 | +130   | +107          | +18       | +3.8       | -6.4    | +78 | +3.0 | +1.3 | +1.4       | +0.4      | +1.8    | \$180    |
| Acc   | 63%      | 53%      | 81%       | 81%        | 82%     | 80% | 80%    | 77%           | 73%       | 78%        | 40%     | 69% | 68%  | 68%  | 69%        | 60%       | 73%     | \$180    |
| Perc  | 46       | 38       | 12        | 48         | 61      | 29  | 27     | 41            | 42        | 8          | 15      | 23  | 85   | 22   | 22         | 53        | 61      | 22       |
| Purchase  | er:      |          |           |            |         |     |        |               |           |            |         | \$: |      |      |            |           |         |          |

| Breed | l Avera | ge EBVs | - Augu | ıst 2024 | 4 Trans | Tasmar | n Angus | Cattle E | Evaluat | ion  |        |     |      |      |      |      |        |       |     |       | Top 10 | % To  | op 50%   |
|-------|---------|---------|--------|----------|---------|--------|---------|----------|---------|------|--------|-----|------|------|------|------|--------|-------|-----|-------|--------|-------|----------|
| TACE  |         | Calving | g Ease |          |         |        | Growth  |          |         | Fert | tility |     |      |      |      |      | Carcas | е     |     |       |        |       | \$ Index |
|       |         | CEDtrs  | GL     | BWT      | 200     | 400    | 600     | MCW      | Milk    | SS   | DC     | CWT | EMA  | Rib  | P8   | RBY  | IMF    | NFI-F | Doc | Claw  | Angle  | Leg   | PRO      |
| EBV   | +1.8    | +2.7    | -4.4   | -4.0     | +51     | +92    | +119    | +102     | +17     | +2.2 | -4.6   | +67 | +6.4 | +0.0 | -0.3 | +0.5 | +2.3   | +0.22 | +21 | +0.84 | +0.97  | +1.02 | +149     |



Date of Birth Animal Ident Register IN723LI346 **HBR** 25/9/2023





Comments: Cow bull. Dam nice and quiet. Good calving ease daughters but his direct calving ease is negative, Growth above average against the New Zealand born Angus average. A good bull to inject some IMF into a herd.

DIABLO DELUXE 1104PV Sire: TOTARANUI S219PV TOTARANUI P461SV

SYDGEN EXCEED 3223PV Dam: TOTARANUI P335sv TOTARANUI 021#

|          | 2024 Tra | nsTasmar | n Angus ( | Cattle Eva | luation |     | Gene   | etic Conditio | ons: AMFL | J,CAFU,DD | FU,NHFU |     |      | Traits | Observed | : CE,BWT, | ,200WT,G | enomics  |
|----------|----------|----------|-----------|------------|---------|-----|--------|---------------|-----------|-----------|---------|-----|------|--------|----------|-----------|----------|----------|
| TACE     |          | Calving  | Ease      |            |         |     | Growth |               |           | Fer       | tility  |     |      | Car    | case     |           |          | \$ Index |
| TACE     | CEDir    | CEDtrs   | GL        | BWT        | 200     | 400 | 600    | MCW           | Milk      | SS        | DC      | CWT | EMA  | Rib    | P8       | RBY       | IMF      | PRO      |
| EBV      | -3.1     | +4.7     | -5.1      | +5.7       | +49     | +85 | +113   | +95           | +11       | +0.9      | -2.4    | +54 | +6.5 | -3.6   | -4.4     | +0.1      | +5.5     | \$119    |
| Acc      | 63%      | 52%      | 81%       | 80%        | 81%     | 79% | 79%    | 76%           | 72%       | 77%       | 37%     | 67% | 66%  | 66%    | 67%      | 57%       | 71%      | ФПЭ      |
| Perc     | 86       | 33       | 38        | 84         | 61      | 70  | 64     | 61            | 90        | 88        | 91      | 84  | 48   | 98     | 96       | 71        | 3        | 79       |
| Purchase | er:      |          |           |            |         |     |        |               |           |           |         | \$: |      |        |          |           |          |          |



### TOTARANUI U009PV

Date of Birth 6/8/2023

Animal Ident Register INZ23U009 **HBR** 





Comments: Out of a cow with good calving ease data. She is by P107, a powerful low birth weight sire we liked - he showed calving ease and growth, with good type. This bull has outstanding calving ease balanced with growth and carcass. His birth weight differential to his 600 day growth weight shows potential for curve bending performance.

GARINERTIAPV Sire: WAIRERE REAL DEAL H829PV WAIRERE E664sv

TOTARANUI P107<sup>SV</sup> Dam: TOTARANUI R739PV TOTARANUI 14266<sup>SN</sup>

| August                                 | 2024 Tra                | nsTasmaı | n Angus ( | Cattle Eva | luation |                | Gene   | etic Conditio | ons: AMFL | J,CAFU,DD | FU,NHFU | Traits Observed: GL,BWT,200WT,Genomics |           |      |      |       |      |          |  |
|--|-------------------------|----------|-----------|------------|---------|----------------|--------|---------------|-----------|-----------|---------|--|-----------|------|------|-------|------|----------|--|
| TACE                                   |                         | Calvin   | g Ease    |            |         |                | Growth |               |           | Fer       | tility  |  |           | Card | case |       |      | \$ Index |  |
| Transfasman Angus<br>Cattle Evaluation | CEDir                   | CEDtrs   | GL        | BWT        | 200     | 400            | 600    | MCW           | Milk      | SS        | DC      | CWT                                    | EMA       | Rib  | P8   | RBY   | IMF  | PRO      |  |
| EBV                                    | +6.6                    | +6.9     | -10.1     | +0.6       | +47     | +96            | +127   | +105          | +17       | +2.3      | -4.0    | +66                                    | +8.2      | +3.6 | +3.0 | -O.1  | +3.4 | \$184    |  |
| Acc                                    | Acc 65% 55% 82% 81% 82% |          |           |            |         | 80%            | 80%    | 78%           | 73%       | 78%       | 39%     | 69%                                    | 68%       | 68%  | 69%  | 59%   | 73%  | \$104    |  |
| Perc                                   | 14                      | 13       | 2         | 4          | 68      | 68 39 32 44 48 |        |               |           |           | 65      | 54                                     | 29        | 3    | 8    | 80 22 |      | 19       |  |
| Purchase                               | or.                     |          |           |            |         |                |        |               |           |           |         |  | <b>¢.</b> |      |      |       |      |          |  |

### LOT 55

### TOTARANUI U033PV

Date of Birth 16/8/2023

Animal Ident INZ23U033 HD50K



Comments: Out of a good cow, good on the ground and quiet, low birth weight dataset with excellent carcass data. Crossed with S007 to produce a heifer bull, he has very safe data although he gives growth away a little to do it, hence his Calving Ease Daughters is less desirable, so not ideal for keeping replacements. Ideal as a terminal heifer bull though.

HPCA7FPHYRSV Sire: TOTARANUI S007sv

TOTARANUI 14253<sup>SV</sup>

TOTARANUI O212SV Dam: TOTARANUI S677PV TOTARANUI P506sv

| August                                 | 2024 Tra                | nsTasmaı | n Angus ( | Cattle Eva | luation |     | Gene   | etic Conditio | ons: AMFU | J,CAFU,DD | FU,NHFU | Traits Observed: BWT,200WT,Genomics |      |          |      |      |      |       |  |
|--|-------------------------|----------|-----------|------------|---------|-----|--------|---------------|-----------|-----------|---------|-------------------------------------|------|----------|------|------|------|-------|--|
| TACE                                   |                         | Calvin   | g Ease    |            |         |     | Growth |               |           | Fer       | tility  |                                     |      | \$ Index |      |      |      |       |  |
| Transfermen Angus<br>Cattle Evaluation | CEDir                   | CEDtrs   | GL        | BWT        | 200     | 400 | 600    | MCW           | Milk      | SS        | DC      | CWT                                 | EMA  | Rib      | P8   | RBY  | IMF  | PRO   |  |
| EBV                                    | +7.3                    | +1.1     | -8.3      | +1.7       | +39     | +71 | +94    | +37           | +22       | +0.6      | -3.1    | +63                                 | +9.5 | -1.8     | -1.3 | +0.6 | +3.5 | \$136 |  |
| Acc                                    | Acc 61% 51% 80% 80% 81% |          |           |            |         |     | 79%    | 76%           | 72%       | 77%       | 37%     | 67%                                 | 66%  | 66%      | 67%  | 56%  | 71%  | \$130 |  |
| Perc                                   | Perc 10 70 6 10 92      |          |           |            |         |     | 92     | 99            | 17        | 93        | 83      | 64                                  | 18   | 85       | 67   | 41   | 21   | 65    |  |
| Purchaser:                             |                         |          |           |            |         |     |        |               |           |           |         | \$:                                 |      |          |      |      |      |       |  |



TACE

FBV

Acc

Perc Purchaser:

+6.8

64%

13

### TOTARANUI U065PV

Date of Birth 13/9/2023

Animal Ident INZ23U065 Register **HBR** 

Register

**HBR** 





Comments: Out of a nice type dam, good temperament - she has a superb ease of calving dataset. Q239 has injected some growth into this bull's dataset, to compliment his ease of calving. Gestation in top 5%, Ease of Calving Direct in top 15%. Some carcass merit too with solid IMF and positive fats.

CLUNES CROSSING DUSTY M13PV

Sire: TOTARANUI Q239sv

TOTARANUI 15225#

TOTARANUI 15004PA Dam: TOTARANUI N454#

TOTARANUI 15289#

August 2024 TransTasman Angus Cattle Evaluation Genetic Conditions: AMFU,CAFU,DDFU,NHFU Traits Observed: BWT,200WT,Genomics CEDir **CEDtrs** GL BWT 400 600 MCW Milk SS DC CWT EMA Rib P8 RBY IMF PRO 200 -6.0 +5.8 -10.1 +3.6 +49 +91 +125 +112 +28 +02 +62 +50 +1.8 +0.6 +02 +3.2 \$164 55% 82% 82% 83% 80% 81% 78% 74% 78% 41% 70% 69% 69% 70% 60% 74% 21 2 41 60 53 37 34 3 96 20 67 66 15 33 65 26 36

Breed Average EBVs - August 2024 TransTasman Angus Cattle Evaluation Top 10% Top 50% TACE CEDir CEDtrs GL BWT 200 400 600 MCW Milk SS DC CWT EMA Rib P8 RBY IMF NFI-F Doc Claw Angle Leg PRO EBV +1.8 -4.0 +92 +119 +102 +17 +2.2 +67 +6.4 +0.0 -0.3 +0.5 +2.3 +0.22 +0.84 +0.97 +1.02 +149 +51

LOT 57

### TOTARANUI U234PV

Date of Birth Animal Ident Register 12/8/2023 INZ23U234 **HBR** 

Animal Ident

INZ23U027





Comments: Out of a smaller cow, very quiet, well footed, bred for calving ease, by a favourite of ours, M48. He was quiet, thick, and reliable as a low birth weight sire. Together with Patrol, this bull has an outstanding outlook for successful heifer calving outcomes. His growth outlook is at the New Zealand breed average. Positive fats and very strong IMF.

PATHEINDER GENESIS G357PV Sire: WARRAWEE PATROL P29PV WARRAWEE GENERAL TURIKU M1 M01sv

TOTARANUI M048# Dam: TOTARANUI R448PV TOTARANUI N471#

|  | 2024 Tra                | nsTasmar | n Angus ( | Cattle Eva | luation |                   | Gene   | etic Conditio | ons: AMFU | ,CAFU,DD | FU,NHFU | Traits Observed: GL,BWT,200WT,Genomics |      |          |      |      |       |       |  |
|--|-------------------------|----------|-----------|------------|---------|-------------------|--------|---------------|-----------|----------|---------|--|------|----------|------|------|-------|-------|--|
| TACE   |                         | Calving  | g Ease    |            |         |                   | Growth |               |           | Fer      | tility  |  |      | \$ Index |      |      |       |       |  |
| TACE [[3-1][[]-1][ Torofaction Arous Cotife Evaluation | CEDir                   | CEDtrs   | GL        | BWT        | 200     | 400               | 600    | MCW           | Milk      | SS       | DC      | CWT                                    | EMA  | Rib      | P8   | RBY  | IMF   | PRO   |  |
| EBV  | +8.1                    | +9.8     | -8.6      | +1.5       | +41     | +81               | +100   | +96           | +14       | +1.6     | -6.8    | +55                                    | +6.5 | +4.8     | +5.5 | -0.3 | +3.6  | \$203 |  |
| Acc  | Acc 65% 55% 83% 81% 82% |          |           |            |         |                   | 81%    | 78%           | 74%       | 78%      | 44%     | 71% 70% 70% 71%                        |      |          | 71%  | 61%  | \$203 |       |  |
| Perc   | 6                       | 2        | 5         | 8          | 89      | 89 81 85 59 74 69 |        |               |           |          |         | 0 84 48 1 1 87                         |      |          |      | 19   | 8     |       |  |
| Purchase   | Purchaser:              |          |           |            |         |                   |        |               |           |          |         | \$:                                    |      |          |      |      |       |       |  |

LOT 58

### TOTARANUI U027PV

Date of Birth 11/8/2023

Register **HBR** 

**HBR** 

**HBR** 



Comments: Dam by Q212, by Stokman Real Deal, a very safe and predictable heifer bull, used widely by us for this programme. Crossed with a son of Zephyr, produces a very balanced bull in terms of EBVs. Calving ease middle of the road with very short gestation potential. Suitable as a heifer bull in herds with inherent calving ease. Good growth, fertility and carcass data.

HPCAZEPHYR<sup>sv</sup> Sire: TOTARANUI S007SV TOTARANUI 14253sv

TOTARANUI Q212sv Dam: TOTARANUI S662PV TOTARANUI P451sv

| August                                | 2024 Tra                | nsTasmar | n Angus ( | Cattle Eva | luation |                 | Gene   | etic Conditio | ons: AMFL | I,CAFU,DDI | FU,NHFU        | Traits Observed: BWT,200WT,Genomics |      |          |      |      |      |       |  |
|---------------------------------------|-------------------------|----------|-----------|------------|---------|-----------------|--------|---------------|-----------|------------|----------------|-------------------------------------|------|----------|------|------|------|-------|--|
| TACE                                  |                         | Calving  | g Ease    |            |         |                 | Growth |               |           | Fer        | tility         |                                     |      | \$ Index |      |      |      |       |  |
| Tonsfasman Angus<br>Cattle Evaluation | CEDir                   | CEDtrs   | GL        | BWT        | 200     | 400             | 600    | MCW           | Milk      | SS         | DC             | CWT                                 | EMA  | Rib      | P8   | RBY  | IMF  | PRO   |  |
| EBV                                   | +3.1 +2.8 -7.7 +4.0 +50 |          |           |            |         | +89             | +119   | +104          | +21       | +4.8       | -5.9           | +61                                 | +9.1 | -3.9     | -4.6 | +1.2 | +4.1 | \$169 |  |
| Acc                                   | Acc 61% 51% 81% 80% 82% |          |           |            |         | 79% 80% 76% 72% |        |               |           |            | 36%            | 67%                                 | 67%  | 66%      | 68%  | 57%  | 72%  | \$109 |  |
| Perc                                  | 44                      | 54       | 10        | 50         | 53      | 58 50 47 23     |        |               |           |            | 22 68 21 99 97 |                                     |      |          | 13   | 31   |      |       |  |
| Purchase                              | Purchaser-              |          |           |            |         |                 |        |               |           |            | <b>Q.</b>      |                                     |      |          |      |      |      |       |  |

### TOTARANUI U293PV

Date of Birth 3/9/2023

Animal Ident Register INZ23U293



HD50K



Comments: Dam bred for calving ease, she is smaller in frame. Crossed with Authentic, she has produced this bull with top 10% calving ease across the board. He doesn't give away much in terms of growth potential. He has IMF and very good EMA.

SPRING COVE RENO 4021# Sire: WOODHILL AUTHENTICPV

WOODHILL EVERGREEN U181-A130#

TE MANIA 17376PV Dam: TOTARANUI R668PV TOTARANUI P443<sup>SV</sup>

| August   | 2024 Tra                | ınsTasmaı | n Angus ( | Cattle Eva | luation |                | Gene            | etic Conditio | ons: AMFU | ,CAFU,DDI | FU,NHFU | Traits Observed: GL,BWT,200WT,Genomics |       |          |      |      |       |      |  |
|--|-------------------------|-----------|-----------|------------|---------|----------------|-----------------|---------------|-----------|-----------|---------|--|-------|----------|------|------|-------|------|--|
| TACE   |                         | Calvin    | g Ease    |            |         |                | Growth          |               |           | Fer       | tility  |  |       | \$ Index |      |      |       |      |  |
| TACE [[] o [ | CEDir                   | CEDtrs    | GL        | BWT        | 200     | 400            | 600             | MCW           | Milk      | SS        | DC      | CWT                                    | EMA   | Rib      | P8   | RBY  | IMF   | PRO  |  |
| EBV  | +10.3                   | +7.7      | -7.2      | -0.4       | +52     | +88            | +107            | +64           | +20       | +3.1      | -5.0    | +57                                    | +10.0 | -2.0     | -3.6 | +1.2 | +2.6  | Ф100 |  |
| Acc  | Acc 63% 52% 83% 82% 82% |           |           |            |         |                | 80% 80% 77% 73% |               |           |           |         | 69% 68% 67% 68%                        |       |          | 59%  | 73%  | \$188 |      |  |
| Perc   | 1                       | 8         | 13        | 1          | 45      | 45 62 76 94 24 |                 |               |           |           | 41      | 79                                     | 15    | 88       | 93   | 13   | 39    | 16   |  |
| Purchase   | er:                     |           |           |            |         |                |                 |               |           |           |         | \$:                                    |       |          |      |      |       |      |  |



### TOTARANUI U295PV

Date of Birth 4/9/2023

Animal Ident INZ23U295

Register HD50K



Comments: Out of a low birthweight dam, by a favourite, R003 by Ashland. This bull has top 10% calving ease with growth and  $\,$ carcass. Calving Ease daughters also very good meaning there's the potential to keep replacements from this heifer bull.

GARASHLAND<sup>PV</sup> Sire: TOTARANUI R003sv TOTARANUI 15292E

WAITANGI N221sv Dam: TOTARANUI S629PV TOTARANUI Q413<sup>SV</sup>

|   | 2024 Tra                | nsTasmaı | n Angus ( | Cattle Eva | luation |                | Gene   | etic Conditio | ons: AMFU | ,CAFU,DD | FU,NHFU | Traits Observed: BWT,200WT,Genomics |      |      |      |      |      |       |  |
|---|-------------------------|----------|-----------|------------|---------|----------------|--------|---------------|-----------|----------|---------|-------------------------------------|------|------|------|------|------|-------|--|
| TACE  |                         | Calvin   | Ease      |            |         |                | Growth |               |           | Fer      | tility  | Carcase                             |      |      |      |      |      |       |  |
| TACE  [1-d] [1-d]  Tonsfasman Argus Cottle Evaluation | CEDir                   | CEDtrs   | GL        | BWT        | 200     | 400            | 600    | MCW           | Milk      | SS       | DC      | CWT                                 | EMA  | Rib  | P8   | RBY  | IMF  | PRO   |  |
| EBV   | +9.2                    | +8.5     | -5.7      | +0.2       | +55     | +97            | +132   | +104          | +19       | +1.1     | -3.6    | +71                                 | +8.3 | -0.2 | -1.7 | +0.2 | +3.1 | \$176 |  |
| Acc   | Acc 64% 53% 81% 81% 82% |          |           |            |         |                | 80%    | 77%           | 73%       | 77%      | 39%     | 68%                                 | 67%  | 67%  | 68%  | 58%  | 72%  | φί/Ο  |  |
| Perc  | 3                       | 5        | 30        | 3          | 32      | 32 34 23 46 33 |        |               |           |          | 74      | 74 40 28 53                         |      |      | 73   | 65   | 25   |       |  |
| D   | Diwahaaay               |          |           |            |         |                |        |               |           |          |         | Φ.                                  |      |      |      |      |      |       |  |

| Breed | eed Average EBVs - August 2024 TransTasman Angus Cattle Evaluation |        |      |     |     |     |      |      |      |     |                  |     |     |     |     | Top 10 | % To | op 50% |     |       |          |      |      |
|-------|--|--------|------|-----|-----|-----|------|------|------|-----|------------------|-----|-----|-----|-----|--------|------|--------|-----|-------|----------|------|------|
| TACE  | Calving Ease Growth  |        |      |     |     |     |      |      |      |     | ertility Carcase |     |     |     |     |        |      |        |     |       | \$ Index |      |      |
|       |  | CEDtrs | GL   | BWT | 200 | 400 | 600  | MCW  | Milk | SS  | DC               | CWT | EMA | Rib | P8  | RBY    | IMF  | NFI-F  | Doc | Claw  | Angle    | Leg  | PRO  |
| FBV   | +18  | +27    | -4.4 | -40 | +51 | +92 | +119 | +102 | +17  | +22 | -46              | +67 | +64 | +00 | -03 | +05    | +23  | +0.22  | +21 | +0.84 | +0.97    | +102 | +149 |



Date of Birth Animal Ident Register 7/8/2023 INZ23U014 HBR





Comments: Out of a very productive low birth weight cow, 9 progeny, Quiet and well structured. Producing a safe heifer bull with top 10% ebvs for Birth Weight, Calving Ease Direct and Gestation. Very good IMF.

LAWSONS MOMENTOUS M518<sup>PV</sup>

Sire: MURDEDUKE QUARTERBACK Q011<sup>PV</sup>

MURDEDUKE BARUNAH N026<sup>PV</sup>

TOTARANUI 243\*

Dam: TOTARANUI 13214\*

TOTARANUI 056\*

|          | 2024 Tra | nsTasmar | n Angus ( | Cattle Eva | luation |     | Gene   | etic Conditio | ons: AMFU | ,CAFU,DDF | FU,NHFU |     |      | Traits | Observed | GL,BWT, | 200WT,G | Genomics |
|----------|----------|----------|-----------|------------|---------|-----|--------|---------------|-----------|-----------|---------|-----|------|--------|----------|---------|---------|----------|
| TACE     |          | Calving  | g Ease    |            |         |     | Growth |               |           | Fer       | tility  |     |      | Card   | ase      |         |         | \$ Index |
| TACE     | CEDir    | CEDtrs   | GL        | BWT        | 200     | 400 | 600    | MCW           | Milk      | SS        | DC      | CWT | EMA  | Rib    | P8       | RBY     | IMF     | PRO      |
| EBV      | +7.7     | +2.0     | -8.2      | +1.8       | +36     | +66 | +92    | +57           | +23       | +3.0      | -3.1    | +41 | +3.2 | +2.6   | +4.0     | -0.6    | +4.2    | \$122    |
| Acc      | 68%      | 57%      | 83%       | 82%        | 83%     | 81% | 81%    | 79%           | 75%       | 79%       | 43%     | 71% | 70%  | 70%    | 71%      | 62%     | 74%     | \$122    |
| Perc     | 8        | 62       | 7         | 11         | 96      | 98  | 94     | 96            | 13        | 21        | 83      | 98  | 84   | 8      | 4        | 94      | 11      | 77       |
| Purchase | er:      |          |           |            |         |     |        |               |           |           |         | \$: |      |        |          |         |         |          |

#### 62 TOTARANUI U068PV

Date of Birth 16/9/2023 Animal Ident Register INZ23U068 HBR

HD50K



Comments: Cow bull. Later born calf. A nice productive cow, low birth weight dataset. Q239 has thrown the other way here, producing a cow bull based on the resulting calving ease profile. He has good growth outlook, with acceptable Carcass Weight, excellent EMA and pretty good fats.

CLUNES CROSSING DUSTY M13PV Sire: TOTARANUI Q239SV TOTARANUI 15225# WR JOURNEY-1X74FV

Dam: TOTARANUI M285#

TOTARANUI 12049\*

| August  | 2024 Tra | nsTasmar | n Angus ( | Cattle Eva | luation |     | Gene   | etic Conditio | ons: AMFU | J,CAFU,DD | FU,NHFU |     |       | Tra  | aits Obser | ved: BWT, | 200WT,G | ienomics |
|---------|----------|----------|-----------|------------|---------|-----|--------|---------------|-----------|-----------|---------|-----|-------|------|------------|-----------|---------|----------|
| TACE    |          | Calving  | g Ease    |            |         |     | Growth |               |           | Fer       | tility  |     |       | Card | case       |           |         | \$ Index |
| TACE    | CEDir    | CEDtrs   | GL        | BWT        | 200     | 400 | 600    | MCW           | Milk      | SS        | DC      | CWT | EMA   | Rib  | P8         | RBY       | IMF     | PRO      |
| EBV     | -2.7     | +1.9     | -7.5      | +6.1       | +52     | +92 | +118   | +103          | +14       | +1.7      | -2.7    | +63 | +11.4 | +0.0 | -1.5       | +1.1      | +1.5    | \$121    |
| Acc     | 65%      | 55%      | 82%       | 82%        | 83%     | 81% | 81%    | 78%           | 74%       | 78%       | 41%     | 70% | 69%   | 69%  | 70%        | 60%       | 74%     | Φ1∠1     |
| Perc    | 85       | 63       | 11        | 89         | 43      | 50  | 51     | 48            | 70        | 65        | 88      | 63  | 8     | 49   | 70         | 16        | 69      | 78       |
| Purchas | er:      |          |           |            |         |     |        |               |           |           |         | \$: |       |      |            |           |         |          |

#### 63 TOTARANUI U345<sup>PV</sup>

Date of Birth 30/9/2023

Animal Ident INZ23U345

HD50K



Comments: Cow bull, late born calf. Out of an A cow - nice type, temperament and good on the ground. She is by Stokman L194, a bull that has laid down many solid females from which we have bred on from - his dam was a milestone dam in the Stokman herd. Mated with a favourite of ours, Totaranui R205, this bull will breed good females for any herd, as well as profitable fast growing steers.

DEER VALLEY WALL STREET#
Sire: TOTARANUI R205sv

TOTARANUI 15233#

STOKMAN ALL IN L194<sup>SV</sup>

Dam: TOTARANUI R751<sup>PV</sup>

TOTARANUI N434<sup>PV</sup>

|          | 2024 Tra | nsTasmar | n Angus C | Cattle Eva | luation |     | Gene   | etic Conditio | ons: AMFU | ,CAFU,DDI | FU,NHFU |     |      | Traits | Observed | :CE,BWT, | 200WT,G | enomics  |
|----------|----------|----------|-----------|------------|---------|-----|--------|---------------|-----------|-----------|---------|-----|------|--------|----------|----------|---------|----------|
| TACE     |          | Calving  | Ease      |            |         |     | Growth |               |           | Fer       | tility  |     |      | Card   | case     |          |         | \$ Index |
| TACE     | CEDir    | CEDtrs   | GL        | BWT        | 200     | 400 | 600    | MCW           | Milk      | SS        | DC      | CWT | EMA  | Rib    | P8       | RBY      | IMF     | PRO      |
| EBV      | -4.6     | +3.1     | -6.2      | +4.8       | +54     | +97 | +126   | +100          | +18       | +1.2      | -5.5    | +87 | +8.9 | +0.8   | -1.2     | +1.1     | +0.4    | ¢140     |
| Acc      | 64%      | 53%      | 81%       | 81%        | 82%     | 80% | 80%    | 77%           | 73%       | 77%       | 38%     | 68% | 67%  | 67%    | 68%      | 58%      | 72%     | \$142    |
| Perc     | 91       | 50       | 23        | 68         | 34      | 34  | 35     | 53            | 39        | 81        | 29      | 8   | 23   | 31     | 65       | 16       | 91      | 59       |
| Purchase | er:      |          |           |            |         |     |        |               |           |           |         | \$: |      |        |          |          |         |          |

#### LОТ 64

Purchaser:

#### **TOTARANUI U291**PV

Date of Birth 2/9/2023

Animal Ident INZ23U291 Register HBR

Register

**HBR** 





Comments: Dam a young low birth weight cow, her pedigree has a collection of low birth weight sires that have bred well for us. Mate heifers with confidence with this bull, Birth Weight and Calving Ease Direct both in top 10%, Gestation better than breed average.

G A R ASHLAND<sup>PV</sup>
Sire: TOTARANUI R003<sup>SV</sup>
TOTARANUI 15292<sup>E</sup>

TOTARANUI P134<sup>sv</sup>

Dam: TOTARANUI S659<sup>pv</sup>

TOTARANUI Q408<sup>sv</sup>

| August                                  | 2024 Tra | nsTasmar | Angus C | Cattle Eva | luation |     | Gene   | tic Conditio | ons: AMFU, | CAFU,DDF | -U,NHFU |     |      | Tra  | aits Obser | ved: BWT, | 200WT,G | enomics  |
|---|----------|----------|---------|------------|---------|-----|--------|--------------|------------|----------|---------|-----|------|------|------------|-----------|---------|----------|
| TACE                                    |          | Calving  | Ease    |            |         |     | Growth |              |            | Fert     | ility   |     |      | Card | case       |           |         | \$ Index |
| Tell Tell Tell Tell Tell Tell Tell Tell | CEDir    | CEDtrs   | GL      | BWT        | 200     | 400 | 600    | MCW          | Milk       | SS       | DC      | CWT | EMA  | Rib  | P8         | RBY       | IMF     | PRO      |
| EBV                                     | +7.9     | +9.6     | -4.6    | +0.6       | +39     | +63 | +93    | +76          | +17        | +1.0     | -3.5    | +43 | +8.9 | +0.9 | -2.2       | +0.0      | +5.4    | \$137    |
| Acc                                     | 64%      | 53%      | 81%     | 81%        | 82%     | 80% | 80%    | 77%          | 73%        | 78%      | 38%     | 68% | 67%  | 67%  | 68%        | 58%       | 72%     | φιστ     |
| Perc                                    | 7        | 2        | 46      | 4          | 93      | 99  | 92     | 86           | 49         | 86       | 76      | 97  | 23   | 29   | 80         | 76        | 3       | 65       |

| Breed                                  | l Avera | ge EBVs | - Augu | st 2024 | 4 Trans | Tasmar | Angus  | Cattle E | valuat | ion  |        |     |      |      |      |      |         |       |     |       | Top 10 | % To  | op 50%   |
|--|---------|---------|--------|---------|---------|--------|--------|----------|--------|------|--------|-----|------|------|------|------|---------|-------|-----|-------|--------|-------|----------|
| TACE                                   |         | Calving | Ease   |         |         |        | Growth |          |        | Fert | tility |     |      |      |      |      | Carcase | •     |     |       |        |       | \$ Index |
| Translasman Angus<br>Cartle Evaluation | CEDir   | CEDtrs  | GL     | BWT     | 200     | 400    | 600    | MCW      | Milk   | SS   | DC     | CWT | EMA  | Rib  | P8   | RBY  | IMF     | NFI-F | Doc | Claw  | Angle  | Leg   | PRO      |
| EBV                                    | +1.8    | +2.7    | -4.4   | -4.0    | +51     | +92    | +119   | +102     | +17    | +2.2 | -4.6   | +67 | +6.4 | +0.0 | -0.3 | +0.5 | +2.3    | +0.22 | +21 | +0.84 | +0.97  | +1.02 | +149     |



Date of Birth Animal Ident Register 9/8/2023 INZ23U016 HBR





Comments: Out of a good, well mannered cow. Her dataset all about calving ease, with strong IMF and fats. Crossed with a Zephyr son, she has produced a heifer bull in the top 10% across all four EBVs for calving ease. This bull also has good data for scrotal, fats and IMF.

H P C A ZEPHYR<sup>SV</sup>
Sire: TOTARANUI S206<sup>PV</sup>
TOTARANUI P304<sup>SV</sup>

RENNYLEA L508<sup>PV</sup>
Dam: TOTARANUI S646<sup>PV</sup>
TOTARANUI N304<sup>#</sup>

|  | 2024 Tra | nsTasmar | n Angus ( | Cattle Eva | luation |     | Gene   | etic Conditio | ons: AMFU | ,CAFU,DDF | FU,NHFU |     |      | Tra  | aits Obser | ved: BWT, | 200WT,G | Genomics |
|--|----------|----------|-----------|------------|---------|-----|--------|---------------|-----------|-----------|---------|-----|------|------|------------|-----------|---------|----------|
| TACE   |          | Calving  | g Ease    |            |         |     | Growth |               |           | Fert      | ility   |     |      | Card | case       |           |         | \$ Index |
| TACE []Total[]]Total[ Torolloren Analo Cottle Evaluation | CEDir    | CEDtrs   | GL        | BWT        | 200     | 400 | 600    | MCW           | Milk      | SS        | DC      | CWT | EMA  | Rib  | P8         | RBY       | IMF     | PRO      |
| EBV  | +8.5     | +7.9     | -9.3      | -0.6       | +42     | +79 | +94    | +46           | +20       | +3.5      | -9.4    | +51 | +6.1 | +4.1 | +6.1       | -0.4      | +2.7    | \$238    |
| Acc  | 64%      | 55%      | 82%       | 81%        | 83%     | 80% | 81%    | 78%           | 74%       | 78%       | 42%     | 70% | 69%  | 69%  | 70%        | 59%       | 74%     | \$238    |
| Perc   | 5        | 7        | 3         | 1          | 85      | 84  | 92     | 99            | 30        | 12        | 1       | 90  | 53   | 2    | 1          | 89        | 37      | 1        |
| Purchase   | er:      |          |           |            |         |     |        |               |           |           |         | \$: |      |      |            |           |         |          |

#### LOT TOTARANUI U015PV

Date of Birth Animal Ident Register 9/8/2023 INZ23U015 HBR

HD50K



Comments: Out of a L508 dam, she is low birth weight, has a balanced pedigree with some proven low birth weight bulls on her dam side. This bull by S007 that combines calving ease and growth, resulting in a good heifer bull with balance. Notably Gestation and Calving Ease Direct in top 10%. Excellent IMF.

HPCAZEPHYR<sup>SV</sup>
Sire: TOTARANUI S007<sup>SV</sup>
TOTARANUI 14253<sup>SV</sup>

RENNYLEA L508<sup>PV</sup>
Dam: TOTARANUI S421<sup>PV</sup>
TOTARANUI 12092\*

|  | 2024 Tra | nsTasmar | n Angus ( | Cattle Eva | luation |     | Gene   | etic Conditio | ons: AMFU | ,CAFU,DDI | FU,NHFU |     |      | Tra  | aits Obser | ved: BWT, | 200WT,G | Genomics |
|--|----------|----------|-----------|------------|---------|-----|--------|---------------|-----------|-----------|---------|-----|------|------|------------|-----------|---------|----------|
| TACE   |          | Calving  | Ease      |            |         |     | Growth |               |           | Fer       | tility  |     |      | Card | case       |           |         | \$ Index |
| TACE [] To \$ [] [] to \$1 [] Tors Starton Angus Gattle Evaluation | CEDir    | CEDtrs   | GL        | BWT        | 200     | 400 | 600    | MCW           | Milk      | SS        | DC      | CWT | EMA  | Rib  | P8         | RBY       | IMF     | PRO      |
| EBV  | +5.2     | +4.2     | -5.8      | +3.4       | +42     | +74 | +97    | +67           | +23       | +3.7      | -4.1    | +45 | +5.4 | -1.5 | -2.0       | +0.6      | +3.9    | \$132    |
| Acc  | 63%      | 53%      | 81%       | 81%        | 82%     | 80% | 80%    | 77%           | 73%       | 78%       | 41%     | 69% | 68%  | 68%  | 69%        | 59%       | 73%     | \$132    |
| Perc   | 24       | 38       | 28        | 36         | 86      | 92  | 89     | 92            | 11        | 9         | 63      | 95  | 61   | 81   | 77         | 41        | 15      | 69       |
| Purchase   | ar.      |          |           |            |         |     |        |               |           |           |         | \$. |      |      |            |           |         |          |

#### LOT TOTARANUI U055<sup>PV</sup>

Date of Birth Animal Ident Register 4/9/2023 INZ23U055 HBR





Comments: Out of a low birth weight, good tempered cow. This bull, a second cycle calf, has a sound ease of calving dataset with adequate growth. Zephyr has injected the balance and also his structure.

HPCAZEPHYR<sup>SV</sup>
Sire: TOTARANUI S012<sup>SV</sup>
TOTARANUI 14239<sup>SV</sup>

TE MANIA 17380#

Dam: TOTARANUI S654PV

TOTARANUI P421SV

| August                                  | 2024 Tra | nsTasmar | n Angus ( | Cattle Eva | luation |     | Gene   | etic Conditi | ons: AMFU | ,CAFU,DDI | FU,NHFU |     |      | Tra  | aits Obser | ved: BWT, | 200WT,G | Genomics    |
|---|----------|----------|-----------|------------|---------|-----|--------|--------------|-----------|-----------|---------|-----|------|------|------------|-----------|---------|-------------|
| TACE                                    |          | Calving  | Ease      |            |         |     | Growth |              |           | Fer       | ility   |     |      | Card | ase        |           |         | \$ Index    |
| Transflasman Angus<br>Cattle Evaluation | CEDir    | CEDtrs   | GL        | BWT        | 200     | 400 | 600    | MCW          | Milk      | SS        | DC      | CWT | EMA  | Rib  | P8         | RBY       | IMF     | PRO         |
| EBV                                     | +6.2     | +6.0     | -5.0      | +3.1       | +47     | +76 | +108   | +75          | +26       | +0.9      | -5.1    | +54 | +6.4 | -1.5 | -1.9       | +0.5      | +1.5    | <b>#100</b> |
| Acc                                     | 61%      | 51%      | 81%       | 80%        | 81%     | 79% | 80%    | 76%          | 72%       | 77%       | 37%     | 67% | 66%  | 66%  | 67%        | 57%       | 72%     | \$128       |
| Perc                                    | 17       | 20       | 40        | 30         | 70      | 89  | 74     | 87           | 5         | 88        | 38      | 85  | 49   | 81   | 76         | 47        | 69      | 73          |
| Purchase                                | er:      |          |           |            |         |     |        |              |           |           |         | \$: |      |      |            |           |         |             |

#### 68 TOTARANUI U350PV

Date of Birth Animal Ident Register 5/10/2023 INZ23U350 HBR





Comments: Late born calf, this bull has a nice pedigree with phenotype and performance throughout. He has positive calving ease balanced with growth, fertility, IMF, and structure ebvs indicating good structure.

DEER VALLEY WALL STREET\*
Sire: TOTARANUI R205<sup>SV</sup>
TOTARANUI 15233\*

CONNEALY LEGENDARY 644L\*

Dam: TOTARANUI Q425<sup>SV</sup>

TOTARANUI 12118\*

| August   | 2024 Tra | nsTasmar | Angus ( | Cattle Eva | luation |      | Gene   | etic Conditio | ons: AMFU | ,CAFU,DDI | FU,NHFU |     |      | Traits | Observed | :CE,BWT, | 200WT,G | enomics  |
|----------|----------|----------|---------|------------|---------|------|--------|---------------|-----------|-----------|---------|-----|------|--------|----------|----------|---------|----------|
| TACE     |          | Calving  | Ease    |            |         |      | Growth |               |           | Fer       | tility  |     |      | Card   | case     |          |         | \$ Index |
| TACE     | CEDir    | CEDtrs   | GL      | BWT        | 200     | 400  | 600    | MCW           | Milk      | SS        | DC      | CWT | EMA  | Rib    | P8       | RBY      | IMF     | PRO      |
| EBV      | +1.8     | +1.6     | -5.5    | +3.5       | +55     | +104 | +136   | +119          | +14       | +2.7      | -5.1    | +65 | +4.2 | +0.2   | -2.6     | -0.1     | +4.9    | \$178    |
| Acc      | 63%      | 51%      | 81%     | 81%        | 82%     | 80%  | 80%    | 76%           | 72%       | 77%       | 37%     | 67% | 67%  | 67%    | 68%      | 58%      | 72%     | \$178    |
| Perc     | 56       | 66       | 32      | 38         | 31      | 19   | 17     | 24            | 74        | 29        | 38      | 57  | 75   | 44     | 85       | 80       | 5       | 23       |
| Purchase | er:      |          |         |            |         |      |        |               |           |           |         | \$: |      |        |          |          |         |          |

| Breed | l Avera | ge EBVs | - Augu | st 2024 | 4 Trans | Tasmar | n Angus | Cattle E | Evaluat | ion  |        |     |      |      |      |      |         |       |     |       | Top 10 | % To  | op 50%   |
|-------|---------|---------|--------|---------|---------|--------|---------|----------|---------|------|--------|-----|------|------|------|------|---------|-------|-----|-------|--------|-------|----------|
| TACE  |         | Calving | g Ease |         |         |        | Growth  |          |         | Fert | tility |     |      |      |      |      | Carcase | е     |     |       |        |       | \$ Index |
|       |         | CEDtrs  | GL     | BWT     | 200     | 400    | 600     | MCW      | Milk    | SS   | DC     | CWT | EMA  | Rib  | P8   | RBY  | IMF     | NFI-F | Doc | Claw  | Angle  | Leg   | PRO      |
| EBV   | +1.8    | +2.7    | -4.4   | -4.0    | +51     | +92    | +119    | +102     | +17     | +2.2 | -4.6   | +67 | +6.4 | +0.0 | -0.3 | +0.5 | +2.3    | +0.22 | +21 | +0.84 | +0.97  | +1.02 | +149     |



Date of Birth Animal Ident Register 19/9/2023 INZ23U071 **HBR** 

Animal Ident

INZ23U044





Comments: Out of a medium cow with a good dataset for ease of calving. Storth Oaks P9 has been a good mating, producing a very balanced dataset across calving ease, growth, carcass and structure. Notably, Calving Ease Direct in top 12%.

ESSLEMONT LOTTO L3PV Sire: STORTH OAKS P9PV STORTH OAKS M211#

WR.IOURNEY-1X74PV Dam: TOTARANUI M287PV TOTARANUI 12035#

|   | 2024 Tra | nsTasmar | n Angus ( | Cattle Eva | luation |     | Gene   | etic Conditio | ons: AMFU | ,CAFU,DD | FU,NHFU |     |       | Tra  | aits Obser | ved: BWT, | 200WT,G | enomics  |
|---|----------|----------|-----------|------------|---------|-----|--------|---------------|-----------|----------|---------|-----|-------|------|------------|-----------|---------|----------|
| TACE  |          | Calving  | g Ease    |            |         |     | Growth |               |           | Fer      | tility  |     |       | Car  | case       |           |         | \$ Index |
| TACE [[9-8][[]-6-1] Tondlamen Angus Cattle Evaluation | CEDir    | CEDtrs   | GL        | BWT        | 200     | 400 | 600    | MCW           | Milk      | SS       | DC      | CWT | EMA   | Rib  | P8         | RBY       | IMF     | PRO      |
| EBV   | +7.0     | +5.5     | -6.6      | +3.8       | +55     | +94 | +138   | +123          | +18       | +2.8     | -4.8    | +85 | +13.4 | -1.3 | -0.9       | +1.3      | +3.0    | \$202    |
| Acc   | 65%      | 56%      | 81%       | 81%        | 82%     | 81% | 81%    | 78%           | 74%       | 78%      | 42%     | 70% | 70%   | 69%  | 70%        | 61%       | 74%     | \$202    |
| Perc  | 12       | 24       | 19        | 45         | 31      | 45  | 15     | 20            | 42        | 27       | 45      | 10  | 3     | 77   | 60         | 10        | 30      | 8        |
| Purchase  | er:      |          |           |            |         |     |        |               |           |          |         | \$: |       |      |            |           |         |          |

#### 70

#### TOTARANUI U044PV

HPCAZEPHYR<sup>sv</sup>

Register **HBR** 





Comments: Dam's dataset shows growth with calving ease. This bull's dataset has consolidated the calving ease, it doesn't get much better or predictable. Still above average growth, so nothing given away there. He could bend the curve and lay down IMF while doing it.

Sire: TOTARANUI S012SV TOTARANUI 14239sv

Date of Birth

26/8/2023

BALDRIDGE ALTERNATIVE E125F Dam: TOTARANUI S407PV TOTARANUI 14214sv

|  | 2024 Tra | nsTasmar | n Angus ( | Cattle Eva | luation |     | Gene   | etic Conditio | ons: AMFU | ,CAFU,DD | FU,NHFU |     |      | Tra  | aits Obser | ved:BWT, | 200WT,G | enomics  |
|--|----------|----------|-----------|------------|---------|-----|--------|---------------|-----------|----------|---------|-----|------|------|------------|----------|---------|----------|
| TACE   |          | Calving  | Ease      |            |         |     | Growth |               |           | Fer      | tility  |     |      | Care | case       |          |         | \$ Index |
| TACE [[Tell[[m,j]]] Tonsfarmon Angus Cattle Evaluation | CEDir    | CEDtrs   | GL        | BWT        | 200     | 400 | 600    | MCW           | Milk      | SS       | DC      | CWT | EMA  | Rib  | P8         | RBY      | IMF     | PRO      |
| EBV  | +6.4     | +8.9     | -11.5     | +1.2       | +54     | +96 | +121   | +98           | +19       | +0.4     | -4.9    | +56 | +6.5 | -1.1 | -2.3       | +0.4     | +2.7    | \$173    |
| Acc  | 62%      | 52%      | 81%       | 81%        | 82%     | 79% | 80%    | 76%           | 72%       | 77%      | 37%     | 67% | 67%  | 66%  | 68%        | 58%      | 72%     | \$173    |
| Perc   | 15       | 3        | 1         | 6          | 34      | 37  | 44     | 55            | 36        | 95       | 43      | 81  | 48   | 73   | 81         | 53       | 37      | 28       |
| Purchase   | er:      |          |           |            |         |     |        |               |           |          |         | \$: |      |      |            |          |         |          |

#### TOTARANUI U045<sup>PV</sup>

Comments: Young cow, quiet and square. Low birth weight dataset. Calving Ease dataset of this bull has been improved on that of his dam's, with the influence of S206, a son of Zephyr who has calving ease and strong growth. Birth Weight and Calving Ease Direct in top 5%. Some good carcass merit here too.

Date of Birth 27/8/2023

Animal Ident INZ23U045

Register **HBR** 

Register

**HBR** 





HPCAZEPHYR<sup>sv</sup> Sire: TOTARANUI S206PV TOTARANUI P304sv

TOTARANUI Q242sv Dam: TOTARANUI S701PV TOTARANUI Q410<sup>SV</sup>

| August   | 2024 Tra | nsTasmar | n Angus ( | Cattle Eva | luation |     | Gene   | etic Conditio | ons: AMFU | ,CAFU,DD | FU,NHFU |     |      | Tra  | aits Obser | ved: BWT, | 200WT,G | enomics  |
|----------|----------|----------|-----------|------------|---------|-----|--------|---------------|-----------|----------|---------|-----|------|------|------------|-----------|---------|----------|
| TACE     |          | Calving  | g Ease    |            |         |     | Growth |               |           | Fer      | tility  |     |      | Card | case       |           |         | \$ Index |
| TACE     | CEDir    | CEDtrs   | GL        | BWT        | 200     | 400 | 600    | MCW           | Milk      | SS       | DC      | CWT | EMA  | Rib  | P8         | RBY       | IMF     | PRO      |
| EBV      | +9.5     | +2.4     | -7.9      | -0.5       | +32     | +63 | +76    | +34           | +27       | +3.5     | -6.5    | +37 | +5.9 | +4.8 | +5.2       | -0.9      | +2.8    | \$139    |
| Acc      | 61%      | 51%      | 80%       | 80%        | 81%     | 79% | 79%    | 76%           | 71%       | 76%      | 37%     | 67% | 66%  | 66%  | 67%        | 57%       | 71%     | \$139    |
| Perc     | 2        | 58       | 8         | 1          | 99      | 99  | 99     | 99            | 3         | 12       | 14      | 99  | 55   | 1    | 2          | 97        | 34      | 62       |
| Purchase | er:      |          |           |            |         |     |        |               |           |          |         | \$: |      |      |            |           |         |          |

#### TOTARANUI U290PV

Date of Birth 2/9/2023

Animal Ident INZ23U290





Comments: Cow bull. Dam has a balanced ebv set including growth and calving ease. This is a later born bull, by a Zephyr son. As a cow bull this bull has a balanced dataset, good growth, fertility and carcass, with structure indicators positive. Zephyr has bred well for us and has been predictable for good structure.

HPCAZEPHYR<sup>SV</sup> Sire: TOTARANUI S206PV TOTARANUI P304<sup>SV</sup>

DIABLO DELUXE 1104PV Dam: TOTARANUI S411PV TOTARANUI N388PV

| August   | 2024 Tra | nsTasmar | n Angus C | Cattle Eva | luation |     | Gene   | etic Conditio | ons: AMFL | J,CAFU,DD | FU,NHFU |     |       | Tra  | aits Obser | ved: BWT, | 200WT,G | enomics  |
|--|----------|----------|-----------|------------|---------|-----|--------|---------------|-----------|-----------|---------|-----|-------|------|------------|-----------|---------|----------|
| TACE   |          | Calving  | g Ease    |            |         |     | Growth |               |           | Fer       | tility  |     |       | Car  | case       |           |         | \$ Index |
| TACE [[3-6] [[3-6] [ Transfarman Angus Cattle Evaluation | CEDir    | CEDtrs   | GL        | BWT        | 200     | 400 | 600    | MCW           | Milk      | SS        | DC      | CWT | EMA   | Rib  | P8         | RBY       | IMF     | PRO      |
| EBV  | +1.9     | +3.3     | -8.1      | +5.2       | +56     | +98 | +118   | +86           | +16       | +3.7      | -4.8    | +70 | +12.5 | -0.3 | -1.6       | +0.7      | +2.1    | \$176    |
| Acc  | 64%      | 54%      | 82%       | 82%        | 83%     | 81% | 81%    | 78%           | 74%       | 78%       | 40%     | 70% | 69%   | 68%  | 70%        | 60%       | 74%     | Φ1/Ο     |
| Perc   | 55       | 48       | 7         | 76         | 25      | 32  | 51     | 74            | 58        | 9         | 45      | 43  | 5     | 56   | 71         | 35        | 52      | 24       |
| Purchase   | er:      |          |           |            |         |     |        |               |           |           |         | \$: |       |      |            |           |         |          |

| Breed                                  | Avera | ge EBVs | - Augu | st 2024 | 4 Trans | Tasmar | Angus  | Cattle E | valuat | ion  |        |     |      |      |      |      |         |       |     |       | Top 10 | % To  | op 50%   |
|--|-------|---------|--------|---------|---------|--------|--------|----------|--------|------|--------|-----|------|------|------|------|---------|-------|-----|-------|--------|-------|----------|
| TACE                                   |       | Calving | Ease   |         |         |        | Growth |          |        | Fert | tility |     |      |      |      |      | Carcase | •     |     |       |        |       | \$ Index |
| Translasman Angus<br>Cartie Evaluation | CEDir | CEDtrs  | GL     | BWT     | 200     | 400    | 600    | MCW      | Milk   | SS   | DC     | CWT | EMA  | Rib  | P8   | RBY  | IMF     | NFI-F | Doc | Claw  | Angle  | Leg   | PRO      |
| EBV                                    | +1.8  | +2.7    | -4.4   | -4.0    | +51     | +92    | +119   | +102     | +17    | +2.2 | -4.6   | +67 | +6.4 | +0.0 | -0.3 | +0.5 | +2.3    | +0.22 | +21 | +0.84 | +0.97  | +1.02 | +149     |



Date of Birth Animal Ident Register 31/8/2023 INZ23U049 HBR





Comments: Out of a cow of good temperament, with a very tidy dataset for calving ease and growth. This bull also has a good calving ease dataset with growth better than breed average in New Zealand. Excellent carcass trait data with IMF in top 5% for Australasia, top 1% for NZ.

HPCAZEPHYR<sup>SV</sup>
Sire: TOTARANUI S206<sup>PV</sup>
TOTARANUI P304<sup>SV</sup>

TOTARANUI Q239<sup>SV</sup>
Dam: TOTARANUI S402<sup>PV</sup>
TOTARANUI Q409<sup>SV</sup>

| August   | 2024 Tra | nsTasmar | n Angus ( | Cattle Eva | luation |     | Gene   | etic Conditio | ons: AMFU | ,CAFU,DD | FU,NHFU |     |      | Tra  | aits Obser | ved: BWT, | 200WT,G | Genomics |
|--|----------|----------|-----------|------------|---------|-----|--------|---------------|-----------|----------|---------|-----|------|------|------------|-----------|---------|----------|
| TACE   |          | Calving  | Ease      |            |         |     | Growth |               |           | Fer      | tility  |     |      | Card | case       |           |         | \$ Index |
| TACE [[Tot][[]]] TextStarman Angus Gattle Evaluation | CEDir    | CEDtrs   | GL        | BWT        | 200     | 400 | 600    | MCW           | Milk      | SS       | DC      | CWT | EMA  | Rib  | P8         | RBY       | IMF     | PRO      |
| EBV  | +6.2     | +4.3     | -7.7      | +1.8       | +43     | +86 | +107   | +86           | +25       | +2.4     | -6.4    | +55 | +7.5 | +1.0 | +0.5       | -0.4      | +4.6    | \$168    |
| Acc  | 64%      | 54%      | 82%       | 81%        | 83%     | 80% | 81%    | 78%           | 73%       | 78%      | 39%     | 69% | 68%  | 68%  | 69%        | 59%       | 74%     | \$100    |
| Perc   | 17       | 37       | 10        | 11         | 83      | 68  | 74     | 75            | 6         | 39       | 15      | 83  | 36   | 27   | 35         | 89        | 7       | 32       |
| Purchase   | er:      |          |           |            |         |     |        |               |           |          |         | \$: |      |      |            |           |         |          |



Date of Birth Animal Ident 27/9/2023 INZ23U337

HD50K



Comments: Out of one of our top cows, bigger framed, square and thick, good temperament and good on the ground. This bull has calving ease but not strongly so, better suited where mating heifers is the norm rather than new to it.

TOTARANUI Q242<sup>sv</sup> Sire: TOTARANUI S336<sup>pv</sup> TOTARANUI Q610<sup>sv</sup> HPCAINTENSITY\*

Dam: TOTARANUI 15237<sup>sv</sup>

TOTARANUI 54\*

Register

HBR

Register

**HBR** 

Register

**HBR** 

| August   | 2024 Tra | nsTasmar | n Angus ( | Cattle Eva | luation |     | Gene   | etic Conditio | ons: AMFU | J,CAFU,DD | FU,NHFU |     |      | Traits | Observed | :CE,BWT, | 200WT,G | Genomics |
|--|----------|----------|-----------|------------|---------|-----|--------|---------------|-----------|-----------|---------|-----|------|--------|----------|----------|---------|----------|
| TACE   |          | Calving  | Ease      |            |         |     | Growth |               |           | Fer       | tility  |     |      | Card   | case     |          |         | \$ Index |
| TACE [[Tot][[Yo][] Transfermen Angus Cattle Evaluation | CEDir    | CEDtrs   | GL        | BWT        | 200     | 400 | 600    | MCW           | Milk      | SS        | DC      | CWT | EMA  | Rib    | P8       | RBY      | IMF     | PRO      |
| EBV  | +3.2     | +2.3     | -5.7      | +3.6       | +38     | +72 | +106   | +76           | +17       | +0.1      | -3.7    | +54 | +7.5 | +3.0   | +3.5     | -0.2     | +2.1    | \$125    |
| Acc  | 65%      | 55%      | 82%       | 81%        | 82%     | 80% | 81%    | 78%           | 74%       | 78%       | 41%     | 69% | 68%  | 68%    | 69%      | 59%      | 73%     | \$125    |
| Perc   | 43       | 59       | 30        | 41         | 94      | 94  | 77     | 85            | 50        | 97        | 72      | 85  | 36   | 6      | 6        | 84       | 52      | 75       |
| Purchase   | or∙      |          |           |            |         |     |        |               |           |           |         | \$. |      |        |          |          |         |          |

#### 75 TOTARANUI U341PV

Date of Birth Animal Ident 29/9/2023 INZ23U341

HD50K

Comments: Out of a dam of great type, quiet and good structure. This bull by P103, a proven low birth weight sire, resulting in a good dataset for ease of calving with growth that is about breed average for New Zealand born cattle.

RENNYLEA L508<sup>PV</sup>
Sire: TOTARANUI P103<sup>SV</sup>
TOTARANUI 14214<sup>SV</sup>

MUSGRAVE BIG SKY<sup>PV</sup>
Dam: TOTARANUI N434<sup>PV</sup>
TOTARANUI 14277<sup>SV</sup>

|          | 2024 Tra | nsTasmar | n Angus ( | Cattle Eva | luation |     | Gene   | etic Conditio | ons: AMFL | ,CAFU,DDI | FU,NHFU |     |      | Traits | Observed | CE,BWT, | 200WT,G | enomics  |
|----------|----------|----------|-----------|------------|---------|-----|--------|---------------|-----------|-----------|---------|-----|------|--------|----------|---------|---------|----------|
| TACE     |          | Calving  | g Ease    |            |         |     | Growth |               |           | Fer       | tility  |     |      | Card   | ase      |         |         | \$ Index |
| TACE     | CEDir    | CEDtrs   | GL        | BWT        | 200     | 400 | 600    | MCW           | Milk      | SS        | DC      | CWT | EMA  | Rib    | P8       | RBY     | IMF     | PRO      |
| EBV      | +2.5     | +6.9     | -4.3      | +2.4       | +44     | +77 | +100   | +95           | +21       | -1.0      | -4.7    | +55 | +2.6 | +2.7   | +3.0     | -1.0    | +2.2    | \$106    |
| Acc      | 65%      | 56%      | 82%       | 82%        | 83%     | 81% | 81%    | 79%           | 75%       | 78%       | 44%     | 70% | 69%  | 69%    | 70%      | 61%     | 74%     | φιυσ     |
| Perc     | 49       | 13       | 51        | 18         | 78      | 87  | 86     | 61            | 22        | 99        | 48      | 83  | 88   | 7      | 8        | 98      | 49      | 87       |
| Purchase | er:      |          |           |            |         |     |        |               |           |           |         | \$: |      |        |          |         |         |          |

#### 76 TOTARANUI U011PV

Date of Birth Animal Ident 8/8/2023 INZ23U011 HD50K



Comments: Out of a quiet and reliable low birth weight dam by our proven P103. This bull gives away some growth for reliability, his dataset for calving ease is outstanding. He has excellent carcass quality to pass on too.

G A R INERTIA<sup>PV</sup>
Sire: WAIRERE REAL DEAL H829<sup>PV</sup>
WAIRERE E664<sup>SV</sup>

TOTARANUI P103<sup>SV</sup>

Dam: TOTARANUI R689<sup>PV</sup>

TOTARANUI P373<sup>SV</sup>

|  | 2024 Tra | nsTasmar | Angus ( | Cattle Eva | luation |     | Gene   | etic Conditio | ons: AMFU | I,CAFU,DDI | FU,NHFU |     |      | Traits | Observed | GL,BWT, | 200WT,G | enomics  |
|--|----------|----------|---------|------------|---------|-----|--------|---------------|-----------|------------|---------|-----|------|--------|----------|---------|---------|----------|
| TACE   |          | Calving  | Ease    |            |         |     | Growth |               |           | Fer        | tility  |     |      | Card   | case     |         |         | \$ Index |
| TACE [[Tot][[]]] Text States Angus Gattle Evaluation | CEDir    | CEDtrs   | GL      | BWT        | 200     | 400 | 600    | MCW           | Milk      | SS         | DC      | CWT | EMA  | Rib    | P8       | RBY     | IMF     | PRO      |
| EBV  | +7.5     | +8.6     | -6.7    | +0.0       | +36     | +71 | +94    | +54           | +23       | +2.7       | -5.5    | +38 | +8.8 | +2.3   | +1.8     | +0.1    | +4.8    | \$181    |
| Acc  | 64%      | 54%      | 83%     | 81%        | 82%     | 80% | 81%    | 77%           | 73%       | 78%        | 39%     | 69% | 68%  | 68%    | 69%      | 59%     | 73%     | ФЮІ      |
| Perc   | 9        | 4        | 18      | 2          | 96      | 95  | 92     | 97            | 10        | 29         | 29      | 99  | 23   | 10     | 17       | 71      | 6       | 21       |
| Purchase   | er:      |          |         |            |         |     |        |               |           |            |         | \$: |      |        |          |         |         |          |

| Breed                                  | Avera | ge EBVs | - Augu | ıst 2024 | 4 Trans | Tasmar | n Angus | Cattle I | Evaluat | ion  |        |     |     |     |      |     |         |       |     |       | Top 10 | % To | op 50%   |
|--|-------|---------|--------|----------|---------|--------|---------|----------|---------|------|--------|-----|-----|-----|------|-----|---------|-------|-----|-------|--------|------|----------|
| TACE                                   |       | Calving | g Ease |          |         |        | Growth  |          |         | Fert | tility |     |     |     |      |     | Carcase | 9     |     |       |        |      | \$ Index |
| Parsilisman Angus<br>Cartie Evoluation | CEDir | CEDtrs  | GL     | BWT      | 200     | 400    | 600     | MCW      | Milk    | SS   | DC     | CWT | EMA | Rib | P8   | RBY | IMF     | NFI-F | Doc | Claw  | Angle  | Leg  | PRO      |
| FBV                                    | +18   | +27     | -44    | -40      | +51     | +92    | +119    | +102     | +17     | +22  | -46    | +67 | +64 | +00 | -0.3 | +05 | +23     | +0.22 | +21 | +0.84 | +0.97  | +102 | +149     |



Date of Birth Animal Ident Register 29/9/2023 INZ23U344 HBR





Comments: Cow bull. Dam by Tot 13007, a bull that had a significant influence on the Totaranui herd with over 100 progeny produced. He was very predictable in terms of calving ease, growth and type. A later born calf, this bull has a good birth weight, growth, and IMF. Could be used over 2yo heifers but recommended for yearlings.

DIABLO DELUXE 1104<sup>PV</sup>
Sire: TOTARANUI S219<sup>PV</sup>
TOTARANUI P461<sup>SV</sup>

TOTARANUI 13007\*

Dam: TOTARANUI P489<sup>SV</sup>

TOTARANUI 14257\*

| August  | 2024 Tra | nsTasmar | n Angus ( | Cattle Eva | luation |      | Gene   | etic Conditio | ons: AMFU | ,CAFU,DDI | FU,NHFU |     |      | Traits | Observed | :CE,BWT, | 200WT,G | enomics  |
|---|----------|----------|-----------|------------|---------|------|--------|---------------|-----------|-----------|---------|-----|------|--------|----------|----------|---------|----------|
| TACE  |          | Calving  | g Ease    |            |         |      | Growth |               |           | Fer       | tility  |     |      | Car    | case     |          |         | \$ Index |
| TACE [[Polition   Politic   Politic | CEDir    | CEDtrs   | GL        | BWT        | 200     | 400  | 600    | MCW           | Milk      | SS        | DC      | CWT | EMA  | Rib    | P8       | RBY      | IMF     | PRO      |
| EBV   | -0.5     | +1.5     | -6.3      | +3.4       | +53     | +101 | +135   | +129          | +17       | +4.6      | -3.7    | +59 | +5.5 | -1.1   | -1.6     | +0.7     | +2.3    | \$136    |
| Acc   | 64%      | 54%      | 81%       | 81%        | 82%     | 80%  | 80%    | 77%           | 73%       | 78%       | 39%     | 69% | 68%  | 68%    | 69%      | 59%      | 73%     | \$130    |
| Perc  | 73       | 67       | 22        | 36         | 40      | 25   | 19     | 14            | 46        | 3         | 72      | 74  | 60   | 73     | 71       | 35       | 47      | 66       |
| Purchase  | er:      |          |           |            |         |      |        |               |           |           |         | \$: |      |        |          |          |         |          |



#### TOTARANUI U059PV

Date of Birth Animal Ident 7/9/2023 INZ23U059 Register HBR HD50K

Comments: A later born calf - second cycle. Cow bull with an excellent dataset for structure, Dam side pedigree also predictable for good structure. By an outcross bull, Limitless, selected for his type.

CONNEALY CONFIDENCE PLUS\*
Sire: BALDRIDGE LIMITLESSPV
BALDRIDGE ISABEL D753\*

WOODBANK 9071\*

Dam: TOTARANUI 13236\*

TOTARANUI 797\*

| August                                 | 2024 Tra | nsTasmaı | n Angus ( | Cattle Eva | luation |     | Gene   | etic Conditio | ons: AMFL | ,CAFU,DD | FU,NHFU |     |       | Traits | Observed | : GL,BWT, | 200WT,G | Genomics |
|--|----------|----------|-----------|------------|---------|-----|--------|---------------|-----------|----------|---------|-----|-------|--------|----------|-----------|---------|----------|
| TACE                                   |          | Calvin   | g Ease    |            |         |     | Growth |               |           | Fer      | tility  |     |       | Card   | case     |           |         | \$ Index |
| Transfermon Angus<br>Cattle Evaluation | CEDir    | CEDtrs   | GL        | BWT        | 200     | 400 | 600    | MCW           | Milk      | SS       | DC      | CWT | EMA   | Rib    | P8       | RBY       | IMF     | PRO      |
| EBV                                    | -2.8     | -0.8     | -1.6      | +4.8       | +47     | +82 | +94    | +72           | +16       | +0.5     | -3.7    | +47 | +10.2 | -1.6   | -2.3     | +1.2      | +1.1    | \$103    |
| Acc                                    | 63%      | 51%      | 83%       | 82%        | 82%     | 80% | 80%    | 77%           | 73%       | 78%      | 37%     | 69% | 68%   | 68%    | 68%      | 59%       | 73%     | φίθο     |
| Perc                                   | 85       | 83       | 87        | 68         | 67      | 77  | 92     | 89            | 60        | 94       | 72      | 94  | 13    | 82     | 81       | 13        | 79      | 88       |
| Purchas                                | er:      |          |           |            |         |     |        |               |           |          |         | \$: |       |        |          |           |         |          |

#### LОТ **79**

#### TOTARANUI U313PV

Date of Birth 10/9/2023 Animal Ident INZ23U313

HD50K



Comments: Out of a heifer, his birth weight 28.5kgs. She is a nice type, good feet and temperament. This bull has a good growth outlook, positive fats, and indicators are for good structure. Although his Birth Weight and Calving Ease Direct are middle of the road, going on his actual birth weight of under 30kgs, he could be used over heifers in herds with larger framed cows, that calve heifers as annual policy, with good management.

 $\label{eq:hammanul} \mbox{HPCAZEPHYR}^{\mbox{\tiny SV}}$  Sire: TOTARANUI S206  $\mbox{PV}$  TOTARANUI P304  $\mbox{SV}$ 

DIABLO DELUXE 1104<sup>PV</sup>
Dam: TOTARANUI S693<sup>PV</sup>
TOTARANUI M320<sup>#</sup>

| August  | 2024 Tra | nsTasmar | n Angus ( | Cattle Eva | luation |      | Ger    | netic Condi | tions: AMF | U,CAFU,DI | DFU,NHF |     |      | Tra  | aits Obser | ved: BWT, | 200WT,G | enomics  |
|---|----------|----------|-----------|------------|---------|------|--------|-------------|------------|-----------|---------|-----|------|------|------------|-----------|---------|----------|
| TACE  |          | Calving  | g Ease    |            |         |      | Growth |             |            | Fer       | tility  |     |      | Card | case       |           |         | \$ Index |
| TACE [[3-1][[]-1][ Tonsfarmen Anous Cottle Evaluation | CEDir    | CEDtrs   | GL        | BWT        | 200     | 400  | 600    | MCW         | Milk       | SS        | DC      | CWT | EMA  | Rib  | P8         | RBY       | IMF     | PRO      |
| EBV   | +1.8     | +6.4     | -4.7      | +4.4       | +57     | +101 | +131   | +116        | +18        | +2.9      | -6.7    | +66 | +8.3 | +0.6 | +0.1       | +0.1      | +1.4    | \$178    |
| Acc   | 63%      | 54%      | 81%       | 81%        | 82%     | 80%  | 80%    | 77%         | 73%        | 78%       | 39%     | 69% | 68%  | 68%  | 69%        | 59%       | 73%     | Φ1/Ο     |
| Perc  | 56       | 16       | 45        | 59         | 21      | 25   | 24     | 28          | 39         | 24        | 11      | 56  | 28   | 35   | 42         | 71        | 72      | 23       |
| Purchase  | er:      |          |           |            |         |      |        |             |            |           |         | \$: |      |      |            |           |         |          |



Purchaser:

#### TOTARANUI U057PV

Date of Birth 5/9/2023

Animal Ident INZ23U057 Register HBR

Register

**HBR** 





Comments: Out of a low birth weight dam with an excellent dataset for ease of calving, quiet and of good type. S12, through Zephyr's power, has improved on the dam's dataset with a bit more growth and better carcass data. The result is this bull's Ease of Calving Direct is in the top 10%, Gestation in top 4%. His growth ebvs are at the NZ breed average. This bull is set to have good heifer mating outcomes.

HPCAZEPHYR<sup>SV</sup> Sire: TOTARANUI S012<sup>SV</sup>

TOTARANUI 14239sv

TE MANIA 17380#

Dam: TOTARANUI S696PV

TOTARANUI P374SV

| August                                | 2024 Tra | nsTasmar | n Angus ( | Cattle Eva | luation |     | Gene   | etic Conditio | ons: AMFU | ,CAFU,DDF | FU,NHFU |     |      | Tra  | aits Obser | ved: BWT, | 200WT,G | enomics  |
|---------------------------------------|----------|----------|-----------|------------|---------|-----|--------|---------------|-----------|-----------|---------|-----|------|------|------------|-----------|---------|----------|
| TACE                                  |          | Calving  | Ease      |            |         |     | Growth |               |           | Fert      | tility  |     |      | Card | case       |           |         | \$ Index |
| Tonsfasman Argus<br>Cattle Evaluation | CEDir    | CEDtrs   | GL        | BWT        | 200     | 400 | 600    | MCW           | Milk      | SS        | DC      | CWT | EMA  | Rib  | P8         | RBY       | IMF     | PRO      |
| EBV                                   | +8.0     | +5.6     | -9.1      | +1.9       | +44     | +79 | +102   | +61           | +23       | +2.1      | -6.4    | +50 | +7.3 | +2.7 | +2.8       | -0.6      | +3.5    | \$180    |
| Acc                                   | 61%      | 51%      | 81%       | 80%        | 81%     | 79% | 79%    | 76%           | 71%       | 77%       | 36%     | 67% | 66%  | 66%  | 67%        | 57%       | 71%     | \$180    |
| Perc                                  | 7        | 23       | 4         | 12         | 80      | 85  | 83     | 95            | 10        | 50        | 15      | 91  | 38   | 7    | 9          | 94        | 21      | 21       |

| Breed                                  | Avera | ge EBVs | - Augu | st 2024 | 4 Trans | Tasmar | Angus  | Cattle E | valuat | ion  |        |     |      |      |      |      |         |       |     |       | Top 10 | % To  | op 50%   |
|--|-------|---------|--------|---------|---------|--------|--------|----------|--------|------|--------|-----|------|------|------|------|---------|-------|-----|-------|--------|-------|----------|
| TACE                                   |       | Calving | Ease   |         |         |        | Growth |          |        | Fert | tility |     |      |      |      |      | Carcase | •     |     |       |        |       | \$ Index |
| Translasman Angus<br>Cartie Evaluation | CEDir | CEDtrs  | GL     | BWT     | 200     | 400    | 600    | MCW      | Milk   | SS   | DC     | CWT | EMA  | Rib  | P8   | RBY  | IMF     | NFI-F | Doc | Claw  | Angle  | Leg   | PRO      |
| EBV                                    | +1.8  | +2.7    | -4.4   | -4.0    | +51     | +92    | +119   | +102     | +17    | +2.2 | -4.6   | +67 | +6.4 | +0.0 | -0.3 | +0.5 | +2.3    | +0.22 | +21 | +0.84 | +0.97  | +1.02 | +149     |



Date of Birth Animal Ident Register 9/10/2023 INZ23U351 HBR





Comments: Young cow that has carried her condition through well, good feet. She has a well balanced dataset with growth and calving ease. He has a sound pedigree for structure.

GARASHLAND<sup>PV</sup>
Sire: TOTARANUI R003<sup>SV</sup>
TOTARANUI 15292<sup>E</sup>

HPCAZEPHYR<sup>SV</sup>
Dam: TOTARANUI S413<sup>SV</sup>
TOTARANUI 15219#

| August  | 2024 Tra | nsTasmar | n Angus ( | Cattle Eva | luation |     | Gene   | etic Conditio | ons: AMFU | ,CAFU,DD | FU,NHFU |     |      | Tra  | aits Obser | ved: BWT, | 200WT,G | enomics  |
|---|----------|----------|-----------|------------|---------|-----|--------|---------------|-----------|----------|---------|-----|------|------|------------|-----------|---------|----------|
| TACE  |          | Calving  | g Ease    |            |         |     | Growth |               |           | Fer      | tility  |     |      | Car  | case       |           |         | \$ Index |
| TACE [[Polition   Politic   Politic | CEDir    | CEDtrs   | GL        | BWT        | 200     | 400 | 600    | MCW           | Milk      | SS       | DC      | CWT | EMA  | Rib  | P8         | RBY       | IMF     | PRO      |
| EBV   |          |          |           |            |         |     | +124   | +92           | +21       | -1.5     | -6.0    | +68 | +5.8 | -1.2 | -1.2       | +0.4      | +1.9    | \$174    |
| Acc   | 65%      | 55%      | 81%       | 81%        | 82%     | 80% | 80%    | 77%           | 73%       | 78%      | 40%     | 69% | 68%  | 68%  | 69%        | 59%       | 73%     | \$174    |
| Perc  | 42       | 38       | 19        | 36         | 24      | 42  | 39     | 65            | 22        | 99       | 20      | 47  | 57   | 75   | 65         | 53        | 58      | 27       |
| Purchase  | er:      |          |           |            |         |     |        |               |           |          |         | \$: |      |      |            |           |         |          |



#### TOTARANUI U074PV

weight being closer to breed average.

Comments: Out of a low birth weight dam, good natured, nice type. This bull has a very balanced dataset across growth, calving ease and carcass. Quite a late born bull so his current weight likely attributable to that than anything else. Calving Ease Direct is good, so can be used as a heifer bull, but with caution given his birth

Date of Birth Animal Ident Register 28/9/2023 INZ23U074 HBR

r HD50K



DIABLO DELUXE 1104<sup>PV</sup> Sire: TOTARANUI S005<sup>SV</sup> TOTARANUI 14284<sup>#</sup> DEER VALLEY WALL STREET\*

Dam: TOTARANUI R657°V

TOTARANUI N486\*

| August   | 2024 Tra | nsTasmar | n Angus ( | Cattle Eva | luation |     | Gene   | etic Conditio | ons: AMFU | ,CAFU,DD | FU,NHFU |     |      | Tra  | aits Obser | ved: BWT, | 200WT,G | enomics     |
|----------|----------|----------|-----------|------------|---------|-----|--------|---------------|-----------|----------|---------|-----|------|------|------------|-----------|---------|-------------|
| TACE     |          | Calving  | g Ease    |            |         |     | Growth |               |           | Fer      | tility  |     |      | Card | case       |           |         | \$ Index    |
| TACE     | CEDir    | CEDtrs   | GL        | BWT        | 200     | 400 | 600    | MCW           | Milk      | SS       | DC      | CWT | EMA  | Rib  | P8         | RBY       | IMF     | PRO         |
| EBV      | +5.1     | +7.2     | -6.7      | +4.3       | +52     | +94 | +113   | +103          | +18       | +1.9     | -6.8    | +59 | +8.3 | +0.7 | -0.8       | +0.9      | +2.9    | <b>0107</b> |
| Acc      | 62%      | 52%      | 81%       | 80%        | 82%     | 79% | 80%    | 77%           | 72%       | 77%      | 37%     | 67% | 67%  | 66%  | 67%        | 57%       | 72%     | \$197       |
| Perc     | 25       | 11       | 18        | 57         | 43      | 44  | 63     | 48            | 42        | 58       | 10      | 75  | 28   | 33   | 58         | 24        | 32      | 11          |
| Purchase | er:      |          |           |            |         |     |        |               |           |          |         | \$: |      |      |            |           |         |             |



#### **TOTARANUI U356**PV

Comments: Dam thick, quiet and square in shape. She is by the phenotype bull Jindra Acclaim who has growth complemented by calving ease in his dataset. Most of his progeny were only moderate sized cows despite his size. This bull very late born. Offers very good calving ease with growth.

Date of Birth Animal Ident Register 22/10/2023 INZ23U356 HBR





DIABLO DELUXE 1104<sup>PV</sup>
Sire: TOTARANUI S219<sup>PV</sup>
TOTARANUI P461<sup>SV</sup>

JINDRA ACCLAIM<sup>SV</sup>
Dam: TOTARANUI Q402<sup>SV</sup>
TOTARANUI 994#

| August                                | 2024 Tra | ınsTasmar | n Angus C | Cattle Eva | luation |     | Gene   | etic Conditio | ons: AMFU | ,CAFU,DD | FU,NHFU |     |      | Traits | Observed | CE,BWT, | 200WT,G | enomics  |
|---------------------------------------|----------|-----------|-----------|------------|---------|-----|--------|---------------|-----------|----------|---------|-----|------|--------|----------|---------|---------|----------|
| TACE                                  |          | Calving   | g Ease    |            |         |     | Growth |               |           | Fer      | tility  |     |      | Card   | ase      |         |         | \$ Index |
| Tonstasman Angus<br>Cottle Evaluation | CEDir    | CEDtrs    | GL        | BWT        | 200     | 400 | 600    | MCW           | Milk      | SS       | DC      | CWT | EMA  | Rib    | P8       | RBY     | IMF     | PRO      |
| EBV                                   | +7.7     | +6.5      | -9.5      | +1.9       | +45     | +94 | +128   | +95           | +26       | -0.9     | -4.4    | +71 | +6.2 | +1.1   | +3.0     | +0.1    | +0.7    | \$148    |
| Acc                                   | 63%      | 53%       | 82%       | 81%        | 82%     | 80% | 80%    | 77%           | 73%       | 78%      | 38%     | 68% | 68%  | 68%    | 69%      | 59%     | 73%     | Φ140     |
| Perc                                  | 8        | 16        | 3         | 12         | 76      | 44  | 31     | 60            | 5         | 99       | 55      | 39  | 52   | 25     | 8        | 71      | 87      | 53       |
| Purchase                              | er:      |           |           |            |         |     |        |               |           |          |         | \$: |      |        |          |         |         |          |



#### TOTARANUI U331PV

Date of Birth 22/9/2023 Animal Ident INZ23U331

Register HBR



Comments: Cow bull. Growth is his handle, with Carcass Weight and good indications for structure. His sire R205 is one of our favourite bulls, quiet and thick.

DEER VALLEY WALL STREET#
Sire: TOTARANUI R205sv

TOTARANUI 15233#

Dam: TOTARANUI Q475<sup>SV</sup>
TOTARANUI N452<sup>E</sup>

TOTARANUI N014PV

|                  | 2024 Tra | nsTasmar | n Angus ( | Cattle Eva | luation |      | Gene   | etic Conditio | ons: AMFU | ,CAFU,DD | FU,NHFU |     |      | Traits | Observed | CE,BWT, | 200WT,G | enomics  |
|------------------|----------|----------|-----------|------------|---------|------|--------|---------------|-----------|----------|---------|-----|------|--------|----------|---------|---------|----------|
| TACE             |          | Calving  | Ease      |            |         |      | Growth |               |           | Fer      | tility  |     |      | Card   | case     |         |         | \$ Index |
| TACE [[10.1][[]] | CEDir    | CEDtrs   | GL        | BWT        | 200     | 400  | 600    | MCW           | Milk      | SS       | DC      | CWT | EMA  | Rib    | P8       | RBY     | IMF     | PRO      |
| EBV              | -8.3     | +3.2     | -6.1      | +6.6       | +68     | +114 | +158   | +174          | +8        | +1.2     | -3.4    | +97 | +2.0 | -4.0   | -6.3     | +0.8    | +1.8    | \$106    |
| Acc              | 64%      | 53%      | 81%       | 81%        | 82%     | 80%  | 81%    | 77%           | 73%       | 78%      | 38%     | 69% | 68%  | 68%    | 69%      | 59%     | 73%     | φιυσ     |
| Perc             | 97       | 49       | 24        | 93         | 3       | 5    | 3      | 1             | 97        | 81       | 78      | 2   | 91   | 99     | 99       | 29      | 61      | 86       |
| Purchase         | er:      |          |           |            |         |      |        |               |           |          |         | \$: |      |        |          |         |         |          |

| Breed | l Avera | ge EBVs | - Augu | ıst 2024 | 4 Trans | Tasmar | n Angus | Cattle E | Evaluat | ion  |        |     |      |      |      |      |        |       |     |       | Top 10 | % To  | op 50%   |
|-------|---------|---------|--------|----------|---------|--------|---------|----------|---------|------|--------|-----|------|------|------|------|--------|-------|-----|-------|--------|-------|----------|
| TACE  |         | Calving | g Ease |          |         |        | Growth  |          |         | Fert | tility |     |      |      |      |      | Carcas | е     |     |       |        |       | \$ Index |
|       |         | CEDtrs  | GL     | BWT      | 200     | 400    | 600     | MCW      | Milk    | SS   | DC     | CWT | EMA  | Rib  | P8   | RBY  | IMF    | NFI-F | Doc | Claw  | Angle  | Leg   | PRO      |
| EBV   | +1.8    | +2.7    | -4.4   | -4.0     | +51     | +92    | +119    | +102     | +17     | +2.2 | -4.6   | +67 | +6.4 | +0.0 | -0.3 | +0.5 | +2.3   | +0.22 | +21 | +0.84 | +0.97  | +1.02 | +149     |



Date of Birth Animal Ident Register 8/9/2023 INZ23U306 HBR





Comments: A good type, square and productive cow. A calving ease dam. This bull by the proven low birth weight bull, Totaranui P103. This bull's dataset safe as a heifer bull, all four indicators strongly positive, Gestation in top 10%.

RENNYLEA L508<sup>PV</sup>
Sire: TOTARANUI P103<sup>SV</sup>
TOTARANUI 14214<sup>SV</sup>

WR JOURNEY-1X74<sup>PV</sup>
Dam: TOTARANUI M319<sup>#</sup>
TOTARANUI 813<sup>#</sup>

| August   | 2024 Tra | nsTasmar | n Angus ( | Cattle Eva | luation |     | Gene   | etic Conditio | ons: AMFL | J,CAFU,DD | FU,NHFU |     |      | Tra  | aits Obser | ved: BWT, | 200WT,G | Genomics |
|--|----------|----------|-----------|------------|---------|-----|--------|---------------|-----------|-----------|---------|-----|------|------|------------|-----------|---------|----------|
| TACE   |          | Calving  | g Ease    |            |         |     | Growth |               |           | Fer       | tility  |     |      | Card | ase        |           |         | \$ Index |
| TACE    Test   T | CEDir    | CEDtrs   | GL        | BWT        | 200     | 400 | 600    | MCW           | Milk      | SS        | DC      | CWT | EMA  | Rib  | P8         | RBY       | IMF     | PRO      |
| EBV  | +4.7     | +7.8     | -7.5      | +3.2       | +44     | +86 | +113   | +103          | +14       | +0.1      | -4.4    | +59 | +3.4 | +0.0 | -2.5       | +0.4      | +1.1    | \$117    |
| Acc  | 64%      | 54%      | 81%       | 81%        | 82%     | 80% | 80%    | 78%           | 74%       | 78%       | 42%     | 70% | 69%  | 69%  | 70%        | 60%       | 73%     | Φ117     |
| Perc   | 29       | 7        | 11        | 32         | 79      | 68  | 62     | 48            | 70        | 97        | 55      | 76  | 82   | 49   | 83         | 53        | 79      | 81       |
| Purchase   | er:      |          |           |            |         |     |        |               |           |           |         | \$: |      |      |            |           |         |          |

#### LOT 86 TOTARANUI U043<sup>PV</sup>

Date of Birth Animal Ident Register 30/8/2023 INZ23U043 HBR

HD50K



Comments: Out of a nice cow, good type and temperament, dataset good for calving ease. This bull is in top 5% for Birth Weight and Calving Ease Direct, and with a lower growth profile provides good predictability of positive heifer calving outcomes. The overall pedigree reinforces this predictability, on the dam side going back to Real Deal (sire of Q212), possibly the best calving ease bull with top 5% calving ease across all four categories, with very high accuracies.

 $\label{eq:GARASHLANDPV} \mbox{Sire: TOTARANUI R003$^{SV}}$   $\mbox{TOTARANUI } 15292^{E}$ 

TOTARANUI Q212 $^{\rm SV}$  Dam: TOTARANUI S687 $^{\rm PV}$  TOTARANUI N404 $^{\rm PV}$ 

| August   | 2024 Tra | nsTasmar | n Angus C | Cattle Eva | luation |     | Gene   | etic Conditio | ons: AMFU | ,CAFU,DD | FU,NHFU |     |      | Tra  | aits Obser | ved: BWT, | 200WT,G | Genomics |
|----------|----------|----------|-----------|------------|---------|-----|--------|---------------|-----------|----------|---------|-----|------|------|------------|-----------|---------|----------|
| TACE     |          | Calving  | Ease      |            |         |     | Growth |               |           | Fer      | tility  |     |      | Card | case       |           |         | \$ Index |
| TACE     | CEDir    | CEDtrs   | GL        | BWT        | 200     | 400 | 600    | MCW           | Milk      | SS       | DC      | CWT | EMA  | Rib  | P8         | RBY       | IMF     | PRO      |
| EBV      | +8.5     | +7.8     | -6.5      | +0.3       | +46     | +80 | +86    | +38           | +24       | -0.1     | -4.2    | +65 | +4.8 | +1.7 | +1.8       | +0.1      | +1.7    | \$150    |
| Acc      | 63%      | 53%      | 81%       | 81%        | 82%     | 80% | 80%    | 77%           | 73%       | 77%      | 38%     | 68% | 67%  | 67%  | 68%        | 58%       | 72%     | \$150    |
| Perc     | 5        | 7        | 20        | 3          | 72      | 82  | 96     | 99            | 9         | 98       | 60      | 57  | 69   | 16   | 17         | 71        | 63      | 51       |
| Purchase | or.      |          |           |            |         |     |        |               |           |          |         | \$. |      |      |            |           |         |          |

#### TOTARANUI U063PV

Date of Birth Animal Ident Register 12/9/2023 INZ23U063 HBR





Comments: Dam has IMF in top 2% of breed across Australasia. Good temperament. This bull, later born, has as solid ease of calving dataset, his birth weight in top 5% of breed. Has good carcass quality, IMF in top 10%.

G A R ASHLAND $^{PV}$  Sire: TOTARANUI R003 $^{SV}$  TOTARANUI 15292 $^{E}$ 

RENNYLEA L508<sup>PV</sup>
Dam: TOTARANUI S415<sup>PV</sup>
TOTARANUI 14334<sup>E</sup>

| August                                 | 2024 Tra | ınsTasmaı | n Angus ( | Cattle Eva | luation |     | Gene   | etic Conditio | ons: AMFU | ,CAFU,DDI | FU,NHFU |     |      | Tra  | aits Obser | ved:BWT, | ,200WT,G | enomics  |
|--|----------|-----------|-----------|------------|---------|-----|--------|---------------|-----------|-----------|---------|-----|------|------|------------|----------|----------|----------|
| TACE                                   |          | Calving   | g Ease    |            |         |     | Growth |               |           | Fer       | tility  |     |      | Card | case       |          |          | \$ Index |
| TACE    Taction Argus Cattle Evolution | CEDir    | CEDtrs    | GL        | BWT        | 200     | 400 | 600    | MCW           | Milk      | SS        | DC      | CWT | EMA  | Rib  | P8         | RBY      | IMF      | PRO      |
| EBV                                    | +5.1     | +4.5      | -5.4      | +0.9       | +39     | +78 | +98    | +60           | +20       | +1.8      | -3.3    | +49 | +4.4 | +0.2 | +1.2       | -0.1     | +4.6     | \$144    |
| Acc                                    | 64%      | 55%       | 81%       | 81%        | 82%     | 80% | 80%    | 77%           | 73%       | 78%       | 41%     | 68% | 68%  | 67%  | 69%        | 59%      | 73%      | Φ144     |
| Perc                                   | 25       | 35        | 34        | 5          | 92      | 87  | 88     | 95            | 30        | 62        | 79      | 92  | 73   | 44   | 24         | 80       | 7        | 57       |
| Purchase                               | er:      |           |           |            |         |     |        |               |           |           |         | \$: |      |      |            |          |          |          |

#### R8 TOTARANUI U348PV

Date of Birth Animal Ident 1/10/2023 INZ23U348





Comments: Cow bull on data. A very quiet dam, good type. By P107, a curve bending low birth weight sire we really liked. Structure EBVs suggest he will grow out well.

DEER VALLEY WALL STREET#
Sire: TOTARANUI R205<sup>SV</sup>
TOTARANUI 15233#

TOTARANUI P107 $^{\rm sv}$  Dam: TOTARANUI R761 $^{\rm pv}$  TOTARANUI N357 $^{\rm sv}$ 

Register

**HBR** 

| August   | 2024 Tra | nsTasmar | n Angus C | Cattle Eva | luation |     | Gene   | etic Conditio | ons: AMFU | ,CAFU,DDI | FU,NHFU |     |      | Traits | Observed | :CE,BWT, | 200WT,G | Genomics |
|----------|----------|----------|-----------|------------|---------|-----|--------|---------------|-----------|-----------|---------|-----|------|--------|----------|----------|---------|----------|
| TACE     |          | Calving  | Ease      |            |         |     | Growth |               |           | Fer       | tility  |     |      | Card   | case     |          |         | \$ Index |
| TACE     | CEDir    | CEDtrs   | GL        | BWT        | 200     | 400 | 600    | MCW           | Milk      | SS        | DC      | CWT | EMA  | Rib    | P8       | RBY      | IMF     | PRO      |
| EBV      | -3.9     | +9.2     | -3.5      | +3.6       | +48     | +79 | +101   | +88           | +14       | +2.4      | -7.1    | +49 | +8.4 | -0.9   | -1.6     | +0.9     | +2.0    | \$152    |
| Acc      | 63%      | 51%      | 81%       | 81%        | 82%     | 80% | 80%    | 76%           | 72%       | 77%       | 37%     | 67% | 67%  | 66%    | 68%      | 57%      | 72%     | \$15∠    |
| Perc     | 89       | 3        | 64        | 41         | 65      | 85  | 84     | 72            | 75        | 39        | 8       | 92  | 27   | 69     | 71       | 24       | 55      | 49       |
| Purchase | er:      |          |           |            |         |     |        |               |           |           |         | \$: |      |        |          |          |         |          |

| Breed                                  | Avera | ge EBVs | - Augu | st 2024 | 4 Trans | Tasmar | Angus  | Cattle E | valuat | ion  |        |     |      |      |      |      |         |       |     |       | Top 10 | % To  | op 50%   |
|--|-------|---------|--------|---------|---------|--------|--------|----------|--------|------|--------|-----|------|------|------|------|---------|-------|-----|-------|--------|-------|----------|
| TACE                                   |       | Calving | Ease   |         |         |        | Growth |          |        | Fert | tility |     |      |      |      |      | Carcase | •     |     |       |        |       | \$ Index |
| Translasman Angus<br>Cartie Evaluation | CEDir | CEDtrs  | GL     | BWT     | 200     | 400    | 600    | MCW      | Milk   | SS   | DC     | CWT | EMA  | Rib  | P8   | RBY  | IMF     | NFI-F | Doc | Claw  | Angle  | Leg   | PRO      |
| EBV                                    | +1.8  | +2.7    | -4.4   | -4.0    | +51     | +92    | +119   | +102     | +17    | +2.2 | -4.6   | +67 | +6.4 | +0.0 | -0.3 | +0.5 | +2.3    | +0.22 | +21 | +0.84 | +0.97  | +1.02 | +149     |

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Comments: A powerful bull from Baldridge, growth, carcass and

Date of Birth Animal Ident Register 10/2/2019 USA19576523 HBR

CONNEALY CONFIDENCE 0100# Sire: CONNEALY CONFIDENCE PLUS# ELBANNA OF CONANGA 1209#

MILL BAR HICKOK 7242PV Dam: BALDRIDGE ISABEL D753# BALDRIDGE ISABEL Y69#

| August | 2024 Tra | nsTasmar | n Angus ( | Cattle Eva | luation |      |        |      |      |      |        | Genetic | Conditions | s: AMF,CAF | F,DDF,NHF | DWF,MAF,  | MHF,OHF,   | OSF,RGF      |
|--------|----------|----------|-----------|------------|---------|------|--------|------|------|------|--------|---------|------------|------------|-----------|-----------|------------|--------------|
| TACE   |          | Calving  | Ease      |            |         |      | Growth |      |      | Fer  | tility |         |            | Car        | case      |           |            | \$ Index     |
| TACE   | CEDir    | CEDtrs   | GL        | BWT        | 200     | 400  | 600    | MCW  | Milk | SS   | DC     | CWT     | EMA        | Rib        | P8        | RBY       | IMF        | PRO          |
| EBV    | -3.2     | -5.3     | -3.9      | +5.7       | +74     | +128 | +145   | +104 | +18  | +0.3 | -5.8   | +93     | +16.8      | -1.5       | -3.2      | +1.4      | +1.5       | ФО4 <b>7</b> |
| Acc    | 72%      | 56%      | 93%       | 94%        | 92%     | 88%  | 87%    | 84%  | 81%  | 83%  | 42%    | 81%     | 78%        | 75%        | 73%       | 68%       | 80%        | \$217        |
| Perc   | 86       | 97       | 58        | 84         | 1       | 1    | 8      | 45   | 45   | 96   | 24     | 4       | 1          | 81         | 90        | 8         | 69         | 4            |
|        |          |          |           |            |         |      |        |      |      |      |        |         |            |            |           | Traite () | hearvad. ( | Ganomice     |

**CLUNIE RANGE PLANTATION P392sv** 

Comments: A Beast Mode son, from the Baldridge camp. We saw him in Australia and were impressed with his type, feet and temperament. Good calving ease with impressive growth and IMF. Date of Birth Animal Ident Register 27/7/2018 NBHP392 HBR

**GARPROPHET**<sub>SV</sub> Sire: BALDRIDGE BEAST MODE B074PV BALDRIDGE ISABEL Y69#

THOMAS UP RIVER 1614PV Dam: CLUNIE RANGE NAOMI M516# CLUNIE RANGE NAOMI H5#

| August                                  | 2024 Tra | nsTasmar | n Angus ( | Cattle Eva | luation |      |        |      |      |      |           | Genetic   | Conditions | s: AMF,CAF | DDF,NHF,  | DWF,MAF,  | MHF,OHF,  | OSF,RGF  |
|---|----------|----------|-----------|------------|---------|------|--------|------|------|------|-----------|-----------|------------|------------|-----------|-----------|-----------|----------|
| TACE                                    |          | Calving  | Ease      |            |         |      | Growth |      |      | Fer  | tility    |           |            | Card       | case      |           |           | \$ Index |
| TransTeerman Angus<br>Cartle Evaluation | CEDir    | CEDtrs   | GL        | BWT        | 200     | 400  | 600    | MCW  | Milk | SS   | DC        | CWT       | EMA        | Rib        | P8        | RBY       | IMF       | PRO      |
| EBV                                     | +3.8     | +3.0     | -5.2      | +4.3       | +67     | +116 | +142   | +106 | +21  | +5.5 | -3.8      | +71       | -1.2       | +0.1       | -0.7      | -1.6      | +3.9      | \$161    |
| Acc                                     | 87%      | 73%      | 99%       | 99%        | 98%     | 98%  | 98%    | 93%  | 87%  | 97%  | 58%       | 90%       | 89%        | 88%        | 89%       | 81%       | 90%       | \$101    |
| Perc                                    | 37       | 52       | 37        | 57         | 4       | 4    | 10     | 43   | 18   | 1    | 70        | 40        | 99         | 46         | 56        | 99        | 15        | 39       |
|   |          |          |           |            |         |      |        |      |      |      | Traits Ob | served: G | L,200WT,   | 600WT,S    | C,Scan(Ei | MA,Rib,Ru | mp,IMF),( | Genomics |

**GARHOMETOWN HEROSV** 

capacity body type and carcass data.

Date of Birth Animal Ident USA19862896 12/9/2020

GARASHLANDPV

Register HBR

Comments: An Ashland son that was hard not to use given his Sire: GARHOME TOWNPV CHAIR ROCK SURE FIRE 6095#

GAR MOMENTUMPV Dam: GAR MOMENTUM 2977# CHAIR ROCK PROPHET 3054#

| August                                | 2024 Tra | nsTasmar | n Angus ( | Cattle Eva | luation |      |        |      |      |      |        | Genetic | Conditions | s: AMF,CAF | ,DDF,NHF | DWF,MAF,  | MHF,OHF,   | OSF,RGF      |
|---------------------------------------|----------|----------|-----------|------------|---------|------|--------|------|------|------|--------|---------|------------|------------|----------|-----------|------------|--------------|
| TACE                                  |          | Calving  | Ease      |            |         |      | Growth |      |      | Fer  | tility |         |            | Car        | case     |           |            | \$ Index     |
| TransTasman Angus<br>Cartle Evakation | CEDir    | CEDtrs   | GL        | BWT        | 200     | 400  | 600    | MCW  | Milk | SS   | DC     | CWT     | EMA        | Rib        | P8       | RBY       | IMF        | PRO          |
| EBV                                   | -6.7     | +1.0     | -5.2      | +6.7       | +72     | +120 | +148   | +130 | +13  | +1.4 | -7.0   | +91     | +10.6      | -1.0       | -1.6     | +0.1      | +3.3       | <b>\$000</b> |
| Acc                                   | 77%      | 64%      | 98%       | 97%        | 95%     | 90%  | 88%    | 85%  | 81%  | 84%  | 47%    | 82%     | 79%        | 76%        | 75%      | 70%       | 81%        | \$209        |
| Perc                                  | 95       | 71       | 37        | 94         | 1       | 2    | 6      | 14   | 77   | 75   | 9      | 5       | 11         | 71         | 71       | 71        | 24         | 6            |
|                                       |          |          |           |            |         |      |        |      |      |      |        |         |            |            |          | Traits OI | bserved: ( | Genomics     |

HPCABOUNTIFUL#

Date of Birth 1/9/2020

Animal Ident USA19841960 Register HBR

Comments: A Hometown son from the HPCA camp that bred Intensity. Good growth with excellent carcass qualities.

GARASHLANDPV Sire: GARHOME TOWNPV CHAIR ROCK SURE FIRE 6095#

GARSUNRISE<sup>SV</sup> Dam: HPC A SUNRISE A246# HPCAPROPHET A3#

| August  | 2024 Tra | nsTasmar | n Angus ( | Cattle Eva | aluation |      |        |     |      |      |        | Genetic | Conditions | s: AMF,CAF | ,DDF,NHF, | ,DWF,MAF,     | MHF,OHF,     | OSF,RGF  |
|---|----------|----------|-----------|------------|----------|------|--------|-----|------|------|--------|---------|------------|------------|-----------|---------------|--------------|----------|
| TACE  |          | Calving  | g Ease    |            |          |      | Growth |     |      | Fer  | tility |         |            | Car        | case      |               |              | \$ Index |
| TACE  [[104][[104]]  Transitionan Angus Cuttle Evoluntion | CEDir    | CEDtrs   | GL        | BWT        | 200      | 400  | 600    | MCW | Milk | SS   | DC     | CWT     | EMA        | Rib        | P8        | RBY           | IMF          | PRO      |
| EBV   | +0.5     | -4.8     | -1.5      | +3.0       | +56      | +103 | +124   | +88 | +19  | +1.1 | -6.0   | +74     | +12.1      | -1.3       | -4.2      | +0.0          | +5.1         | \$182    |
| Acc   | 76%      | 64%      | 96%       | 94%        | 93%      | 89%  | 88%    | 85% | 82%  | 84%  | 46%    | 82%     | 79%        | 77%        | 76%       | 70%           | 81%          | φιοΖ     |
| Perc  | 66       | 96       | 88        | 28         | 25       | 19   | 40     | 72  | 30   | 84   | 20     | 31      | 6          | 77         | 95        | 76            | 4            | 20       |
|   |          |          |           |            |          |      |        |     |      |      |        | Traits  | Observed   | :Structure | e(Claw Se | t x 1, Foot A | angle x 1),C | Genomics |

#### RS MURDEDUKE QUARTERBACK Q011PV

Date of Birth Animal Ident Register
10/7/2019 CSWQ011 HBR

 $\begin{tabular}{ll} \textbf{Comments:} & \textbf{Out of the Momentum line, very balanced dataset} \\ & \textbf{with calving ease, growth, positive fats and IMF.} \\ \end{tabular}$ 

G A R MOMENTUM<sup>PV</sup>
Sire: LAWSONS MOMENTOUS M518<sup>PV</sup>
LAWSONS AFRICA H229<sup>SV</sup>

CARABAR DOCKLANDS D62 $^{\rm PV}$  Dam: MURDEDUKE BARUNAH N026 $^{\rm PV}$  MURDEDUKE K30 $^{\rm SV}$ 

|  | 2024 Tra | nsTasmar | n Angus ( | Cattle Eva | luation |            |             |           |          |          |          | Genetic  | Conditions | s: AMF,CAF  | F,DDF,NHF, | DWF,MAF,      | MHF,OHF,     | OSF,RGF  |
|--|----------|----------|-----------|------------|---------|------------|-------------|-----------|----------|----------|----------|----------|------------|-------------|------------|---------------|--------------|----------|
| TACE   |          | Calving  | Ease      |            |         |            | Growth      |           |          | Fer      | tility   |          |            | Car         | case       |               |              | \$ Index |
| TACE [[Pel][[]]-[] TonsSaman Angus Cottle Evaluation | CEDir    | CEDtrs   | GL        | BWT        | 200     | 400        | 600         | MCW       | Milk     | SS       | DC       | CWT      | EMA        | Rib         | P8         | RBY           | IMF          | PRO      |
| EBV  | +5.1     | -1.0     | -9.5      | +3.0       | +53     | +98        | +131        | +114      | +23      | +4.1     | -5.5     | +74      | +4.6       | +1.8        | +2.5       | -1.0          | +5.2         | \$179    |
| Acc  | 89%      | 79%      | 99%       | 99%        | 99%     | 99%        | 98%         | 96%       | 92%      | 98%      | 63%      | 91%      | 90%        | 89%         | 89%        | 82%           | 90%          | \$179    |
| Perc   | 25       | 84       | 3         | 28         | 41      | 31         | 26          | 31        | 12       | 5        | 29       | 30       | 71         | 15          | 11         | 98            | 4            | 22       |
|  |          |          |           |            | Т       | raits Obse | erved: GL,( | CE,BWT,20 | 00WT,400 | OWT,SC,S | can(EMA, | Rib,Rump | ,IMF),DOC  | C,Structure | e(Claw Set | t x 1, Foot A | Angle x 1),C | Genomics |

STORTH OAKS P9PV

Date of Birth 16/7/2018 Animal Ident NZE19507018P9 Register HBR

Comments: Lotto has bred well, as with this Storth Oaks son. He has a very nice type, very good on the ground, and displays an ideal temperament. On top of the type, very well balanced and powerful dataset.

AYRVALE GENERAL G18<sup>PV</sup>
Sire: ESSLEMONT LOTTO L3<sup>PV</sup>
ESSLEMONT JENNY J8<sup>PV</sup>

STORTH OAKS EVEREST J20#

Dam: STORTH OAKS M211#

STORTH OAKS G181#

|   | 2024 Tra | nsTasmar | n Angus C | Cattle Eva | luation |     |        |     |      |      |        | Ge  | netic Cond | litions: AMF | CAF,DDF, | NHF,DWF, | MAF,MHF, | OSF,RGF  |
|---|----------|----------|-----------|------------|---------|-----|--------|-----|------|------|--------|-----|------------|--------------|----------|----------|----------|----------|
| TACE  |          | Calving  | Ease      |            |         |     | Growth |     |      | Fer  | tility |     |            | Card         | ase      |          |          | \$ Index |
| TACE [[Pal][[]au[[] Tonoflamon Anous Cottle Evaluation. | CEDir    | CEDtrs   | GL        | BWT        | 200     | 400 | 600    | MCW | Milk | SS   | DC     | CWT | EMA        | Rib          | P8       | RBY      | IMF      | PRO      |
| EBV   | +4.0     | +6.3     | -6.1      | +2.5       | +49     | +96 | +120   | +99 | +19  | +3.5 | -8.4   | +78 | +7.6       | -0.3         | +0.1     | +1.3     | +3.0     | \$230    |
| Acc   | 72%      | 64%      | 83%       | 92%        | 90%     | 90% | 89%    | 85% | 79%  | 85%  | 55%    | 80% | 78%        | 79%          | 79%      | 73%      | 81%      | φ230     |
| Perc  | 35       | 17       | 24        | 20         | 61      | 39  | 48     | 54  | 35   | 12   | 2      | 22  | 35         | 56           | 42       | 10       | 30       | 2        |

#### RS TOTARANUI P103sv

1/8/2018

Date of Birth

Animal Ident NZE12922018P103 Register HBR

Comments: Rennylea L508 son we picked out early on type and temperament. He has bred very well for us, lots of progeny on the ground. He has passed on his dataset, which is well balanced with calving ease the stand out feature.

HPCAINTENSITY\*\*
Sire: RENNYLEA L508PV
RENNYLEA H414SV

TOTARANUI 12286\*

Dam: TOTARANUI 14214<sup>SV</sup>

TOTARANUI 12126\*

|  | 2024 Tra | nsTasmar | n Angus ( | Cattle Eva | luation |     |        |     |      |      |        |     |      |           | Genetic ( | Conditions: | AMF,CAF   | ,DDF,NHF |
|--|----------|----------|-----------|------------|---------|-----|--------|-----|------|------|--------|-----|------|-----------|-----------|-------------|-----------|----------|
| TACE                                     |          | Calving  | g Ease    |            |         |     | Growth |     |      | Fer  | tility |     |      | Car       | case      |             |           | \$ Index |
| TACE [[Political Argus Cattle Evaluation | CEDir    | CEDtrs   | GL        | BWT        | 200     | 400 | 600    | MCW | Milk | SS   | DC     | CWT | EMA  | Rib       | P8        | RBY         | IMF       | PRO      |
| EBV                                      | +6.6     | +9.2     | -8.1      | +0.7       | +43     | +86 | +110   | +98 | +20  | +0.2 | -6.2   | +53 | +6.9 | +1.1      | +0.0      | +0.4        | +2.2      | \$163    |
| Acc                                      | 70%      | 60%      | 85%       | 93%        | 91%     | 90% | 89%    | 86% | 82%  | 83%  | 53%    | 80% | 78%  | 79%       | 79%       | 72%         | 80%       | φίος     |
| Perc                                     | 14       | 3        | 7         | 4          | 82      | 66  | 70     | 55  | 30   | 96   | 17     | 87  | 43   | 25        | 44        | 53          | 49        | 37       |
|  |          |          |           |            |         |     |        |     |      |      |        |     |      | Traits Ob | served: G | L,CE,BWT    | Г,200WT,0 | Genomics |

RS TOTARANUI Q239<sup>sv</sup>

Date of Birth 10/8/2019

Animal Ident NZE12922019Q239 Register HBR

Comments: Q239 bends the curve. His dataset has stood the test of time, it remains one of very good calving ease without compromising growth.

G A R PROPHETSV

Sire: CLUNES CROSSING DUSTY M13PV

CLUNES CROSSING GLORIOUS G1SV

HPCAINTENSITY\*

Dam: TOTARANUI 15225\*

TOTARANUI 12126\*

| August | 2024 Tra | nsTasmar | n Angus ( | Cattle Eva | luation |      |        |      |      |        |        |        |          | Gene     | etic Conditi | ons: AMFU | ,CAFU,DD | FU,NHFU  |
|--------|----------|----------|-----------|------------|---------|------|--------|------|------|--------|--------|--------|----------|----------|--------------|-----------|----------|----------|
| TACE   |          | Calving  | g Ease    |            |         |      | Growth |      |      | Fer    | tility |        |          | Car      | case         |           |          | \$ Index |
| TACE   | CEDir    | CEDtrs   | GL        | BWT        | 200     | 400  | 600    | MCW  | Milk | SS     | DC     | CWT    | EMA      | Rib      | P8           | RBY       | IMF      | PRO      |
| EBV    | +4.7     | +7.4     | -9.1      | +3.6       | +59     | +106 | +134   | +114 | +23  | +1.4   | -6.7   | +69    | +5.1     | -0.9     | -2.7         | +0.2      | +2.6     | \$184    |
| Acc    | 72%      | 63%      | 83%       | 91%        | 90%     | 88%  | 87%    | 84%  | 79%  | 81%    | 53%    | 78%    | 77%      | 77%      | 78%          | 71%       | 79%      | Ф104     |
| Perc   | 29       | 10       | 4         | 41         | 16      | 14   | 20     | 30   | 10   | 75     | 11     | 47     | 65       | 69       | 86           | 65        | 39       | 19       |
|        |          |          |           |            |         |      |        |      |      | T '1 0 |        | OF DIA | T00014/T | 400\A/TO | 00 /5        | 44 D'L D  | 13.45    |          |

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

#### RS TOTARANUI R003sv

Comments: Elite calving ease without giving away too much growth. Beautiful capacity type of bull with a lovely temperament.

Date of Birth Animal Ident Register 10/8/2020 NZE12922020R003 HBR

GAREARLY BIRD\*
Sire: GARASHLAND\*
CHAIR ROCK AMBUSH 1018\*

CONNEALY REVENUE 7392<sup>sv</sup> Dam: TOTARANUI 15292<sup>E</sup>

TOTARANUI 74#

| Ε  |       | Calving | Ease |      |     |     | Growth |     |      | Fer  | tility |     |      | Card | case |      |      | \$ Index      |
|----|-------|---------|------|------|-----|-----|--------|-----|------|------|--------|-----|------|------|------|------|------|---------------|
| Į. | CEDir | CEDtrs  | GL   | BWT  | 200 | 400 | 600    | MCW | Milk | SS   | DC     | CWT | EMA  | Rib  | P8   | RBY  | IMF  | PRO           |
|    | +9.2  | +8.2    | -7.4 | -0.2 | +50 | +87 | +110   | +66 | +17  | -0.2 | -3.7   | +61 | +5.4 | -0.1 | +0.3 | -0.3 | +3.9 | Ф4 <b>7</b> 0 |
|    | 73%   | 62%     | 84%  | 91%  | 90% | 87% | 85%    | 83% | 76%  | 80%  | 47%    | 76% | 72%  | 73%  | 74%  | 67%  | 75%  | \$178         |
|    | 3     | 6       | 12   | 2    | 55  | 65  | 69     | 93  | 46   | 99   | 72     | 69  | 61   | 51   | 38   | 87   | 15   | 23            |

RS TOTARANUI R205sv

all. Sound growth and excellent data.

Comments: Birth weight in top 10%, very good calving ease over

Date of Birth Animal Ident Register 31/7/2020 NZE12922020R205 HBR

BASIN PAYWEIGHT 1682PV
Sire: DEER VALLEY WALL STREET#
DEER VALLEY RITA 36113\*

HPCAINTENSITY\*

Dam: TOTARANUI 15233\*

TOTARANUI 08\*

| August                                 | 2024 Tra | nsTasmar | n Angus ( | Cattle Eva | luation |     |        |     |      |      |        |     |      | Gene | etic Conditi | ons: AMFU | J,CAFU,DD | FU,NHFU  |
|--|----------|----------|-----------|------------|---------|-----|--------|-----|------|------|--------|-----|------|------|--------------|-----------|-----------|----------|
| TACE                                   |          | Calving  | g Ease    |            |         |     | Growth |     |      | Fer  | tility |     |      | Card | case         |           |           | \$ Index |
| TransTasman Angus<br>Cattle Evaluation | CEDir    | CEDtrs   | GL        | BWT        | 200     | 400 | 600    | MCW | Milk | SS   | DC     | CWT | EMA  | Rib  | P8           | RBY       | IMF       | PRO      |
| EBV                                    | +5.6     | +5.7     | -6.1      | +1.4       | +46     | +92 | +114   | +88 | +19  | +0.6 | -5.8   | +70 | +7.2 | +2.6 | +2.0         | -0.3      | +3.3      | \$181    |
| Acc                                    | 71%      | 56%      | 83%       | 90%        | 89%     | 86% | 85%    | 82% | 76%  | 80%  | 44%    | 75% | 71%  | 72%  | 73%          | 65%       | 75%       | \$101    |
| Perc                                   | 21       | 22       | 24        | 8          | 72      | 51  | 61     | 72  | 37   | 93   | 24     | 42  | 39   | 8    | 15           | 87        | 24        | 21       |

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

#### RS TOTARANUI S005sv

Comments: A short gestation bull with good overall calving ease. Good growth and carcass data.

Date of Birth Animal Ident Register 7/8/2021 INZ21S005 HBR

V A R DISCOVERY 2240<sup>FV</sup>
Sire: DIABLO DELUXE 1104<sup>FV</sup>
DIABLO ERICA DIANNA 9034<sup>#</sup>

TOTARANUI 12290\*

Dam: TOTARANUI 14284\*

TOTARANUI 12098\*

| August  | 2024 Tra | nsTasmar | n Angus ( | Cattle Eva | luation |     |        |     |      |       |            |           |          | Gene    | etic Conditi | ons: AMFU | ,CAFU,DD  | FU,NHFU  |
|---|----------|----------|-----------|------------|---------|-----|--------|-----|------|-------|------------|-----------|----------|---------|--------------|-----------|-----------|----------|
| TACE  |          | Calving  | Ease      |            |         |     | Growth |     |      | Fer   | tility     |           |          | Card    | case         |           |           | \$ Index |
| TACE [[]**[][]**[[] Teactlemen Arquis Cattle Evaluation | CEDir    | CEDtrs   | GL        | BWT        | 200     | 400 | 600    | MCW | Milk | SS    | DC         | CWT       | EMA      | Rib     | P8           | RBY       | IMF       | PRO      |
| EBV   | +4.1     | +6.7     | -9.4      | +3.9       | +50     | +90 | +110   | +95 | +18  | +2.1  | -4.5       | +57       | +7.2     | -0.2    | -2.2         | +0.7      | +2.2      | \$145    |
| Acc   | 68%      | 57%      | 84%       | 85%        | 85%     | 83% | 83%    | 80% | 76%  | 80%   | 43%        | 73%       | 70%      | 70%     | 71%          | 62%       | 75%       | Φ145     |
| Perc  | 34       | 14       | 3         | 48         | 52      | 56  | 70     | 60  | 38   | 50    | 53         | 80        | 39       | 53      | 80           | 35        | 49        | 56       |
|   |          |          |           |            |         |     |        |     |      | Trait | ts Observe | ed: GL,BW | T,200WT, | 400WT,S | C,Scan(El    | MA,Rib,Ru | mp,IMF),( | Genomics |

#### RS TOTARANUI S007<sup>sv</sup>

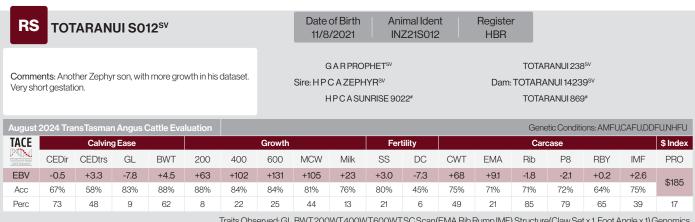
Comments: Calving ease son of Zephyr. Good calving ease without compromising growth. Good carcass data.

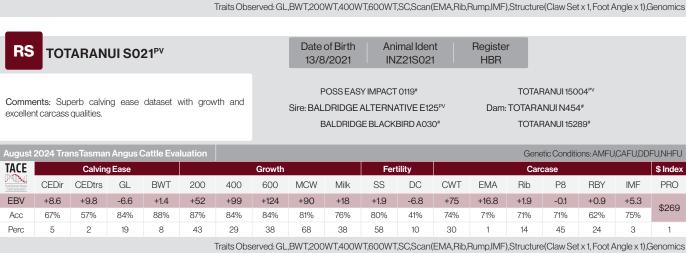
Date of Birth Animal Ident Register
10/8/2021 INZ21S007 HBR

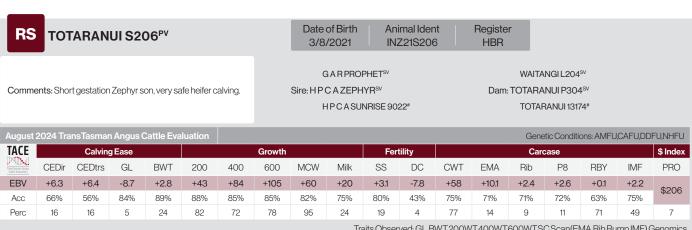
GAR PROPHETSV TOTARANUI 238SV Sire: H P C A ZEPHYRSV Dam: TOTARANUI 14253SV H P C A SUNRISE 9022 $^{\sharp}$  TOTARANUI 083 $^{\sharp}$ 

|      | 2024 Tra | nsTasmar | n Angus ( | Cattle Eva | luation |     |        |     |      |      |        |     |       | Gene | etic Conditi | ons: AMFU | ,CAFU,DD | FU,NHFU      |
|------|----------|----------|-----------|------------|---------|-----|--------|-----|------|------|--------|-----|-------|------|--------------|-----------|----------|--------------|
| TACE |          | Calving  | Ease      |            |         |     | Growth |     |      | Fer  | tility |     |       | Car  | case         |           |          | \$ Index     |
| TACE | CEDir    | CEDtrs   | GL        | BWT        | 200     | 400 | 600    | MCW | Milk | SS   | DC     | CWT | EMA   | Rib  | P8           | RBY       | IMF      | PRO          |
| EBV  | +7.3     | +2.0     | -8.5      | +2.6       | +51     | +90 | +112   | +72 | +23  | +3.2 | -6.4   | +64 | +10.4 | -2.0 | -1.9         | +0.9      | +4.2     | <b>\$000</b> |
| Acc  | 66%      | 57%      | 83%       | 87%        | 86%     | 83% | 84%    | 81% | 75%  | 80%  | 44%    | 74% | 71%   | 71%  | 72%          | 63%       | 75%      | \$206        |
| Perc | 10       | 62       | 6         | 21         | 49      | 57  | 65     | 89  | 13   | 17   | 15     | 61  | 12    | 88   | 76           | 24        | 11       | 7            |

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







| RS   | тот               | TARAN                      | UI S2        | 15 <sup>PV</sup> |                |          |            |            | of Birth<br>/2021 |                       | mal Iden<br>Z21S215 | -          | Registe<br>HBR | r                   |                                   |                  |           |          |
|--|-------------------|----------------------------|--------------|------------------|----------------|----------|------------|------------|-------------------|-----------------------|---------------------|------------|----------------|---------------------|-----------------------------------|------------------|-----------|----------|
|  |                   | e calving e<br>so has very |              |                  |                | ith very |            | Sire: DIAI | / A R DISC        | JXE 1104 <sup>F</sup> |                     |            | Dam:           | TOTARA              | YLEA L50<br>NUI P447<br>RANUI 142 | <b>7</b> SV      |           |          |
|  |                   |                            |              |                  |                |          |            |            | DIABLO EF         | NICA DIAN             | NA 9034             |            |                | TOTAL               | 1AINUI 142                        | 13               |           |          |
| August   | 2024 Tra          | nsTasmar                   | n Angus (    | Cattle Eva       | luation        |          |            |            | DIABLO EF         | SICA DIAN             | NA 9034             |            |                |                     | etic Condition                    |                  | J,CAFU,DD | )FU,NHFU |
| TACE   | 2024 Tra          | nsTasmar<br>Calving        |              | Cattle Eva       | luation        |          | Growth     |            | DIABLO EF         | Fert                  |                     |            | _              | Gene                |                                   |                  | J,CAFU,DD | FU,NHFU  |
| TACE   | 2024 Tra<br>CEDir |                            |              | Cattle Eva       | luation<br>200 | 400      | Growth 600 | MCW        | Milk              |                       |                     | CWT        | EMA            | Gene                | etic Conditio                     |                  | J,CAFU,DD | _        |
| August TACE  Politicana Propos Cata Evaluation EBV |                   | Calving                    | g Ease       |                  |                | 400 +107 |            |            |                   | Fert                  | ility               | CWT<br>+70 | EMA<br>-1.5    | Gene                | etic Conditio                     | ons: AMFL        |           | \$ Index |
| TACE   | CEDir             | <b>Calving</b> CEDtrs      | g Ease<br>GL | BWT              | 200            |          | 600        | MCW        | Milk              | <b>Fert</b><br>SS     | ility<br>DC         | -          |                | Gene<br>Care<br>Rib | etic Conditional Case             | ons: AMFL<br>RBY | IMF       | \$ Index |

Top 10% Top 50%

#### RS TOTARANUI S219PV

Comments: Another curve bender by Diablo. Elite calving ease, very good growth, with carcass merit.

Date of Birth Animal Ident Register
6/8/2021 INZ21S219 HBR

V A R DISCOVERY 2240<sup>PV</sup>
Sire: DIABLO DELUXE 1104<sup>PV</sup>
DIABLO ERICA DIANNA 9034#

RENNYLEA L508<sup>PV</sup>
Dam: TOTARANUI P461<sup>SV</sup>
TOTARANUI 14301<sup>SV</sup>

|      | 2024 Tra | nsTasmar | Angus ( | Cattle Eva | luation |            |           |          |         |          |           |           |          | Gene        | tic Conditi | ons: AMFU     | ,CAFU,DD     | FU,NHFU  |
|------|----------|----------|---------|------------|---------|------------|-----------|----------|---------|----------|-----------|-----------|----------|-------------|-------------|---------------|--------------|----------|
| TACE |          | Calving  | Ease    |            |         |            | Growth    |          |         | Fer      | tility    |           |          | Card        | case        |               |              | \$ Index |
| TACE | CEDir    | CEDtrs   | GL      | BWT        | 200     | 400        | 600       | MCW      | Milk    | SS       | DC        | CWT       | EMA      | Rib         | P8          | RBY           | IMF          | PRO      |
| EBV  | +9.2     | +9.4     | -8.2    | +0.8       | +47     | +96        | +128      | +106     | +19     | +2.9     | -5.5      | +56       | +5.5     | +0.5        | -0.6        | -0.2          | +3.7         | \$184    |
| Acc  | 67%      | 57%      | 83%     | 85%        | 85%     | 83%        | 83%       | 81%      | 76%     | 80%      | 45%       | 74%       | 71%      | 71%         | 72%         | 63%           | 75%          | \$104    |
| Perc | 3        | 2        | 7       | 4          | 69      | 38         | 31        | 43       | 33      | 24       | 29        | 81        | 60       | 37          | 54          | 84            | 17           | 18       |
|      |          |          |         |            |         | Traits Obs | erved: GL | ,BWT,200 | WT,400V | /T,600WT | ,SC,Scan( | EMA,Rib,F | Rump,IMF | ),Structure | e(Claw Se   | t x 1, Foot A | Angle x 1),( | Genomics |

RS TOTARANUI S297PV

Comments: Very short gestation, sound heifer bull - calving ease all round with growth out the other side.

Date of Birth Animal Ident Register 26/8/2021 INZ21S297 HBR

V A R DISCOVERY 2240<sup>PV</sup>
Sire: DIABLO DELUXE 1104<sup>PV</sup>
DIABLO ERICA DIANNA 9034<sup>#</sup>

ESSLEMONT LOTTO L3<sup>PV</sup>
Dam: TOTARANUI P427<sup>SV</sup>
TOTARANUI 14305#

|  | 2024 Tra | nsTasmar | n Angus ( | Cattle Eva | luation |      |        |      |      |      |        |     |      | Ger  | netic Cond | itions: AMF | U,CAFU,DI | DFU,NHF      |
|--|----------|----------|-----------|------------|---------|------|--------|------|------|------|--------|-----|------|------|------------|-------------|-----------|--------------|
| TACE                                   |          | Calving  | Ease      |            |         |      | Growth |      |      | Fer  | tility |     |      | Card | case       |             |           | \$ Index     |
| Transfasman Angus<br>Cattle Evaluation | CEDir    | CEDtrs   | GL        | BWT        | 200     | 400  | 600    | MCW  | Milk | SS   | DC     | CWT | EMA  | Rib  | P8         | RBY         | IMF       | PRO          |
| EBV                                    | +4.5     | +6.8     | -8.5      | +2.9       | +57     | +110 | +136   | +133 | +20  | +3.0 | -3.2   | +61 | +8.3 | -0.6 | -3.4       | +0.6        | +3.6      | <b>01</b> 57 |
| Acc                                    | 66%      | 57%      | 82%       | 86%        | 86%     | 83%  | 83%    | 80%  | 75%  | 79%  | 44%    | 73% | 70%  | 70%  | 71%        | 63%         | 75%       | \$157        |
| Perc                                   | 30       | 13       | 6         | 26         | 23      | 9    | 17     | 11   | 26   | 21   | 81     | 69  | 28   | 63   | 91         | 41          | 19        | 43           |

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

#### RS TOTARANUI S336PV

Comments: Bull used as a heifer bull, calving ease data dropped away a bit to middle of the road.

Date of Birth Animal Ident Register 10/9/2021 INZ21S336 HBR

CLUNES CROSSING DUSTY M13<sup>PV</sup> Sire: TOTARANUI Q242<sup>SV</sup> STOKMAN REAL DEAL N247<sup>PV</sup>

TOTARANUI Q242<sup>SV</sup> Dam: TOTARANUI Q610<sup>SV</sup> TOTARANUI 14339<sup>SV</sup> TOTARANUI N349\*

|  | 2024 Tra | nsTasmar | n Angus ( | Cattle Eva | luation |     |        |     |      |      |        |     |      | Gene   | etic Conditi | ons: AMFU | ,CAFU,DD | FU,NHFU  |
|--|----------|----------|-----------|------------|---------|-----|--------|-----|------|------|--------|-----|------|--------|--------------|-----------|----------|----------|
| TACE   |          | Calving  | g Ease    |            |         |     | Growth |     |      | Fer  | tility |     |      | Card   | case         |           |          | \$ Index |
| TACE [[3º4] [[6-1]] Triesfasmen Arquis Cattle Evaluation | CEDir    | CEDtrs   | GL        | BWT        | 200     | 400 | 600    | MCW | Milk | SS   | DC     | CWT | EMA  | Rib    | P8           | RBY       | IMF      | PRO      |
| EBV  | -1.3     | +2.5     | -4.1      | +4.1       | +41     | +71 | +97    | +69 | +17  | +1.3 | -3.5   | +48 | +2.5 | +0.2   | +0.4         | +0.3      | +0.5     | \$81     |
| Acc  | 66%      | 55%      | 82%       | 84%        | 84%     | 81% | 82%    | 79% | 74%  | 78%  | 41%    | 71% | 69%  | 69%    | 70%          | 60%       | 74%      | ФОІ      |
| Perc   | 78       | 57       | 55        | 52         | 89      | 94  | 89     | 91  | 48   | 78   | 76     | 93  | 89   | 44     | 37           | 59        | 90       | 95       |
|  |          |          |           |            |         |     |        |     |      |      |        |     |      | Traits | Observed     | d: CE.BW1 | .200WT.  | Genomics |

#### RS WAIRERE REAL DEAL H829PV

Comments: A curve bender from Wairere, this bull a son of Inertia who I saw in the States a few years back. He is a bull of nice type, great calving ease with growth, and excellent carcass merit.

Date of Birth Animal Ident Register 2/7/2020 NZE13615020829 HBR

GAR MOMENTUMPV GAR PROPHECYSV
Sire: GAR INERTIAPV Dam: WAIRERE E664SV
GAR PROPHET 2984\* WAIRERE Y484\*

| August | 2024 Tra   | nsTasmar | n Angus ( | Cattle Eva | luation |     |        |     |      |      |        | Genetic | Conditions | s: AMF,CAF | DDF,NHF, | DWF,MAF, | MHF,OHF, | OSF,RGF  |
|--------|--|----------|-----------|------------|---------|-----|--------|-----|------|------|--------|---------|------------|------------|----------|----------|----------|----------|
| TACE   |  | Calving  | Ease      |            |         |     | Growth |     |      | Fer  | tility |         |            | Card       | case     |          |          | \$ Index |
| TACE   | CEDir  | CEDtrs   | GL        | BWT        | 200     | 400 | 600    | MCW | Milk | SS   | DC     | CWT     | EMA        | Rib        | P8       | RBY      | IMF      | PRO      |
| EBV    | +4.5   | +3.7     | -6.3      | +2.0       | +52     | +96 | +127   | +93 | +19  | +3.4 | -5.4   | +68     | +7.5       | +3.7       | +4.2     | -0.8     | +4.4     | \$206    |
| Acc    | 74%  | 65%      | 91%       | 89%        | 88%     | 85% | 85%    | 83% | 78%  | 81%  | 48%    | 76%     | 72%        | 73%        | 73%      | 65%      | 76%      | \$206    |
| Perc   | 30   | 44       | 22        | 13         | 45      | 37  | 32     | 64  | 36   | 13   | 32     | 48      | 36         | 3          | 3        | 96       | 9        | 7        |
|        | Traits Observed: GL,BWT,200WT,400WT,600WT,SC,Scan(EMA,Rib,Rump,IMF),Genomics |          |           |            |         |     |        |     |      |      |        |         |            |            |          |          |          |          |

#### RS WARRAWEE PATROL P29PV

Comments: I saw this bull in Australia in 2022, and selected to use him as a key sire for our low birthweight programme. His type was sound, feet very good, but his dataset just outstanding - and it hasn't moved much at all with time.

Date of Birth Animal Ident Register
7/4/2018 QKBP29 HBR

TE MANIA BERKLEY B1FV
Sire: PATHFINDER GENESIS G357PV
PATHFINDER DIRECTION D245<sup>SV</sup>

AYRVALE GENERAL G18<sup>PV</sup>

Dam: WARRAWEE GENERAL TURIKU M1 M01<sup>SV</sup>

KANSAS TARIKU B10<sup>PV</sup>

| CE |       | Calving | Ease  |      |     |      | Growth |      |      | Fer  | tility |     |      | Care | case |      |      | \$ Index    |
|----|-------|---------|-------|------|-----|------|--------|------|------|------|--------|-----|------|------|------|------|------|-------------|
| CE | CEDir | CEDtrs  | GL    | BWT  | 200 | 400  | 600    | MCW  | Milk | SS   | DC     | CWT | EMA  | Rib  | P8   | RBY  | IMF  | PRO         |
| 8V | +6.8  | +10.8   | -12.0 | +3.1 | +55 | +104 | +139   | +132 | +19  | +2.2 | -9.3   | +99 | +9.2 | +3.5 | +1.8 | +0.4 | +1.8 | <b>CO40</b> |
| С  | 79%   | 70%     | 96%   | 94%  | 93% | 91%  | 90%    | 88%  | 82%  | 87%  | 64%    | 86% | 84%  | 84%  | 85%  | 78%  | 86%  | \$240       |
| rc | 13    | 1       | 1     | 30   | 31  | 19   | 13     | 12   | 34   | 47   | 1      | 2   | 20   | 3    | 17   | 53   | 61   | 1           |

RS WOODHILL AUTHENTICPV

Comments: Almost a perfect dataset for ease of calving - curve bending growth and carcass data. Grandsire KM Broken Bow that has done well in this herd through the Kauri Downs Broken Bow bull we used across yearlings.

Date of Birth Animal Ident Register
18/2/2019 USA19541556 HBR

KM BROKEN BOW 002<sup>PV</sup>
Sire: SPRING COVE RENO 4021<sup>#</sup>
SPRING COVE LIZA 021<sup>#</sup>

HOOVER DAM\*

Dam: WOODHILL EVERGREEN U181-A130\*

WOODHILL EVERGREEN R53-U181\*

|      | 2024 Tra | ns Tasmar | n Angus C | Cattle Eva | luation |      |        |      |      |      |        | Genetic | Conditions | s: AMF,CAF | DDF,NHF, | DWF,MAF, | MHF,OHF, | OSF,RGF  |
|------|----------|-----------|-----------|------------|---------|------|--------|------|------|------|--------|---------|------------|------------|----------|----------|----------|----------|
| TACE |          | Calving   | Ease      |            |         |      | Growth |      |      | Fert | tility |         |            | Card       | case     |          |          | \$ Index |
| TACE | CEDir    | CEDtrs    | GL        | BWT        | 200     | 400  | 600    | MCW  | Milk | SS   | DC     | CWT     | EMA        | Rib        | P8       | RBY      | IMF      | PRO      |
| EBV  | +7.6     | +7.6      | -6.6      | +3.5       | +74     | +125 | +159   | +138 | +22  | +1.8 | -1.6   | +93     | +10.9      | -5.0       | -6.5     | +1.0     | +1.9     | \$166    |
| Acc  | 72%      | 56%       | 94%       | 95%        | 93%     | 88%  | 86%    | 84%  | 79%  | 82%  | 41%    | 80%     | 76%        | 73%        | 71%      | 66%      | 79%      | φισο     |
| Perc | 8        | 8         | 19        | 38         | 1       | 1    | 2      | 9    | 16   | 62   | 96     | 4       | 10         | 99         | 99       | 20       | 58       | 34       |

Traits Observed: Genomics

Top 10% Top 50%



## Bull Purchaser Instruction and FMG Insurance Slip

^ Required to correctly identify you once cover is issued.



Please complete this slip and hand to the Booking Clerk before leaving the sale. This slip **MUST** be fully completed to be eligible for the 14 days free Premier Bull Insurance.

Purchaser/Agent full name:^ Buyer No: If purchasing on behalf of, what is your relationship to owner? Purchaser's DOB:^ Purchaser's full name:^ FMG Client Account Number: Purchaser's postal address: NAIT No .: Post Code: Delivery address: Farm/business name: Purchaser's phone: Purchaser's email: Breed: DOB: \$ Lot: Tag: Transport instructions: Stock firm to be charged: Period of FMG Insurance Tick here to extend your Bull Insurance to 12 months @ 7.6% of the purchase price of your bull. This will extend the cover beyond the initial 14 days free cover for the remaining period of 12 months. If you do not wish to be contacted by FMG in the future to discuss other products and services please tick here: I acknowledge and agree for my personal information contained in this Purchaser Instruction and Insurance Slip to be shared between the parties involved in this bull sale, including but not limited to the vendor or their representatives, livestock agencies, transport operators and FMG. The information is shared for the purpose of completing the sale and purchase of the bull, including insurance with FMG. NO VERBAL INSTRUCTIONS WILL BE ACCEPTED Signature of Purchaser or Agent: Date: Disclaimer Please note this is only a summary of the product and is subject to our specific product documentation. For full details, you should refer to the policy document. You can get these documents, and any other information you need, from your FMG representative, by calling us or visiting, fmg.co.nz/livestockpolicy

#### By Tag#

#### By Tag#

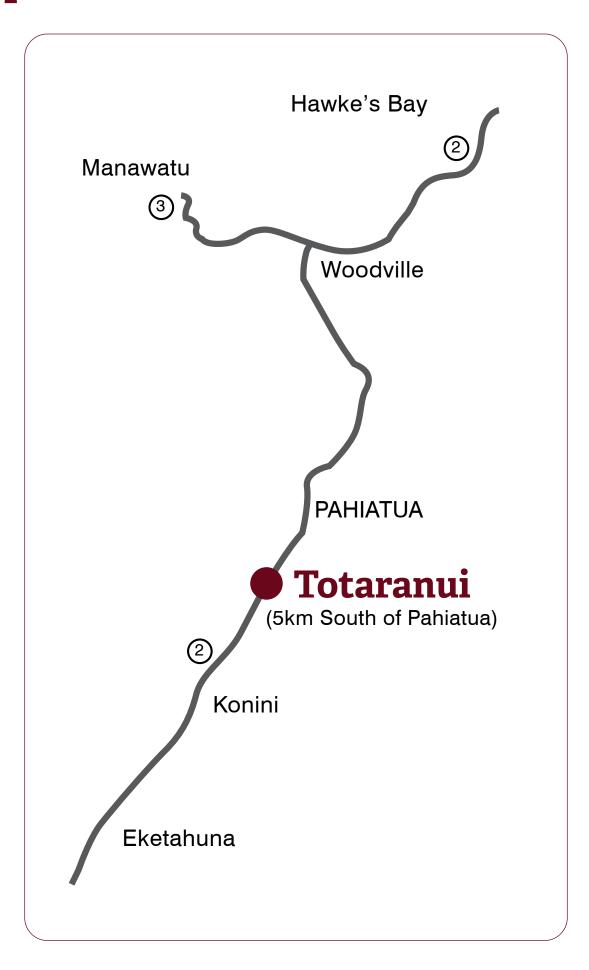
|      | Бу СОІ# |     |
|------|---------|-----|
| ld   | Mob     | Lot |
| U017 | А       | 1   |
| U037 | А       | 2   |
| U039 | А       | 3   |
| U204 | А       | 4   |
| U267 | Α       | 5   |
| U270 | А       | 6   |
| U243 | Α       | 7   |
| U036 | А       | 8   |
| U034 | Α       | 9   |
| U020 | А       | 10  |
| U224 | А       | 11  |
| U021 | Α       | 12  |
| U274 | А       | 13  |
| U215 | А       | 14  |
| U282 | А       | 15  |
| U264 | А       | 16  |
| U296 | А       | 17  |
| U256 | А       | 18  |
| U222 | А       | 19  |
| U325 | А       | 20  |
| U030 | В       | 21  |
| U003 | В       | 22  |
| U019 | В       | 23  |
| U208 | В       | 24  |
| U004 | В       | 25  |
| U032 | В       | 26  |
| U035 | В       | 27  |
| U245 | В       | 28  |
| U012 | В       | 29  |
| U024 | В       | 30  |
| U281 | А       | 31  |
| U206 | А       | 32  |
| U277 | А       | 33  |
| U233 | А       | 34  |
| U288 | А       | 35  |
| U056 | А       | 36  |
| U047 | А       | 37  |
| U305 | А       | 38  |
| U289 | А       | 39  |
| U058 | А       | 40  |
| U332 | А       | 41  |
| U329 | А       | 42  |
| U314 | А       | 43  |
| U326 | А       | 44  |
|      |         |     |

| I            | By Lot# |          |
|--------------|---------|----------|
| ld           | Mob     | Lot      |
| U303         | А       | 45       |
| U330         | А       | 46       |
| U352         | Α       | 47       |
| U257         | В       | 48       |
| U042         | В       | 49       |
| U007         | В       | 50       |
| U018         | В       | 51       |
| U069         | В       | 52       |
| U346         | В       | 53       |
| U009         | В       | 54       |
| U033         | В       | 55       |
| U065         | В       | 56       |
| U234         | В       | 57       |
| U027         | В       | 58       |
| U293         | В       | 59       |
| U295         | В       | 60       |
| U014         | В       | 61       |
| U068         | В       | 62       |
| U345         | В       | 63       |
| U291         | В       | 64       |
| U016         | В       | 65       |
| U015         | В       | 66       |
| U055         | В       | 67       |
| U350         | В       | 68       |
| U071         | В       | 69       |
| U044         | В       | 70       |
| U045         | В       | 71       |
| U290         | В       | 72       |
| U049         | В       | 73       |
| U337         | В       | 74       |
| U341         | В       | 75       |
| U011         | В       | 76       |
| U344         | В       | 77       |
| U059         | В       | 78       |
| U313         | В       | 79       |
| U057         | В       | 80       |
| U351         | В       | 81       |
| U074         | В       | 82       |
| U356         | В       | 83       |
| U331         | В       | 84       |
| U306         | В       | 85       |
| U043         | В       | 86       |
| U063<br>U348 | В       | 87<br>88 |
| U348         | D       | 00       |

|      | Бу Тадя |     |
|------|---------|-----|
| ld   | Mob     | Lot |
| U003 | В       | 22  |
| U004 | В       | 25  |
| U007 | В       | 50  |
| U009 | В       | 54  |
| U011 | В       | 76  |
| U012 | В       | 29  |
| U014 | В       | 61  |
| U015 | В       | 66  |
| U016 | В       | 65  |
| U017 | А       | 1   |
| U018 | В       | 51  |
| U019 | В       | 23  |
| U020 | Α       | 10  |
| U021 | А       | 12  |
| U024 | В       | 30  |
| U027 | В       | 58  |
| U030 | В       | 21  |
| U032 | В       | 26  |
| U033 | В       | 55  |
| U034 | А       | 9   |
| U035 | В       | 27  |
| U036 | А       | 8   |
| U037 | Α       | 2   |
| U039 | А       | 3   |
| U042 | В       | 49  |
| U043 | В       | 86  |
| U044 | В       | 70  |
| U045 | В       | 71  |
| U047 | Α       | 37  |
| U049 | В       | 73  |
| U055 | В       | 67  |
| U056 | А       | 36  |
| U057 | В       | 80  |
| U058 | А       | 40  |
| U059 | В       | 78  |
| U063 | В       | 87  |
| U065 | В       | 56  |
| U068 | В       | 62  |
| U069 | В       | 52  |
| U071 | В       | 69  |
| U074 | В       | 82  |
| U204 | Α       | 4   |
| U206 | Α       | 32  |
| U208 | В       | 24  |
|      |         |     |

| ld   | Mob | Lot |
|------|-----|-----|
| U215 | Α   | 14  |
| U222 | Α   | 19  |
| U224 | Α   | 11  |
| U233 | Α   | 34  |
| U234 | В   | 57  |
| U243 | Α   | 7   |
| U245 | В   | 28  |
| U256 | А   | 18  |
| U257 | В   | 48  |
| U264 | А   | 16  |
| U267 | Α   | 5   |
| U270 | А   | 6   |
| U274 | Α   | 13  |
| U277 | А   | 33  |
| U281 | Α   | 31  |
| U282 | Α   | 15  |
| U288 | Α   | 35  |
| U289 | Α   | 39  |
| U290 | В   | 72  |
| U291 | В   | 64  |
| U293 | В   | 59  |
| U295 | В   | 60  |
| U296 | Α   | 17  |
| U303 | Α   | 45  |
| U305 | Α   | 38  |
| U306 | В   | 85  |
| U313 | В   | 79  |
| U314 | Α   | 43  |
| U325 | Α   | 20  |
| U326 | Α   | 44  |
| U329 | Α   | 42  |
| U330 | А   | 46  |
| U331 | В   | 84  |
| U332 | А   | 41  |
| U337 | В   | 74  |
| U341 | В   | 75  |
| U344 | В   | 77  |
| U345 | В   | 63  |
| U346 | В   | 53  |
| U348 | В   | 88  |
| U350 | В   | 68  |
| U351 | В   | 81  |
| U352 | А   | 47  |
| U356 | В   | 83  |
|      |     |     |

#### Map



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