



# HAZELDEAN

LITCHFIELD

EST 1865



## **Hazeldean Autumn Bull Sale**

**80 Performance Bulls Thursday 5th May 2022**  
Hazeldean, Cooma NSW

*Open Day Tuesday 26th April*

**2022**



**HAZELDEAN**  
LITCHFIELD  
EST 1865

## Hazeldean Autumn Bull Sale 2022

*We welcome you to our 2022 Autumn Bull Sale. Our catalogue is comprehensive and detailed providing you with as much detail as possible to aid your selection. Photos and videos will be available on AuctionsPlus and inspections welcome at any time.*

- ★ Free delivery in VIC and NSW
- ★ Super sound; featuring sons of Hazeldean Magnum
- ★ Superior carcass and fertility
- ★ Excellent temperaments

**\*\*OPEN DAY TUESDAY 26TH APRIL\*\***

*Bulls will be available for inspection from 10am - 2pm*



**We will have a catch up dinner at the Alpine hotel in Cooma the night before the sale from 6.30pm. Please contact Jenni for bookings 0264535555**

# Hazeldean Autumn Bull Sale

**\*OPEN DAY TUESDAY 24TH APRIL\***

**SALE DAY THURSDAY 5TH MAY  
ON PROPERTY HAZELDEAN COOMA NSW  
Commencing at 1pm**

Inspection from 10.00am on sale day

## **Enquiries:**

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Bea Bradley Litchfield: 0427 933 103

Jim Litchfield: 0417 676 561

Hazeldean Office: 02 6453 5555

admin@hazeldean.com.au

## **Selling Agents:**

### **Nutrien Stud Stock**

Tim Woodham 0436 015 115

Damo Roach 0427 253 250

Gary Evans 0400 356 484



## **Phone Bidding**

Tim Woodham 0436 015 115

# 80 Performance Bulls



Account: Hazeldean Pty Ltd

ACN 000 012 760

ABN 33 000 012 760

## **Bull Deliveries**

Hazeldean offers free delivery to all parts of NSW and VIC. Outside these states we will get your bull to the nearest major centre.

## **Catering**

Lunch will be available prior to sale courtesy Cooma Pony Club. Please stay on for refreshments after the sale.

## **Agent Rebate**

A 2% rebate is offered to outside agents attending the sale to introduce and assist buyers.

To qualify, agents must:

- Introduce the client by email 12 hours prior to the sale;
- attend the sale with the client



**Sale will be interfaced with AuctionsPlus.**

**Videos & photos on-line 10 days prior to sale plus final weights at:**

**[www.hazeldean.com.au](http://www.hazeldean.com.au) & [www.auctionsplus.com.au](http://www.auctionsplus.com.au)**

**Register on-line prior to the sale @ [www.hazeldean.com.au](http://www.hazeldean.com.au)  
and we will have your bid card ready for you on the day**

## **Sale Day Safety**

**Visitors enter the pens at their own risk. Children under 16 years are not permitted to enter the pens unless supervised at all times.**

All care is taken to ensure livestock pose minimum threat to us and our clients. However, we cannot predict nor guarantee their behaviour. All sale bulls have been assessed for temperament and are quiet to handle under normal circumstances. Sale day places bulls under stresses that are foreign to their normal routine. They are not used to having a crowd of people around them and so the behaviour of even the quietest bull under normal circumstances can be unpredictable. Bulls may also fight in the pens and at these times they are oblivious to people who may be in their way. Do not put pressure on the bulls in the yards and do not enter the yards unless you need to. If you would like assistance with inspections, please ask any Hazeldean staff member or agent assisting with the sale.

**Be sure of a catalogue – Bring this one with you**

**Disclaimer** All reasonable care has been taken to ensure the information in this catalogue is correct at time of publication. The vendor makes no other representations about the accuracy, reliability or completeness of the information provided and does not assume any responsibility for the use or interpretation of the information.

## Welcome to Hazeldean

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Dear Clients,

Welcome to our first bull sale for 2022, the Hazeldean Autumn Bull Sale. We are thankful to be enjoying a huge season on the Monaro with a very wet start to the year. It has been a challenging time for the sheep but the cattle are thriving. All bulls have been run on improved pasture and have done exceptionally well and most will spend the last few weeks pre sale on oat crop.

The cattle market has also continued to be very buoyant with the EYCI above 1100c for well over 12 months with Angus maintaining their dominance in the market. Considering the strong season and market, strong herd rebuilding is a priority. We would like to take this opportunity to highlight the importance of fertility over any other trait. The ability of your herd to maximise conceptions is the most valuable aspect of your operation. As you will see, many of the bulls in this draft exhibit very strong maternal and fertility traits as result of our unwavering position on fertility first in our breeding program.

You will also notice that the indexes reported through Angus Australia TransTasman Angus Cattle Evaluation analysis have changed. Significant modifications have been applied to the calculation of all indexes via updating of parameters and the software used. Economic and production parameters used in the calculation of the indexes have been updated to reflect the current production systems and markets, replacing the old parameters that were last updated in December 2014. The BreedObject software used to calculate the indexes has also been updated with improvements in the modelling of; young animal growth, cow weight and condition throughout the year and carcass market specifications. The main message in a nutshell; more emphasis has been placed on mature cow weight EBVs within the indexes to better reflect the impact of increased cow weight of feed costs. As a result of these updates, the selection index values published on animals has changed considerably as has the spread in values. We encourage you to refer to the Angus Australia EBV reference table to get a good handle on where each animal sits for each trait or index.

Within the Hazeldean stud program we are also in a herd building phase. This year we have just over 1800 stud cows and 825 heifers to calve down. Our females are the backbone of our program and as we increase our herd size we ensure that our standards for inclusion in the stud are kept at the highest possible standards. Because we have a large cohort of calves each year we can put a lot of selection pressure on to ensure that only the best bulls make it through the auction to breed your cows and improve your herd.

This years sale draft for the Autumn has a solid focus on well put together young sires that have a good balance of figures, in particular strong fertility and maternal traits. There are a number of bulls that were used in our 2021 Spring joining program as yearlings which is highlighted in the notes within the catalogue. These guys are proven workers and have done well to get to sale condition on the back of spring joining.

We look forward to seeing you on sale day, please get in touch if you have any questions in the meantime.

All the best from Jim, Libby and Bea Litchfield, Ed Bradley and the Hazeldean team.

## Proven Genetic Performance

### **SELECT from a herd bred under commercial conditions.**

Hazeldean cattle are bred under commercial conditions and share their paddocks with sheep. The main breeding herd is located in the foothills of the Snowy Mountains with long cold winters, severe frost and a late spring. Hazeldean females are expected to re-breed before the Spring flush and as such are selected for high fertility under low nutrition levels. They are well-known for their hardiness and ability to thrive. Their hardiness suits northern conditions also where animals must work in the heat and be capable of storing energy quickly as body fat and not fall in a heap after calving. With experience in the south and the north we know these are the sort of cattle that will perform in both environments.

### **INVEST in a cow herd with TRUE depth of breeding**

The bulls bred at Hazeldean come from a 3500 strong female herd with unequalled depth of breeding spanning 60 years. Hazeldean cattle breed true to type and reflect their breeding heritage with uniform high performing calves that achieve premiums in all markets.

### **BOOST your herd's fertility**

Hazeldean Angus are renowned for high fertility, and good mothering to give consistent and superior reproductive performance. Selection pressure on females to breed a live calf every year from 2 years of age is strict and any female who fails to do so for any reason is "out".

### **ACHIEVE higher prices at the saleyards.**

Hazeldean blood animals command higher prices at market and are sought after by feedlotter and backgrounders.



## Hazeldean Breeding and Management

Established in 1927, Hazeldean Angus is part of Hazeldean Pty Ltd, a pastoral enterprise owned and operated by the Litchfield family of Cooma, NSW since 1865. Hazeldean provides the beef industry with large numbers of high quality, high performing stud and commercial Angus bulls. Seedstock and commercial beef production has been Hazeldean's business for over 150 years. The company understands genetics and what's important to run a successful commercial beef cattle operation.

The Hazeldean herd consists of 3500 commercial, APR and stud cattle, which are bred and grazed on the Monaro in southern NSW. Hazeldean cattle are renowned as being "good doing", hardy cattle that will thrive in any climate. The female herd has a reputation of exceptional fertility, lower than average birth weights, excellent calving ease, teamed with high growth and above average carcass.

Hazeldean's core business is providing functional, profitable bulls to the commercial beef industry and this means first of all maximizing the number of pregnancies and the number of live calves hitting the ground, building on that base rapid growth rates and on top of that superior carcass data. This is the basis of any successful breeding enterprise.

Hazeldean selects for quiet temperament in their breeding program and sire selection and their cattle have an enviable reputation of being exceptionally quiet and easy to manage. This shows in the docility EBV's of Hazeldean cattle. Temperament is highly heritable, it affects carcass quality, growth rate, and handling – any animal that shows bad temperament is culled.

### Stud & Performance History

The Hazeldean Angus herd was established in 1927, replacing a herd of primarily shorthorn cattle that had run on the property for many years. In 1952 the stud was founded with the purchase of in-calf heifers from six New Zealand studs. These heifers were specially selected for scale, length and docile temperament – traits that still remain important to the stud 60 years later. As the commercial herd was of a very high standard and as a means to fully utilize the foundation sire "Wallah Ottoman", a selection of top grade commercial females were selected to join the bull-producing herd. The strength of the Hazeldean herd has always been its ability to produce large numbers of high performing bulls with emphasis always on commercial reality.

In 1960 Hazeldean became one of the first beef seedstock producers anywhere in the world to embrace the concept of Performance testing and has continued to use accurate measured production in its selection and breeding programmes ever since. Hazeldean was the first beef herd in Australia to trial Breedplan and was later chosen as the site of the national launch in 1985. Hazeldean Angus is involved in carcass and feedlot performance trials and sire progeny testing programmes to identify the leading sires for profitability to the industry.

**Bull Sales** Around 500 bulls are sold each year by auction at selling centres located at "Hazeldean", Cooma, NSW (May & Sept), Drillham QLD (August) and Tamworth, NSW (August).

**Female Sales** Commercial females and select registered females are sold on-property at Hazeldean's annual Female Sale in Cooma in May.

**Semen Sales** Semen is available from Hazeldean's top sires. Contact Hazeldean or view our website [www.hazeldean.com.au](http://www.hazeldean.com.au)



## Hazeldean Breeding and Management

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### Management & Breeding Programme

The Hazeldean properties are extensive grazing properties suited to commercial beef production. The Hazeldean herd is run under strict commercial conditions with stud cows sharing their paddocks with sheep and only receiving supplementary feeding in drought. Hazeldean sources the most proven and high performing Angus sires and multiplies these genetics throughout the herd using their comprehensive (AI) and (ET) programme. Elite Hazeldean cows are flushed and used as donors in the ET programme.

The provision of bulls by a seedstock breeder to a commercial breeder must do five things. They are, in order of importance, as follows:

1. Serve cows effectively and efficiently so that the number of pregnancies in your herd is as high as it can be over a 6 week joining.
2. Produce daughters that are fertile at an early age, able to calve unassisted at 2 years of age and breed back every year thereafter.
3. Sire calves that grow quickly to reach maximum liveweight at the turnoff time targeted by the breeder.
4. Have sufficient constitution and athleticism to survive and breed effectively for a number of years.
5. Sire calves with valuable carcasses that maximise returns to the breeder and the processor for each kilogram of beef produced.

It is vital that these targets are met in this order for beef producers to make money out of beef cattle and this is the focus of the Hazeldean program.



## Purchasing a bull from Hazeldean

### Health

- ✓ Bulls are vaccinated for Pestivirus, Vibriosis and 7in1
- ✓ The Hazeldean herd maintains a JBAS 8 score.
- ✓ All sale bulls are thoroughly assessed by a bull fertility technician prior to sale which includes a full examination of reproductive organs, and semen tested. Animals displaying faults likely to interfere with a normal productive life are culled.

### Fertility

We recommend that you organise a pre-mating bull examination at least 6 weeks prior to joining to ensure that your bulls are in the best of health and capable of producing pregnancies. The procedure should include a serving ability test where the bull is observed serving a cow/heifer.

### Structural integrity

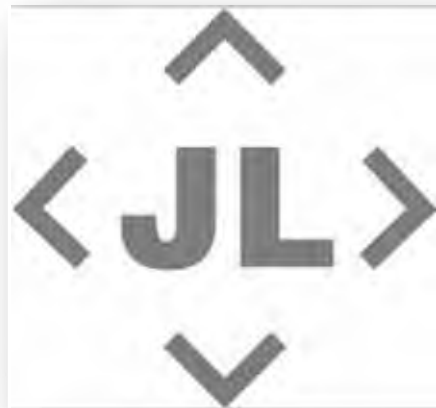
Hazeldean has an uncompromising approach to structural assessment. All Hazeldean bulls and females are annually assessed and those failing the assessment are culled. Before cataloguing, each animal is inspected by an independent assessor to ensure a high standard of structural correctness, particularly with regard to conformation, shoulders, legs and feet. (See Beef Class Structural Assessment System). Only animals that pass this rigorous inspection are entered for sale. No animal has received treatment to their feet.

### Temperament

All bulls have been assessed for temperament. Any animals displaying aggressive or dangerous behaviour is culled immediately.

### Semen Terms & Conditions

Hazeldean retains semen rights on all bulls unless otherwise agreed upon, according to Hazeldean Semen Terms and Conditions. See back of catalogue for details.



Bulls are freeze branded on the near side rump with the Hazeldean brand and their number.

## Our Guarantee and Replacements, Refunds, Credits

Although we do our very best to ensure every bull we catalogue sees out many years of good service, occasionally premature breakdowns occur. In this event we guarantee unconditionally all bulls for 12 months from purchase and further if poor reproduction results from a genetic defect we were unaware of pre-sale. Our policy is to look after the people who look after us so if there is a problem please let us know. To resolve the issue of a bull breakdown we will work with you to achieve the best outcome for your breeding enterprise. In the instance of a bull breaking down during the breeding season we will endeavour to find a replacement and get him to you ASAP. If you are able to cover the breakdown with a spare, then we will either offer a replacement at a later date or issue a credit equivalent to the purchase price of the original bull that you can use at a future sale.

## Animal Health

Although Hazeldean employs best practice procedures in livestock husbandry and does its best to ensure every animal catalogued for sale is free from disease, internal parasites and external parasites, it does not guarantee that any sale animal is free of disease, internal parasites or external parasites.



## Beef Class Structural Assessment System

**Structural problems in cattle have a substantial effect on both the reproductive and growth performance of a beef herd. It is widely recognised that structural problems in sires have detrimental effects on conception rates, calving patterns and thus profitability.**

Similarly, females with inadequate structural characteristics are more prone to weaning lighter calves or conceiving later in the breeding season than their more functional counterparts. These structural problems are filtered through the supply chain resulting in reduced income for the producer, feedlot and thus reducing the overall productivity of the Australian Beef Industry.

Over the past decade, use of the Beef Class Structural Assessment System in the seedstock industry has produced a marked improvement in herds which have shown commitment to using the information appropriately. Through these dedicated breeders, there has been a flow on affect of structural improvement throughout all sectors of the beef cattle industry.

Liam Cardile of 'BEEFXCEL' structurally assesses many of the leading seedstock herds in Australia. 'BEEFXCEL' is not involved in any genetic marketing or specific breeding advice and therefore has no conflict of interests to influence their stock appraisal. The integrity of the structural data provided by 'BEEFXCEL' is recognised throughout the industry as Liam is a fully INDEPENDENT assessor.

### Hazeldean Structural Program

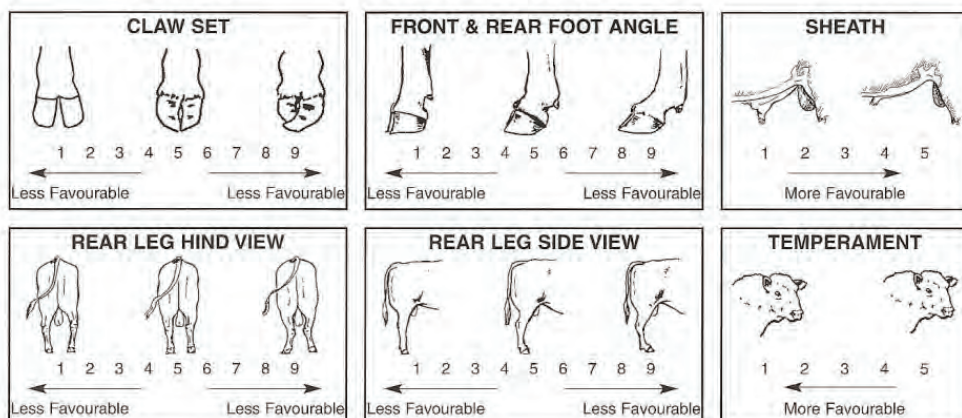
The Hazeldean Sale Bulls have been independently structurally assessed to maximise the quality of stock on offer. Any animals deemed inadequate have been removed from the sale draft.

The Hazeldean sale bulls were assessed by Liam Cardile of BEEFXCEL. In addition to annual bull assessments, Hazeldean has recently completed a full female herd assessment program. An ongoing program of assessing first calving females during lactation also helps to further strengthen the structural soundness of the entire Hazeldean breeding herd.

### How to use The Beef Class Structural Assessment System

The Beef Class Structural Assessment System uses a 1- 9 scoring system

- A score of 5 is ideal. (Note: Temperament Score of 1 is preferable)
- A score of 4 or 6 shows slight variation from ideal, but this includes most animals. An animal scoring 4 or 6 would be acceptable in any breeding program.
- A score of 3 or 7 shows greater variation but would be acceptable in most commercial programs. However, seedstock producers should be vigilant and understand that this score indicates greater variation from ideal.
- A score of 2 or 8 are low scoring animals and should be looked closely before purchasing.
- A score of 1 or 9 should not be catalogued and are considered culls.



Liam Cardile – Beef Xcel – 0409 572 570

## Looking after your new Hazeldean bull

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Bulls are like us. Some settle easily in to a new location - others don't. Here are a few pointers to help your new bull/s settle in.

Bulls are social animals and there is a hierarchy within each mob. Usually we have around 4 mobs of bulls for any one sale. If bulls are purchased from different mobs and put together they will very likely fight to sort out who's "boss". If you buy more than one bull, find out from us at the end of the sale what mobs are represented in your purchases and we can tell you whether you are likely to experience fighting when we get them home for you.

When the bull/s arrive at your home, let them settle in by leaving them in the yards overnight and observe how they are reacting to their new home. Give them fresh water and good quality hay. If they are fighting you might have to split them, depending on how serious it is. Two bulls fighting is often less of a concern than 3 bulls fighting as sometimes the third bull will broadside one of the bulls locked in battle and serious injury can result. If you have purchased only one bull, then find a mate or two for him straight away. If you have bought multiple bulls from a number of different management groups or studs it is often better to put them all together at once. Introducing new bulls into a mob one at a time can lead to the new bull being given a very hard time indeed by his contemporaries. Sometimes a young bull will team up with a bigger older bull but often it should be one or two cows or steers. Bulls left on their own are much more likely to jump or push through fences and be unsettled and once they get into the habit are hard to stop.

We do not use dogs on our cattle so your new bull might react strangely if you use a dog. In all instances read the body language of your new bull/s and take appropriate action. Sometimes this might involve a stint in the yards, other times it might be better to let them into a paddock straight away with one or two cows. The added advantage of running them with cows is that it will help them develop immunity to foreign bugs they may not have previously encountered well before the breeding season. Whatever the circumstances, do not take the view that everything will be fine because sometimes it isn't and each bull will be different. For further advice please do not hesitate to call us.

Your new bull will be up to date with vaccine and parasite treatment at the time of sale however a booster vaccination should be given annually including Vibriosis, Pestivirus and 7 in 1. These vaccinations can be given anytime to fit in with your normal management routine however 4 to 6 weeks before mating is a good time and this also gives you a chance to inspect all your bulls and establish their general soundness before the breeding season.

Prior to mating a breeding soundness evaluation of all the bulls you own is a good idea. You may wish to undertake this yourself or get a vet to do it for you. Bulls should be assessed for reproductive soundness including palpation and measuring of the testicles. Testes should be at least 32 cm in circumference and tennis ball firm, not hard or soft. They should be symmetrical and free from abnormal lumps and bumps. The epididymus at the base of the testicle should not be enlarged or irregular and the cords at the top of the testicle also free of lumps. It is a good idea to observe your bull's actual physical prowess in a serving ability test. When a bull is mounting a cow he must thrust and complete a service fully before he can be given a tick. Stand to the right and to the rear of the bull and check for corkscrew penis. Corkscrew penis is a condition where the end of the penis spirals preventing entry into the vagina. Corkscrew penis will always deviate to the right side of the cow. Also check the bull for muscle tremor, muscle wastage, lameness, favouring of one hind leg or any other indication he may be unsound. Look for other indicators - unevenly grown hind toes can be a sign of hip problems for instance.

Once your bulls have passed through all these hoops they are ready for joining however do not think that you can now take your eye off the ball (so to speak) because during joining an injury is even more likely to occur, or a long standing problem resurface, due to the workload. Inspect your bulls twice a week at close proximity. Look for the same things you observed in your pre joining check. When you have passed the first 3 weeks of joining make sure there are not large numbers of cows cycling. Even if your bull is serving well and normally there is always a small risk he may be infertile due to poor quality sperm. This may be a temporary or permanent problem. If you are in any doubt replace the bull with another.

It is important to remember that the fundamental profit driver in a beef enterprise is reproduction. It is therefore vital to spend time making sure your bulls are working properly.

During the non-breeding season DO NOT LET YOUR BULLS GET FAT!! Bulls will last longer, have fewer feet problems and will be more agile and virile generally if they are not overweight. The best mature bull paddock is often your worst paddock. Young bulls may need a better paddock as they are still growing.

At the 6 week pre joining check-up, move all bulls to better paddocks to start lifting them before mating.

If you are in any doubt as to the soundness of your bull/s, or what you should be doing or looking for, please call us.

*Jim Litchfield*

## Understanding EBV's

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**Group Breedplan analyses the growth and production attributes of beef cattle and provides predictions of the genetic merit of individual animals called Estimated Breeding Values (EBV's).**

Breedplan is logical and straight forward and provides the only solution to the otherwise impossible task of weighing up individual bull performance and adjusting for pedigree and the performance of brothers and sisters. It gives the correct weighting to all available information and then gives a value and accuracy level for each trait measured. The higher the accuracy percentage, the more confidence you can have in the figure. Without any figures selection becomes guess work. EBV's are shown as +ve or -ve differences from the breed base. The average EBV's for traits change over time as the breed makes genetic progress. The breed average EBV's provide a useful benchmark for comparisons of EBV's for individual animals.

The following is a brief explanation of the figures and what to look for. Remember, all the figures are calculated from the animal's individual performance AND the performance of its relatives that have also been measured or weighed. This is important as it improves the accuracy of the predicted performance of the bull you purchase. For example, if the bull you purchased was light for birth weight, yet one of its parents was heavy at birth, there is a fair chance that some of your bull's calves will inherit the grandparent's high birth weight. Breedplan works out the likelihood of this occurring and includes it in the estimated figure. The same applies to all other measured traits.

### **CALVING EASE** **Calving Ease (CE)**

Appears on sires only and is self explanatory to a large extent. CE (DIR) is Calving Ease direct and refers to the amount of calving difficulty you can expect from this bull directly from the cows he is joined to. CE (DTRS) is Calving Ease daughters and refers to the amount of calving difficulty you can expect from his daughters. **A plus figure in both instances is good.**

### **Gestation Length (GL)**

Some cattle have shorter pregnancies than normal and some longer pregnancies. As growth starts from conception, generally a bull with short gestation length EBV will sire smaller calves at birth than one with a longer gestation length EBV. It also means that the cow has more time to recover from calving to get back in calf for next year. **A negative figure here is good.**

### **Birthweight (BWT)**

Birthweight generally applies mostly to those looking for a heifer bull. Generally at Hazeldean we get a little nervy when we go much above +4.5 for our own heifer joining, although some areas seem to be able to tolerate more birthweight than we can on the Monaro. Even if you are not looking for a heifer bull, keep in mind that a bull with a big birthweight will sire heifer calves and you may run into problems when his daughters calve down. In a well designed program, birthweight EBV should be able to gradually increase as the size of your heifers at 2 years of age increases through selection for improved growth rate.

**A low figure here is good**, especially over heifers, but be careful that it does not get so low that calf mortality starts to increase. Also, you should challenge your heifers to be able to handle higher birthweights, otherwise calving ease will go the wrong way.

### **GROWTH & MATERNAL**

#### **200, 400 & 600 Day Growth**

These figures indicate the sort of weight differences you can expect from the progeny of these bulls (as an average) at 200, 400 and 600 days of age. In other words, if you have two bulls and for 600 Day weight one is +70 and the other is +80, you could expect the bull who is +80 to sire calves that would average 5kgs more bodyweight (as the sire provides half the genes to the calf, that is 10kg divided by 2) at 600 days than the bull who is +70. **A plus figure in all areas is good**, relative to your production, provided birthweight does not get out of control.

#### **Mature Cow Weight**

Provides an estimate of the genetic differences between animals in cow weight at 5 years of age. Obviously smaller cows have less maintenance requirements and those that can still wean heavy calves are valuable however remember there is a high negative correlation between low Mature Cow Weight and growth meaning selection for this trait can put pressure on growth rate of progeny. More efficient "easy-care" cows have a MCW lower than their 600 DWT and we select for this.

## Understanding EBV's

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### Milk

Milk is the figure that most people find hardest to understand. How can you work out how much milk an animal is capable of producing in its offspring with out actually milking them and measuring the quantity? Milk is obviously an important consideration especially for those beef producers turning calves straight off their mothers. Too much of a good thing can lead to udder problems and also result in failure to get back in calf early, especially if a really good milker hits a tight Spring. There are some cows that will milk well and yet still retain enough body condition to start cycling soon after calving. They are obviously very desirable. **A plus figure here is good** but beware of the problems associated with extreme production.

### FERTILITY

#### Scrotal Size (SS)

There is a strong correlation between scrotal size and both male and female fertility. Bulls with big testicles generally sire more fertile daughters. You may notice a discrepancy between scrotal size on sale day and the EBV. This is because testicles, like just about everything else, grow at different rates in different bulls and rankings will therefore change. As with all Breedplan analysis, information on relatives also has an effect. The measurement for the EBV was taken at the same time as we started to program the heifers for their AI program back in early September. The reason we did this was to identify those bulls who failed to reach sexual maturity at the minimum age we want our heifers to be cycling. We cull all bulls who fail to reach a minimum of 30cm at 12 months of age as these animals, if allowed to go through into the sale group, will be more likely to breed heifers who will not get in calf early. **A plus figure here is good.**

#### Days to Calving (DC)

This figure only appears on sires and is an indication of the time taken for his daughters to get back in calf after calving. Some cows take longer to return to their normal heat cycle after calving than others. Those that recover quickly and need fewer days before they get back in calf are obviously more worthwhile having around. **A minus figure here is good.**

### CARCASE

#### Carcase weight (CWT)

Carcase weight refers to the difference you can expect in the weight of this bull's steer progeny when slaughtered at 650 days of age. Remember that this is an EBV and therefore the actual contribution of this trait to the bull's offspring is half of the number published. This is because only half of any animal's genes come from the sire. The other half comes from the mother. **A high figure is good.**

#### Eye Muscle Area (EMA)

This trait is measured by ultrasound when the bulls are approximately 15-18 months old. As muscling is consistent throughout the body, EMA is a good indicator of overall muscle content when the measurement is taken and analysed in the light of total body weight. It is actually impossible to have an animal with more meat in his hindquarter than in his forequarter, or vice versa. Many years ago, Professor Rex Butterfield dissected numerous carcasses from many breeds to prove that as a proportion of total muscle weight, almost exactly the same amounts of muscle were found in various parts of the animal regardless of breed or physical appearance. Despite general opinion to the contrary, it has been recently proven that increased muscle is not linked to poor fertility or calving difficulty. **A plus figure here is good.**

#### Fat Depth – Rib & Rump

Also calculated from ultrasound measurement, high fat depth EBV's will mean bulls that leave fatter carcasses and lower lean meat yield. However, recent research has shown that bulls that are positive for fat generally sire more fertile daughters than those that are negative, all other things being equal. Care has to be taken, therefore, not to select poorer types that lack doing ability and constitution resulting in low fertility. This EBV needs to be kept in balance and **extremes of plus or minus should be avoided.**

#### Retail Beef Yield (RBY%)

This figure is calculated to give you the expected amount of retail beef as a percentage of the total carcass weight in a 300 kg carcass sired by this bull. Again you need to understand that as animals receive half their genes from their mother and half from their father, this figure needs to be divided by two to ascertain just how much is a result of the bull's influence.

## Understanding EBV's

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### **Intramuscular Fat- Marbling (IMF%)**

As abattoir data is always slow, there are big benefits in measuring live cattle. The Animal Genetics and Breeding Unit (AGBU) at Armidale with Meat Research has been researching marbling scanning since 1996 and has come up with some very Corporation, CRC and Breed Society support encouraging results for genetic evaluation. IMF% and actual marble score are reasonably well correlated and therefore selection on IMF% will improve marbling. To further improve accuracy, the figure or IMF% calculated by Breedplan also includes abattoir data and overseas EPD data, as well as ultrasound. The US data on marbling is generated purely from abattoir carcase information.

**A plus figure here is good.**

### **\$ Index Values**

There are currently four selection indexes calculated for animals within the Angus BREEDPLAN analysis. The Angus Breeding Index is a general purpose selection index that is suitable for use in the majority of commercial beef operations, whereas the Domestic, Heavy Grain and Heavy Grass selection indexes are specific to beef operations targeting a defined production system and market endpoint.

**Angus Breeding Index** - estimates the genetic differences between animals in net profitability per cow joined in a typical commercial self replacing herd using Angus bulls. This selection index is not specific to a particular production system or market end-point, but identifies animals that will improve overall profitability in the majority of commercial grass and grain finishing beef production systems. The index is particularly suited to commercial producers who sell progeny into different markets, or to seedstock producers supplying bulls to commercial clients who produce for a range of different production systems and market end points.

**Domestic Index** - estimates the genetic differences between animals in net profitability per cow joined in a commercial self replacing herd targeting the domestic supermarket trade, with progeny finished using either grass, grass supplemented by grain or grain finishing systems.

**Heavy Grain Index** - estimates the genetic differences between animals in net profitability per cow joined in a commercial self replacing herd targeting pasture grown steers with a 200 day feedlot finishing period for the grain fed high quality, highly marbled markets.

**Heavy Grass Index** - estimates the genetic differences between animals in net profitability per cow joined in a commercial self replacing herd targeting pasture finished heavy steers. Further information regarding each selection index is available from [www.angusaustralia.com.au](http://www.angusaustralia.com.au)

**Trial Docility** - This EBV is expressed as the difference in the percentage of progeny that will be scored with acceptable temperament. **Higher scores are more favourable.** For example, a bull with an EBV of +20 would be expected to on average produce 15% more progeny with acceptable temperament than a bull with an EBV of -10.

### **Heritability of Traits**

Some traits are more likely to be inherited than others. The most **highly heritable traits** (over 35%) are: birthweight, 600 day weight, mature cow weight, scrotal size, rump fat, retail beef yield and docility. Traits of **medium heritability**, (20 -30%) are gestation length, eye muscle area, rib fat and 200 & 400 day weight and those with the **lowest heritability**, (less than 20%) are days to calving, calving ease and milk.

The team at Hazeldean systematically collect as accurately as possible all the required information that is then submitted to Breedplan for analysis. Every calf is tagged and weighed at birth, again at 200 days, 400 days and 600 days. Every animal is scanned for carcase data, all male animals have testicles measured at 400 days and structural and docility assessments are done by an independent assessor (Liam Cardile from BeefXcel).



# TransTasman Angus Cattle Evaluation - Mid March 2022 Reference Tables



BREED AVERAGE EBVs																															
Calving Ease				Birth				Growth				Fertility				Carcase				Other				Structure				Selection Indexes			
CEDir	CEDirs	GL	BW	200	400	600	MCW	Milk	SS	SS	DTC	CWT	EMA	RIB	P8	RBV	IMF	NF-F	DOC	Angle	Claw	\$A	\$A-L								
Brd Avg	+2.3	+2.6	-4.7	+4.1	+50	+89	+117	+101	+18	+2.1	-4.7	+66	+6.2	+0.0	-0.4	+0.5	+2.1	+0.19	+7	+0.97	+0.85	+194	+336								

\* Breed average represents the average EBV of all 2020 drop Australian Angus and Angus-influenced seedstock animals analysed in the Mid March 2022 TransTasman Angus Cattle Evaluation.

PERCENTILE BANDS TABLE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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Less	More	Calving	Difficulty	Lighter	Heavier	Live	Weight	Lighter	Mature	Weight	MCW	Lighter	Live	Weight	Lighter	Scrotal	Size	Longer	Calving	Time to	Lighter	Carcase	Weight	Smaller	EMA	Less	Fat	Higher	Yield	Less	IMF	Lower	Feed	Efficiency	Less	Docile	Less	Sound	More	Angle	Claw	\$A	Greater	Profitability																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
1%	+11.0	+9.9	-10.6	-0.1	+68	+120	+160	+157	+28	+4.6	-9.9	+93	+12.7	+3.5	+2.9	+4.6	-0.55	+36	+0.60	+0.44	+452	+279	+452	+279	5%	+9.1	+8.2	-8.7	+1.2	+62	+110	+146	+138	+25	+3.7	-8.3	+84	+10.7	+2.3	+2.1	+3.8	-0.33	+27	+0.70	+0.56	+421	+255	+421	+255	10%	+8.0	+7.3	-7.8	+1.9	+59	+105	+139	+129	+23	+3.3	-7.5	+80	+9.5	+1.7	+1.6	+3.4	-0.21	+22	+0.76	+0.62	+404	+243	+404	+243	15%	+7.1	+6.5	-7.2	+2.4	+57	+102	+134	+123	+22	+3.0	-6.9	+77	+8.7	+1.4	+1.2	+3.2	-0.13	+19	+0.80	+0.66	+392	+234	+392	+234	20%	+6.4	+5.9	-6.7	+2.7	+56	+100	+131	+118	+21	+2.8	-6.5	+75	+8.2	+1.1	+0.9	+3.0	-0.07	+17	+0.84	+0.70	+382	+227	+382	+227	25%	+5.8	+5.4	-6.3	+3.0	+54	+97	+128	+115	+20	+2.7	-6.1	+74	+7.7	+0.9	+0.6	+2.8	-0.02	+15	+0.86	+0.72	+374	+221	+374	+221	30%	+5.1	+4.9	-5.9	+3.2	+53	+96	+125	+111	+20	+2.5	-5.8	+72	+7.3	+0.7	+0.4	+2.6	+0.03	+13	+0.88	+0.74	+367	+216	+367	+216	35%	+4.6	+4.5	-5.6	+3.5	+52	+94	+123	+108	+19	+2.4	-5.5	+71	+7.0	+0.5	+0.2	+2.5	+0.07	+12	+0.90	+0.78	+360	+211	+360	+211	40%	+4.0	+4.0	-5.3	+3.7	+51	+92	+121	+106	+19	+2.3	-5.2	+69	+6.6	+0.3	+0.0	+2.3	+0.11	+10	+0.92	+0.80	+353	+206	+353	+206	45%	+3.4	+3.5	-5.0	+3.9	+50	+91	+119	+103	+18	+2.1	-5.0	+68	+6.3	+0.1	-0.2	+2.2	+0.15	+9	+0.94	+0.82	+347	+201	+347	+201	50%	+2.9	+2.9	-4.7	+4.1	+50	+89	+116	+100	+17	+2.0	-4.7	+66	+6.0	+0.0	-0.4	+2.1	+0.18	+7	+0.96	+0.84	+341	+197	+341	+197	55%	+2.3	+2.6	-4.4	+4.3	+49	+88	+114	+98	+17	+1.9	-4.4	+65	+5.8	-0.2	-0.6	+1.9	+0.22	+6	+0.98	+0.86	+334	+192	+334	+192	60%	+1.6	+2.1	-4.1	+4.5	+48	+86	+112	+95	+16	+1.8	-4.2	+64	+5.5	-0.3	-0.7	+1.8	+0.26	+4	+1.00	+0.88	+327	+187	+327	+187	65%	+1.0	+1.5	-3.8	+4.7	+47	+85	+110	+92	+16	+1.7	-3.9	+62	+5.2	-0.5	-0.9	+1.7	+0.30	+3	+1.02	+0.92	+320	+182	+320	+182	70%	+0.2	+0.9	-3.5	+5.0	+46	+83	+108	+90	+15	+1.6	-3.6	+61	+4.9	-0.7	-1.1	+1.6	+0.35	+1	+1.06	+0.94	+313	+177	+313	+177	75%	-0.6	+0.3	-3.1	+5.2	+45	+81	+105	+86	+15	+1.4	-3.3	+59	+4.5	-0.9	-1.4	+1.4	+0.40	-1	+1.08	+0.96	+304	+171	+304	+171	80%	-1.6	-0.5	-2.8	+5.5	+43	+79	+102	+83	+14	+1.3	-2.9	+58	+4.2	-1.1	-1.6	+1.3	+0.45	-2	+1.10	+1.00	+294	+164	+294	+164	85%	-2.7	-1.4	-2.3	+5.8	+42	+77	+99	+79	+13	+1.1	-2.5	+55	+3.7	-1.4	-1.9	+1.1	+0.52	-5	+1.14	+1.04	+282	+155	+282	+155	90%	-4.3	-2.6	-1.7	+6.3	+40	+74	+94	+73	+12	+0.9	-2.0	+53	+3.1	-1.7	-2.3	+0.9	+0.60	-8	+1.18	+1.10	+265	+144	+265	+144	95%	-6.7	-4.5	-0.8	+6.9	+37	+69	+88	+64	+10	+0.6	-1.0	+48	+2.3	-2.2	-2.9	+0.5	+0.73	-12	+1.26	+1.16	+238	+124	+238	+124	99%	-11.9	-8.5	+1.2	+8.3	+31	+59	+73	+46	+7	-0.2	+0.9	+39	+0.3	-3.2	-4.1	+0.0	+0.97	-20	+1.40	+1.32	+82	+82	+82	+82
5%	+9.1	+8.2	-8.7	+1.2	+62	+110	+146	+138	+25	+3.7	-8.3	+84	+10.7	+2.3	+2.1	+3.8	-0.33	+27	+0.70	+0.56	+421	+255	+421	+255	10%	+8.0	+7.3	-7.8	+1.9	+59	+105	+139	+129	+23	+3.3	-7.5	+80	+9.5	+1.7	+1.6	+3.4	-0.21	+22	+0.76	+0.62	+404	+243	+404	+243	15%	+7.1	+6.5	-7.2	+2.4	+57	+102	+134	+123	+22	+3.0	-6.9	+77	+8.7	+1.4	+1.2	+3.2	-0.13	+19	+0.80	+0.66	+392	+234	+392	+234	20%	+6.4	+5.9	-6.7	+2.7	+56	+100	+131	+118	+21	+2.8	-6.5	+75	+8.2	+1.1	+0.9	+3.0	-0.07	+17	+0.84	+0.70	+382	+227	+382	+227	25%	+5.8	+5.4	-6.3	+3.0	+54	+97	+128	+115	+20	+2.7	-6.1	+74	+7.7	+0.9	+0.6	+2.8	-0.02	+15	+0.86	+0.72	+374	+221	+374	+221	30%	+5.1	+4.9	-5.9	+3.2	+53	+96	+125	+111	+20	+2.5	-5.8	+72	+7.3	+0.7	+0.4	+2.6	+0.03	+13	+0.88	+0.74	+367	+216	+367	+216	35%	+4.6	+4.5	-5.6	+3.5	+52	+94	+123	+108	+19	+2.4	-5.5	+71	+7.0	+0.5	+0.2	+2.5	+0.07	+12	+0.90	+0.78	+360	+211	+360	+211	40%	+4.0	+4.0	-5.3	+3.7	+51	+92	+121	+106	+19	+2.3	-5.2	+69	+6.6	+0.3	+0.0	+2.3	+0.11	+10	+0.92	+0.80	+353	+206	+353	+206	45%	+3.4	+3.5	-5.0	+3.9	+50	+91	+119	+103	+18	+2.1	-5.0	+68	+6.3	+0.1	-0.2	+2.2	+0.15	+9	+0.94	+0.82	+347	+201	+347	+201	50%	+2.9	+2.9	-4.7	+4.1	+50	+89	+116	+100	+17	+2.0	-4.7	+66	+6.0	+0.0	-0.4	+2.1	+0.18	+7	+0.96	+0.84	+341	+197	+341	+197	55%	+2.3	+2.6	-4.4	+4.3	+49	+88	+114	+98	+17	+1.9	-4.4	+65	+5.8	-0.2	-0.6	+1.9	+0.22	+6	+0.98	+0.86	+334	+192	+334	+192	60%	+1.6	+2.1	-4.1	+4.5	+48	+86	+112	+95	+16	+1.8	-4.2	+64	+5.5	-0.3	-0.7	+1.8	+0.26	+4	+1.00	+0.88	+327	+187	+327	+187	65%	+1.0	+1.5	-3.8	+4.7	+47	+85	+110	+92	+16	+1.7	-3.9	+62	+5.2	-0.5	-0.9	+1.7	+0.30	+3	+1.02	+0.92	+320	+182	+320	+182	70%	+0.2	+0.9	-3.5	+5.0	+46	+83	+108	+90	+15	+1.6	-3.6	+61	+4.9	-0.7	-1.1	+1.6	+0.35	+1	+1.06	+0.94	+313	+177	+313	+177	75%	-0.6	+0.3	-3.1	+5.2	+45	+81	+105	+86	+15	+1.4	-3.3	+59	+4.5	-0.9	-1.4	+1.4	+0.40	-1	+1.08	+0.96	+304	+171	+304	+171	80%	-1.6	-0.5	-2.8	+5.5	+43	+79	+102	+83	+14	+1.3	-2.9	+58	+4.2	-1.1	-1.6	+1.3	+0.45	-2	+1.10	+1.00	+294	+164	+294	+164	85%	-2.7	-1.4	-2.3	+5.8	+42	+77	+99	+79	+13	+1.1	-2.5	+55	+3.7	-1.4	-1.9	+1.1	+0.52	-5	+1.14	+1.04	+282	+155	+282	+155	90%	-4.3	-2.6	-1.7	+6.3	+40	+74	+94	+73	+12	+0.9	-2.0	+53	+3.1	-1.7	-2.3	+0.9	+0.60	-8	+1.18	+1.10	+265	+144	+265	+144	95%	-6.7	-4.5	-0.8	+6.9	+37	+69	+88	+64	+10	+0.6	-1.0	+48	+2.3	-2.2	-2.9	+0.5	+0.73	-12	+1.26	+1.16	+238	+124	+238	+124	99%	-11.9	-8.5	+1.2	+8.3	+31	+59	+73	+46	+7	-0.2	+0.9	+39	+0.3	-3.2	-4.1	+0.0	+0.97	-20	+1.40	+1.32	+82	+82	+82	+82																									
10%	+8.0	+7.3	-7.8	+1.9	+59	+105	+139	+129	+23	+3.3	-7.5	+80	+9.5	+1.7	+1.6	+3.4	-0.21	+22	+0.76	+0.62	+404	+243	+404	+243	15%	+7.1	+6.5	-7.2	+2.4	+57	+102	+134	+123	+22	+3.0	-6.9	+77	+8.7	+1.4	+1.2	+3.2	-0.13	+19	+0.80	+0.66	+392	+234	+392	+234	20%	+6.4	+5.9	-6.7	+2.7	+56	+100	+131	+118	+21	+2.8	-6.5	+75	+8.2	+1.1	+0.9	+3.0	-0.07	+17	+0.84	+0.70	+382	+227	+382	+227	25%	+5.8	+5.4	-6.3	+3.0	+54	+97	+128	+115	+20	+2.7	-6.1	+74	+7.7	+0.9	+0.6	+2.8	-0.02	+15	+0.86	+0.72	+374	+221	+374	+221	30%	+5.1	+4.9	-5.9	+3.2	+53	+96	+125	+111	+20	+2.5	-5.8	+72	+7.3	+0.7	+0.4	+2.6	+0.03	+13	+0.88	+0.74	+367	+216	+367	+216	35%	+4.6	+4.5	-5.6	+3.5	+52	+94	+123	+108	+19	+2.4	-5.5	+71	+7.0	+0.5	+0.2	+2.5	+0.07	+12	+0.90	+0.78	+360	+211	+360	+211	40%	+4.0	+4.0	-5.3	+3.7	+51	+92	+121	+106	+19	+2.3	-5.2	+69	+6.6	+0.3	+0.0	+2.3	+0.11	+10	+0.92	+0.80	+353	+206	+353	+206	45%	+3.4	+3.5	-5.0	+3.9	+50	+91	+119	+103	+18	+2.1	-5.0	+68	+6.3	+0.1	-0.2	+2.2	+0.15	+9	+0.94	+0.82	+347	+201	+347	+201	50%	+2.9	+2.9	-4.7	+4.1	+50	+89	+116	+100	+17	+2.0	-4.7	+66	+6.0	+0.0	-0.4	+2.1	+0.18	+7	+0.96	+0.84	+341	+197	+341	+197	55%	+2.3	+2.6	-4.4	+4.3	+49	+88	+114	+98	+17	+1.9	-4.4	+65	+5.8	-0.2	-0.6	+1.9	+0.22	+6	+0.98	+0.86	+334	+192	+334	+192	60%	+1.6	+2.1	-4.1	+4.5	+48	+86	+112	+95	+16	+1.8	-4.2	+64	+5.5	-0.3	-0.7	+1.8	+0.26	+4	+1.00	+0.88	+327	+187	+327	+187	65%	+1.0	+1.5	-3.8	+4.7	+47	+85	+110	+92	+16	+1.7	-3.9	+62	+5.2	-0.5	-0.9	+1.7	+0.30	+3	+1.02	+0.92	+320	+182	+320	+182	70%	+0.2	+0.9	-3.5	+5.0	+46	+83	+108	+90	+15	+1.6	-3.6	+61	+4.9	-0.7	-1.1	+1.6	+0.35	+1	+1.06	+0.94	+313	+177	+313	+177	75%	-0.6	+0.3	-3.1	+5.2	+45	+81	+105	+86	+15	+1.4	-3.3	+59	+4.5	-0.9	-1.4	+1.4	+0.40	-1	+1.08	+0.96	+304	+171	+304	+171	80%	-1.6	-0.5	-2.8	+5.5	+43	+79	+102	+83	+14	+1.3	-2.9	+58	+4.2	-1.1	-1.6	+1.3	+0.45	-2	+1.10	+1.00	+294	+164	+294	+164	85%	-2.7	-1.4	-2.3	+5.8	+42	+77	+99	+79	+13	+1.1	-2.5	+55	+3.7	-1.4	-1.9	+1.1	+0.52	-5	+1.14	+1.04	+282	+155	+282	+155	90%	-4.3	-2.6	-1.7	+6.3	+40	+74	+94	+73	+12	+0.9	-2.0	+53	+3.1	-1.7	-2.3	+0.9	+0.60	-8	+1.18	+1.10	+265	+144	+265	+144	95%	-6.7	-4.5	-0.8	+6.9	+37	+69	+88	+64	+10	+0.6	-1.0	+48	+2.3	-2.2	-2.9	+0.5	+0.73	-12	+1.26	+1.16	+238	+124	+238	+124	99%	-11.9	-8.5	+1.2	+8.3	+31	+59	+73	+46	+7	-0.2	+0.9	+39	+0.3	-3.2	-4.1	+0.0	+0.97	-20	+1.40	+1.32	+82	+82	+82	+82																																																		
15%	+7.1	+6.5	-7.2	+2.4	+57	+102	+134	+123	+22	+3.0	-6.9	+77	+8.7	+1.4	+1.2	+3.2	-0.13	+19	+0.80	+0.66	+392	+234	+392	+234	20%	+6.4	+5.9	-6.7	+2.7	+56	+100	+131	+118	+21	+2.8	-6.5	+75	+8.2	+1.1	+0.9	+3.0	-0.07	+17	+0.84	+0.70	+382	+227	+382	+227	25%	+5.8	+5.4	-6.3	+3.0	+54	+97	+128	+115	+20	+2.7	-6.1	+74	+7.7	+0.9	+0.6	+2.8	-0.02	+15	+0.86	+0.72	+374	+221	+374	+221	30%	+5.1	+4.9	-5.9	+3.2	+53	+96	+125	+111	+20	+2.5	-5.8	+72	+7.3	+0.7	+0.4	+2.6	+0.03	+13	+0.88	+0.74	+367	+216	+367	+216	35%	+4.6	+4.5	-5.6	+3.5	+52	+94	+123	+108	+19	+2.4	-5.5	+71	+7.0	+0.5	+0.2	+2.5	+0.07	+12	+0.90	+0.78	+360	+211	+360	+211	40%	+4.0	+4.0	-5.3	+3.7	+51	+92	+121	+106	+19	+2.3	-5.2	+69	+6.6	+0.3	+0.0	+2.3	+0.11	+10	+0.92	+0.80	+353	+206	+353	+206	45%	+3.4	+3.5	-5.0	+3.9	+50	+91	+119	+103	+18	+2.1	-5.0	+68	+6.3	+0.1	-0.2	+2.2	+0.15	+9	+0.94	+0.82	+347	+201	+347	+201	50%	+2.9	+2.9	-4.7	+4.1	+50	+89	+116	+100	+17	+2.0	-4.7	+66	+6.0	+0.0	-0.4	+2.1	+0.18	+7	+0.96	+0.84	+341	+197	+341	+197	55%	+2.3	+2.6	-4.4	+4.3	+49	+88	+114	+98	+17	+1.9	-4.4	+65	+5.8	-0.2	-0.6	+1.9	+0.22	+6	+0.98	+0.86	+334	+192	+334	+192	60%	+1.6	+2.1	-4.1	+4.5	+48	+86	+112	+95	+16	+1.8	-4.2	+64	+5.5	-0.3	-0.7	+1.8	+0.26	+4	+1.00	+0.88	+327	+187	+327	+187	65%	+1.0	+1.5	-3.8	+4.7	+47	+85	+110	+92	+16	+1.7	-3.9	+62	+5.2	-0.5	-0.9	+1.7	+0.30	+3	+1.02	+0.92	+320	+182	+320	+182	70%	+0.2	+0.9	-3.5	+5.0	+46	+83	+108	+90	+15	+1.6	-3.6	+61	+4.9	-0.7	-1.1	+1.6	+0.35	+1	+1.06	+0.94	+313	+177	+313	+177	75%	-0.6	+0.3	-3.1	+5.2	+45	+81	+105	+86	+15	+1.4	-3.3	+59	+4.5	-0.9	-1.4	+1.4	+0.40	-1	+1.08	+0.96	+304	+171	+304	+171	80%	-1.6	-0.5	-2.8	+5.5	+43	+79	+102	+83	+14	+1.3	-2.9	+58	+4.2	-1.1	-1.6	+1.3	+0.45	-2	+1.10	+1.00	+294	+164	+294	+164	85%	-2.7	-1.4	-2.3	+5.8	+42	+77	+99	+79	+13	+1.1	-2.5	+55	+3.7	-1.4	-1.9	+1.1	+0.52	-5	+1.14	+1.04	+282	+155	+282	+155	90%	-4.3	-2.6	-1.7	+6.3	+40	+74	+94	+73	+12	+0.9	-2.0	+53	+3.1	-1.7	-2.3	+0.9	+0.60	-8	+1.18	+1.10	+265	+144	+265	+144	95%	-6.7	-4.5	-0.8	+6.9	+37	+69	+88	+64	+10	+0.6	-1.0	+48	+2.3	-2.2	-2.9	+0.5	+0.73	-12	+1.26	+1.16	+238	+124	+238	+124	99%	-11.9	-8.5	+1.2	+8.3	+31	+59	+73	+46	+7	-0.2	+0.9	+39	+0.3	-3.2	-4.1	+0.0	+0.97	-20	+1.40	+1.32	+82	+82	+82	+82																																																																											
20%	+6.4	+5.9	-6.7	+2.7	+56	+100	+131	+118	+21	+2.8	-6.5	+75	+8.2	+1.1	+0.9	+3.0	-0.07	+17	+0.84	+0.70	+382	+227	+382	+227	25%	+5.8	+5.4	-6.3	+3.0	+54	+97	+128	+115	+20	+2.7	-6.1	+74	+7.7	+0.9	+0.6	+2.8	-0.02	+15	+0.86	+0.72	+374	+221	+374	+221	30%	+5.1	+4.9	-5.9	+3.2	+53	+96	+125	+111	+20	+2.5	-5.8	+72	+7.3	+0.7	+0.4	+2.6	+0.03	+13	+0.88	+0.74	+367	+216	+367	+216	35%	+4.6	+4.5	-5.6	+3.5	+52	+94	+123	+108	+19	+2.4	-5.5	+71	+7.0	+0.5	+0.2	+2.5	+0.07	+12	+0.90	+0.78	+360	+211	+360	+211	40%	+4.0	+4.0	-5.3	+3.7	+51	+92	+121	+106	+19	+2.3	-5.2	+69	+6.6	+0.3	+0.0	+2.3	+0.11	+10	+0.92	+0.80	+353	+206	+353	+206	45%	+3.4	+3.5	-5.0	+3.9	+50	+91	+119	+103	+18	+2.1	-5.0	+68	+6.3	+0.1	-0.2	+2.2	+0.15	+9	+0.94	+0.82	+347	+201	+347	+201	50%	+2.9	+2.9	-4.7	+4.1	+50	+89	+116	+100	+17	+2.0	-4.7	+66	+6.0	+0.0	-0.4	+2.1	+0.18	+7	+0.96	+0.84	+341	+197	+341	+197	55%	+2.3	+2.6	-4.4	+4.3	+49	+88	+114	+98	+17	+1.9	-4.4	+65	+5.8	-0.2	-0.6	+1.9	+0.22	+6	+0.98	+0.86	+334	+192	+334	+192	60%	+1.6	+2.1	-4.1	+4.5	+48	+86	+112	+95	+16	+1.8	-4.2	+64	+5.5	-0.3	-0.7	+1.8	+0.26	+4	+1.00	+0.88	+327	+187	+327	+187	65%	+1.0	+1.5	-3.8	+4.7	+47	+85	+110	+92	+16	+1.7	-3.9	+62	+5.2	-0.5	-0.9	+1.7	+0.30	+3	+1.02	+0.92	+320	+182	+320	+182	70%	+0.2	+0.9	-3.5	+5.0	+46	+83	+108	+90	+15	+1.6	-3.6	+61	+4.9	-0.7	-1.1	+1.6	+0.35	+1	+1.06	+0.94	+313	+177	+313	+177	75%	-0.6	+0.3	-3.1	+5.2	+45	+81	+105	+86	+15	+1.4	-3.3	+59	+4.5	-0.9	-1.4	+1.4	+0.40	-1	+1.08	+0.96	+304	+171	+304	+171	80%	-1.6	-0.5	-2.8	+5.5	+43	+79	+102	+83	+14	+1.3	-2.9	+58	+4.2	-1.1	-1.6	+1.3	+0.45	-2	+1.10	+1.00	+294	+164	+294	+164	85%	-2.7	-1.4	-2.3	+5.8	+42	+77	+99	+79	+13	+1.1	-2.5	+55	+3.7	-1.4	-1.9	+1.1	+0.52	-5	+1.14	+1.04	+282	+155	+282	+155	90%	-4.3	-2.6	-1.7	+6.3	+40	+74	+94	+73	+12	+0.9	-2.0	+53	+3.1	-1.7	-2.3	+0.9	+0.60	-8	+1.18	+1.10	+265	+144	+265	+144	95%	-6.7	-4.5	-0.8	+6.9	+37	+69	+88	+64	+10	+0.6	-1.0	+48	+2.3	-2.2	-2.9	+0.5	+0.73	-12	+1.26	+1.16	+238	+124	+238	+124	99%	-11.9	-8.5	+1.2	+8.3	+31	+59	+73	+46	+7	-0.2	+0.9	+39	+0.3	-3.2	-4.1	+0.0	+0.97	-20	+1.40	+1.32	+82	+82	+82	+82																																																																																																				
25%	+5.8	+5.4	-6.3	+3.0	+54	+97	+128	+115	+20	+2.7	-6.1	+74	+7.7	+0.9	+0.6	+2.8	-0.02	+15	+0.86	+0.72	+374	+221	+374	+221	30%	+5.1	+4.9	-5.9	+3.2	+53	+96	+125	+111	+20	+2.5	-5.8	+72	+7.3	+0.7	+0.4	+2.6	+0.03	+13	+0.88	+0.74	+367	+216	+367	+216	35%	+4.6	+4.5	-5.6	+3.5	+52	+94	+123	+108	+19	+2.4	-5.5	+71	+7.0	+0.5	+0.2	+2.5	+0.07	+12	+0.90	+0.78	+360	+211	+360	+211	40%	+4.0	+4.0	-5.3	+3.7	+51	+92	+121	+106	+19	+2.3	-5.2	+69	+6.6	+0.3	+0.0	+2.3	+0.11	+10	+0.92	+0.80	+353	+206	+353	+206	45%	+3.4	+3.5	-5.0	+3.9	+50	+91	+119	+103	+18	+2.1	-5.0	+68	+6.3	+0.1	-0.2	+2.2	+0.15	+9	+0.94	+0.82	+347	+201	+347	+201	50%	+2.9	+2.9	-4.7	+4.1	+50	+89	+116	+100	+17	+2.0	-4.7	+66	+6.0	+0.0	-0.4	+2.1	+0.18	+7	+0.96	+0.84	+341	+197	+341	+197	55%	+2.3	+2.6	-4.4	+4.3	+49	+88	+114	+98	+17	+1.9	-4.4	+65	+5.8	-0.2	-0.6	+1.9	+0.22	+6	+0.98	+0.86	+334	+192	+334	+192	60%	+1.6	+2.1	-4.1	+4.5	+48	+86	+112	+95	+16	+1.8	-4.2	+64	+5.5	-0.3	-0.7	+1.8	+0.26	+4	+1.00	+0.88	+327	+187	+327	+187	65%	+1.0	+1.5	-3.8	+4.7	+47	+85	+110	+92	+16	+1.7	-3.9	+62	+5.2	-0.5	-0.9	+1.7	+0.30	+3	+1.02	+0.92	+320	+182	+320	+182	70%	+0.2	+0.9	-3.5	+5.0	+46	+83	+108	+90	+15	+1.6	-3.6	+61	+4.9	-0.7	-1.1	+1.6	+0.35	+1	+1.06	+0.94	+313	+177	+313	+177	75%	-0.6	+0.3	-3.1	+5.2	+45	+81	+105	+86	+15	+1.4	-3.3	+59	+4.5	-0.9	-1.4	+1.4	+0.40	-1	+1.08	+0.96	+304	+171	+304	+171	80%	-1.6	-0.5	-2.8	+5.5	+43	+79	+102	+83	+14	+1.3	-2.9	+58	+4.2	-1.1	-1.6	+1.3	+0.45	-2	+1.10	+1.00	+294	+164	+294	+164	85%	-2.7	-1.4	-2.3	+5.8	+42	+77	+99	+79	+13	+1.1	-2.5	+55	+3.7	-1.4	-1.9	+1.1	+0.52	-5	+1.14	+1.04	+282	+155	+282	+155	90%	-4.3	-2.6	-1.7	+6.3	+40	+74	+94	+73	+12	+0.9	-2.0	+53	+3.1	-1.7	-2.3	+0.9	+0.60	-8	+1.18	+1.10	+265	+144	+265	+144	95%	-6.7	-4.5	-0.8	+6.9	+37	+69	+88	+64	+10	+0.6	-1.0	+48	+2.3	-2.2	-2.9	+0.5	+0.73	-12	+1.26	+1.16	+238	+124	+238	+124	99%	-11.9	-8.5	+1.2	+8.3	+31	+59	+73	+46	+7	-0.2	+0.9	+39	+0.3	-3.2	-4.1	+0.0	+0.97	-20	+1.40	+1.32	+82	+82	+82	+82																																																																																																																													
30%	+5.1	+4.9	-5.9	+3.2	+53	+96	+125	+111	+20	+2.5	-5.8	+72	+7.3	+0.7	+0.4	+2.6	+0.03	+13	+0.88	+0.74	+367	+216	+367	+216	35%	+4.6	+4.5	-5.6	+3.5	+52	+94	+123	+108	+19	+2.4	-5.5	+71	+7.0	+0.5	+0.2	+2.5	+0.07	+12	+0.90	+0.78	+360	+211	+360	+211	40%	+4.0	+4.0	-5.3	+3.7	+51	+92	+121	+106	+19	+2.3	-5.2	+69	+6.6	+0.3	+0.0	+2.3	+0.11	+10	+0.92	+0.80	+353	+206	+353	+206	45%	+3.4	+3.5	-5.0	+3.9	+50	+91	+119	+103	+18	+2.1	-5.0	+68	+6.3	+0.1	-0.2	+2.2	+0.15	+9	+0.94	+0.82	+347	+201	+347	+201	50%	+2.9	+2.9	-4.7	+4.1	+50	+89	+116	+100	+17	+2.0	-4.7	+66	+6.0	+0.0	-0.4	+2.1	+0.18	+7	+0.96	+0.84	+341	+197	+341	+197	55%	+2.3	+2.6	-4.4	+4.3	+49	+88	+114	+98	+17	+1.9	-4.4	+65	+5.8	-0.2	-0.6	+1.9	+0.22	+6	+0.98	+0.86	+334	+192	+334	+192	60%	+1.6	+2.1	-4.1	+4.5	+48	+86	+112	+95	+16	+1.8	-4.2	+64	+5.5	-0.3	-0.7	+1.8	+0.26	+4	+1.00	+0.88	+327	+187	+327	+187	65%	+1.0	+1.5	-3.8	+4.7	+47	+85	+110	+92	+16	+1.7	-3.9	+62	+5.2	-0.5	-0.9	+1.7	+0.30	+3	+1.02	+0.92	+320	+182	+320	+182	70%	+0.2	+0.9	-3.5	+5.0	+46	+83	+108	+90	+15	+1.6	-3.6	+61	+4.9	-0.7	-1.1	+1.6	+0.35	+1	+1.06	+0.94	+313	+177	+313	+177	75%	-0.6	+0.3	-3.1	+5.2	+45	+81	+105	+86	+15	+1.4	-3.3	+59	+4.5	-0.9	-1.4	+1.4	+0.40	-1	+1.08	+0.96	+304	+171	+304	+171	80%	-1.6	-0.5	-2.8	+5.5	+43	+79	+102	+83	+14	+1.3	-2.9	+58	+4.2	-1.1	-1.6	+1.3	+0.45	-2	+1.10	+1.00	+294	+164	+294	+164	85%	-2.7	-1.4	-2.3	+5.8	+42	+77	+99	+79	+13	+1.1	-2.5	+55	+3.7	-1.4	-1.9	+1.1	+0.52	-5	+1.14	+1.04	+282	+155	+282	+155	90%	-4.3	-2.6	-1.7	+6.3	+40	+74	+94	+73	+12	+0.9	-2.0	+53	+3.1	-1.7	-2.3	+0.9	+0.60	-8	+1.18	+1.10	+265	+144	+265	+144	95%	-6.7	-4.5	-0.8	+6.9	+37	+69	+88	+64	+10	+0.6	-1.0	+48	+2.3	-2.2	-2.9	+0.5	+0.73	-12	+1.26	+1.16	+238	+124	+238	+124	99%	-11.9	-8.5	+1.2	+8.3	+31	+59	+73	+46	+7	-0.2	+0.9	+39	+0.3	-3.2	-4.1	+0.0	+0.97	-20	+1.40	+1.32	+82	+82	+82	+82																																																																																																																																																						
35%	+4.6	+4.5	-5.6	+3.5	+52	+94	+123	+108	+19	+2.4	-5.5	+71	+7.0	+0.5	+0.2	+2.5	+0.07	+12	+0.90	+0.78	+360	+211	+360	+211	40%	+4.0	+4.0	-5.3	+3.7	+51	+92	+121	+106	+19	+2.3	-5.2	+69	+6.6	+0.3	+0.0	+2.3	+0.11	+10	+0.92	+0.80	+353	+206	+353	+206	45%	+3.4	+3.5	-5.0	+3.9	+50	+91	+119	+103	+18	+2.1	-5.0	+68	+6.3	+0.1	-0.2	+2.2	+0.15	+9	+0.94	+0.82	+347	+201	+347	+201	50%	+2.9	+2.9	-4.7	+4.1	+50	+89	+116	+100	+17	+2.0	-4.7	+66	+6.0	+0.0	-0.4	+2.1	+0.18	+7	+0.96	+0.84	+341	+197	+341	+197	55%	+2.3	+2.6	-4.4	+4.3	+49	+88	+114	+98	+17	+1.9	-4.4	+65	+5.8	-0.2	-0.6	+1.9	+0.22	+6	+0.98	+0.86	+334	+192	+334	+192	60%	+1.6	+2.1	-4.1	+4.5	+48	+86	+112	+95	+16	+1.8	-4.2	+64	+5.5	-0.3	-0.7	+1.8	+0.26	+4	+1.00	+0.88	+327	+187	+327	+187	65%	+1.0	+1.5	-3.8	+4.7	+47	+85	+110	+92	+16	+1.7	-3.9	+62	+5.2	-0.5	-0.9	+1.7	+0.30	+3	+1.02	+0.92	+320	+182	+320	+182	70%	+0.2	+0.9	-3.5	+5.0	+46	+83	+108	+90	+15	+1.6	-3.6	+61	+4.9	-0.7	-1.1	+1.6	+0.35	+1	+1.06	+0.94	+313	+177	+313	+177	75%	-0.6	+0.3	-3.1	+5.2	+45	+81	+105	+86	+15	+1.4	-3.3	+59	+4.5	-0.9	-1.4	+1.4	+0.40	-1	+1.08	+0.96	+304	+171	+304	+171	80%	-1.6	-0.5	-2.8	+5.5	+43	+79	+102	+83	+14	+1.3	-2.9	+58	+4.2	-1.1	-1.6	+1.3	+0.45	-2	+1.10	+1.00	+294	+164	+294	+164	85%	-2.7	-1.4	-2.3	+5.8	+42	+77	+99	+79	+13	+1.1	-2.5	+55	+3.7	-1.4	-1.9	+1.1	+0.52	-5	+1.14	+1.04	+282	+155	+282	+155	90%	-4.3	-2.6	-1.7	+6.3	+40	+74	+94	+73	+12	+0.9	-2.0	+53	+3.1	-1.7	-2.3	+0.9	+0.60	-8	+1.18	+1.10	+265	+144	+265	+144	95%	-6.7	-4.5	-0.8	+6.9	+37	+69	+88	+64	+10	+0.6	-1.0	+48	+2.3	-2.2	-2.9	+0.5	+0.73	-12	+1.26	+1.16	+238	+124	+238	+124	99%	-11.9	-8.5	+1.2	+8.3	+31	+59	+73	+46	+7	-0.2	+0.9	+39	+0.3	-3.2	-4.1	+0.0	+0.97	-20	+1.40	+1.32	+82	+82	+82	+82																																																																																																																																																																															
40%	+4.0	+4.0	-5.3	+3.7	+51	+92	+121	+106	+19	+2.3	-5.2	+69	+6.6	+0.3	+0.0	+2.3	+0.11	+10	+0.92	+0.80	+353	+206	+353	+206	45%	+3.4	+3.5	-5.0	+3.9	+50	+91	+119	+103	+18	+2.1	-5.0	+68	+6.3	+0.1	-0.2	+2.2	+0.15	+9	+0.94	+0.82	+347	+201	+347	+201	50%	+2.9	+2.9	-4.7	+4.1	+50	+89	+116	+100	+17	+2.0	-4.7	+66	+6.0	+0.0	-0.4	+2.1	+0.18	+7	+0.96	+0.84	+341	+197	+341	+197	55%	+2.3	+2.6	-4.4	+4.3	+49	+88	+114	+98	+17	+1.9	-4.4	+65	+5.8	-0.2	-0.6	+1.9	+0.22	+6	+0.98	+0.86	+334	+192	+334	+192	60%	+1.6	+2.1	-4.1	+4.5	+48	+86	+112	+95	+16	+1.8	-4.2	+64	+5.5	-0.3	-0.7	+1.8	+0.26	+4	+1.00	+0.88	+327	+187	+327	+187	65%	+1.0	+1.5	-3.8	+4.7	+47	+85	+110	+92	+16	+1.7	-3.9	+62	+5.2	-0.5	-0.9	+1.7	+0.30	+3	+1.02	+0.92	+320	+182	+320	+182	70%	+0.2	+0.9	-3.5	+5.0	+46	+83	+108	+90	+15	+1.6	-3.6	+61	+4.9	-0.7	-1.1	+1.6	+0.35	+1	+1.06	+0.94	+313	+177	+313	+177	75%	-0.6	+0.3	-3.1	+5.2	+45	+81	+105	+86	+15	+1.4	-3.3	+59	+4.5	-0.9	-1.4	+1.4	+0.40	-1	+1.08	+0.96	+304	+171	+304	+171	80%	-1.6	-0.5	-2.8	+5.5	+43	+79	+102	+83	+14	+1.3	-2.9	+58	+4.2	-1.1	-1.6	+1.3	+0.45	-2	+1.10	+1.00	+294	+164	+294	+164	85%	-2.7	-1.4	-2.3	+5.8	+42	+77	+99	+79	+13	+1.1	-2.5	+55	+3.7	-1.4	-1.9	+1.1	+0.52	-5	+1.14	+1.04	+282	+155	+282	+155	90%	-4.3	-2.6	-1.7	+6.3	+40	+74	+94	+73	+12	+0.9	-2.0	+53	+3.1	-1.7	-2.3	+0.9	+0.60	-8	+1.18	+1.10	+265	+144	+265	+144	95%	-6.7	-4.5	-0.8	+6.9	+37	+69	+88	+64	+10	+0.6	-1.0	+48	+2.3	-2.2	-2.9	+0.5	+0.73	-12	+1.26	+1.16	+238	+124	+238	+124	99%	-11.9	-8.5	+1.2	+8.3	+31	+59	+73	+46	+7	-0.2	+0.9	+39	+0.3	-3.2	-4.1	+0.0	+0.97	-20	+1.40	+1.32	+82	+82	+82	+82																																																																																																																																																																																																								
45%	+3.4	+3.5	-5.0	+3.9	+50	+91	+119	+103	+18	+2.1	-5.0	+68	+6.3	+0.1	-0.2	+2.2	+0.15	+9	+0.94	+0.82	+347	+201	+347	+201	50%	+2.9	+2.9	-4.7	+4.1	+50	+89	+116	+100	+17	+2.0	-4.7	+66	+6.0	+0.0	-0.4	+2.1	+0.18	+7	+0.96	+0.84	+341	+197	+341	+197	55%	+2.3	+2.6	-4.4	+4.3	+49	+88	+114	+98	+17	+1.9	-4.4	+65	+5.8	-0.2	-0.6	+1.9	+0.22	+6	+0.98	+0.86	+334	+192	+334	+192	60%	+1.6	+2.1	-4.1	+4.5	+48	+86	+112	+95	+16	+1.8	-4.2	+64	+5.5	-0.3	-0.7	+1.8	+0.26	+4	+1.00	+0.88	+327	+187	+327	+187	65%	+1.0	+1.5	-3.8	+4.7	+47	+85	+110	+92	+16	+1.7	-3.9	+62	+5.2	-0.5	-0.9	+1.7	+0.30	+3	+1.02	+0.92	+320	+182	+320	+182	70%	+0.2	+0.9	-3.5	+5.0	+46	+83	+108	+90	+15	+1.6	-3.6	+61	+4.9	-0.7	-1.1	+1.6	+0.35	+1	+1.06	+0.94	+313	+177	+313	+177	75%	-0.6	+0.3	-3.1	+5.2	+45	+81	+105	+86	+15	+1.4	-3.3	+59	+4.5	-0.9	-1.4	+1.4	+0.40	-1	+1.08	+0.96	+304	+171	+304	+171	80%	-1.6	-0.5	-2.8	+5.5	+43	+79	+102	+83	+14	+1.3	-2.9	+58	+4.2	-1.1	-1.6	+1.3	+0.45	-2	+1.10	+1.00	+294	+164	+294	+164	85%	-2.7	-1.4	-2.3	+5.8	+42	+77	+99	+79	+13	+1.1	-2.5	+55	+3.7	-1.4	-1.9	+1.1	+0.52	-5	+1.14	+1.04	+282	+155	+282	+155	90%	-4.3	-2.6	-1.7	+6.3	+40	+74	+94	+73	+12	+0.9	-2.0	+53	+3.1	-1.7	-2.3	+0.9	+0.60	-8	+1.18	+1.10	+265	+144	+265	+144	95%	-6.7	-4.5	-0.8	+6.9	+37	+69	+88	+64	+10	+0.6	-1.0	+48	+2.3	-2.2	-2.9	+0.5	+0.73	-12	+1.26	+1.16	+238	+124	+238	+124	99%	-11.9	-8.5	+1.2	+8.3	+31	+59	+73	+46	+7	-0.2	+0.9	+39	+0.3	-3.2	-4.1	+0.0	+0.97	-20	+1.40	+1.32	+82	+82	+82	+82																																																																																																																																																																																																																																	
50%	+2.9	+2.9	-4.7	+4.1	+50	+89	+116	+100	+17	+2.0	-4.7	+66	+6.0	+0.0	-0.4	+2.1	+0.18	+7	+0.96	+0.84	+341	+197	+341	+197	55%	+2.3	+2.6	-4.4	+4.3	+49	+88	+114	+98	+17	+1.9	-4.4	+65	+5.8	-0.2	-0.6	+1.9	+0.22	+6	+0.98	+0.86	+334	+192	+334	+192	60%	+1.6	+2.1	-4.1	+4.5	+48	+86	+112	+95	+16	+1.8	-4.2	+64	+5.5	-0.3	-0.7	+1.8	+0.26	+4	+1.00	+0.88	+327	+187	+327	+187	65%	+1.0	+1.5	-3.8	+4.7	+47	+85	+110	+92	+16	+1.7	-3.9	+62	+5.2	-0.5	-0.9	+1.7	+0.30	+3	+1.02	+0.92	+320	+182	+320	+182	70%	+0.2	+0.9	-3.5	+5.0	+46	+83	+108	+90	+15	+1.6	-3.6	+61	+4.9	-0.7	-1.1	+1.6	+0.35	+1	+1.06	+0.94	+313	+177	+313	+177	75%	-0.6	+0.3	-3.1	+5.2	+45	+81	+105	+86	+15	+1.4	-3.3	+59	+4.5	-0.9	-1.4	+1.4	+0.40	-1	+1.08	+0.96	+304	+171	+304	+171	80%	-1.6	-0.5	-2.8	+5.5	+43	+79	+102	+83	+14	+1.3	-2.9	+58	+4.2	-1.1	-1.6	+1.3	+0.45	-2	+1.10	+1.00	+294	+164	+294	+164	85%	-2.7	-1.4	-2.3	+5.8	+42	+77	+99	+79	+13	+1.1	-2.5	+55	+3.7	-1.4	-1.9	+1.1	+0.52	-5	+1.14	+1.04	+282	+155	+282	+155	90%	-4.3	-2.6	-1.7	+6.3	+40	+74	+94	+73	+12	+0.9	-2.0	+53	+3.1	-1.7	-2.3	+0.9	+0.60	-8	+1.18	+1.10	+265	+144	+265	+144	95%	-6.7	-4.5	-0.8	+6.9	+37	+69	+88	+64	+10	+0.6	-1.0	+48	+2.3	-2.2	-2.9	+0.5	+0.73	-12	+1.26	+1.16	+238	+124	+238	+124	99%	-11.9	-8.5	+1.2	+8.3	+31	+59	+73	+46	+7	-0.2	+0.9	+39	+0.3	-3.2	-4.1	+0.0	+0.97	-20	+1.40	+1.32	+82	+82	+82	+82																																																																																																																																																																																																																																																										
55%	+2.3	+2.6	-4.4	+4.3	+49	+88	+114	+98	+17	+1.9	-4.4	+65	+5.8	-0.2	-0.6	+1.9	+0.22	+6	+0.98	+0.86	+334	+192	+334	+192	60%	+1.6	+2.1	-4.1	+4.5	+48	+86	+112	+95	+16	+1.8	-4.2	+64	+5.5	-0.3	-0.7	+1.8	+0.26	+4	+1.00	+0.88	+327	+187	+327	+187	65%	+1.0	+1.5	-3.8	+4.7	+47	+85	+110	+92	+16	+1.7	-3.9	+62	+5.2	-0.5	-0.9	+1.7	+0.30	+3	+1.02	+0.92	+320	+182	+320	+182	70%	+0.2	+0.9	-3.5	+5.0	+46	+83	+108	+90	+15	+1.6	-3.6	+61	+4.9	-0.7	-1.1	+1.6	+0.35	+1	+1.06	+0.94	+313	+177	+313	+177	75%	-0.6	+0.3	-3.1	+5.2	+45	+81	+105	+86	+15	+1.4	-3.3	+59	+4.5	-0.9	-1.4	+1.4	+0.40	-1	+1.08	+0.96	+304	+171	+304	+171	80%	-1.6	-0.5	-2.8	+5.5	+43	+79	+102	+83	+14	+1.3	-2.9	+58	+4.2	-1.1	-1.6	+1.3	+0.45	-2	+1.10	+1.00	+294	+164	+294	+164	85%	-2.7	-1.4	-2.3	+5.8	+42	+77	+99	+79	+13	+1.1	-2.5	+55	+3.7	-1.4	-1.9	+1.1	+0.52	-5	+1.14	+1.04	+282	+155	+282	+155	90%	-4.3	-2.6	-1.7	+6.3	+40	+74	+94	+73	+12	+0.9	-2.0	+53	+3.1	-1.7	-2.3	+0.9	+0.60	-8	+1.18	+1.10	+265	+144	+265	+144	95%	-6.7	-4.5	-0.8	+6.9	+37	+69	+88	+64	+10	+0.6	-1.0	+48	+2.3	-2.2	-2.9	+0.5	+0.73	-12	+1.26	+1.16	+238	+124	+238	+124	99%	-11.9	-8.5	+1.2	+8.3	+31	+59	+73	+46	+7	-0.2	+0.9	+39	+0.3	-3.2	-4.1	+0.0	+0.97	-20	+1.40	+1.32	+82	+82	+82	+82																																																																																																																																																																																																																																																																																			
60%	+1.6	+2.1	-4.1	+4.5	+48	+86	+112	+95	+16	+1.8	-4.2	+64	+5.5	-0.3	-0.7	+1.8	+0.26	+4	+1.00	+0.88	+327	+187	+327	+187	65%	+1.0	+1.5	-3.8	+4.7	+47	+85	+110	+92	+16	+1.7	-3.9	+62	+5.2	-0.5	-0.9	+1.7	+0.30	+3	+1.02	+0.92	+320	+182	+320	+182	70%	+0.2	+0.9	-3.5	+5.0	+46	+83	+108	+90	+15	+1.6	-3.6	+61	+4.9	-0.7	-1.1	+1.6	+0.35	+1	+1.06	+0.94	+313	+177	+313	+177	75%	-0.6	+0.3	-3.1	+5.2	+45	+81	+105	+86	+15	+1.4	-3.3	+59	+4.5	-0.9	-1.4	+1.4	+0.40	-1	+1.08	+0.96	+304	+171	+304	+171	80%	-1.6	-0.5	-2.8	+5.5	+43	+79	+102	+83	+14	+1.3	-2.9	+58	+4.2	-1.1	-1.6	+1.3	+0.45	-2	+1.10	+1.00	+294	+164	+294	+164	85%	-2.7	-1.4	-2.3	+5.8	+42	+77	+99	+79	+13	+1.1	-2.5	+55	+3.7	-1.4	-1.9	+1.1	+0.52	-5	+1.14	+1.04	+282	+155	+282	+155	90%	-4.3	-2.6	-1.7	+6.3	+40	+74	+94	+73	+12	+0.9	-2.0	+53	+3.1	-1.7	-2.3	+0.9	+0.60	-8	+1.18	+1.10	+265	+144	+265	+144	95%	-6.7	-4.5	-0.8	+6.9	+37	+69	+88	+64	+10	+0.6	-1.0	+48	+2.3	-2.2	-2.9	+0.5	+0.73	-12	+1.26	+1.16	+238	+124	+238	+124	99%	-11.9	-8.5	+1.2	+8.3	+31	+59	+73	+46	+7	-0.2	+0.9	+39	+0.3	-3.2	-4.1	+0.0	+0.97	-20	+1.40	+1.32	+82	+82	+82	+82																																																																																																																																																																																																																																																																																																												
65%	+1.0	+1.5	-3.8	+4.7	+47	+85	+110	+92	+16	+1.7	-3.9	+62	+5.2	-0.5	-0.9	+1.7	+0.30	+3	+1.02	+0.92	+320	+182	+320	+182	70%	+0.2	+0.9	-3.5	+5.0	+46	+83	+108	+90	+15	+1.6	-3.6	+61	+4.9	-0.7	-1.1	+1.6	+0.35	+1	+1.06	+0.94	+313	+177	+313	+177	75%	-0.6	+0.3	-3.1	+5.2	+45	+81	+105	+86	+15	+1.4	-3.3	+59	+4.5	-0.9	-1.4	+1.4	+0.40	-1	+1.08	+0.96	+304	+171	+304	+171	80%	-1.6	-0.5	-2.8	+5.5	+43	+79	+102	+83	+14	+1.3	-2.9	+58	+4.2	-1.1	-1.6	+1.3	+0.45	-2	+1.10	+1.00	+294	+164	+294	+164	85%	-2.7	-1.4	-2.3	+5.8	+42	+77	+99	+79	+13	+1.1	-2.5	+55	+3.7	-1.4	-1.9	+1.1	+0.52	-5	+1.14	+1.04	+282	+155	+282	+155	90%	-4.3	-2.6	-1.7	+6.3	+40	+74	+94	+73	+12	+0.9	-2.0	+53	+3.1	-1.7	-2.3	+0.9	+0.60	-8	+1.18	+1.10	+265	+144	+265	+144	95%	-6.7	-4.5	-0.8	+6.9	+37	+69	+88	+64	+10	+0.6	-1.0	+48	+2.3	-2.2	-2.9	+0.5	+0.73	-12	+1.26	+1.16	+238	+124	+238	+124	99%	-11.9	-8.5	+1.2	+8.3	+31	+59	+73	+46	+7	-0.2	+0.9	+39	+0.3	-3.2	-4.1	+0.0	+0.97	-20	+1.40	+1.32	+82	+82	+82	+82																																																																																																																																																																																																																																																																																																																																					
70%	+0.2	+0.9	-3.5	+5.0	+46	+83	+108	+90	+15	+1.6	-3.6	+61	+4.9	-0.7	-1.1	+1.6	+0.35	+1	+1.06	+0.94	+313	+177	+313	+177	75%	-0.6	+0.3	-3.1	+5.2	+45	+81	+105	+86	+15	+1.4	-3.3	+59	+4.5	-0.9	-1.4	+1.4	+0.40	-1	+1.08	+0.96	+304	+171	+304	+171	80%	-1.6	-0.5	-2.8	+5.5	+43	+79	+102	+83	+14	+1.3	-2.9	+58	+4.2	-1.1	-1.6	+1.3	+0.45	-2	+1.10	+1.00	+294	+164	+294	+164	85%	-2.7	-1.4	-2.3	+5.8	+42	+77	+99	+79	+13	+1.1	-2.5	+55	+3.7	-1.4	-1.9	+1.1	+0.52	-5	+1.14	+1.04	+282	+155	+282	+155	90%	-4.3	-2.6	-1.7	+6.3	+40	+74	+94	+73	+12	+0.9	-2.0	+53	+3.1	-1.7	-2.3	+0.9	+0.60	-8	+1.18	+1.10	+265	+144	+265	+144	95%	-6.7	-4.5	-0.8	+6.9	+37	+69	+88	+64	+10	+0.6	-1.0	+48	+2.3	-2.2	-2.9	+0.5	+0.73	-12	+1.26	+1.16	+238	+124	+238	+124	99%	-11.9	-8.5	+1.2	+8.3	+31	+59	+73	+46	+7	-0.2	+0.9	+39	+0.3	-3.2	-4.1	+0.0	+0.97	-20	+1.40	+1.32	+82	+82	+82	+82																																																																																																																																																																																																																																																																																																																																																														
75%	-0.6	+0.3	-3.1	+5.2	+45	+81	+105	+86	+15	+1.4	-3.3	+59	+4.5	-0.9	-1.4	+1.4	+0.40	-1	+1.08	+0.96	+304	+171	+304	+171	80%	-1.6	-0.5	-2.8	+5.5	+43	+79	+102	+83	+14	+1.3	-2.9	+58	+4.2	-1.1	-1.6	+1.3	+0.45	-2	+1.10	+1.00	+294	+164	+294	+164	85%	-2.7	-1.4	-2.3	+5.8	+42	+77	+99	+79	+13	+1.1	-2.5	+55	+3.7	-1.4	-1.9	+1.1	+0.52	-5	+1.14	+1.04	+282	+155	+282	+155	90%	-4.3	-2.6	-1.7	+6.3	+40	+74	+94	+73	+12	+0.9	-2.0	+53	+3.1	-1.7	-2.3	+0.9	+0.60	-8	+1.18	+1.10	+265	+144	+265	+144	95%	-6.7	-4.5	-0.8	+6.9	+37	+69	+88	+64	+10	+0.6	-1.0	+48	+2.3	-2.2	-2.9	+0.5	+0.73	-12	+1.26	+1.16	+238	+124	+238	+124	99%	-11.9	-8.5	+1.2	+8.3	+31	+59	+73	+46	+7	-0.2	+0.9	+39	+0.3	-3.2	-4.1	+0.0	+0.97	-20	+1.40	+1.32	+82	+82	+82	+82																																																																																																																																																																																																																																																																																																																																																																																							
80%	-1.6	-0.5	-2.8	+5.5	+43	+79	+102	+83	+14	+1.3	-2.9	+58	+4.2	-1.1	-1.6	+1.3	+0.45	-2	+1.10	+1.00	+294	+164	+294	+164	85%	-2.7	-1.4	-2.3	+5.8	+42	+77	+99	+79	+13	+1.1	-2.5	+55	+3.7	-1.4	-1.9	+1.1	+0.52	-5	+1.14	+1.04	+282	+155	+282	+155	90%	-4.3	-2.6	-1.7	+6.3	+40	+74	+94	+73	+12	+0.9	-2.0	+53	+3.1	-1.7	-2.3	+0.9	+0.60	-8	+1.18	+1.10	+265	+144	+265	+144	95%	-6.7	-4.5	-0.8	+6.9	+37	+69	+88	+64	+10	+0.6	-1.0	+48	+2.3	-2.2	-2.9	+0.5	+0.73	-12	+1.26	+1.16	+238	+124	+238	+124	99%	-11.9	-8.5	+1.2	+8.3	+31	+59	+73	+46	+7	-0.2	+0.9	+39	+0.3	-3.2	-4.1	+0.0	+0.97	-20	+1.40	+1.32	+82	+82	+82	+82																																																																																																																																																																																																																																																																																																																																																																																																																
85%	-2.7	-1.4	-2.3	+5.8	+42	+77	+99	+79	+13	+1.1	-2.5	+55	+3.7	-1.4	-1.9	+1.1	+0.52	-5	+1.14	+1.04	+282	+155	+282	+155	90%	-4.3	-2.6	-1.7	+6.3	+40	+74	+94	+73	+12	+0.9	-2.0	+53	+3.1	-1.7	-2.3	+0.9	+0.60	-8	+1.18	+1.10	+265	+144	+265	+144	95%	-6.7	-4.5	-0.8	+6.9	+37	+69	+88	+64	+10	+0.6	-1.0	+48	+2.3	-2.2	-2.9	+0.5	+0.73	-12	+1.26	+1.16	+238	+124	+238	+124	99%	-11.9	-8.5	+1.2	+8.3	+31	+59	+73	+46	+7	-0.2	+0.9	+39	+0.3	-3.2	-4.1	+0.0	+0.97	-20	+1.40	+1.32	+82	+82	+82	+82																																																																																																																																																																																																																																																																																																																																																																																																																																									
90%	-4.3	-2.6	-1.7	+6.3	+40	+74	+94	+73	+12	+0.9	-2.0	+53	+3.1	-1.7	-2.3	+0.9	+0.60	-8	+1.18	+1.10	+265	+144	+265	+144	95%	-6.7	-4.5	-0.8	+6.9	+37	+69	+88	+64	+10	+0.6	-1.0	+48	+2.3	-2.2	-2.9	+0.5	+0.73	-12	+1.26	+1.16	+238	+124	+238	+124	99%	-11.9	-8.5	+1.2	+8.3	+31	+59	+73	+46	+7	-0.2	+0.9	+39	+0.3	-3.2	-4.1	+0.0	+0.97	-20	+1.40	+1.32	+82	+82	+82	+82																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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99%	-11.9	-8.5	+1.2	+8.3	+31	+59	+73	+46	+7	-0.2	+0.9	+39	+0.3	-3.2	-4.1	+0.0	+0.97	-20	+1.40	+1.32	+82	+82	+82	+82																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				

\* The percentile bands represent the distribution of EBVs across the 2020 drop Australian Angus and Angus-influenced seedstock animals analysed in the Mid March 2022 TransTasman Angus Cattle Evaluation.

# TransTasman Angus Cattle Evaluation - Mid March 2022 Reference Tables



BREED AVERAGE EBVs										
	\$A	\$D	\$GN	\$GS	\$A-L	\$D-L	\$GN-L	\$GS-L	\$PRO	\$T
Brd Avg	+194	+160	+255	+178	+336	+290	+401	+378	+141	+179

\* Breed average represents the average EBV of all 2020 drop Australian Angus and Angus-influenced seedstock animals analysed in the Mid March 2022 TransTasman Angus Cattle Evaluation .

PERCENTILE BANDS TABLE										
% Band	\$A	\$D	\$GN	\$GS	\$A-L	\$D-L	\$GN-L	\$GS-L	\$PRO	\$T
1%	+279	+231	+374	+266	+452	+391	+549	+511	+219	+242
5%	+255	+211	+342	+241	+421	+363	+509	+476	+197	+225
10%	+243	+200	+324	+228	+404	+348	+487	+456	+185	+216
15%	+234	+192	+311	+219	+392	+338	+472	+442	+177	+210
20%	+227	+187	+301	+212	+382	+329	+460	+430	+171	+204
25%	+221	+182	+293	+206	+374	+322	+449	+421	+166	+200
30%	+216	+177	+285	+200	+367	+316	+440	+412	+161	+195
35%	+211	+173	+278	+195	+360	+310	+431	+404	+156	+192
40%	+206	+169	+271	+190	+353	+304	+422	+396	+152	+188
45%	+201	+165	+264	+185	+347	+299	+414	+389	+148	+184
50%	+197	+162	+258	+180	+341	+293	+406	+382	+144	+181
55%	+192	+158	+251	+175	+334	+288	+397	+374	+140	+177
60%	+187	+154	+244	+170	+327	+282	+389	+367	+135	+174
65%	+182	+150	+237	+165	+320	+276	+380	+359	+130	+170
70%	+177	+146	+230	+160	+313	+270	+370	+350	+126	+166
75%	+171	+141	+221	+154	+304	+263	+359	+340	+120	+161
80%	+164	+136	+212	+147	+294	+254	+346	+329	+114	+156
85%	+155	+129	+201	+138	+282	+244	+331	+315	+106	+150
90%	+144	+119	+186	+127	+265	+230	+311	+297	+95	+141
95%	+124	+104	+160	+107	+238	+207	+277	+266	+77	+128
99%	+82	+71	+107	+69	+174	+155	+201	+196	+40	+97

\* The percentile bands represent the distribution of EBVs across the 2020 drop Australian Angus and Angus-influenced seedstock animals analysed in the Mid March 2022 TransTasman Angus Cattle Evaluation .

**REFERENCE SIRES 2022 AUTUMN BULL SALE EBV SUMMARY**  
**TACE APRIL 2022**

id	name	reg	sire_id	birth_date	CE	DI	CE	DI	Bwt	200	400	600	Mwt	DC	SS	DOC	Cwt	EMA	Rib	P8	RBV	IMF	\$A+	
NHZF1023	HAZELDEAN F1023	APR	VTMB1	6/09/2010	5.7	3.3	3.2	4.1	78	94	78	94	90	-7.3	4.1	-8	67	7	3.2	-0.3	-3	5.9	\$178	
NHZK416	HAZELDEAN KATZEN K416	APR	NORE11	28/07/2014	11	3.9	2	5.6	96	128	96	128	122	-12	3.2	39	80	1.7	4.1	2.9	-1.8	1.6	\$225	
NHZM182	HAZELDEAN MAVERICK M182	APR	NHZJ140	3/08/2016	4.9	7.9	2.4	4.4	89	125	89	125	109	-4.7	3.5	55	79	5.2	0	-0.3	0.1	3.3	\$197	
NHZM46	HAZELDEAN M46	APR	SRKJ310	29/07/2016	5.5	-4	2.4	4.6	89	125	89	125	98	-6.9	3.7	-16	81	4.8	0.6	-0.3	0.1	2.4	\$205	
NHZM586	HAZELDEAN M586	APR	NHZJ140	11/08/2016	8.2	9.6	2.7	5.1	89	122	89	122	111	-11	4.3	39	80	3.8	1.7	0.8	-0.8	3.3	\$233	
NHZN394	HAZELDEAN N394	APR	NHZF1023	2/08/2017	8.4	5.6	-0.6	3.9	80	96	80	96	61	-6.9	3.9	28	66	4.5	3.6	2.5	-3.2	5.8	\$229	
NHZN508	HAZELDEAN N508	APR	NHZK416	9/08/2017	12	8.1	0.4	4.8	91	120	91	120	107	-7.5	1.8	30	75	-1.1	2.3	1.8	-2.3	1.9	\$193	
NHZP1044	HAZELDEAN P1044	APR	NHZM105	23/08/2018	9.3	5.9	1.8	4.4	93	128	93	128	106	-5	4.1	-6	80	4.8	0.4	-0.5	0.1	1.8	\$178	
NHZP1127	HAZELDEAN P1127	APR	NHZM777	30/08/2018	9.6	0.3	1.5	3.2	60	71	60	71	53	-13	1.8	-6	45	1.9	4	4.7	-2.4	2.6	\$189	
NHZP119	HAZELDEAN P119	HBR	USA16983331	12/08/2018	-10	4.4	7.2	5.7	98	127	98	127	123	-5.7	2.5	-8	70	6.8	-1.5	-1.3	2.1	1	\$174	
NHZP120	HAZELDEAN P120	HBR	NHZJ140	12/08/2018	8	6.2	1.9	4.3	74	99	74	99	68	-5.1	3.3	21	65	4.3	-0.7	-1.3	1.1	1.4	\$199	
NHZP1201	HAZELDEAN P1201	APR	NHZM187	7/09/2018	1	6.7	4.4	5.9	111	150	111	150	138	-7	2.3	-21	85	3	-1.2	-2	0.9	1.6	\$216	
NHZP129	HAZELDEAN P129	HBR	NHZM777	14/08/2018	-8.4	-2.1	8.6	6.1	100	129	100	129	116	-7	0.4	11	82	3	1.2	0.8	-0.6	2.6	\$204	
NHZP143	HAZELDEAN P143	HBR	NHZM74	18/08/2018	9.7	7	1	4.7	97	128	97	128	101	-8.3	2.2	19	84	5.3	0.6	0.6	0.7	1.2	\$226	
NHZP159	HAZELDEAN P159	HBR	NHZL21	31/08/2018	-0.3	-0.5	5.8	5.7	95	133	95	133	93	-8.3	2.3	3	75	4.9	-0.2	-1	-0.2	2.5	\$238	
NHZP16	HAZELDEAN P16	HBR	USA1960722	28/07/2018	0.5	0.5	6.4	6.6	113	153	113	153	131	-4	3.1	32	83	6.1	-3.1	-3	1.9	2.5	\$248	
NHZP249	HAZELDEAN P249	APR	NHZJ140	25/07/2018	12	11	0.1	4.7	87	118	87	118	105	-10	3.6	37	78	4.2	2.8	1.9	-1.1	2.1	\$218	
NHZP288	HAZELDEAN P288	APR	NHZF1023	27/07/2018	12	9.4	0.5	3.9	70	78	70	78	76	-7.3	3.2	24	48	5.7	3.2	0.3	-1.8	4.5	\$189	
NHZP328	HAZELDEAN P328	APR	USA17666102	28/07/2018	12	12	1.4	5.4	105	130	105	130	120	-5.9	2.5	-7	85	7.4	0.1	-0.3	0.4	2.3	\$232	
NHZP35	HAZELDEAN P35	HBR	NAOJ93	29/07/2018	1.4	-1.9	4.4	4.3	76	99	76	99	101	-6	4	8	64	4.1	0.4	-0.7	-0.2	3.4	\$161	
NHZP39	HAZELDEAN P39	HBR	USA16710463	30/07/2018	-8.5	-2.2	5.5	6.0	112	136	112	136	129	-3.2	2.8	13	85	11	-3.7	-3.7	3.7	1.2	\$195	
NHZP468	HAZELDEAN P468	APR	NHZF1023	31/07/2018	11	5.4	0.9	4.5	86	109	86	109	100	-7.9	3.3	6	70	4.7	2.5	-0.3	-2.3	5.1	\$207	
NHZP508	HAZELDEAN P508	APR	VTME343	1/08/2018	5.1	3.7	4.2	4.8	84	114	84	114	81	-7.2	1.6	10	61	2.9	0.4	-1	-0.5	2.8	\$221	
NHZP56	HAZELDEAN P56	HBR	NHZJ140	1/08/2018	9	7.5	1.6	4.3	82	113	82	113	109	-4.2	1.4	42	72	3.1	-1.6	-3.4	0.7	1.5	\$151	
NHZP598	HAZELDEAN P598	APR	NHZF1023	3/08/2018	1.4	-4.3	4.5	4.5	80	95	80	95	81	-6	4.8	-3	64	9.3	2.1	1	-1.3	4.9	\$193	
NHZP655	HAZELDEAN P655	APR	USA17666102	5/08/2018	9	9.3	3.5	4.9	87	111	87	111	101	-4.3	2.3	-32	75	5	0.5	0.6	-0.1	1.7	\$185	
NHZP679	HAZELDEAN P679	APR	NHZJ140	5/08/2018	-0.4	4.2	5.6	5.5	97	133	97	133	123	-3.1	1.8	47	83	8.6	-0.8	-2.3	1	1.8	\$178	
NHZP709	HAZELDEAN P709	APR	NHZF1023	6/08/2018	8.1	5.2	0.8	4.6	82	111	82	111	82	-4.7	4.6	22	62	11	1.3	0.3	-1	5	\$232	
NHZP728	HAZELDEAN P728	APR	NHZJ140	6/08/2018	7.4	9.2	3	4.8	87	112	87	112	92	-4.4	1.5	18	71	7.2	-1	-1.5	1.9	1.2	\$208	
NHZP849	HAZELDEAN P849	APR	NHZJ140	13/08/2018	7.3	6.8	2.6	4.8	85	117	85	117	111	-6.1	1.6	37	76	3	-0.5	-1.7	0.4	2.4	\$193	
NHZP922	HAZELDEAN P922	APR	NHZF1023	17/08/2018	4.2	3.2	4.6	5.1	87	95	87	95	63	-5.7	2.4	-4	67	8.1	3.7	1.2	-1.8	4.2	\$232	
				<b>TACE APRIL 2022 BREED AVERAGE EBVS</b>				<b>2.9</b>	<b>3.1</b>	<b>4.1</b>	<b>50</b>	<b>89</b>	<b>116</b>	<b>100</b>	<b>-4.7</b>	<b>2</b>	<b>7</b>	<b>66</b>	<b>6</b>	<b>0</b>	<b>-0.4</b>	<b>0.4</b>	<b>1.9</b>	<b>\$192</b>



**REFERENCE SIRES 2022 AUTUMN BULL SALE EBV SUMMARY**

**TACE APRIL 2022**

id	name	reg	sire_id	birth_date	CE	DI	CE D	Bwt	200	400	600	Mwt	DC	SS	DOC	Cwt	EMA	Rib	P8	RBV	IMF	\$A+
NHZP924	HAZELDEAN P924	APR	VLYC402	17/08/2018	9.8	3.4	0.3	38	70	91	78	-4.2	2.1	33	56	8.3	-0.5	-1.9	0.6	3.5	\$194	
NHZP94	HAZELDEAN P94	HBR	USA16710463	6/08/2018	0.1	5.8	3.9	53	88	114	85	-2.5	2.7	-6	77	9.5	-2.9	-3.5	3.5	1.1	\$220	
NHZP985	HAZELDEAN P985	APR	NHZL21	20/08/2018	4.6	4.1	1.9	37	68	98	54	-1.6	2.5	33	54	4	0.4	0.5	-0.5	2.6	\$183	
NORH708	RENNYLEA H708	APR	NORC511	7/08/2012	-5.4	-1.5	4.8	49	100	129	122	-3.6	2.7	11	72	11	-3.1	-5.1	1.6	6.2	\$208	
NOR1474	RENNYLEA J474	HBR	BNAD145	16/08/2013	-6.5	-2	4.9	45	72	107	102	-8.3	2.9	-3	69	1.7	-0.5	1.6	-1	4.4	\$185	
NZE19507	STORTH OAKS JACK J7	HBR	VTME343	22/07/2013	7.2	8.8	4.5	59	110	153	142	-3.5	3.5	14	82	6.2	1	-1.3	-0.6	2.8	\$199	
QLLM602	GLENOCH-JK MAKAHU M602	HBR	NZE14647008	6/08/2016	5.1	0.9	5	59	105	134	132	-6.4	4.7	9	76	6.5	2	-1.3	0.3	2.7	\$208	
USA17960	BALDRIDGE BEAST MODE B07	HBR	USA16295688	7/02/2014	6.9	7.3	3.5	75	121	151	123	-6.3	2.7	21	77	5.3	-1.2	-2.3	1	2.7	\$309	
<b>TACE APRIL 2022 BREED AVERAGE EBVS</b>																						
					<b>2.9</b>	<b>3.1</b>	<b>4.1</b>	<b>50</b>	<b>89</b>	<b>116</b>	<b>100</b>	<b>-4.7</b>	<b>2</b>	<b>7</b>	<b>66</b>	<b>6</b>	<b>0</b>	<b>-0.4</b>	<b>0.4</b>	<b>1.9</b>	<b>\$192</b>	



**2022 AUTUMN BULL SALE EBV SUMMARY**  
**TACE APRIL 2022**

LOT	ID	name	reg	sire_id	birth_date	CE Diff	CE DT	Bwt	200	400	600	Mwt	DC	SS	DOC	Cwt	EMA	Rib	P8	RBY	IMF	\$A+	
1	NHR401	HAZELDEAN R401	APR	NORH708	22/07/2020	8.1	6.3	0.5	40	88	115	123	-6.2	3	9	66	6.8	2.2	2.2	1.1	-1.7	4.7	\$176
2	NHR248	HAZELDEAN R248	APR	QLLM602	17/07/2020	9.6	7.4	3.1	51	90	123	108	-4.7	3.8	-1	73	3.9	-0.5	-3.4	0.6	3.4	3.4	\$208
3	NHR68	HAZELDEAN R68	APR	NORH708	12/07/2020	3.4	2.1	5.2	51	100	136	133	-6.4	3	-1	74	7.7	-0.9	-2.5	1.4	4	4	\$216
4	NHR222	HAZELDEAN R222	HBR	USA17960	17/07/2020	1.5	5.5	5	72	124	156	139	-5.7	1.9	30	84	4.9	0.3	-0.6	0.7	1.7	1.7	\$265
5	NHR55	HAZELDEAN R55	APR	NHZM46	12/07/2020	2.6	2.7	4.1	53	101	138	131	-5.3	0.8	-14	85	8.3	-0.4	-1.6	0.5	1.9	1.9	\$191
6	NHR5	HAZELDEAN R5	APR	NHZM182	7/07/2020	3.6	6.4	4.3	50	99	131	120	-5.7	2.5	40	80	5.1	-0.1	-0.1	0.3	2.7	2.7	\$204
7	NHR445	HAZELDEAN R445	APR	USA17960	27/07/2020	2.2	6.4	5.6	65	119	148	132	-6	3.5	3	75	2.6	-3.6	-3.2	1.7	2.4	2.4	\$245
8	NHR597	HAZELDEAN R597	APR	NHZP143	4/08/2020	7.3	4.7	4.1	54	120	156	153	-7	2	-	98	-0.2	-2	-1.5	-0.4	2.6	2.6	\$193
9	NHR948	HAZELDEAN R948	APR	NHZP598	25/07/2020	5.9	2	2.7	47	94	118	102	-6.2	3.7	-3	75	5.4	0.9	-0.1	-0.9	3.9	3.9	\$205
10	NHR1278	HAZELDEAN R1278	APR	NHZP728	20/08/2020	1.9	5.7	5.9	54	95	123	103	-6.2	2.9	24	73	6.6	-1.5	-1.4	2	1.3	2.13	\$213
11	NHR1611	HAZELDEAN R1611	APR	NHZM182	12/08/2020	-1.4	2.6	5.3	49	89	127	133	-3.2	2.3	49	69	2.7	-1.2	-1.4	0.4	1.7	1.7	\$135
12	NHR33	HAZELDEAN R33	APR	NHZK416	10/07/2020	9.2	4.7	3.2	54	100	135	128	-8.5	4.4	31	81	1.8	1.5	0	-0.6	2.1	2.1	\$202
13	NHR114	HAZELDEAN R114	APR	NHZM182	14/07/2020	5.5	6.5	2.7	44	88	124	114	-5	2.7	39	71	1.3	-0.9	0.1	-0.1	2.1	2.1	\$172
14	NHR362	HAZELDEAN R362	APR	NORH708	21/07/2020	-6.1	-2.7	6.8	57	98	131	134	-6.4	2.3	12	77	6.1	-0.7	-2.6	0.2	3.6	3.6	\$184
15	NHR752	HAZELDEAN R752	APR	NHZN508	12/09/2020	7.8	9	1.7	48	88	112	93	-6.3	3.2	19	62	2.8	3.3	2.7	-1.4	2.2	2.2	\$206
16	NHR776	HAZELDEAN R776	APR	NHZK416	29/06/2020	7	7.4	3	52	88	116	108	-6.6	1.5	35	78	6.2	1	-0.7	1	1.2	1.2	\$209
17	NHR1381	HAZELDEAN R1381	APR	NHZP159	30/08/2020	2.6	3.9	5.7	56	96	127	112	-7.9	1.9	9	75	4.5	0.3	-0.7	-0.2	2.4	2.4	\$216
18	NHR1557	HAZELDEAN R1557	APR	NHZF1023	12/08/2020	4	3.9	2.5	49	90	112	86	-6.4	2.4	-9	63	6.6	1.6	-0.4	-1.6	5	5	\$230
19	NHR274	HAZELDEAN R274	HBR	USA17960	18/07/2020	7	7.7	1.7	65	108	142	119	-4.8	4.5	24	77	8	-0.3	-2	1.2	3.3	3.3	\$278
20	NHR148	HAZELDEAN R148	APR	QLLM602	15/07/2020	6.6	1.8	2.9	50	91	116	99	-4.5	1.8	20	74	8.9	1.5	-2	1.4	1.5	1.5	\$203
21	NHR438	HAZELDEAN R438	APR	NHZM182	26/07/2020	1	3	5.1	49	92	120	119	-2.5	1.9	37	80	4.7	-1.4	-1.2	0.4	2.1	2.1	\$156
22	NHR524	HAZELDEAN R524	APR	NHZP924	6/08/2020	7.9	3.6	1.1	39	75	94	81	-4.5	2.5	23	65	7.4	-1.3	-2.1	1.2	2.6	2.6	\$186
23	NHR1573	HAZELDEAN R1573	APR	NORJ474	12/08/2020	-4.9	-1.8	6	52	86	121	116	-8.3	4.6	2	74	2.6	-1.2	-0.5	1	1.9	1.9	\$179
24	NHR615	HAZELDEAN R615	APR	NHZP249	9/08/2020	7	5.4	3.4	50	92	125	111	-9.2	3.7	28	74	4.2	1	0.7	-0.2	1.9	1.9	\$211
25	NHR447	HAZELDEAN R447	APR	NHZM586	27/07/2020	5	8.6	3.7	48	88	118	119	-7.5	2	29	71	2.2	-1.2	-1	0.1	2.2	2.2	\$183
26	NHR779	HAZELDEAN R779	APR	NHZK416	2/07/2020	8.3	5.3	2.8	49	83	106	95	-11	3.4	19	75	3.1	3.2	1.9	-0.5	1.4	1.4	\$211
27	NHR1587	HAZELDEAN R1587	APR	NORJ474	12/08/2020	-6.6	-2.4	4.2	46	80	107	107	-5.5	2	26	61	3.8	-0.1	0.7	-0.6	3.2	3.2	\$162
28	NHR312	HAZELDEAN R312	APR	NZE19507	19/07/2020	7.6	7	4.2	52	89	123	115	-6.9	2.4	-1	70	1.4	1.9	0.1	-1.4	2.7	2.7	\$195
29	NHR813	HAZELDEAN R813	APR	NHZM46	6/07/2020	8.8	4	0.3	44	84	108	82	-4	1.9	-9	67	6.1	-0.6	-1.8	0.9	2.4	2.4	\$211
30	NHR1152	HAZELDEAN R1152	APR	NHZF1023	19/07/2020	9.2	6.9	1.8	42	75	96	89	-4.8	2.3	-21	60	6.7	2.3	-0.6	-1.7	3.9	3.9	\$175
31	NHR1225	HAZELDEAN R1225	APR	NHZP1127	16/08/2020	8.1	0.7	1.9	37	67	81	56	-9.4	2.4	7	52	3	3.4	3.3	-1.2	1.8	1.8	\$194
32	NHR1602	HAZELDEAN R1602	APR	NORJ474	12/08/2020	0.3	-0.1	4.3	48	75	116	91	-5.5	2.9	2	66	2.4	-0.5	-0.4	0.5	2	2	\$195
33	NHR1471	HAZELDEAN R1471	APR	NHZP728	14/09/2020	5.1	7.1	3.7	45	80	104	83	-4.2	1.2	15	62	6.4	-0.9	-1.4	1.6	1.6	1.6	\$197
<b>TACE APRIL 2022 BREED AVERAGE EBVS</b>																							
						<b>2.9</b>	<b>3.1</b>	<b>4.1</b>	<b>50</b>	<b>89</b>	<b>116</b>	<b>100</b>	<b>-4.7</b>	<b>2</b>	<b>7</b>	<b>66</b>	<b>6</b>	<b>0</b>	<b>-0.4</b>	<b>0.4</b>	<b>1.9</b>	<b>\$192</b>	

**2022 AUTUMN BULL SALE EBV SUMMARY  
TACE APRIL 2022**

LOT	ID	name	reg	sire_id	birth_date	CE Diff	CE DT	Bwt	200	400	600	Mwt	DC	SS	DOC	Cwt	EMA	Rib	P8	RBY	IMF	\$A+
34	NHR1558	HAZELDEAN R1558	APR	NHZM182	6/09/2020	-2	0.8	4.6	49	88	123	114	-2.7	1.7	51	69	6.1	0.8	0.6	-0.7	2.8	\$165
35	NHR1372	HAZELDEAN R1372	APR	NHZP288	28/08/2020	5.8	1.9	4.1	49	87	111	97	-9.1	2.9	-10	65	6.2	1	-0.6	-0.3	3.2	\$218
36	NHR1297	HAZELDEAN R1297	APR	NHZP922	21/08/2020	-0.3	1.3	5.6	54	95	114	96	-5.5	2	15	71	7.2	0.6	-0.5	0.1	2.4	\$205
37	NHR28	HAZELDEAN R28	APR	NHZF1023	10/07/2020	4.3	2	4.2	46	80	97	81	-5.9	3.2	12	69	9.8	1.8	0.1	-0.2	3.5	\$207
38	NHR281	HAZELDEAN R281	APR	NHZM182	18/07/2020	0.2	3.7	4.9	55	98	128	110	-7.2	4.4	33	79	3.9	-0.1	-0.4	0.1	3.4	\$226
39	NHR357	HAZELDEAN R357	APR	NHZK416	21/07/2020	8.8	3.5	3.4	56	91	116	98	-9.6	2.5	25	71	2	4.2	4.4	-1.9	1.1	\$227
40	NHR428	HAZELDEAN R428	APR	USA17960	24/07/2020	9.7	11	0.9	65	119	153	130	-7.7	4	13	82	4.4	-0.4	-0.9	0	2.2	\$271
41	NHR580	HAZELDEAN R580	APR	NHZP1201	13/08/2020	5.3	4.9	3.8	51	97	126	113	-6.9	0.6	0	76	5.1	0.1	-1.6	0.2	2.5	\$212
42	NHR1182	HAZELDEAN R1182	HBR	NHZP16	9/08/2020	-0.8	0.9	6.5	62	110	147	131	-4.5	2.9	35	87	6.2	-2.2	-2.4	1.4	2.6	\$222
43	NHR1185	HAZELDEAN R1185	APR	NHZP39	10/08/2020	1.1	-0.6	3.8	47	88	107	98	-4.2	2.2	16	61	8.4	-2.2	-1.9	1.8	2.2	\$188
44	NHR1299	HAZELDEAN R1299	APR	NHZP1044	22/08/2020	8.9	5.7	2	41	84	114	89	-6.2	3.2	2	61	6.5	0.3	0.3	0.3	2	\$194
45	NHR1579	HAZELDEAN R1579	APR	NHZM182	6/09/2020	-3.8	-1.3	5.4	56	103	137	143	-3.9	2.8	51	78	5.5	-0.5	-1.9	0.7	2.3	\$167
46	NHR1591	HAZELDEAN R1591	APR	NORJ474	6/09/2020	-2.4	-1.6	2.8	44	77	103	95	-6.3	2.8	26	57	4.9	1.7	2.1	-0.6	2.6	\$176
47	NHR1662	HAZELDEAN R1662	APR	NHZP35	12/08/2020	0	-1.2	5.7	51	90	122	122	-6.5	3.5	-	73	5.1	-0.1	-1.3	0.4	2.6	\$173
48	NHR156	HAZELDEAN R156	APR	NHZM182	15/07/2020	6.6	5.8	0.9	34	69	89	56	-6.4	1.7	37	56	3.4	0	0.5	-0.5	3.2	\$202
49	NHR175	HAZELDEAN R175	APR	QLLM602	15/07/2020	4.7	3.7	4.2	53	94	120	113	-6.2	4.1	19	69	6.3	-0.8	-1.1	1.7	1.6	\$207
50	NHR435	HAZELDEAN R435	APR	USA17960	25/07/2020	3.1	5.2	2.9	62	106	134	109	-4.9	2.5	21	76	5.2	-1.8	-3.2	1.8	1.7	\$251
51	NHR683	HAZELDEAN R683	HBR	NHZP119	27/08/2020	1	8.7	4.7	45	79	100	73	-6.7	1.6	0	55	5.7	1.1	2.1	0.4	2	\$214
52	NHR965	HAZELDEAN R965	APR	NHZP709	28/07/2020	7.4	5.5	1.8	46	82	107	86	-6.6	3.5	23	63	9.4	1.2	0	-0.1	3.5	\$224
53	NHR1327	HAZELDEAN R1327	APR	NHZP655	24/08/2020	6.6	5.1	3.8	47	87	113	93	-6.5	3.1	-23	70	5.8	1.1	1	0.1	2.1	\$206
54	NHR1459	HAZELDEAN R1459	APR	NHZP468	12/09/2020	4.9	3.9	3.6	50	90	114	99	-8.1	2.6	12	67	5.6	1.5	0	-0.7	4.1	\$230
55	NHR1371	HAZELDEAN R1371	APR	NHZP924	28/08/2020	6.9	3.3	1.9	39	72	92	83	-4.7	1.1	25	57	5.6	0.3	-0.9	-0.2	2.9	\$176
56	NHR1651	HAZELDEAN R1651	APR	NHZP129	12/08/2020	1	1	5.5	52	91	117	97	-7.9	0.9	-	73	4.2	2.1	1.6	-1	2.4	\$211
57	NHR3	HAZELDEAN R3	APR	NORH708	7/07/2020	4.1	4.6	3.4	52	92	121	87	-7.1	4.2	26	75	5.2	0.9	-0.8	-0.6	4.1	\$245
58	NHR199	HAZELDEAN R199	APR	NHZM182	16/07/2020	5.2	3.2	3	40	75	108	90	-4.3	1.7	37	62	3.6	1.2	0.5	-0.8	2.3	\$165
59	NHR287	HAZELDEAN R287	APR	NHZM182	18/07/2020	3.3	7.4	3.5	42	75	98	104	-6	3	44	59	6.2	0.5	0.8	0.1	2.7	\$166
60	NHR479	HAZELDEAN R479	APR	USA17960	3/08/2020	-2.9	-1.9	5.4	63	107	137	110	-4.6	1.5	9	69	5	-1.6	-1.5	1.1	1.8	\$237
61	NHR1163	HAZELDEAN R1163	HBR	NHZP120	30/07/2020	4.6	0.6	4.6	54	96	137	125	-4.3	3.4	14	83	5.1	-0.9	-1.8	1.1	1.6	\$185
62	NHR1274	HAZELDEAN R1274	APR	NHZN394	19/08/2020	0.9	5.5	3.3	50	91	119	98	-4.5	5.2	5	72	7.1	1.4	-0.7	-0.7	4.2	\$205
63	NHR1328	HAZELDEAN R1328	APR	NHZP849	24/08/2020	4.9	2.6	3.4	45	78	107	92	-6.6	1.2	26	65	3.9	0	-1.1	0	2.9	\$202
64	NHR1528	HAZELDEAN R1528	APR	NHZP922	24/08/2020	1.1	1.9	5	50	84	104	67	-6.2	1.8	19	75	7.3	1.5	-1.5	0.1	2.7	\$222
65	NHR1567	HAZELDEAN R1567	APR	USA17960	12/08/2020	7.4	5.7	2	53	89	114	83	-7	2.8	13	60	4.3	0.2	-0.3	1	1.3	\$245
66	NHR2001	HAZELDEAN R2001	APR	NORH708	12/07/2020	8	2.4	1	42	82	106	97	-5.8	3.6	-	66	9.1	0.4	-1.6	1.5	3.1	\$206
<b>TACE APRIL 2022 BREED AVERAGE EBVS</b>																						
						<b>2.9</b>	<b>3.1</b>	<b>4.1</b>	<b>50</b>	<b>89</b>	<b>116</b>	<b>100</b>	<b>-4.7</b>	<b>2</b>	<b>7</b>	<b>66</b>	<b>6</b>	<b>0</b>	<b>-0.4</b>	<b>0.4</b>	<b>1.9</b>	<b>\$192</b>

**2022 AUTUMN BULL SALE EBV SUMMARY  
TACE APRIL 2022**

LOT	ID	name	reg	sire_id	birth_date	CE Diff	CE DT	Bwt	200	400	600	Mwt	DC	SS	DOC	Cwt	EMA	Rib	P8	RBY	IMF	\$A+
67	NHZR97	HAZELDEAN R97	APR	NHZM46	13/07/2020	3.1	-2.4	4.5	48	87	117	96	-8.4	2.3	2	73	5.3	0.8	-0.5	0.4	2	\$202
68	NHZR295	HAZELDEAN R295	APR	NHZM182	19/07/2020	2.9	2.3	3.6	44	84	112	79	-9.2	2.9	39	73	6.4	2.4	1.2	-0.7	2.8	\$216
69	NHZR522	HAZELDEAN R522	APR	NHZP39	6/08/2020	-4.4	0.5	6	55	99	130	123	-3.7	2.4	15	76	5.8	-1.6	-1.4	1.9	1	\$174
70	NHZR296	HAZELDEAN R296	APR	NHZM182	19/07/2020	6.4	6.5	2.5	42	74	100	71	-5.7	2.2	30	59	5.9	1.2	1.6	0.3	1.5	\$202
71	NHZR500	HAZELDEAN R500	APR	NHZP679	4/08/2020	2.1	4.3	3.7	45	78	102	95	-4.7	1.8	34	62	6	-0.2	-1.6	1.3	0.5	\$153
72	NHZR533	HAZELDEAN R533	APR	NHZP56	7/08/2020	9.6	6.3	0.1	35	69	87	69	-5.1	1.3	30	57	2.8	0	-0.9	-0.1	1.7	\$164
73	NHZR579	HAZELDEAN R579	APR	NHZP94	12/08/2020	-0.9	7.1	4.6	48	80	97	97	-2.5	1.2	-13	66	6.2	-0.8	-1.4	0.2	3.8	\$181
74	NHZR1193	HAZELDEAN R1193	APR	NHZP679	12/08/2020	5.6	-0.2	4.7	50	82	109	96	-2.9	2.2	33	68	6.1	-1.1	-2.4	1.7	1.5	\$182
75	NHZR1315	HAZELDEAN R1315	APR	NHZP328	24/08/2020	6.5	6.3	3.1	46	84	108	95	-5.8	2.1	-9	67	6.2	-0.1	-0.7	0.5	1.8	\$191
76	NHZR1424	HAZELDEAN R1424	APR	NHZP985	4/09/2020	4.8	2.4	2.5	38	72	97	52	-4	2.9	18	64	6	1	1	0.1	2	\$194
77	NHZR1443	HAZELDEAN R1443	APR	NHZP328	8/09/2020	7.1	6.2	3.5	53	97	124	120	-5.3	1.8	-22	78	6.3	1.3	0.6	-0.6	2.5	\$201
78	NHZR1488	HAZELDEAN R1488	APR	NHZP924	20/09/2020	3.7	2.8	2.4	39	69	85	87	-5.1	1.9	5	50	5.3	0	-0.6	0.1	2.8	\$165
<b>TACE APRIL 2022 BREED AVERAGE EBVS</b>																						
						<b>2.9</b>	<b>3.1</b>	<b>4.1</b>	<b>50</b>	<b>89</b>	<b>116</b>	<b>100</b>	<b>-4.7</b>	<b>2</b>	<b>7</b>	<b>66</b>	<b>6</b>	<b>0</b>	<b>-0.4</b>	<b>0.4</b>	<b>1.9</b>	<b>\$192</b>



# AUTUMN 2022

# SALE BULLS

## 1 HAZELDEAN R401<sup>SV</sup> (APR) (AI) Born: 22/07/2020 Society Ident.: NHZR401

G A R PREDESTINED  
RENNYLEA C511  
RENNYLEA W449  
**Sire: RENNYLEA NORH708**  
TE MANIA AFRICA A217  
RENNYLEA E176  
RENNYLEA B124

TE MANIA YORKSHIRE Y437  
TE MANIA BERKLEY B1  
TE MANIA LOWAN Z53  
**Dam: HAZELDEAN F553**  
HAZELDEAN Y868  
HAZELDEAN A792  
HAZELDEAN V963

AMFU NHFU CAFU DDFU

Front	Rear	Front	Rear	F	W	MUSCLE	TEMP.	SHEATH
6	6	6	6	5	5	C+	2	4

TRANSTASMAN ANGUS CATTLE EVALUATION - APRIL 2022																						
TACE	CALVING EASE				GROWTH & MATERNAL				FERTILITY		CWT	CARCASE						Angus Index	Dom	Heavy Grain	Heavy Grass	
	DIR	DTRS	GL	B Wt	200	400	600	MWt	Milk	SS	DC	C Wt	EMA	RIB	RUMP	RBY%	IMF%					Doc.
EBV	+8.1	+6.3	-0.2	+0.5	+40	+88	+115	+123	+17	+3	-6.2	+66	+6.8	+2.2	+1.1	-1.7	+4.7	+9	+176	+136	+250	+169
ACC%	61%	56%	84%	74%	72%	72%	73%	72%	69%	72%	51%	69%	67%	71%	68%	69%	67%	62%				

Exceptional calving ease up to breed average growth. Suitable for heifers and top 1% for IMF. \*Used as a yearling in the Hazeldean 2021 Spring Joining\*

Purchaser..... Price.....

## 2 HAZELDEAN R248<sup>SV</sup> (APR) Born: 17/07/2020 Society Ident.: NHZR248

SCHURRTOP REALITY X723  
MATAURI REALITY 839  
MATAURI 06663  
**Sire: GLENOCH-JK MAKAHU QLLM602**  
GLENOCH HINMAN H221  
GLENOCH-JK ANN K615  
GLENOCH-JK ANN F606

S A F FOCUS OF E R  
TE MANIA YORKSHIRE Y437  
TE MANIA LOWAN U275  
**Dam: HAZELDEAN G1038**  
LAWSONS DINKY-DI Z191  
HAZELDEAN E314  
HAZELDEAN Y912

AMFU NHFU CAFU DDFU

Front	Rear	Front	Rear	F	W	MUSCLE	TEMP.	SHEATH
6	5	6	5	5	5	C+	1	4

TRANSTASMAN ANGUS CATTLE EVALUATION - APRIL 2022																						
TACE	CALVING EASE				GROWTH & MATERNAL				FERTILITY		CWT	CARCASE						Angus Index	Dom	Heavy Grain	Heavy Grass	
	DIR	DTRS	GL	B Wt	200	400	600	MWt	Milk	SS	DC	C Wt	EMA	RIB	RUMP	RBY%	IMF%					Doc.
EBV	+9.6	+7.4	-7.3	+3.1	+51	+90	+123	+108	+20	+3.8	-4.7	+73	+3.9	-0.5	-3.4	+0.6	+3.4	-1	+208	+161	+286	+194
ACC%	58%	52%	71%	73%	72%	71%	72%	69%	64%	72%	44%	65%	63%	68%	65%	64%	63%	60%				

A spread of EBVs that everyone like to see, nothing too extreme, but solid performance. Top 4% for calving ease direct and scrotal size. Top 10% for IMF. Out of a very proven Te Mania Yorkshire cow. Suitable for heifers \*Used as a yearling in the Hazeldean 2021 Spring Joining\*

Purchaser..... Price.....

## 3 HAZELDEAN R68<sup>PV</sup> (APR) (AI) Born: 12/07/2020 Society Ident.: NHZR68

G A R PREDESTINED  
RENNYLEA C511  
RENNYLEA W449  
**Sire: RENNYLEA NORH708**  
TE MANIA AFRICA A217  
RENNYLEA E176  
RENNYLEA B124

RENNYLEA EDMUND E11  
HAZELDEAN KRAKATOA K455  
HAZELDEAN H362  
**Dam: HAZELDEAN M1086**  
TE MANIA BERKLEY B1  
HAZELDEAN H838  
HAZELDEAN BANDO B578

AMFU NHFU CA1% DDFU

Front	Rear	Front	Rear	F	W	MUSCLE	TEMP.	SHEATH
6	6	5	6	5	6	C+	2	4

TRANSTASMAN ANGUS CATTLE EVALUATION - APRIL 2022																						
TACE	CALVING EASE				GROWTH & MATERNAL				FERTILITY		CWT	CARCASE						Angus Index	Dom	Heavy Grain	Heavy Grass	
	DIR	DTRS	GL	B Wt	200	400	600	MWt	Milk	SS	DC	C Wt	EMA	RIB	RUMP	RBY%	IMF%					Doc.
EBV	+3.4	+2.1	-6.5	+5.2	+51	+100	+136	+133	+13	+3	-6.4	+74	+7.7	-0.9	-2.5	+1.4	+4	-1	+216	+173	+288	+205
ACC%	60%	54%	84%	73%	71%	71%	72%	70%	66%	72%	48%	68%	65%	70%	66%	68%	65%	60%				

A big powerful son of H708 and the EBV's match his type! Plenty of growth, carcass, EMA and very good structural EBV's. Top 4% for IMF. \*Used as a yearling in the Hazeldean 2021 Spring Joining\*

Purchaser..... Price.....

**Top 5%**    **Top 10%**    **Top 30%**

Ranking in Angus Aust. April 2022

**4 HAZELDEAN R222<sup>SV</sup> (HBR) (AI)** Born: 17/07/2020  
Society Ident.: NHZR222

C R A BEXTOR 872 5205 608  
G A R PROPHET  
G A R OBJECTIVE 1885  
Sire: BALDRIDGE BEAST MODE B074  
STYLES UPGRADE J59  
BALDRIDGE ISABEL Y69  
BALDRIDGE ISABEL T935

CONNELLY REFLECTION USA14528330  
JINDRA DOUBLE VISION 16748826  
HOFF RACHEL 8312405  
Dam: HAZELDEAN L54  
L T 598 BANDO 9074  
HAZELDEAN E24  
HAZELDEAN C42

AMFU NHFU CAFU DDFU

Front	Rear	Front	Rear	F	W	MUSCLE	TEMP.	SHEATH
7	7	6	7	6	5	C+	1	4

TRANSTASMAN ANGUS CATTLE EVALUATION - APRIL 2022																							
TACE	CALVING EASE				GROWTH & MATERNAL					FERTILITY		CWT	CARCASE						Angus Index	Dom	Heavy Grain	Heavy Grass	
	DIR	DTRS	GL	B Wt	200	400	600	MWt	Milk	SS	DC	C Wt	EMA	RIB	RUMP	RBY%	IMF%	Doc.					
EBV	+1.5	+5.5	-7.9	+5	+72	+124	+156	+139	+17	+1.9	-5.7	+84	+4.9	+0.3	-0.6	+0.7	+1.7	+30	+265	+228	+349	+246	
ACC%	62%	53%	84%	74%	72%	72%	73%	71%	67%	73%	43%	67%	65%	69%	66%	66%	65%	60%					

Beastmode son out of a Double Vision cow makes for some very attractive EBV reading! Ample growth, with the mature cow weight being much lower than 600d. Top 1% for 400d, top 4% for docility EBV, great gestation length EBV. Very attractive prospect here, one of the best bulls in his group.  
\*Used as a yearling in the Hazeldean 2021 Spring Joining\*

Purchaser..... Price.....

**5 HAZELDEAN R55<sup>SV</sup> (APR)** Born: 12/07/2020  
Society Ident.: NHZR55

ARDROSSAN EQUATOR A241  
BOWMONT JACKPOT SRKJ310  
ARDROSSAN WILCOOLA Z31  
Sire: HAZELDEAN M46  
RENNYLEA EDMUND E11  
HAZELDEAN K452  
HAZELDEAN H1001

EF COMPLEMENT 8088  
MILLWILLAH COMPLEMENT NJWK108  
MILWILLAH MITTAGONG H257  
Dam: HAZELDEAN N253  
JINDRA DOUBLE VISION 16748826  
HAZELDEAN L555  
HAZELDEAN F475

AMFU NHFU CAFU DDFU

Front	Rear	Front	Rear	F	W	MUSCLE	TEMP.	SHEATH
7	6	7	6	5	5	C+	2	4

TRANSTASMAN ANGUS CATTLE EVALUATION - APRIL 2022																							
TACE	CALVING EASE				GROWTH & MATERNAL					FERTILITY		CWT	CARCASE						Angus Index	Dom	Heavy Grain	Heavy Grass	
	DIR	DTRS	GL	B Wt	200	400	600	MWt	Milk	SS	DC	C Wt	EMA	RIB	RUMP	RBY%	IMF%	Doc.					
EBV	+2.6	+2.7	-7.5	+4.1	+53	+101	+138	+131	+22	+0.8	-5.3	+85	+8.3	-0.4	-1.6	+0.5	+1.9	-14	+191	+155	+249	+174	
ACC%	54%	46%	71%	71%	69%	69%	69%	66%	61%	70%	37%	63%	58%	65%	61%	61%	59%	55%					

Plenty of carcass about this bull, good growth and mature cow weight lower than 600d. Top 5% for carcass weight EBV. Suitable for heifers.  
\*Used as a yearling in the Hazeldean 2021 Spring Joining\*

Purchaser..... Price.....

**6 HAZELDEAN R5<sup>SV</sup> (APR) (AI)** Born: 07/07/2020  
Society Ident.: NHZR5

ARDROSSAN EQUATOR A241  
HAZELDEAN JAIPUR J140  
HAZELDEAN C33  
Sire: HAZELDEAN M182  
HAZELDEAN GUARDIAN G553  
HAZELDEAN K807  
HAZELDEAN G568

CONNELLY IMPRESSION  
MAR INNOVATION 251 USA16983331  
MAR FINAL KAHUNA 856  
Dam: HAZELDEAN N436  
TE MANIA BERKLEY B1  
HAZELDEAN G519  
HAZELDEAN Y1532

AMFU NHFU CAFU DDFU

Front	Rear	Front	Rear	F	W	MUSCLE	TEMP.	SHEATH
7	7	6	7	6	6	C+	2	4

TRANSTASMAN ANGUS CATTLE EVALUATION - APRIL 2022																							
TACE	CALVING EASE				GROWTH & MATERNAL					FERTILITY		CWT	CARCASE						Angus Index	Dom	Heavy Grain	Heavy Grass	
	DIR	DTRS	GL	B Wt	200	400	600	MWt	Milk	SS	DC	C Wt	EMA	RIB	RUMP	RBY%	IMF%	Doc.					
EBV	+3.6	+6.4	-10.1	+4.3	+50	+99	+131	+120	+18	+2.5	-5.7	+80	+5.1	-0.1	-0.1	+0.3	+2.7	+40	+204	+169	+266	+190	
ACC%	54%	45%	84%	73%	70%	70%	69%	66%	61%	71%	38%	64%	59%	65%	61%	62%	59%	55%					

A super impressive young bull here with all the balance and scope. You can see why he was used in the stud joining last year. This Maverick son is very quiet and scanned exceptionally well recently. Top 10% carcass weight EBV, top 1% for docility EBV, good growth and suitable for heifers. \*Used as a yearling in the Hazeldean 2021 Spring Joining\*

Purchaser..... Price.....

Top 5%      Top 10%      Top 30%

Ranking in Angus Aust. April 2022

**7 HAZELDEAN R445 SV (APR)** Born: 27/07/2020 Society Ident.: NHZR445

C R A BEXTOR 872 5205 608 S A F 598 BANDO 5175  
G A R PROPHET L T 598 BANDO 9074  
G A R OBJECTIVE 1885 MILL COULEE BARBARA K 323  
**Sire: BALDRIDGE BEAST MODE B074** **Dam: HAZELDEAN H453**  
STYLES UPGRADE J59 HAZELDEAN BOOMTIME D1150  
BALDRIDGE ISABEL Y69 HAZELDEAN F702  
BALDRIDGE ISABEL T935 HAZELDEAN W639

AMFU NHFU CAFU DDFU

Front	Rear	Front	Rear	F	W	MUSCLE	TEMP.	SHEATH
5	5	5	6	6	5	B-	2	5

TRANSTASMAN ANGUS CATTLE EVALUATION - APRIL 2022																							
TACE	CALVING EASE				GROWTH & MATERNAL					FERTILITY		CWT	CARCASE						Angus Index	Dom	Heavy Grain	Heavy Grass	
	DIR	DTRS	GL	B Wt	200	400	600	MWt	Milk	SS	DC	C Wt	EMA	RIB	RUMP	RBY%	IMF%	Doc.					
EBV	+2.2	+6.4	-1.1	+5.6	+65	+119	+148	+132	+15	+3.5	-6	+75	+2.6	-3.6	-3.2	+1.7	+2.4	+3	+245	+217	+320	+227	
ACC%	62%	54%	73%	74%	72%	72%	73%	71%	68%	73%	44%	67%	65%	69%	66%	66%	64%	61%					

Super punchy, growthy bull typical of the Beast Mode breeding. Top 2% for 400d EBV for the cow and calf operators reading this. Great indexes and used in the stud joining 2021.

Purchaser..... Price.....

**8 HAZELDEAN R597 PV (APR)** Born: 04/08/2020 Society Ident.: NHZR597

BOWMONT JACKPOT SRKJ310 BOOROOMOOKA UNDERTAKEN Y145  
HAZELDEAN M74 RENNYLEA EDMUND E11  
HAZELDEAN J100 LAWSONS HENRY VIII Y5  
**Sire: HAZELDEAN P143** **Dam: HAZELDEAN L25**  
RENNYLEA EDMUND E11 TE MANIA BERKLEY B1  
HAZELDEAN K37 HAZELDEAN J19  
HAZELDEAN H138 HAZELDEAN A913

AMFU NHFU CAFU DDFU

Front	Rear	Front	Rear	F	W	MUSCLE	TEMP.	SHEATH
6	6	6	6	5	6	C+	1	4

TRANSTASMAN ANGUS CATTLE EVALUATION - APRIL 2022																							
TACE	CALVING EASE				GROWTH & MATERNAL					FERTILITY		CWT	CARCASE						Angus Index	Dom	Heavy Grain	Heavy Grass	
	DIR	DTRS	GL	B Wt	200	400	600	MWt	Milk	SS	DC	C Wt	EMA	RIB	RUMP	RBY%	IMF%	Doc.					
EBV	+7.3	+4.7	-8	+4.1	+54	+120	+156	+153	+27	+2	-7	+98	-0.2	-2	-1.5	-0.4	+2.6	-	+193	+167	+254	+176	
ACC%	55%	51%	66%	69%	69%	68%	69%	67%	62%	68%	42%	65%	62%	67%	63%	65%	62%	-					

Plenty of calving ease to suit a heifer joining and top 1% and 2% 400d and 600d growth. A real curve bender! Great structure EBVs and milk. Suitable for heifers\*Used as a yearling in the Hazeldean 2021 Spring Joining\*

Purchaser..... Price.....

**9 HAZELDEAN R948 SV (APR)** Born: 25/07/2020 Society Ident.: NHZR948

TE MANIA BERKLEY B1 BOWMONT JACKPOT SRKJ310  
HAZELDEAN F1023 HAZELDEAN M187  
HAZELDEAN B723 HAZELDEAN K622  
**Sire: HAZELDEAN P598** **Dam: HAZELDEAN P1417**  
ARDROSSAN JUSTICE NAQJ93 RENNYLEA EDMUND E11  
HAZELDEAN M1119 HAZELDEAN L505  
HAZELDEAN J41 HAZELDEAN G489

AMFU NHFU CAFU DDFU

Front	Rear	Front	Rear	F	W	MUSCLE	TEMP.	SHEATH
7	6	6	6	5	5	C+	2	5

TRANSTASMAN ANGUS CATTLE EVALUATION - APRIL 2022																							
TACE	CALVING EASE				GROWTH & MATERNAL					FERTILITY		CWT	CARCASE						Angus Index	Dom	Heavy Grain	Heavy Grass	
	DIR	DTRS	GL	B Wt	200	400	600	MWt	Milk	SS	DC	C Wt	EMA	RIB	RUMP	RBY%	IMF%	Doc.					
EBV	+5.9	+2	-4.1	+2.7	+47	+94	+118	+102	+20	+3.7	-6.2	+75	+5.4	+0.9	-0.1	-0.9	+3.9	-3	+205	+167	+282	+193	
ACC%	50%	40%	58%	71%	65%	66%	62%	57%	51%	70%	34%	55%	49%	55%	51%	52%	50%	52%					

Frame and balance is shown in this F1023 grandson. Top 5% for scrotal size to ensure good fertility and top 4% for IMF. Suitable for heifers. \*Used as a yearling in the Hazeldean 2021 Spring Joining\*

Purchaser..... Price.....

Top 5%    Top 10%    Top 30%

Ranking in Angus Aust. April 2022

# AUTUMN 2022



# SALE BULLS

## 10 HAZELDEAN R1278 SV (APR)

Born: 20/08/2020  
Society Ident.: NHZR1278

ARDROSSAN EQUATOR A241  
HAZELDEAN JAIPUR J140  
HAZELDEAN C33  
Sire: HAZELDEAN P728  
DEER VALLEY ALL IN 2138  
HAZELDEAN L652  
HAZELDEAN G677

WK VEGAS USA15134963  
WKREPLAY USA16154968  
S A F PENELOPE P020 USA14871940  
Dam: HAZELDEAN F444  
HAZELDEAN T160  
HAZELDEAN W663  
HAZELDEAN T566

AMFU NHFU CAFU DDFU

Front	Rear	Front	Rear	F	W	MUSCLE	TEMP.	SHEATH
6	6	5	5	5	5	C+	1	5

### TRANSTASMAN ANGUS CATTLE EVALUATION - APRIL 2022

TACE	CALVING EASE				GROWTH & MATERNAL				FERTILITY		CWT	CARCASE						Angus Index	Dom	Heavy Grain	Heavy Grass	
	DIR	DTRS	GL	B Wt	200	400	600	MWt	Milk	SS	DC	C Wt	EMA	RIB	RUMP	RBY%	IMF%					Doc.
EBV	+1.9	+5.7	-3.3	+5.9	+54	+95	+123	+103	+19	+2.9	-6.2	+73	+6.6	-1.5	-1.4	+2	+1.3	+24	+213	+186	+266	+196
ACC%	52%	43%	63%	72%	67%	67%	65%	61%	55%	70%	40%	57%	51%	56%	53%	54%	52%	51%				

Lots of scope and length in this J140 grandson. Balanced EBVs with lots of maternal highlights. Top 8% for docility EBV top 5% for retail beef yield. \*Used as a yearling in the Hazeldean 2021 Spring Joining\*

Purchaser..... Price.....

## 11 HAZELDEAN R1611 PV (APR) (AI)(ET)

Born: 12/08/2020  
Society Ident.: NHZR1611

ARDROSSAN EQUATOR A241  
HAZELDEAN JAIPUR J140  
HAZELDEAN C33  
Sire: HAZELDEAN M182  
HAZELDEAN GUARDIAN G553  
HAZELDEAN K807  
HAZELDEAN G568

TC TOTAL 410  
HAZELDEAN HALYARD H506  
HAZELDEAN TOTAL C507  
Dam: HAZELDEAN K399  
TE MANIA BERKLEY B1  
G40  
HAZELDEAN A90

AMFU NHFU CAFU DDFU

Front	Rear	Front	Rear	F	W	MUSCLE	TEMP.	SHEATH
7	6	6	6	5	5	C+	2	4

### TRANSTASMAN ANGUS CATTLE EVALUATION - APRIL 2022

TACE	CALVING EASE				GROWTH & MATERNAL				FERTILITY		CWT	CARCASE						Angus Index	Dom	Heavy Grain	Heavy Grass	
	DIR	DTRS	GL	B Wt	200	400	600	MWt	Milk	SS	DC	C Wt	EMA	RIB	RUMP	RBY%	IMF%					Doc.
EBV	-1.4	+2.6	-0.4	+5.3	+49	+89	+127	+133	+17	+2.3	-3.2	+69	+2.7	-1.2	-1.4	+0.4	+1.7	+49	+135	+103	+182	+119
ACC%	56%	47%	72%	75%	73%	73%	72%	69%	63%	73%	40%	67%	61%	67%	63%	64%	61%	57%				

Very powerful and shapely Maverick son. Great structural EBVS. Lots of punch for your cows in a docile package. \*Used as a yearling in the Hazeldean 2021 Spring Joining\*

Purchaser..... Price.....

## 12 HAZELDEAN R33 SV (APR)

Born: 10/07/2020  
Society Ident.: NHZR33

BOOROOMOOKA UNDERTAKEN Y145  
RENNYLEA EDMUND E11  
LAWSONS HENRY VIII Y5  
Sire: HAZELDEAN KATZEN K416  
TE MANIA BERKLEY B1  
HAZELDEAN H342  
HAZELDEAN F15

ARDROSSAN EQUATOR A241  
HAZELDEAN JAIPUR J140  
HAZELDEAN C33  
Dam: HAZELDEAN N311  
S A V THUNDERBIRD 9061  
HAZELDEAN K479  
HAZELDEAN H1007

AMFU NHFU CAFU DDFU

Front	Rear	Front	Rear	F	W	MUSCLE	TEMP.	SHEATH
7	6	6	7	5	5	C+	2	5

### TRANSTASMAN ANGUS CATTLE EVALUATION - APRIL 2022

TACE	CALVING EASE				GROWTH & MATERNAL				FERTILITY		CWT	CARCASE						Angus Index	Dom	Heavy Grain	Heavy Grass	
	DIR	DTRS	GL	B Wt	200	400	600	MWt	Milk	SS	DC	C Wt	EMA	RIB	RUMP	RBY%	IMF%					Doc.
EBV	+9.2	+4.7	-6.8	+3.2	+54	+100	+135	+128	+22	+4.4	-8.5	+81	+1.8	+1.5	0	-0.6	+2.1	+31	+202	+166	+261	+187
ACC%	59%	51%	72%	72%	71%	71%	71%	69%	65%	72%	46%	68%	65%	69%	66%	67%	65%	58%				

Katzen son out of a J140 cow, this speaks for its self. Very quiet bull! Suitable for heifers with ample growth. \*Used as a yearling in the Hazeldean 2021 Spring Joining\*

Purchaser..... Price.....

Top 5%    Top 10%    Top 30%

Ranking in Angus Aust. April 2022

Proven Genetic Performance

www.hazeldean.com.au



# AUTUMN 2022

# SALE BULLS

## 13 HAZELDEAN R114<sup>SV</sup> (APR)

Born: 14/07/2020  
Society Ident.: NHZR114

ARDROSSAN EQUATOR A241  
HAZELDEAN JAIPUR J140  
HAZELDEAN C33  
Sire: HAZELDEAN M182  
HAZELDEAN GUARDIAN G553  
HAZELDEAN K807  
HAZELDEAN G568

LAWSONS TANK VLY B1155  
HAZELDEAN HARVEY H14  
HAZELDEAN FUTURA B393  
Dam: HAZELDEAN LENNON L925  
TE MANIA BERKLEY B1  
HAZELDEAN H338  
HAZELDEAN F356

AMFU NHFU CAFU DDFU

Front	Rear	Front	Rear	F	W	MUSCLE	TEMP.	SHEATH
6	6	6	6	5	6	C+	1	5

### TRANSTASMAN ANGUS CATTLE EVALUATION - APRIL 2022

TACE	CALVING EASE				GROWTH & MATERNAL				FERTILITY		CWT	CARCASE						Angus Index	Dom	Heavy Grain	Heavy Grass	
	DIR	DTRS	GL	B Wt	200	400	600	MWt	Milk	SS		DC	C Wt	EMA	RIB	RUMP	RBY%					IMF%
EBV	+5.5	+6.5	-6.9	+2.7	+44	+88	+124	+114	+17	+2.7	-5	+71	+1.3	-0.9	+0.1	-0.1	+2.1	+39	+172	+136	+220	+159
ACC%	55%	46%	71%	73%	71%	71%	70%	67%	62%	72%	40%	65%	60%	66%	62%	63%	60%	55%				

Another stamped by the hot young sire - Hazeldean Maverick. Very balanced EBV's, top 1% for docility and truck loads of calving ease. Suitable for heifers and \*Used as a yearling in the Hazeldean 2021 Spring Joining\*

Purchaser..... Price.....

## 14 HAZELDEAN R362<sup>SV</sup> (APR)

Born: 21/07/2020  
Society Ident.: NHZR362

G A R PREDESTINED  
RENNYLEA C511  
RENNYLEA W449  
Sire: RENNYLEA NORH708  
TE MANIA AFRICA A217  
RENNYLEA E176  
RENNYLEA B124

RENNYLEA EDMUND E11  
HAZELDEAN KATZEN K416  
HAZELDEAN H342  
Dam: HAZELDEAN N230  
RENNYLEA EDMUND E11  
HAZELDEAN L2004  
HAZELDEAN J3045

AMFU NHFU CAFU DDFU

Front	Rear	Front	Rear	F	W	MUSCLE	TEMP.	SHEATH
7	6	6	6	5	6	C	2	5

### TRANSTASMAN ANGUS CATTLE EVALUATION - APRIL 2022

TACE	CALVING EASE				GROWTH & MATERNAL				FERTILITY		CWT	CARCASE						Angus Index	Dom	Heavy Grain	Heavy Grass	
	DIR	DTRS	GL	B Wt	200	400	600	MWt	Milk	SS		DC	C Wt	EMA	RIB	RUMP	RBY%					IMF%
EBV	-6.1	-2.7	-1.4	+6.8	+57	+98	+131	+134	+8	+2.3	-6.4	+77	+6.1	-0.7	-2.6	+0.2	+3.6	+12	+184	+144	+257	+168
ACC%	60%	54%	72%	72%	70%	70%	71%	69%	65%	71%	47%	68%	65%	70%	66%	68%	66%	59%				

Well put together and balanced H708 son out of a Katzen female. Top 7% for IMF and a good carcass weight EBV. More suited to cows. \*Used as a yearling in the Hazeldean 2021 Spring Joining\*

Purchaser..... Price.....

## 15 HAZELDEAN R752<sup>SV</sup> (APR)

Born: 12/09/2020  
Society Ident.: NHZR752

RENNYLEA EDMUND E11  
HAZELDEAN KATZEN K416  
HAZELDEAN H342  
Sire: HAZELDEAN N508  
LEACHMAN BOOM TIME  
HAZELDEAN F307  
HAZELDEAN YELLOWSTONE A618

BASIN PAYWEIGHT 006S  
BASIN PAYWEIGHT 1682 USA17038724  
21AR O LASS 7017  
Dam: HAZELDEAN M891  
HAZELDEAN BOOMTIME D931  
HAZELDEAN G693  
HAZELDEAN A138

AMFU NHFU CAFU DDFU

Front	Rear	Front	Rear	F	W	MUSCLE	TEMP.	SHEATH
6	6	6	6	5	5	C+	2	5

### TRANSTASMAN ANGUS CATTLE EVALUATION - APRIL 2022

TACE	CALVING EASE				GROWTH & MATERNAL				FERTILITY		CWT	CARCASE						Angus Index	Dom	Heavy Grain	Heavy Grass	
	DIR	DTRS	GL	B Wt	200	400	600	MWt	Milk	SS		DC	C Wt	EMA	RIB	RUMP	RBY%					IMF%
EBV	+7.8	+9	-4.5	+1.7	+48	+88	+112	+93	+22	+3.2	-6.3	+62	+2.8	+3.3	+2.7	-1.4	+2.2	+19	+206	+170	+270	+191
ACC%	54%	47%	69%	73%	71%	70%	71%	68%	63%	71%	40%	65%	61%	67%	63%	64%	61%	51%				

Top 2% & 3% for rib and P8 fats, balanced growth with lots of calving ease. Sired by the very reliable Hazeldean worker bull in Hazeldean N508. Suitable for heifers \*Used as a yearling in the Hazeldean 2021 Spring Joining\*

Purchaser..... Price.....

Top 5%      Top 10%      Top 30%

Ranking in Angus Aust. April 2022

# AUTUMN 2022

# SALE BULLS

## 16 HAZELDEAN R776<sup>SV</sup> (APR) (AI)

Born: 29/06/2020  
Society Ident.: NHZR776

BOOROOMOOKA UNDERTAKEN Y145  
RENNYLEA EDMUND E11  
LAWSONS HENRY VIII Y5  
Sire: HAZELDEAN KATZEN K416  
TE MANIA BERKLEY B1  
HAZELDEAN H342  
HAZELDEAN F15

ARDROSSAN EQUATOR A241  
HAZELDEAN JAIPUR J140  
HAZELDEAN C33  
Dam: HAZELDEAN P385  
RENNYLEA NORF42  
H678  
HAZELDEAN D963

AMFU NHFU CAFU DDFU

Front	Rear	Front	Rear	F	W	MUSCLE	TEMP.	SHEATH
6	6	5	6	5	5	C+	2	4

### TRANSTASMAN ANGUS CATTLE EVALUATION - APRIL 2022

TACE	CALVING EASE				GROWTH & MATERNAL					FERTILITY		CWT	CARCASE						Angus Index	Dom	Heavy Grain	Heavy Grass
	DIR	DTRS	GL	B Wt	200	400	600	MWt	Milk	SS	DC	C Wt	EMA	RIB	RUMP	RBY%	IMF%	Doc.				
EBV	+7	+7.4	-10.8	+3	+52	+88	+116	+108	+22	+1.5	-6.6	+78	+6.2	+1	-0.7	+1	+1.2	+35	+209	+175	+266	+189
ACC%	59%	51%	72%	72%	70%	70%	70%	68%	64%	71%	46%	67%	64%	68%	66%	66%	65%	58%				

Katzen / J140 cross is very attractive for maternal traits in commercial cattle farming. Top 18% for milk, top 19% for days to calving, top 2% docility top 1% for gestation length. Very good structural EBVs. Suitable for heifers. \*Used as a yearling in the Hazeldean 2021 Spring Joining\*

Purchaser..... Price.....

## 17 HAZELDEAN R1381<sup>SV</sup> (APR)

Born: 30/08/2020  
Society Ident.: NHZR1381

SYDGEN BLACK PEARL 2006  
HAZELDEAN LAMBREQUIN L21  
HAZELDEAN J180  
Sire: HAZELDEAN P159  
CARABAR DOCKLANDS D62  
HAZELDEAN J204  
HAZELDEAN B416

TE MANIA YORKSHIRE Y437  
TE MANIA BERKLEY B1  
TE MANIA LOWAN Z53  
Dam: HAZELDEAN K672  
R/M ULTRA CASH FLOW 102  
HAZELDEAN CASHFLOW C833  
HAZELDEAN V447

AMFU NHFU CAF DDFU

Front	Rear	Front	Rear	F	W	MUSCLE	TEMP.	SHEATH
7	7	7	7	5	6	C+	2	4

### TRANSTASMAN ANGUS CATTLE EVALUATION - APRIL 2022

TACE	CALVING EASE				GROWTH & MATERNAL					FERTILITY		CWT	CARCASE						Angus Index	Dom	Heavy Grain	Heavy Grass
	DIR	DTRS	GL	B Wt	200	400	600	MWt	Milk	SS	DC	C Wt	EMA	RIB	RUMP	RBY%	IMF%	Doc.				
EBV	+2.6	+3.9	-5.3	+5.7	+56	+96	+127	+112	+17	+1.9	-7.9	+75	+4.5	+0.3	-0.7	-0.2	+2.4	+9	+216	+177	+281	+197
ACC%	50%	43%	55%	70%	64%	65%	62%	57%	53%	69%	38%	55%	50%	54%	52%	52%	50%	47%				

Very appealing son of Hazeldean L21 with fantastic maternal traits. Top 5% for milk EBV and days to calving. Plenty of growth with a low mature cow weight for those looking to keep cows moderate. \*Used as a yearling in the Hazeldean 2021 Spring Joining\*

Purchaser..... Price.....

## 18 HAZELDEAN R1557<sup>PV</sup> (APR) (AI)(ET)

Born: 12/08/2020  
Society Ident.: NHZR1557

TE MANIA YORKSHIRE Y437  
TE MANIA BERKLEY B1  
TE MANIA LOWAN Z53  
Sire: HAZELDEAN F1023  
HAZELDEAN FUTURA W133  
HAZELDEAN B723  
HAZELDEAN X375

C R A BEXTOR 872 5205 608  
G A R PROPHET  
G A R OBJECTIVE 1885  
Dam: HAZELDEAN J823  
HAZELDEAN CARDRONA C677  
HAZELDEAN G724

AMFU NHFU CAFU DDFU

Front	Rear	Front	Rear	F	W	MUSCLE	TEMP.	SHEATH
6	6	5	5	5	5	C+	1	5

### TRANSTASMAN ANGUS CATTLE EVALUATION - APRIL 2022

TACE	CALVING EASE				GROWTH & MATERNAL					FERTILITY		CWT	CARCASE						Angus Index	Dom	Heavy Grain	Heavy Grass
	DIR	DTRS	GL	B Wt	200	400	600	MWt	Milk	SS	DC	C Wt	EMA	RIB	RUMP	RBY%	IMF%	Doc.				
EBV	+4	+3.9	-4.5	+2.5	+49	+90	+112	+86	+21	+2.4	-6.4	+63	+6.6	+1.6	-0.4	-1.6	+5	-9	+230	+178	+334	+219
ACC%	61%	54%	70%	75%	74%	74%	74%	71%	66%	74%	48%	70%	66%	71%	67%	67%	66%	65%				

Classic Hazeldean F1023 son here, plenty of calving ease with excellent structural EBVs. We have been selling F1023 sons for 5 years now, he has over 500 progeny in Angus Australia - a very proven bull. F1023 sons have very few issues and excellent longevity. Top 1% for IMF top 4% for foot angle EBV. Suitable for heifers. \*Used as a yearling in the Hazeldean 2021 Spring Joining\*

Purchaser..... Price.....

Top 5%      Top 10%      Top 30%

Ranking in Angus Aust. April 2022

**Proven Genetic Performance**

www.hazeldean.com.au

**19 HAZELDEAN R274<sup>SV</sup> (HBR)**

Born: 18/07/2020  
Society Ident.: NHZR274

C R A BEXTOR 872 5205 608  
G A R PROPHET  
G A R OBJECTIVE 1885  
Sire: BALDRIDGE BEAST MODE B074  
STYLES UPGRADE J59  
BALDRIDGE ISABEL Y69  
BALDRIDGE ISABEL T935

SUMMITCREST COMPLETE 1P55  
KM BROKEN BOW 002  
SUMMITCREST PRINCESS 0P12  
Dam: HAZELDEAN K97  
WKREPLAY USA16154968  
HAZELDEAN F103

AMFU NHFU CAFU DDFU

Front	Rear	Front	Rear	F	W	MUSCLE	TEMP.	SHEATH
6	5	5	6	5	5	C+	1	4

**TRANSTASMAN ANGUS CATTLE EVALUATION - APRIL 2022**

TACE	CALVING EASE				GROWTH & MATERNAL				FERTILITY		CWT	CARCASE						Angus Index	Dom	Heavy Grain	Heavy Grass	
	DIR	DTRS	GL	B Wt	200	400	600	MWt	Milk	SS	DC	C Wt	EMA	RIB	RUMP	RBY%	IMF%					Doc.
EBV	+7	+7.7	-5.1	+1.7	+65	+108	+142	+119	+20	+4.5	-4.8	+77	+8	-0.3	-2	+1.2	+3.3	+24	+278	+221	+383	+268
ACC%	62%	54%	72%	74%	73%	72%	73%	71%	68%	73%	44%	67%	65%	69%	66%	66%	65%	59%				

HBR Beast Mode son. A special type of bull here. Awesome birth to growth - down to a low mature cow weight. Exceptional structural EBV's and very good maternal traits. A performance bull with phenotype to match data. One not to miss - he could be one of the best bulls in the book.

Purchaser..... Price.....

**20 HAZELDEAN R148<sup>SV</sup> (APR)**

Born: 15/07/2020  
Society Ident.: NHZR148

SCHURRTOP REALITY X723  
MATAURI REALITY 839  
MATAURI 06663  
Sire: GLENOCH-JK MAKAHU QLLM602  
GLENOCH HINMAN H221  
GLENOCH-JK ANN K615  
GLENOCH-JK ANN F606

BOOROOMOOKA UNDERTAKEN Y145  
RENNYLEA EDMUND E11  
LAWSONS HENRY VIII Y5  
Dam: HAZELDEAN L300  
ARDROSSAN ADMIRAL A2  
HAZELDEAN D420  
HAZELDEAN Z993

AMFU NHFU CAFU DDFU

Front	Rear	Front	Rear	F	W	MUSCLE	TEMP.	SHEATH
5	5	5	5	5	5	C+	1	3

**TRANSTASMAN ANGUS CATTLE EVALUATION - APRIL 2022**

TACE	CALVING EASE				GROWTH & MATERNAL				FERTILITY		CWT	CARCASE						Angus Index	Dom	Heavy Grain	Heavy Grass	
	DIR	DTRS	GL	B Wt	200	400	600	MWt	Milk	SS	DC	C Wt	EMA	RIB	RUMP	RBY%	IMF%					Doc.
EBV	+6.6	+1.8	-7.6	+2.9	+50	+91	+116	+99	+17	+1.8	-4.5	+74	+8.9	+1.5	-2	+1.4	+1.5	+20	+203	+175	+260	+186
ACC%	59%	53%	71%	73%	71%	71%	71%	68%	63%	72%	45%	66%	64%	69%	65%	66%	64%	58%				

By a promising first season sire in JK Makahu - solid spread of EBVs whilst being very sound, balanced heifer bull. Very good structural EBVs, docility and EMA.

Purchaser..... Price.....

**21 HAZELDEAN R438<sup>SV</sup> (APR)**

Born: 26/07/2020  
Society Ident.: NHZR438

ARDROSSAN EQUATOR A241  
HAZELDEAN JAIPUR J140  
HAZELDEAN C33  
Sire: HAZELDEAN M182  
HAZELDEAN GUARDIAN G553  
HAZELDEAN K807  
HAZELDEAN G568

CONNELLY REFLECTION USA14528330  
JINDRA DOUBLE VISION 16748826  
HOFF RACHEL 8312405  
Dam: HAZELDEAN L680  
TE MANIA INFINITY 04 379 AB  
HAZELDEAN F552  
HAZELDEAN A662

AMFU NHFU CAFU DDFU

Front	Rear	Front	Rear	F	W	MUSCLE	TEMP.	SHEATH
6	5	6	6	5	5	C+	1	4

**TRANSTASMAN ANGUS CATTLE EVALUATION - APRIL 2022**

TACE	CALVING EASE				GROWTH & MATERNAL				FERTILITY		CWT	CARCASE						Angus Index	Dom	Heavy Grain	Heavy Grass	
	DIR	DTRS	GL	B Wt	200	400	600	MWt	Milk	SS	DC	C Wt	EMA	RIB	RUMP	RBY%	IMF%					Doc.
EBV	+1	+3	-1.9	+5.1	+49	+92	+120	+119	+18	+1.9	-2.5	+80	+4.7	-1.4	-1.2	+0.4	+2.1	+37	+156	+129	+210	+136
ACC%	55%	46%	70%	73%	70%	70%	69%	66%	61%	71%	40%	64%	59%	65%	61%	62%	59%	56%				

Some of more to come from Hazeldean Maverick this year. This bull exhibits great spring off spine, big top, great muscle definition with a supple skin. Mature cow weight is lower than 600d, he has great structural EBVs.

Purchaser..... Price.....

**Top 5%    Top 10%    Top 30%**

Ranking in Angus Aust. April 2022

# AUTUMN 2022



# SALE BULLS

## 22 HAZELDEAN R524<sup>SV</sup> (APR)

Born: 06/08/2020  
Society Ident.: NHZR524

G A R SOLUTION  
LAWSONS INVINCIBLE C402  
LAWSONS PREDESTINED A598  
Sire: HAZELDEAN P924  
RENNYLEA EDMUND E11  
HAZELDEAN LANDERS L439  
HAZELDEAN H419

PAPA EQUATOR 2928  
ARDROSSAN EQUATOR A241  
ARDROSSAN PRINCESS W38  
Dam: HAZELDEAN H846  
HAZELDEAN FUTURA W133  
HAZELDEAN A913  
HAZELDEAN X567

AMFU NHFU CAFU DDFU

Front	Rear	Front	Rear	F	W	MUSCLE	TEMP.	SHEATH
7	6	6	7	6	5	C	1	5

### TRANSTASMAN ANGUS CATTLE EVALUATION - APRIL 2022

TACE	CALVING EASE				GROWTH & MATERNAL					FERTILITY		CWT	CARCASE						Angus Index	Dom	Heavy Grain	Heavy Grass
	DIR	DTRS	GL	B Wt	200	400	600	MWt	Milk	SS	DC		C Wt	EMA	RIB	RUMP	RBY%	IMF%				
EBV	+7.9	+3.6	-4.2	+1.1	+39	+75	+94	+81	+15	+2.5	-4.5	+65	+7.4	-1.3	-2.1	+1.2	+2.6	+23	+186	+156	+245	+172
ACC%	54%	48%	57%	72%	66%	63%	62%	61%	57%	58%	42%	57%	53%	57%	55%	55%	53%	53%				

Very docile and great shaped, offers substance and shape with exceptional calving ease. Suitable for heifers.

Purchaser..... Price.....

## 23 HAZELDEAN R1573<sup>E</sup> (APR) (AI)(ET)

Born: 12/08/2020  
Society Ident.: NHZR1573

TE MANIA AMBASSADOR A134  
TUWHARETOA REGENT D145  
LAWSONS HENRY VIII Y5  
Sire: RENNYLEA NORJ474  
TE MANIA UNLIMITED U3271  
RENNYLEA C310  
RENNYLEA Z369

SITZ ALLIANCE 6595  
KCF BENNETT TOTAL USA13687063  
EXT OF CONANGA 6790  
Dam: HAZELDEAN TOTAL C507  
IRONWOOD NEW LEVEL  
HAZELDEAN A657

AMFU NHFU CAFU DDFU

Front	Rear	Front	Rear	F	W	MUSCLE	TEMP.	SHEATH
6	5	5	6	5	6	C+	1	3

### TRANSTASMAN ANGUS CATTLE EVALUATION - APRIL 2022

TACE	CALVING EASE				GROWTH & MATERNAL					FERTILITY		CWT	CARCASE						Angus Index	Dom	Heavy Grain	Heavy Grass
	DIR	DTRS	GL	B Wt	200	400	600	MWt	Milk	SS	DC		C Wt	EMA	RIB	RUMP	RBY%	IMF%				
EBV	-4.9	-1.8	-0.4	+6	+52	+86	+121	+116	+19	+4.6	-8.3	+74	+2.6	-1.2	-0.5	+1	+1.9	+2	+179	+141	+231	+163
ACC%	60%	54%	73%	75%	73%	73%	74%	71%	67%	72%	48%	68%	65%	70%	66%	66%	65%	62%				

A bull exhibiting a bit more frame and scope, good capacity, great temperament. Top 1% for scrotal size EBV. Top 5% for days to calving.

Purchaser..... Price.....

## 24 HAZELDEAN R615<sup>PV</sup> (APR)

Born: 09/08/2020  
Society Ident.: NHZR615

ARDROSSAN EQUATOR A241  
HAZELDEAN JAIPUR J140  
HAZELDEAN C33  
Sire: HAZELDEAN P249  
RENNYLEA EDMUND E11  
HAZELDEAN L15  
HAZELDEAN J4

HAZELDEAN HALYARD H506  
HAZELDEAN KINGDOM K665  
HAZELDEAN G765  
Dam: HAZELDEAN M417  
CARABAR DOCKLANDS D62  
HAZELDEAN K331  
HAZELDEAN H332

AMFU NHFU CAFU DDFU

Front	Rear	Front	Rear	F	W	MUSCLE	TEMP.	SHEATH
6	6	6	6	5	6	C+	1	5

### TRANSTASMAN ANGUS CATTLE EVALUATION - APRIL 2022

TACE	CALVING EASE				GROWTH & MATERNAL					FERTILITY		CWT	CARCASE						Angus Index	Dom	Heavy Grain	Heavy Grass
	DIR	DTRS	GL	B Wt	200	400	600	MWt	Milk	SS	DC		C Wt	EMA	RIB	RUMP	RBY%	IMF%				
EBV	+7	+5.4	-6.3	+3.4	+50	+92	+125	+111	+22	+3.7	-9.2	+74	+4.2	+1	+0.7	-0.2	+1.9	+28	+211	+174	+266	+196
ACC%	49%	40%	55%	71%	64%	65%	62%	56%	50%	69%	34%	53%	47%	52%	49%	51%	48%	45%				

Cracking J140 traits here, top 2% days to calving, top 5% scrotal size and top 4% docility EBV. Smooth made calf with good shoulder and depth of side. Note has a little white near pizzle and an old pink eye scar offside.

Purchaser..... Price.....

Top 5%      Top 10%      Top 30%

Ranking in Angus Aust. April 2022

Proven Genetic Performance

www.hazeldean.com.au

**25 HAZELDEAN R447<sup>SV</sup> (APR)**

Born: 27/07/2020  
Society Ident.: NHZR447

ARDROSSAN EQUATOR A241  
HAZELDEAN JAIPUR J140  
HAZELDEAN C33  
Sire: HAZELDEAN MAGNUM M586  
RENNYLEA C574  
HAZELDEAN H356  
HAZELDEAN F573

L T 598 BANDO 9074  
HAZELDEAN BENEDICT B569  
HAZELDEAN Z563  
Dam: HAZELDEAN G909  
BONGONGO BULLETPROOF Z3  
HAZELDEAN D772  
HAZELDEAN B1053

AMFU NHFU CAFU DDFU

Front	Rear	Front	Rear	F	W	MUSCLE	TEMP.	SHEATH
5	5	5	5	4	5	C+	1	4

**TRANSTASMAN ANGUS CATTLE EVALUATION - APRIL 2022**

TACE	CALVING EASE				GROWTH & MATERNAL					FERTILITY		CWT	CARCASE						Angus Index	Dom	Heavy Grain	Heavy Grass
	DIR	DTRS	GL	B Wt	200	400	600	MWt	Milk	SS	DC	C Wt	EMA	RIB	RUMP	RBY%	IMF%	Doc.				
EBV	+5	+8.6	-6.7	+3.7	+48	+88	+118	+119	+13	+2	-7.5	+71	+2.2	-1.2	-1	+0.1	+2.2	+29	+183	+153	+235	+166
ACC%	56%	48%	71%	74%	71%	71%	71%	68%	64%	72%	43%	65%	62%	67%	64%	64%	62%	57%				

Very popular last year, Hazeldean Magnum sons are out and about - really doing a solid job, we have had some very positive feedback from Magnum sons. This bulls has good EBVs and is suitable for heifers.

Purchaser..... Price.....

**26 HAZELDEAN R779<sup>PV</sup> (APR) (AI)**

Born: 02/07/2020  
Society Ident.: NHZR779

BOOROOMOOKA UNDERTAKEN Y145  
RENNYLEA EDMUND E11  
LAWSONS HENRY VIII Y5  
Sire: HAZELDEAN KATZEN K416  
TE MANIA BERKLEY B1  
HAZELDEAN H342  
HAZELDEAN F15

ARDROSSAN EQUATOR A241  
HAZELDEAN KAYKO K790  
HAZELDEAN B520  
Dam: HAZELDEAN P880  
LAWSONS DINKY-DI Z191  
HAZELDEAN F384  
HAZELDEAN X418

AMFU NHFU CAFU DDF

Front	Rear	Front	Rear	F	W	MUSCLE	TEMP.	SHEATH
6	6	6	6	5	6	C+	2	4

**TRANSTASMAN ANGUS CATTLE EVALUATION - APRIL 2022**

TACE	CALVING EASE				GROWTH & MATERNAL					FERTILITY		CWT	CARCASE						Angus Index	Dom	Heavy Grain	Heavy Grass
	DIR	DTRS	GL	B Wt	200	400	600	MWt	Milk	SS	DC	C Wt	EMA	RIB	RUMP	RBY%	IMF%	Doc.				
EBV	+8.3	+5.3	-9.7	+2.8	+49	+83	+106	+95	+13	+3.4	-10.6	+75	+3.1	+3.2	+1.9	-0.5	+1.4	+19	+211	+183	+260	+194
ACC%	58%	51%	83%	73%	71%	71%	71%	69%	65%	72%	45%	67%	64%	69%	66%	66%	65%	57%				

Massive topline and width of loin, good easy fleshing son of Katzen. Top 3% gestation length to help your females calve early in the season - a real profit driver! No shock that days to calving is in the top 1%, very good fat EBVs also. This bull has mountains of fertility and productive maternal traits! Suitable for heifers.

Purchaser..... Price.....

**27 HAZELDEAN R1587 # (APR) (AI)(ET)**

Born: 12/08/2020  
Society Ident.: NHZR1587

TE MANIA AMBASSADOR A134  
TUWHARETOA REGENT D145  
LAWSONS HENRY VIII Y5  
Sire: RENNYLEA NORJ474  
TE MANIA UNLIMITED U3271  
RENNYLEA C310  
RENNYLEA Z369

BON VIEW NEW DESIGN 208  
TC TOTAL 410  
TC ERICA EILEEN 2047  
Dam: HAZELDEAN H308  
BOOROOMOOKA THEO T030  
HAZELDEAN THEO Y1254  
HAZELDEAN W522

AMFU NHFU CAFU DDFU

Front	Rear	Front	Rear	F	W	MUSCLE	TEMP.	SHEATH
7	6	5	6	4	6	C+	1	4

**TRANSTASMAN ANGUS CATTLE EVALUATION - APRIL 2022**

TACE	CALVING EASE				GROWTH & MATERNAL					FERTILITY		CWT	CARCASE						Angus Index	Dom	Heavy Grain	Heavy Grass
	DIR	DTRS	GL	B Wt	200	400	600	MWt	Milk	SS	DC	C Wt	EMA	RIB	RUMP	RBY%	IMF%	Doc.				
EBV	-6.6	-2.4	-2.7	+4.2	+46	+80	+107	+107	+18	+2	-5.5	+61	+3.8	-0.1	+0.7	-0.6	+3.2	+26	+162	+120	+231	+146
ACC%	56%	51%	64%	69%	69%	70%	67%	63%	59%	73%	43%	60%	58%	61%	59%	59%	58%	62%				

A more moderate frame, slick skin, easy doing son out of a well proven Hazeldean dam. Suitable for heifers and top 24% for IMF.

Purchaser..... Price.....

**Top 5%      Top 10%      Top 30%**

Ranking in Angus Aust. April 2022

**28 HAZELDEAN R312<sup>SV</sup> (APR) (AI)**

Born: 19/07/2020  
Society Ident.: NHZR312

TE MANIA BERKLEY B1  
TE MANIA EMPEROR E343  
TE MANIA LOWAN Z74  
Sire: STORTH OAKS JACK J7  
LAWSONS DINKY-DI Z191  
STORTH OAKS G183  
STORTH OAKS E210

SCHURRTOP REALITY X723  
MATAURI REALITY 839  
MATAURI 06663  
Dam: HAZELDEAN K828  
LEACHMAN BOOM TIME  
HAZELDEAN E609  
HAZELDEAN LEAD ON Z1160

AMFU NHFU CAFU DDFU

Front	Rear	Front	Rear	F	W	MUSCLE	TEMP.	SHEATH
7	5	5	5	5	6	C	1	4

**TRANSTASMAN ANGUS CATTLE EVALUATION - APRIL 2022**

TACE	CALVING EASE				GROWTH & MATERNAL				FERTILITY		CWT	CARCASE						Angus Index	Dom	Heavy Grain	Heavy Grass	
	DIR	DTRS	GL	B Wt	200	400	600	MWt	Milk	SS		DC	C Wt	EMA	RIB	RUMP	RBY%					IMF%
EBV	+7.6	+7	-6.3	+4.2	+52	+89	+123	+115	+15	+2.4	-6.9	+70	+1.4	+1.9	+0.1	-1.4	+2.7	-1	+195	+151	+260	+178
ACC%	59%	54%	84%	73%	71%	71%	72%	70%	66%	72%	47%	68%	66%	70%	67%	68%	66%	59%				

Great EBVs from Storth Oaks Jack - lots of them in the top 30%. Suitable for heifers and good IMF.

Purchaser..... Price.....

**29 HAZELDEAN R813<sup>SV</sup> (APR) (AI)**

Born: 06/07/2020  
Society Ident.: NHZR813

ARDROSSAN EQUATOR A241  
BOWMONT JACKPOT SRKJ310  
ARDROSSAN WILCOOLA Z31  
Sire: HAZELDEAN M46  
RENNYLEA EDMUND E11  
HAZELDEAN K452  
HAZELDEAN H1001

BASIN PAYWEIGHT 1682 USA17038724  
SPRING COVE PAYGRADE 5064  
SPRING COVE ELLA 064  
Dam: HAZELDEAN P318  
PLATTEMERE WEIGH UP K360  
HAZELDEAN M600  
HAZELDEAN G489

AMFU NHFU CAFU DDFU

Front	Rear	Front	Rear	F	W	MUSCLE	TEMP.	SHEATH
6	5	5	5	5	6	C+	1	4

**TRANSTASMAN ANGUS CATTLE EVALUATION - APRIL 2022**

TACE	CALVING EASE				GROWTH & MATERNAL				FERTILITY		CWT	CARCASE						Angus Index	Dom	Heavy Grain	Heavy Grass	
	DIR	DTRS	GL	B Wt	200	400	600	MWt	Milk	SS		DC	C Wt	EMA	RIB	RUMP	RBY%					IMF%
EBV	+8.8	+4	-6.1	+0.3	+44	+84	+108	+82	+29	+1.9	-4	+67	+6.1	-0.6	-1.8	+0.9	+2.4	-9	+211	+170	+285	+196
ACC%	53%	45%	84%	72%	69%	69%	69%	66%	60%	71%	37%	63%	58%	65%	61%	61%	58%	54%				

Calving ease specialist. Easy fleshing, moderate frame and very easy doing. He is in the top 1% for Milk EBV. Suitable for heifers.

Purchaser..... Price.....

**30 HAZELDEAN R1152<sup>SV</sup> (APR)**

Born: 19/07/2020  
Society Ident.: NHZR1152

TE MANIA YORKSHIRE Y437  
TE MANIA BERKLEY B1  
TE MANIA LOWAN Z53  
Sire: HAZELDEAN F1023  
HAZELDEAN FUTURA W133  
HAZELDEAN B723  
HAZELDEAN X375

SCHURRTOP REALITY X723  
MATAURI REALITY 839  
MATAURI 06663  
Dam: HAZELDEAN K825  
LEACHMAN BOOM TIME  
HAZELDEAN D1108  
HAZELDEAN Z941

AMFU NHFU CAF DDFU

Front	Rear	Front	Rear	F	W	MUSCLE	TEMP.	SHEATH
6	6	6	6	6	6	C+	2	4

**TRANSTASMAN ANGUS CATTLE EVALUATION - APRIL 2022**

TACE	CALVING EASE				GROWTH & MATERNAL				FERTILITY		CWT	CARCASE						Angus Index	Dom	Heavy Grain	Heavy Grass	
	DIR	DTRS	GL	B Wt	200	400	600	MWt	Milk	SS		DC	C Wt	EMA	RIB	RUMP	RBY%					IMF%
EBV	+9.2	+6.9	-5.3	+1.8	+42	+75	+96	+89	+14	+2.3	-4.8	+60	+6.7	+2.3	-0.6	-1.7	+3.9	-21	+175	+134	+248	+161
ACC%	58%	50%	63%	74%	69%	70%	68%	63%	60%	73%	47%	62%	59%	63%	61%	60%	60%	60%				

Bull with substance and length of rein. Lovely balance. Top 4% for IMF with heaps of calving ease. Top 5% for calving ease direct.

Purchaser..... Price.....

Top 5%    Top 10%    Top 30%

Ranking in Angus Aust. April 2022

# AUTUMN 2022



# SALE BULLS

## 31 HAZELDEAN R1225<sup>SV</sup> (APR)

Born: 16/08/2020  
Society Ident.: NHZR1225

CARABAR DOCKLANDS D62  
HAZELDEAN M777  
HAZELDEAN E538  
Sire: HAZELDEAN P1127  
RENNYLEA EDMUND E11  
HAZELDEAN L565  
HAZELDEAN F622

HAZELDEAN YELLOWSTONE A106  
HAZELDEAN NEW LEVEL D244  
HAZELDEAN Z223  
Dam: HAZELDEAN F653  
HAZELDEAN Y25  
HAZELDEAN A509  
HAZELDEAN Y522

AMFU NHFU CAFU DDFU

Front	Rear	Front	Rear	F	W	MUSCLE	TEMP.	SHEATH
7	6	6	6	5	5	C+	1	4

### TRANSTASMAN ANGUS CATTLE EVALUATION - APRIL 2022

TACE	CALVING EASE				GROWTH & MATERNAL					FERTILITY		CWT	CARCASE						Angus Index	Dom	Heavy Grain	Heavy Grass
	DIR	DTRS	GL	B Wt	200	400	600	MWt	Milk	SS	DC		C Wt	EMA	RIB	RUMP	RBY%	IMF%				
EBV	+8.1	+0.7	-6.1	+1.9	+37	+67	+81	+56	+18	+2.4	-9.4	+52	+3	+3.4	+3.3	-1.2	+1.8	+7	+194	+165	+241	+177
ACC%	47%	40%	50%	70%	64%	65%	63%	59%	55%	69%	34%	54%	47%	54%	50%	50%	48%	46%				

Plenty of calving ease here in a sound heifer bull package. Top 2% for days to calving, rib and P8.

Purchaser..... Price.....

## 32 HAZELDEAN R1602<sup>E</sup> (APR) (AI)(ET)

Born: 12/08/2020  
Society Ident.: NHZR1602

TE MANIA AMBASSADOR A134  
TUWHARETOA REGENT D145  
LAWSONS HENRY VIII Y5  
Sire: RENNYLEA NORJ474  
TE MANIA UNLIMITED U3271  
RENNYLEA C310  
RENNYLEA Z369

SITZ ALLIANCE 6595  
KCF BENNETT TOTAL USA13687063  
EXT OF CONANGA 6790  
Dam: HAZELDEAN TOTAL C507  
IRONWOOD NEW LEVEL  
HAZELDEAN A657

AMFU NHFU CAFU DDFU

Front	Rear	Front	Rear	F	W	MUSCLE	TEMP.	SHEATH
6	5	6	5	5	6	C+	1	4

### TRANSTASMAN ANGUS CATTLE EVALUATION - APRIL 2022

TACE	CALVING EASE				GROWTH & MATERNAL					FERTILITY		CWT	CARCASE						Angus Index	Dom	Heavy Grain	Heavy Grass
	DIR	DTRS	GL	B Wt	200	400	600	MWt	Milk	SS	DC		C Wt	EMA	RIB	RUMP	RBY%	IMF%				
EBV	+0.3	-0.1	-1	+4.3	+48	+75	+116	+91	+18	+2.9	-5.5	+66	+2.4	-0.5	-0.4	+0.5	+2	+2	+195	+139	+255	+181
ACC%	60%	53%	73%	75%	74%	74%	74%	71%	67%	72%	48%	68%	65%	70%	67%	67%	65%	62%				

Super sound and reliable bull from a very proven cow in C507. Good potential, long bodied, stands square, great outlook. Suitable for heifers.

Purchaser..... Price.....

## 33 HAZELDEAN R1471<sup>SV</sup> (APR)

Born: 14/09/2020  
Society Ident.: NHZR1471

ARDROSSAN EQUATOR A241  
HAZELDEAN JAIPUR J140  
HAZELDEAN C33  
Sire: HAZELDEAN P728  
DEER VALLEY ALL IN 2138  
HAZELDEAN L652  
HAZELDEAN G677

A A R TEN X 7008 S A  
HAZELDEAN JOHANNA J397  
HAZELDEAN CONNECTION D1103  
Dam: HAZELDEAN L747  
SITZ NEW DESIGN 458N  
HAZELDEAN E77  
HAZELDEAN Z341

AMFU NHFU CAFU DDFU

Front	Rear	Front	Rear	F	W	MUSCLE	TEMP.	SHEATH
6	5	5	5	4	6	C+	1	4

### TRANSTASMAN ANGUS CATTLE EVALUATION - APRIL 2022

TACE	CALVING EASE				GROWTH & MATERNAL					FERTILITY		CWT	CARCASE						Angus Index	Dom	Heavy Grain	Heavy Grass
	DIR	DTRS	GL	B Wt	200	400	600	MWt	Milk	SS	DC		C Wt	EMA	RIB	RUMP	RBY%	IMF%				
EBV	+5.1	+7.1	-4.5	+3.7	+45	+80	+104	+83	+17	+1.2	-4.2	+62	+6.4	-0.9	-1.4	+1.6	+1.6	+15	+197	+167	+250	+179
ACC%	50%	41%	60%	71%	65%	66%	63%	58%	53%	69%	37%	55%	50%	56%	52%	53%	50%	49%				

Balanced EBVs from this J140 grandson. Top 11% for calving ease daughters. Good width from behind with butt profile. Good temperament and suitable for heifers.

Purchaser..... Price.....

Top 5%    Top 10%    Top 30%

Ranking in Angus Aust. April 2022

Proven Genetic Performance

www.hazeldean.com.au

# AUTUMN 2022

# SALE BULLS

## 34 HAZELDEAN R1558 PV (APR) (AI)(ET)

Born: 12/08/2020  
Society Ident.: NHZR1558

ARDROSSAN EQUATOR A241  
HAZELDEAN JAIPUR J140  
HAZELDEAN C33  
Sire: HAZELDEAN M182  
HAZELDEAN GUARDIAN G553  
HAZELDEAN K807  
HAZELDEAN G568

BON VIEW NEW DESIGN 208  
TC TOTAL 410  
TC ERICA EILEEN 2047  
Dam: HAZELDEAN H308  
BOOROOMOOKA THEO T030  
HAZELDEAN THEO Y1254  
HAZELDEAN W522

AMFU NHFU CAFU DDFU

Front	Rear	Front	Rear	F	W	MUSCLE	TEMP.	SHEATH
7	6	6	6	5	5	C+	1	5

### TRANSTASMAN ANGUS CATTLE EVALUATION - APRIL 2022

TACE	CALVING EASE				GROWTH & MATERNAL				FERTILITY		CWT	CARCASE						Angus Index	Dom	Heavy Grain	Heavy Grass	
	DIR	DTRS	GL	B Wt	200	400	600	MWt	Milk	SS		DC	C Wt	EMA	RIB	RUMP	RBY%					IMF%
EBV	-2	+0.8	-3.3	+4.6	+49	+88	+123	+114	+18	+1.7	-2.7	+69	+6.1	+0.8	+0.6	-0.7	+2.8	+51	+165	+121	+229	+150
ACC%	56%	48%	70%	74%	72%	72%	71%	68%	62%	72%	41%	65%	59%	66%	61%	62%	60%	61%				

Great smooth skin type. Balanced EBVs, top 1% for docility EBV. Mature cow weight lower than 600d and good carcass merit.

Purchaser..... Price.....

## 35 HAZELDEAN R1372 SV (APR)

Born: 28/08/2020  
Society Ident.: NHZR1372

TE MANIA BERKLEY B1  
HAZELDEAN F1023  
HAZELDEAN B723  
Sire: HAZELDEAN P288  
MATAURI REALITY 839  
HAZELDEAN K674  
HAZELDEAN D684

KAROO W109 DIRECTION Z181  
CARABAR DOCKLANDS D62  
CARABAR BLACKCAP MARY B12  
Dam: HAZELDEAN J204  
HAZELDEAN LEAD ON Z166  
HAZELDEAN B416  
HAZELDEAN Y234

AMFU NHFU CAF DDFU

Front	Rear	Front	Rear	F	W	MUSCLE	TEMP.	SHEATH
6	6	6	6	5	5	C+	2	4

### TRANSTASMAN ANGUS CATTLE EVALUATION - APRIL 2022

TACE	CALVING EASE				GROWTH & MATERNAL				FERTILITY		CWT	CARCASE						Angus Index	Dom	Heavy Grain	Heavy Grass	
	DIR	DTRS	GL	B Wt	200	400	600	MWt	Milk	SS		DC	C Wt	EMA	RIB	RUMP	RBY%					IMF%
EBV	+5.8	+1.9	-7.1	+4.1	+49	+87	+111	+97	+16	+2.9	-9.1	+65	+6.2	+1	-0.6	-0.3	+3.2	-10	+218	+181	+288	+203
ACC%	52%	44%	58%	72%	67%	68%	64%	59%	55%	71%	39%	57%	51%	57%	53%	54%	52%	55%				

Docile and well balanced bull, top 23% for IMF and suitable for heifers.

Purchaser..... Price.....

## 36 HAZELDEAN R1297 SV (APR)

Born: 21/08/2020  
Society Ident.: NHZR1297

TE MANIA BERKLEY B1  
HAZELDEAN F1023  
HAZELDEAN B723  
Sire: HAZELDEAN P922  
G A R PROPHET  
HAZELDEAN J827  
HAZELDEAN G577

CONNELLY REFLECTION USA14528330  
JINDRA DOUBLE VISION 16748826  
HOFF RACHEL 8312405  
Dam: HAZELDEAN M650  
DUNOON EVIDENT E614  
HAZELDEAN H739  
HAZELDEAN A733

AMFU NHFU CAFU DDFU

Front	Rear	Front	Rear	F	W	MUSCLE	TEMP.	SHEATH
7	6	6	5	4	5	C+	1	5

### TRANSTASMAN ANGUS CATTLE EVALUATION - APRIL 2022

TACE	CALVING EASE				GROWTH & MATERNAL				FERTILITY		CWT	CARCASE						Angus Index	Dom	Heavy Grain	Heavy Grass	
	DIR	DTRS	GL	B Wt	200	400	600	MWt	Milk	SS		DC	C Wt	EMA	RIB	RUMP	RBY%					IMF%
EBV	-0.3	+1.3	-2.1	+5.6	+54	+95	+114	+96	+15	+2	-5.5	+71	+7.2	+0.6	-0.5	+0.1	+2.4	+15	+205	+178	+271	+185
ACC%	50%	41%	58%	71%	65%	66%	63%	58%	52%	70%	36%	55%	50%	55%	52%	52%	50%	51%				

Balanced and even type of commercial bull. F1023 grandson with a good outlook.

Purchaser..... Price.....

Top 5%      Top 10%      Top 30%

Ranking in Angus Aust. April 2022



**37 HAZELDEAN R28<sup>PV</sup> (APR)**

Born: 10/07/2020  
Society Ident.: NHZR28

TE MANIA YORKSHIRE Y437  
TE MANIA BERKLEY B1  
TE MANIA LOWAN Z53  
Sire: HAZELDEAN F1023  
HAZELDEAN FUTURA W133  
HAZELDEAN B723  
HAZELDEAN X375

RENNYLEA EDMUND E11  
HAZELDEAN LEVI L595  
HAZELDEAN D614  
Dam: HAZELDEAN N926  
HAZELDEAN NEW DESIGN D959  
HAZELDEAN F753  
HAZELDEAN B644

AMC NHFU CAFU DDFU

Front	Rear	Front	Rear	F	W	MUSCLE	TEMP.	SHEATH
6	6	6	6	5	5	C+	1	4

**TRANSTASMAN ANGUS CATTLE EVALUATION - APRIL 2022**

TACE	CALVING EASE				GROWTH & MATERNAL					FERTILITY		CWT	CARCASE						Angus Index	Dom	Heavy Grain	Heavy Grass
	DIR	DTRS	GL	B Wt	200	400	600	MWt	Milk	SS	DC		C Wt	EMA	RIB	RUMP	RBY%	IMF%				
EBV	+4.3	+2	-5.6	+4.2	+46	+80	+97	+81	+12	+3.2	-5.9	+69	+9.8	+1.8	+0.1	-0.2	+3.5	+12	+207	+172	+279	+193
ACC%	58%	50%	68%	72%	71%	70%	71%	68%	65%	67%	45%	67%	63%	69%	65%	65%	64%	56%				

Square and robust type bull with great balance and outlook. Typical of the F1023 sons, this bull is in the top 9% for marbling. Very good EMA also. Suitable for heifers. Note a little white near pizzle.

Purchaser..... Price.....

**38 HAZELDEAN R281<sup>SV</sup> (APR) (AI)**

Born: 18/07/2020  
Society Ident.: NHZR281

ARDROSSAN EQUATOR A241  
HAZELDEAN JAIPUR J140  
HAZELDEAN C33  
Sire: HAZELDEAN M182  
HAZELDEAN GUARDIAN G553  
HAZELDEAN K807  
HAZELDEAN G568

SUMMITCREST COMPLETE 1P55  
KM BROKEN BOW 002  
SUMMITCREST PRINCESS 0P12  
Dam: K1517  
HAZELDEAN B653  
HAZELDEAN Z520

AMFU NHFU CAFU DDFU

Front	Rear	Front	Rear	F	W	MUSCLE	TEMP.	SHEATH
6	6	6	6	5	6	C+	2	4

**TRANSTASMAN ANGUS CATTLE EVALUATION - APRIL 2022**

TACE	CALVING EASE				GROWTH & MATERNAL					FERTILITY		CWT	CARCASE						Angus Index	Dom	Heavy Grain	Heavy Grass
	DIR	DTRS	GL	B Wt	200	400	600	MWt	Milk	SS	DC		C Wt	EMA	RIB	RUMP	RBY%	IMF%				
EBV	+0.2	+3.7	-6.8	+4.9	+55	+98	+128	+110	+17	+4.4	-7.2	+79	+3.9	-0.1	-0.4	+0.1	+3.4	+33	+226	+183	+303	+213
ACC%	55%	46%	84%	73%	70%	70%	70%	66%	61%	67%	39%	64%	59%	65%	61%	62%	59%	55%				

Great balance and phenotype from Maverick here. Pleasing growth with top 2% scrotal size and docility EBV.

Purchaser..... Price.....

**39 HAZELDEAN R357<sup>SV</sup> (APR)**

Born: 21/07/2020  
Society Ident.: NHZR357

BOOROOMOOKA UNDERTAKEN Y145  
RENNYLEA EDMUND E11  
LAWSONS HENRY VIII Y5  
Sire: HAZELDEAN KATZEN K416  
TE MANIA BERKLEY B1  
HAZELDEAN H342  
HAZELDEAN F15

C R A BEXTOR 872 5205 608  
G A R PROPHET  
G A R OBJECTIVE 1885  
Dam: HAZELDEAN J827  
HAZELDEAN CARDRONA C677  
HAZELDEAN G577  
HAZELDEAN D566

AMFU NHFU CAC DDFU

Front	Rear	Front	Rear	F	W	MUSCLE	TEMP.	SHEATH
6	6	5	6	5	6	C+	1	4

**TRANSTASMAN ANGUS CATTLE EVALUATION - APRIL 2022**

TACE	CALVING EASE				GROWTH & MATERNAL					FERTILITY		CWT	CARCASE						Angus Index	Dom	Heavy Grain	Heavy Grass
	DIR	DTRS	GL	B Wt	200	400	600	MWt	Milk	SS	DC		C Wt	EMA	RIB	RUMP	RBY%	IMF%				
EBV	+8.8	+3.5	-5.5	+3.4	+56	+91	+116	+98	+21	+2.5	-9.6	+71	+2	+4.2	+4.4	-1.9	+1.1	+25	+227	+190	+288	+207
ACC%	60%	53%	71%	73%	72%	72%	73%	71%	67%	73%	47%	69%	65%	69%	67%	67%	66%	60%				

Suitable for heifers, this guy has a great skin, plenty of presence and depth. Good calving ease also.

Purchaser..... Price.....

Top 5%    Top 10%    Top 30%

Ranking in Angus Aust. April 2022

# AUTUMN 2022



# SALE BULLS

## 40 HAZELDEAN R428<sup>SV</sup> (APR)

Born: 24/07/2020  
Society Ident.: NHZR428

C R A BEXTOR 872 5205 608  
G A R PROPHET  
G A R OBJECTIVE 1885  
Sire: BALDRIDGE BEAST MODE B074  
STYLES UPGRADE J59  
BALDRIDGE ISABEL Y69  
BALDRIDGE ISABEL T935

ARDROSSAN ADMIRAL A2  
HAZELDEAN ADMIRAL D960  
HAZELDEAN X418  
Dam: HAZELDEAN G881  
HAZELDEAN RENAISSANCE R13  
HAZELDEAN B1382  
HAZELDEAN Z944

AMFU NHFU CAFU DDFU

Front	Rear	Front	Rear	F	W	MUSCLE	TEMP.	SHEATH
6	5	6	7	6	5	C+	1	4

### TRANSTASMAN ANGUS CATTLE EVALUATION - APRIL 2022

TACE	CALVING EASE				GROWTH & MATERNAL					FERTILITY		CWT	CARCASE						Angus Index	Dom	Heavy Grain	Heavy Grass
	DIR	DTRS	GL	B Wt	200	400	600	MWt	Milk	SS	DC	C Wt	EMA	RIB	RUMP	RBY%	IMF%	Doc.				
EBV	+9.7	+11	-2.4	+0.9	+65	+119	+153	+130	+21	+4	-7.7	+82	+4.4	-0.4	-0.9	0	+2.2	+13	+271	+229	+356	+258
ACC%	63%	56%	74%	75%	74%	73%	74%	72%	70%	74%	47%	69%	67%	71%	68%	68%	67%	61%				

BIIIIGG EBV spread here ladies and gentleman. 10 traits in the top 10% of the breed. Suitable for heifers, big growth and so much more.. Great sire appeal!

Purchaser..... Price.....

## 41 HAZELDEAN R580<sup>SV</sup> (APR)

Born: 13/08/2020  
Society Ident.: NHZR580

BOWMONT JACKPOT SRKJ310  
HAZELDEAN M187  
HAZELDEAN K622  
Sire: HAZELDEAN P1201  
HAZELDEAN JUSSIEU J139  
HAZELDEAN L832  
HAZELDEAN F332

BOOROOMOOKA UNDERTAKEN Y145  
RENNYLEA EDMUND E11  
LAWSONS HENRY VIII Y5  
Dam: HAZELDEAN K524  
TE MANIA BERKLEY B1  
HAZELDEAN H324  
HAZELDEAN TOTAL C516

AMFU NHFU CAFU DDFU

Front	Rear	Front	Rear	F	W	MUSCLE	TEMP.	SHEATH
6	5	5	6	5	6	C	2	4

### TRANSTASMAN ANGUS CATTLE EVALUATION - APRIL 2022

TACE	CALVING EASE				GROWTH & MATERNAL					FERTILITY		CWT	CARCASE						Angus Index	Dom	Heavy Grain	Heavy Grass
	DIR	DTRS	GL	B Wt	200	400	600	MWt	Milk	SS	DC	C Wt	EMA	RIB	RUMP	RBY%	IMF%	Doc.				
EBV	+5.3	+4.9	-5.8	+3.8	+51	+97	+126	+113	+18	+0.6	-6.9	+76	+5.1	+0.1	-1.6	+0.2	+2.5	0	+212	+177	+276	+193
ACC%	49%	42%	55%	70%	64%	65%	62%	57%	52%	70%	36%	54%	49%	54%	52%	52%	50%	45%				

A large framed and powerful young bull with plenty of presence! Balanced EBVs, mature cow EBV is lower than 600d EBV. Top 15% for days to calving. Suitable for heifers.

Purchaser..... Price.....

## 42 HAZELDEAN R1182<sup>SV</sup> (HBR)

Born: 09/08/2020  
Society Ident.: NHZR1182

G A R PROPHET  
BALDRIDGE BEAST MODE B074  
BALDRIDGE ISABEL Y69  
Sire: HAZELDEAN P16  
LAWSONS INVINCIBLE C402  
HAZELDEAN G90  
HAZELDEAN B4

ARDROSSAN EQUATOR A241  
HAZELDEAN JAIPUR J140  
HAZELDEAN C33  
Dam: HAZELDEAN M56  
LAWSONS INVINCIBLE C402  
HAZELDEAN J8  
HAZELDEAN DESIGN D300

AMFU NHFU CAFU DDFU

Front	Rear	Front	Rear	F	W	MUSCLE	TEMP.	SHEATH
7	7	6	7	5	5	C+	1	4

### TRANSTASMAN ANGUS CATTLE EVALUATION - APRIL 2022

TACE	CALVING EASE				GROWTH & MATERNAL					FERTILITY		CWT	CARCASE						Angus Index	Dom	Heavy Grain	Heavy Grass
	DIR	DTRS	GL	B Wt	200	400	600	MWt	Milk	SS	DC	C Wt	EMA	RIB	RUMP	RBY%	IMF%	Doc.				
EBV	-0.8	+0.9	-6	+6.5	+62	+110	+147	+131	+15	+2.9	-4.5	+87	+6.2	-2.2	-2.4	+1.4	+2.6	+35	+222	+182	+294	+205
ACC%	52%	44%	60%	72%	66%	67%	64%	60%	55%	70%	39%	56%	52%	57%	54%	55%	53%	48%				

One of the most attractive bulls in the sale. Lots of punch and power - easy on the eye! Quality written all over, supple skin, quality and type. 600d is in the top 5% with a much lower mature cow weight.

Purchaser..... Price.....

Top 5%    Top 10%    Top 30%

Ranking in Angus Aust. April 2022

Proven Genetic Performance

www.hazeldean.com.au

# AUTUMN 2022

# SALE BULLS

## 43 HAZELDEAN R1185 SV (APR)

Born: 10/08/2020  
Society Ident.: NHZR1185

SITZ UPWARD 307R  
KOUPLAS B&B IDENTITY  
B&B ERICA 605  
Sire: HAZELDEAN P39  
BON VIEW SPECTRUM 1176  
HAZELDEAN Y54  
HAZELDEAN R40+96

TE MANIA ULONG U41  
TE MANIA AFRICA A217  
TE MANIA JEDDA Y32  
Dam: HAZELDEAN G334  
HAZELDEAN THEO Y1282  
HAZELDEAN THEO B1250  
HAZELDEAN V799

AMFU NHFU CAFU DDFU

Front	Rear	Front	Rear	F	W	MUSCLE	TEMP.	SHEATH
7	6	6	7	6	6	C+	2	5

### TRANSTASMAN ANGUS CATTLE EVALUATION - APRIL 2022

TACE	CALVING EASE				GROWTH & MATERNAL				FERTILITY		CWT	CARCASE						Angus Index	Dom	Heavy Grain	Heavy Grass	
	DIR	DTRS	GL	B Wt	200	400	600	MWt	Milk	SS		DC	C Wt	EMA	RIB	RUMP	RBY%					IMF%
EBV	+1.1	-0.6	-7.1	+3.8	+47	+88	+107	+98	+19	+2.2	-4.2	+61	+8.4	-2.2	-1.9	+1.8	+2.2	+16	+188	+164	+248	+170
ACC%	52%	45%	56%	72%	66%	67%	64%	61%	56%	71%	41%	57%	52%	57%	54%	55%	53%	52%				

Well muscled throughout and good pattern. A very correct and suitable for heifers.

Purchaser..... Price.....

## 44 HAZELDEAN R1299 SV (APR)

Born: 22/08/2020  
Society Ident.: NHZR1299

BOWMONT JACKPOT SRKJ310  
HAZELDEAN M105  
HAZELDEAN K629  
Sire: HAZELDEAN P1044  
CARABAR DOCKLANDS D62  
HAZELDEAN L330  
HAZELDEAN A913

TE MANIA ULONG U41  
TE MANIA AFRICA A217  
TE MANIA JEDDA Y32  
Dam: HAZELDEAN H350  
HAZELDEAN NEW DESIGN D1052  
HAZELDEAN F529  
HAZELDEAN C78

AMFU NHFU CAFU DDFU

Front	Rear	Front	Rear	F	W	MUSCLE	TEMP.	SHEATH
6	6	6	7	5	6	C+	2	4

### TRANSTASMAN ANGUS CATTLE EVALUATION - APRIL 2022

TACE	CALVING EASE				GROWTH & MATERNAL				FERTILITY		CWT	CARCASE						Angus Index	Dom	Heavy Grain	Heavy Grass	
	DIR	DTRS	GL	B Wt	200	400	600	MWt	Milk	SS		DC	C Wt	EMA	RIB	RUMP	RBY%					IMF%
EBV	+8.9	+5.7	-7.9	+2	+41	+84	+114	+89	+22	+3.2	-6.2	+61	+6.5	+0.3	+0.3	+0.3	+2	+2	+194	+159	+242	+182
ACC%	51%	43%	59%	71%	66%	67%	64%	60%	54%	71%	37%	56%	50%	55%	52%	53%	51%	49%				

Respectable birth to growth, top 6 % for calving ease direct top 9% for gestation length. Well balanced on the page and in the flesh. Suitable for heifers.

Purchaser..... Price.....

## 45 HAZELDEAN R1579 PV (APR) (AI)(ET)

Born: 12/08/2020  
Society Ident.: NHZR1579

ARDROSSAN EQUATOR A241  
HAZELDEAN JAIPUR J140  
HAZELDEAN C33  
Sire: HAZELDEAN M182  
HAZELDEAN GUARDIAN G553  
HAZELDEAN K807  
HAZELDEAN G568

BON VIEW NEW DESIGN 208  
TC TOTAL 410  
TC ERICA EILEEN 2047  
Dam: HAZELDEAN H308  
BOOROOMOOKA THEO T030  
HAZELDEAN THEO Y1254  
HAZELDEAN W522

AMFU NHFU CAFU DDFU

Front	Rear	Front	Rear	F	W	MUSCLE	TEMP.	SHEATH
7	6	6	6	5	6	C+	1	4

### TRANSTASMAN ANGUS CATTLE EVALUATION - APRIL 2022

TACE	CALVING EASE				GROWTH & MATERNAL				FERTILITY		CWT	CARCASE						Angus Index	Dom	Heavy Grain	Heavy Grass	
	DIR	DTRS	GL	B Wt	200	400	600	MWt	Milk	SS		DC	C Wt	EMA	RIB	RUMP	RBY%					IMF%
EBV	-3.8	-1.3	-4.3	+5.4	+56	+103	+137	+143	+17	+2.8	-3.9	+78	+5.5	-0.5	-1.9	+0.7	+2.3	+51	+167	+135	+227	+149
ACC%	57%	48%	70%	74%	72%	72%	71%	68%	62%	72%	41%	66%	60%	66%	62%	63%	60%	61%				

A big top and plenty of presence sired by Hazeldean Maverick. Plenty of growth and punch, outstanding structural EBVs. Top 1% for docility EBV.

Purchaser..... Price.....

Top 5%      Top 10%      Top 30%

Ranking in Angus Aust. April 2022

# AUTUMN 2022

# SALE BULLS

## 46 HAZELDEAN R1591 PV (APR) (AI)(ET)

Born: 12/08/2020  
Society Ident.: NHZR1591

TE MANIA AMBASSADOR A134  
TUWHARETOA REGENT D145  
LAWSONS HENRY VIII Y5  
Sire: **RENNYLEA NORJ474**  
TE MANIA UNLIMITED U3271  
RENNYLEA C310  
RENNYLEA Z369

BON VIEW NEW DESIGN 208  
TC TOTAL 410  
TC ERICA EILEEN 2047  
Dam: **HAZELDEAN H308**  
BOOROOMOOKA THEO T030  
HAZELDEAN THEO Y1254  
HAZELDEAN W522

AMFU NHFU CAFU DDFU

Front	Rear	Front	Rear	F	W	MUSCLE	TEMP.	SHEATH
7	6	7	6	5	6	C	1	4

### TRANSTASMAN ANGUS CATTLE EVALUATION - APRIL 2022

TACE	CALVING EASE				GROWTH & MATERNAL				FERTILITY		CWT	CARCASE						Angus Index	Dom	Heavy Grain	Heavy Grass	
	DIR	DTRS	GL	B Wt	200	400	600	MWt	Milk	SS		DC	C Wt	EMA	RIB	RUMP	RBY%					IMF%
EBV	-2.4	-1.6	+0.5	+2.8	+44	+77	+103	+95	+19	+2.8	-6.3	+57	+4.9	+1.7	+2.1	-0.6	+2.6	+26	+176	+136	+237	+162
ACC%	59%	54%	70%	74%	73%	73%	73%	70%	65%	73%	45%	67%	64%	69%	66%	66%	64%	62%				

Free moving bull with lots of capacity. Suitable for heifers, low mature cow weight, very good rib and rump EBVs.

Purchaser..... Price.....

## 47 HAZELDEAN R1662 PV (APR)

Born: 12/08/2020  
Society Ident.: NHZR1662

RENNYLEA EDMUND E11  
ARDROSSAN JUSTICE NAQJ93  
ARDROSSAN EVERELDA AI(ET) NAQF6  
Sire: **HAZELDEAN P35**  
MILWILLAH GATSBY G279  
HAZELDEAN K199  
HAZELDEAN C33

RENNYLEA EDMUND E11  
HAZELDEAN LAZARIUS L606  
HAZELDEAN G794  
Dam: **HAZELDEAN N1077**  
TE MANIA BERKLEY B1  
HAZELDEAN H419  
HAZELDEAN F639

AMFU NHFU CAFU DDFU

Front	Rear	Front	Rear	F	W	MUSCLE	TEMP.	SHEATH
6	6	5	6	5	5	C+	2	4

### TRANSTASMAN ANGUS CATTLE EVALUATION - APRIL 2022

TACE	CALVING EASE				GROWTH & MATERNAL				FERTILITY		CWT	CARCASE						Angus Index	Dom	Heavy Grain	Heavy Grass	
	DIR	DTRS	GL	B Wt	200	400	600	MWt	Milk	SS		DC	C Wt	EMA	RIB	RUMP	RBY%					IMF%
EBV	0	-1.2	-3.3	+5.7	+51	+90	+122	+122	+16	+3.5	-6.5	+73	+5.1	-0.1	-1.3	+0.4	+2.6	-	+173	+139	+229	+156
ACC%	46%	41%	58%	60%	58%	57%	57%	55%	51%	51%	35%	52%	48%	54%	50%	52%	49%	-				

Good frame and scope, Top 7% for scrotal size to maintain fertility in your herd.

Purchaser..... Price.....

## 48 HAZELDEAN R156 SV (APR) (AI)

Born: 15/07/2020  
Society Ident.: NHZR156

ARDROSSAN EQUATOR A241  
HAZELDEAN JAIPUR J140  
HAZELDEAN C33  
Sire: **HAZELDEAN M182**  
HAZELDEAN GUARDIAN G553  
HAZELDEAN K807  
HAZELDEAN G568

WERNER WAR PARTY 2417  
VBR CHIEFTAN 3W21  
VBR 1ND9 OF 611 NEW DAY  
Dam: **HAZELDEAN N531**  
ARDROSSAN EQUATOR A241  
HAZELDEAN H927  
HAZELDEAN A913

AMFU NHFU CAFU DDFU

Front	Rear	Front	Rear	F	W	MUSCLE	TEMP.	SHEATH
5	5	5	5	5	5	C+	1	4

### TRANSTASMAN ANGUS CATTLE EVALUATION - APRIL 2022

TACE	CALVING EASE				GROWTH & MATERNAL				FERTILITY		CWT	CARCASE						Angus Index	Dom	Heavy Grain	Heavy Grass	
	DIR	DTRS	GL	B Wt	200	400	600	MWt	Milk	SS		DC	C Wt	EMA	RIB	RUMP	RBY%					IMF%
EBV	+6.6	+5.8	-4	+0.9	+34	+69	+89	+56	+23	+1.7	-6.4	+56	+3.4	0	+0.5	-0.5	+3.2	+37	+202	+161	+268	+189
ACC%	55%	46%	85%	73%	71%	71%	70%	67%	62%	72%	39%	65%	60%	66%	62%	63%	60%	55%				

Super sound and docile Maverick son, low birth weight and plenty of attractive maternal traits. Very good heifer bull.

Purchaser..... Price.....

Top 5%      Top 10%      Top 30%

Ranking in Angus Aust. April 2022

**Proven Genetic Performance**

www.hazeldean.com.au

**49 HAZELDEAN R175<sup>SV</sup> (APR)**

Born: 15/07/2020  
Society Ident.: NHZR175

SCHURRTOP REALITY X723  
MATAURI REALITY 839  
MATAURI 06663  
Sire: **GLENOCH-JK MAKAHU QLLM602**  
GLENOCH HINMAN H221  
GLENOCH-JK ANN K615  
GLENOCH-JK ANN F606

L T 598 BANDO 9074  
HAZELDEAN BANDO D955  
HAZELDEAN X384  
Dam: **HAZELDEAN F722**  
CONNEALY LEAD ON  
HAZELDEAN B987  
HAZELDEAN V914

AMFU NHFU CAFU DDFU

Front	Rear	Front	Rear	F	W	MUSCLE	TEMP.	SHEATH
7	6	6	7	6	5	B-	1	4

**TRANSTASMAN ANGUS CATTLE EVALUATION - APRIL 2022**

TACE	CALVING EASE				GROWTH & MATERNAL					FERTILITY		CWT	CARCASE						Angus Index	Dom	Heavy Grain	Heavy Grass
	DIR	DTRS	GL	B Wt	200	400	600	MWt	Milk	SS	DC		C Wt	EMA	RIB	RUMP	RBY%	IMF%				
EBV	+4.7	+3.7	-5.8	+4.2	+53	+94	+120	+113	+16	+4.1	-6.2	+69	+6.3	-0.8	-1.1	+1.7	+1.6	+19	+207	+180	+261	+190
ACC%	56%	49%	71%	74%	72%	71%	72%	69%	64%	73%	43%	65%	63%	68%	65%	64%	62%	58%				

Extra muscle and thickness, easy doing Makahu son. Great balance and suitable for heifers.

Purchaser..... Price.....

**50 HAZELDEAN R435<sup>SV</sup> (APR)**

Born: 25/07/2020  
Society Ident.: NHZR435

C R A BEXTOR 872 5205 608  
G A R PROPHET  
G A R OBJECTIVE 1885  
Sire: **BALDRIDGE BEAST MODE B074**  
STYLES UPGRADE J59  
BALDRIDGE ISABEL Y69  
BALDRIDGE ISABEL T935

MOHLEN DYNAMITE 1356  
KO DYNAMITE F80(AI)(ET) NZCF80  
KOA VICKY Z90(AI) NZCZ90  
Dam: **HAZELDEAN J1589**  
HAZELDEAN EPICURE E815  
HAZELDEAN G1542  
HAZELDEAN OB45 B168

AMFU NHFU CAFU DDFU

Front	Rear	Front	Rear	F	W	MUSCLE	TEMP.	SHEATH
6	6	6	6	5	5	C+	1	4

**TRANSTASMAN ANGUS CATTLE EVALUATION - APRIL 2022**

TACE	CALVING EASE				GROWTH & MATERNAL					FERTILITY		CWT	CARCASE						Angus Index	Dom	Heavy Grain	Heavy Grass
	DIR	DTRS	GL	B Wt	200	400	600	MWt	Milk	SS	DC		C Wt	EMA	RIB	RUMP	RBY%	IMF%				
EBV	+3.1	+5.2	-3.1	+2.9	+62	+106	+134	+109	+18	+2.5	-4.9	+76	+5.2	-1.8	-3.2	+1.8	+1.7	+21	+251	+213	+328	+232
ACC%	62%	54%	71%	74%	72%	72%	73%	71%	67%	73%	44%	68%	65%	69%	66%	66%	65%	59%				

A bull with plenty heart room and muscle definition. Great temperament. Beast Mode keeps on giving. High growth and low mature cow weight.

Purchaser..... Price.....

**51 HAZELDEAN R683 # (HBR)**

Born: 27/08/2020  
Society Ident.: NHZR683

CONNEALY IMPRESSION  
MAR INNOVATION 251 USA16983331  
MAR FINAL KAHUNA 856  
Sire: **HAZELDEAN P119**  
SYDGEN BLACK PEARL 2006  
HAZELDEAN L3  
HAZELDEAN J234

SYDGEN TRUST 6228  
SYDGEN BLACK PEARL 2006  
SYDGEN ANITA 8611  
Dam: **HAZELDEAN L46**  
G A R PROPHET  
HAZELDEAN J126  
HAZELDEAN D331

AMFU NHFU CAFU DDFU

Front	Rear	Front	Rear	F	W	MUSCLE	TEMP.	SHEATH
7	5	6	6	4	5	C+	1	4

**TRANSTASMAN ANGUS CATTLE EVALUATION - APRIL 2022**

TACE	CALVING EASE				GROWTH & MATERNAL					FERTILITY		CWT	CARCASE						Angus Index	Dom	Heavy Grain	Heavy Grass
	DIR	DTRS	GL	B Wt	200	400	600	MWt	Milk	SS	DC		C Wt	EMA	RIB	RUMP	RBY%	IMF%				
EBV	+1	+8.7	-5.5	+4.7	+45	+79	+100	+73	+18	+1.6	-6.7	+55	+5.7	+1.1	+2.1	+0.4	+2	0	+214	+180	+269	+197
ACC%	56%	50%	69%	72%	70%	70%	71%	69%	63%	71%	41%	65%	61%	67%	63%	64%	62%	54%				

A well made balanced bull with a good pattern. Top 4% for calving ease daughters. Note old pink eye scar on eye.

Purchaser..... Price.....

**Top 5%**    **Top 10%**    **Top 30%**

Ranking in Angus Aust. April 2022

## 52 HAZELDEAN R965<sup>PV</sup> (APR)

Born: 28/07/2020  
Society Ident.: NHZR965

TE MANIA BERKLEY B1  
HAZELDEAN F1023  
HAZELDEAN B723  
Sire: HAZELDEAN P709  
HAZELDEAN GUARANTOR G52  
HAZELDEAN M1192  
HAZELDEAN H321

HAZELDEAN JAIPUR J140  
HAZELDEAN M806  
HAZELDEAN F461  
Dam: HAZELDEAN P1206  
HAZELDEAN KALEIDOSCOPE K804  
HAZELDEAN M370  
HAZELDEAN K1630

AMFU NHFU CAFU DDFU

Front	Rear	Front	Rear	F	W	MUSCLE	TEMP.	SHEATH
6	5	6	6	4	5	C	2	4

### TRANSTASMAN ANGUS CATTLE EVALUATION - APRIL 2022

TACE	CALVING EASE				GROWTH & MATERNAL				FERTILITY		CWT	CARCASE						Angus Index	Dom	Heavy Grain	Heavy Grass	
	DIR	DTRS	GL	B Wt	200	400	600	MWt	Milk	SS	DC	C Wt	EMA	RIB	RUMP	RBY%	IMF%					Doc.
EBV	+7.4	+5.5	-2.6	+1.8	+46	+82	+107	+86	+20	+3.5	-6.6	+63	+9.4	+1.2	0	-0.1	+3.5	+23	+224	+177	+302	+214
ACC%	48%	39%	57%	70%	63%	64%	61%	56%	49%	68%	33%	53%	48%	55%	51%	51%	49%	43%				

Heifer bull in a stylish type, with good rein and lots of calving ease. Top 9% for IMF, top 11% for EMA.

Purchaser..... Price.....

## 53 HAZELDEAN R1327<sup>SV</sup> (APR)

Born: 24/08/2020  
Society Ident.: NHZR1327

S A V FINAL ANSWER 0035  
LD CAPITALIST 316  
LD DIXIE ERICA 2053  
Sire: HAZELDEAN P655  
HAZELDEAN JILLIBY J360  
HAZELDEAN L961  
HAZELDEAN H692

BOOROOMOOKA UNDERTAKEN Y145  
RENNYLEA EDMUND E11  
LAWSONS HENRY VIII Y5  
Dam: HAZELDEAN L406  
RENNYLEA NORF42  
HAZELDEAN J809  
HAZELDEAN G721

AMFU NHFU CAFU DDFU

Front	Rear	Front	Rear	F	W	MUSCLE	TEMP.	SHEATH
6	6	5	6	5	5	C+	2	4

### TRANSTASMAN ANGUS CATTLE EVALUATION - APRIL 2022

TACE	CALVING EASE				GROWTH & MATERNAL				FERTILITY		CWT	CARCASE						Angus Index	Dom	Heavy Grain	Heavy Grass	
	DIR	DTRS	GL	B Wt	200	400	600	MWt	Milk	SS	DC	C Wt	EMA	RIB	RUMP	RBY%	IMF%					Doc.
EBV	+6.6	+5.1	-3.8	+3.8	+47	+87	+113	+93	+17	+3.1	-6.5	+70	+5.8	+1.1	+1	+0.1	+2.1	-23	+206	+173	+260	+191
ACC%	51%	45%	59%	71%	65%	66%	63%	59%	54%	70%	39%	56%	52%	56%	53%	54%	52%	48%				

A more moderate bull with huge amounts of maternal strengths. Scrotal size, calving ease daughters and rib & rump fat.

Purchaser..... Price.....

## 54 HAZELDEAN R1459<sup>SV</sup> (APR)

Born: 12/09/2020  
Society Ident.: NHZR1459

TE MANIA BERKLEY B1  
HAZELDEAN F1023  
HAZELDEAN B723  
Sire: HAZELDEAN P468  
RENNYLEA EDMUND E11  
HAZELDEAN L390  
HAZELDEAN J761

WKREPLAY USA16154968  
HAZELDEAN FLAIR F493  
HAZELDEAN D786  
Dam: HAZELDEAN J352  
TE MANIA YORKSHIRE Y437  
HAZELDEAN F349  
HAZELDEAN X602

AMFU NHFU CAFU DDFU

Front	Rear	Front	Rear	F	W	MUSCLE	TEMP.	SHEATH
7	7	6	7	5	6	C+	1	4

### TRANSTASMAN ANGUS CATTLE EVALUATION - APRIL 2022

TACE	CALVING EASE				GROWTH & MATERNAL				FERTILITY		CWT	CARCASE						Angus Index	Dom	Heavy Grain	Heavy Grass	
	DIR	DTRS	GL	B Wt	200	400	600	MWt	Milk	SS	DC	C Wt	EMA	RIB	RUMP	RBY%	IMF%					Doc.
EBV	+4.9	+3.9	-5.4	+3.6	+50	+90	+114	+99	+15	+2.6	-8.1	+67	+5.6	+1.5	0	-0.7	+4.1	+12	+230	+186	+314	+217
ACC%	50%	42%	60%	71%	65%	66%	63%	60%	54%	70%	36%	55%	51%	57%	54%	54%	52%	48%				

Balanced type mixed with big performance. Low mature cow weight with good growth for those looking to moderate their females. Top 3% of the breed for IMF, top 6% for days to calving. Suitable for heifers.

Purchaser..... Price.....

Top 5%      Top 10%      Top 30%

Ranking in Angus Aust. April 2022

## 55 HAZELDEAN R1371 SV (APR)

Born: 28/08/2020  
Society Ident.: NHZR1371

G A R SOLUTION  
LAWSON'S INVINCIBLE C402  
LAWSON'S PREDESTINED A598  
Sire: HAZELDEAN P924  
RENNYLEA EDMUND E11  
HAZELDEAN LANDERS L439  
HAZELDEAN H419

BALDRIDGE KABOOM K243 KCF  
MOHNEN DYNAMITE 1356  
MOHNEN JILT 910  
Dam: HAZELDEAN H1628  
TE MANIA BERKLEY B1  
HAZELDEAN FIN F1110  
HAZELDEAN X1108

AMFU NHFU CAFU DDFU

Front	Rear	Front	Rear	F	W	MUSCLE	TEMP.	SHEATH
6	6	6	6	5	6	C+	2	5

### TRANSTASMAN ANGUS CATTLE EVALUATION - APRIL 2022

TACE	CALVING EASE				GROWTH & MATERNAL				FERTILITY		CWT	CARCASE						Angus Index	Dom	Heavy Grain	Heavy Grass	
	DIR	DTRS	GL	B Wt	200	400	600	MWt	Milk	SS		DC	C Wt	EMA	RIB	RUMP	RBY%					IMF%
EBV	+6.9	+3.3	-4.1	+1.9	+39	+72	+92	+83	+10	+1.1	-4.7	+57	+5.6	+0.3	-0.9	-0.2	+2.9	+25	+176	+142	+234	+160
ACC%	51%	46%	56%	63%	64%	65%	62%	59%	56%	70%	41%	56%	51%	56%	53%	54%	52%	50%				

Plenty of calving ease and a low birth weight bull for your heifers. Top 20% for IMF.

Purchaser..... Price.....

## 56 HAZELDEAN R1651 SV (APR)

Born: 12/08/2020  
Society Ident.: NHZR1651

CARABAR DOCKLANDS D62  
HAZELDEAN M777  
HAZELDEAN E538  
Sire: HAZELDEAN P129  
RENNYLEA EDMUND E11  
HAZELDEAN L75  
HAZELDEAN MIDLAND D3

RENNYLEA EDMUND E11  
HAZELDEAN KIBBITZ K553  
HAZELDEAN H434  
Dam: HAZELDEAN N1104  
CARABAR DOCKLANDS D62  
HAZELDEAN K303  
HAZELDEAN F335

AMFU NHFU CAFU DDFU

Front	Rear	Front	Rear	F	W	MUSCLE	TEMP.	SHEATH
6	6	5	6	5	5	C+	2	4

### TRANSTASMAN ANGUS CATTLE EVALUATION - APRIL 2022

TACE	CALVING EASE				GROWTH & MATERNAL				FERTILITY		CWT	CARCASE						Angus Index	Dom	Heavy Grain	Heavy Grass	
	DIR	DTRS	GL	B Wt	200	400	600	MWt	Milk	SS		DC	C Wt	EMA	RIB	RUMP	RBY%					IMF%
EBV	+1	+1	-6.4	+5.5	+52	+91	+117	+97	+16	+0.9	-7.9	+73	+4.2	+2.1	+1.6	-1	+2.4	-	+211	+175	+274	+192
ACC%	45%	41%	54%	60%	61%	63%	59%	55%	51%	69%	34%	53%	49%	55%	51%	52%	50%	-				

Big back end with plenty of power. Very sound bull with a good outlook.

Purchaser..... Price.....

## 57 HAZELDEAN R3 SV (APR) (AI)

Born: 07/07/2020  
Society Ident.: NHZR3

G A R PREDESTINED  
RENNYLEA C511  
RENNYLEA W449  
Sire: RENNYLEA NORH708  
TE MANIA AFRICA A217  
RENNYLEA E176  
RENNYLEA B124

RENNYLEA EDMUND E11  
HAZELDEAN KATZEN K416  
HAZELDEAN H342  
Dam: HAZELDEAN N498  
HAZELDEAN BOOMTIME D931  
HAZELDEAN G769  
HAZELDEAN B361

AMFU NHFU CAFU DDFU

Front	Rear	Front	Rear	F	W	MUSCLE	TEMP.	SHEATH
7	6	6	5	5	5	C+	1	4

### TRANSTASMAN ANGUS CATTLE EVALUATION - APRIL 2022

TACE	CALVING EASE				GROWTH & MATERNAL				FERTILITY		CWT	CARCASE						Angus Index	Dom	Heavy Grain	Heavy Grass	
	DIR	DTRS	GL	B Wt	200	400	600	MWt	Milk	SS		DC	C Wt	EMA	RIB	RUMP	RBY%					IMF%
EBV	+4.1	+4.6	-2.9	+3.4	+52	+92	+121	+87	+21	+4.2	-7.1	+75	+5.2	+0.9	-0.8	-0.6	+4.1	+26	+245	+191	+339	+236
ACC%	60%	53%	72%	72%	71%	71%	71%	69%	66%	70%	47%	68%	65%	70%	66%	68%	66%	59%				

Deep and powerful type of bull with a great balance of EBV's. Top 3% for scrotal size, top 4% for foot angle, top 3% for IMF. Out of a Katzen cow by H708 - super proven and reliable commercial bull here.

Purchaser..... Price.....

Top 5%    Top 10%    Top 30%

Ranking in Angus Aust. April 2022

**58 HAZELDEAN R199<sup>SV</sup> (APR)**

Born: 16/07/2020  
Society Ident.: NHZR199

ARDROSSAN EQUATOR A241  
HAZELDEAN JAIPUR J140  
HAZELDEAN C33  
Sire: HAZELDEAN M182  
HAZELDEAN GUARDIAN G553  
HAZELDEAN K807  
HAZELDEAN G568

S A V RESOURCE 1441  
LT DRIFTER 4073 USA18019663  
LT ERICA 0121  
Dam: HAZELDEAN M691  
LAWSON'S DINKY-DI Z191  
F405  
HAZELDEAN D802

AMFU NHFU CAFU DDFU

Front	Rear	Front	Rear	F	W	MUSCLE	TEMP.	SHEATH
6	5	5	5	5	6	C+	2	4

**TRANSTASMAN ANGUS CATTLE EVALUATION - APRIL 2022**

TACE	CALVING EASE				GROWTH & MATERNAL				FERTILITY		CWT	CARCASE						Angus Index	Dom	Heavy Grain	Heavy Grass	
	DIR	DTRS	GL	B Wt	200	400	600	MWt	Milk	SS	DC	C Wt	EMA	RIB	RUMP	RBY%	IMF%					Doc.
EBV	+5.2	+3.2	-4.7	+3	+40	+75	+108	+90	+11	+1.7	-4.3	+62	+3.6	+1.2	+0.5	-0.8	+2.3	+37	+165	+125	+213	+152
ACC%	55%	46%	71%	74%	71%	71%	71%	68%	62%	72%	39%	65%	60%	66%	62%	63%	61%	54%				

Maverick is a stand out sire for the 2020 drop. Balanced performance and a great type. Moderate frame, suitable for heifers.

Purchaser..... Price.....

**59 HAZELDEAN R287<sup>SV</sup> (APR)**

Born: 18/07/2020  
Society Ident.: NHZR287

ARDROSSAN EQUATOR A241  
HAZELDEAN JAIPUR J140  
HAZELDEAN C33  
Sire: HAZELDEAN M182  
HAZELDEAN GUARDIAN G553  
HAZELDEAN K807  
HAZELDEAN G568

BON VIEW NEW DESIGN 208  
TC TOTAL 410  
TC ERICA EILEEN 2047  
Dam: HAZELDEAN H1600  
HAZELDEAN ULTRAVOX Y1007  
HAZELDEAN A503  
HAZELDEAN Y508

AMFU NHFU CAFU DDFU

Front	Rear	Front	Rear	F	W	MUSCLE	TEMP.	SHEATH
5	6	6	5	5	5	C+	1	4

**TRANSTASMAN ANGUS CATTLE EVALUATION - APRIL 2022**

TACE	CALVING EASE				GROWTH & MATERNAL				FERTILITY		CWT	CARCASE						Angus Index	Dom	Heavy Grain	Heavy Grass	
	DIR	DTRS	GL	B Wt	200	400	600	MWt	Milk	SS	DC	C Wt	EMA	RIB	RUMP	RBY%	IMF%					Doc.
EBV	+3.3	+7.4	-8.6	+3.5	+42	+75	+98	+104	+12	+3	-6	+59	+6.2	+0.5	+0.8	+0.1	+2.7	+44	+166	+136	+216	+150
ACC%	55%	47%	71%	73%	71%	71%	70%	68%	62%	72%	41%	65%	60%	66%	62%	63%	60%	55%				

Bucket loads of calving ease! He is square based, stylish on the move, good butt profile. Outstanding structural EBVs. The dam is rising 10, she has had 8 calves on the trot for us, 3 of them leading sale bulls.

Purchaser..... Price.....

**60 HAZELDEAN R479<sup>SV</sup> (APR)**

Born: 03/08/2020  
Society Ident.: NHZR479

C R A BEXTOR 872 5205 608  
G A R PROPHET  
G A R OBJECTIVE 1885  
Sire: BALDRIDGE BEAST MODE B074  
STYLES UPGRADE J59  
BALDRIDGE ISABEL Y69  
BALDRIDGE ISABEL T935

PAPA EQUATOR 2928  
ARDROSSAN EQUATOR A241  
ARDROSSAN PRINCESS W38  
Dam: HAZELDEAN K857  
HAZELDEAN NEW DESIGN Z430  
HAZELDEAN B1227  
HAZELDEAN U116

AMFU NHFU CAFU DDFU

Front	Rear	Front	Rear	F	W	MUSCLE	TEMP.	SHEATH
6	6	6	6	5	5	C+	1	2

**TRANSTASMAN ANGUS CATTLE EVALUATION - APRIL 2022**

TACE	CALVING EASE				GROWTH & MATERNAL				FERTILITY		CWT	CARCASE						Angus Index	Dom	Heavy Grain	Heavy Grass	
	DIR	DTRS	GL	B Wt	200	400	600	MWt	Milk	SS	DC	C Wt	EMA	RIB	RUMP	RBY%	IMF%					Doc.
EBV	-2.9	-1.9	+0.9	+5.4	+63	+107	+137	+110	+22	+1.5	-4.6	+69	+5	-1.6	-1.5	+1.1	+1.8	+9	+237	+196	+316	+216
ACC%	62%	55%	70%	73%	72%	71%	72%	70%	66%	72%	45%	67%	65%	69%	66%	66%	65%	59%				

Attractive EBVs, great birth with plenty of that Beast Mode punch! Top 3% & 4% for claw and angle. Soft fleshing type with plenty of quality. Great solid square base.

Purchaser..... Price.....

Top 5%    Top 10%    Top 30%

Ranking in Angus Aust. April 2022



# AUTUMN 2022



# SALE BULLS

## 61 HAZELDEAN R1163 SV (HBR)

Born: 30/07/2020  
Society Ident.: NHZR1163

ARDROSSAN EQUATOR A241  
HAZELDEAN JAIPUR J140  
HAZELDEAN C33  
Sire: HAZELDEAN P120  
RITO 9M25 OF RITA 5F56 PRED  
HAZELDEAN J174  
HAZELDEAN E77

KAROO W109 DIRECTION Z181  
CARABAR DOCKLANDS D62  
CARABAR BLACKCAP MARY B12  
Dam: HAZELDEAN J187  
BR MIDLAND  
HAZELDEAN D12  
HAZELDEAN Y40

AMFU NHFU CAFU DDFU

Front	Rear	Front	Rear	F	W	MUSCLE	TEMP.	SHEATH
7	5	6	6	5	5	C+	1	5

### TRANSTASMAN ANGUS CATTLE EVALUATION - APRIL 2022

TACE	CALVING EASE				GROWTH & MATERNAL				FERTILITY		CWT	CARCASE						Angus Index	Dom	Heavy Grain	Heavy Grass	
	DIR	DTRS	GL	B Wt	200	400	600	MWt	Milk	SS	DC	C Wt	EMA	RIB	RUMP	RBY%	IMF%					Doc.
EBV	+4.6	+0.6	-9.1	+4.6	+54	+96	+137	+125	+23	+3.4	-4.3	+83	+5.1	-0.9	-1.8	+1.1	+1.6	+14	+185	+145	+240	+169
ACC%	54%	49%	68%	71%	69%	68%	69%	68%	63%	70%	42%	64%	60%	66%	62%	63%	61%	50%				

Plenty of presence and phenotype in this robust young bull. A big hindquarter with plenty of type and style. Top 4% for gestation length, good growth, top 8% for scrotal size. Suitable for heifers.

Purchaser..... Price.....

## 62 HAZELDEAN R1274 SV (APR)

Born: 19/08/2020  
Society Ident.: NHZR1274

TE MANIA BERKLEY B1  
HAZELDEAN F1023  
HAZELDEAN B723  
Sire: HAZELDEAN N394  
HAZELDEAN GUARDIAN G553  
HAZELDEAN K807  
HAZELDEAN G568

SCHURRTOP REALITY X723  
MATAURI REALITY 839  
MATAURI 06663  
Dam: HAZELDEAN K775  
LEACHMAN BOOM TIME  
HAZELDEAN D986  
HAZELDEAN X649

AMFU NHFU CAFU DDFU

Front	Rear	Front	Rear	F	W	MUSCLE	TEMP.	SHEATH
7	6	6	6	5	5	C+	2	4

### TRANSTASMAN ANGUS CATTLE EVALUATION - APRIL 2022

TACE	CALVING EASE				GROWTH & MATERNAL				FERTILITY		CWT	CARCASE						Angus Index	Dom	Heavy Grain	Heavy Grass	
	DIR	DTRS	GL	B Wt	200	400	600	MWt	Milk	SS	DC	C Wt	EMA	RIB	RUMP	RBY%	IMF%					Doc.
EBV	+0.9	+5.5	-2	+3.3	+50	+91	+119	+98	+23	+5.2	-4.5	+72	+7.1	+1.4	-0.7	-0.7	+4.2	+5	+205	+156	+294	+196
ACC%	55%	48%	69%	72%	70%	70%	70%	68%	63%	71%	42%	65%	61%	67%	63%	64%	61%	52%				

Hazeldean N394 was a sale topper himself, typical huge IMF in this F1023 grandson. He is an eye catching bull with plenty of length and carcass. Balanced type and balanced EBVs - Top 3% IMF.

Purchaser..... Price.....

## 63 HAZELDEAN R1328 SV (APR)

Born: 24/08/2020  
Society Ident.: NHZR1328

ARDROSSAN EQUATOR A241  
HAZELDEAN JAIPUR J140  
HAZELDEAN C33  
Sire: HAZELDEAN P849  
RENNYLEA EDMUND E11  
HAZELDEAN L447  
HAZELDEAN J779

BOOROOMOOKA UNDERTAKEN Y145  
RENNYLEA EDMUND E11  
LAWSONS HENRY VIII Y5  
Dam: HAZELDEAN L699  
TE MANIA INFINITY 04 379 AB  
HAZELDEAN F376  
HAZELDEAN D1110

AMFU NHFU CAFU DDFU

Front	Rear	Front	Rear	F	W	MUSCLE	TEMP.	SHEATH
5	6	6	6	6	5	C+	1	3

### TRANSTASMAN ANGUS CATTLE EVALUATION - APRIL 2022

TACE	CALVING EASE				GROWTH & MATERNAL				FERTILITY		CWT	CARCASE						Angus Index	Dom	Heavy Grain	Heavy Grass	
	DIR	DTRS	GL	B Wt	200	400	600	MWt	Milk	SS	DC	C Wt	EMA	RIB	RUMP	RBY%	IMF%					Doc.
EBV	+4.9	+2.6	-5.1	+3.4	+45	+78	+107	+92	+17	+1.2	-6.6	+65	+3.9	0	-1.1	0	+2.9	+26	+202	+156	+269	+185
ACC%	53%	46%	58%	72%	66%	68%	64%	60%	55%	72%	42%	58%	55%	59%	56%	58%	55%	50%				

Super quiet bull with good capacity, excellent top line and thickness. Great spring of rib. J140 x Edmund cross, we cant go wrong here! Outstanding structure, balance across the page.

Purchaser..... Price.....

Top 5%    Top 10%    Top 30%

Ranking in Angus Aust. April 2022

Proven Genetic Performance

www.hazeldean.com.au

**64 HAZELDEAN R1528<sup>SV</sup> (APR)**

Born: 24/08/2020  
Society Ident.: NHZR1528

TE MANIA BERKLEY B1  
HAZELDEAN F1023  
HAZELDEAN B723  
Sire: HAZELDEAN P922  
G A R PROPHET  
HAZELDEAN J827  
HAZELDEAN G577

ARDROSSAN EQUATOR A241  
HAZELDEAN JAIPUR J140  
HAZELDEAN C33  
Dam: N113  
RENNYLEA EDMUND E11  
HAZELDEAN EDMUND L16  
HAZELDEAN J108

AMFU NHFU CAFU DDFU

Front	Rear	Front	Rear	F	W	MUSCLE	TEMP.	SHEATH
5	5	5	6	5	5	C+	2	4

**TRANSTASMAN ANGUS CATTLE EVALUATION - APRIL 2022**

TACE	CALVING EASE				GROWTH & MATERNAL				FERTILITY		CWT	CARCASE						Angus Index	Dom	Heavy Grain	Heavy Grass	
	DIR	DTRS	GL	B Wt	200	400	600	MWt	Milk	SS	DC	C Wt	EMA	RIB	RUMP	RBY%	IMF%					Doc.
EBV	+1.1	+1.9	-2.3	+5	+50	+84	+104	+67	+21	+1.8	-6.2	+75	+7.3	+1.5	-1.5	+0.1	+2.7	+19	+222	+183	+296	+204
ACC%	53%	47%	70%	70%	68%	68%	69%	66%	60%	70%	41%	64%	60%	66%	62%	63%	61%	51%				

Impressive type with a lot of presence. Plenty of extra frame and scope. F1023 x J140 cross is very proven and reliable.

Purchaser..... Price.....

**65 HAZELDEAN R1567 (APR) (AI)(ET)**

Born: 12/08/2020  
Society Ident.: NHZR1567

C R A BEXTOR 872 5205 608  
G A R PROPHET  
G A R OBJECTIVE 1885  
Sire: BALDRIDGE BEAST MODE B074  
STYLES UPGRADE J59  
BALDRIDGE ISABEL Y69  
BALDRIDGE ISABEL T935

SITZ ALLIANCE 6595  
KCF BENNETT TOTAL USA13687063  
EXT OF CONANGA 6790  
Dam: HAZELDEAN TOTAL C507  
IRONWOOD NEW LEVEL  
HAZELDEAN A657

AMFU NHFU CAFU DDFU

Front	Rear	Front	Rear	F	W	MUSCLE	TEMP.	SHEATH
5	5	5	5	6	5	5	C+	1

**TRANSTASMAN ANGUS CATTLE EVALUATION - APRIL 2022**

TACE	CALVING EASE				GROWTH & MATERNAL				FERTILITY		CWT	CARCASE						Angus Index	Dom	Heavy Grain	Heavy Grass	
	DIR	DTRS	GL	B Wt	200	400	600	MWt	Milk	SS	DC	C Wt	EMA	RIB	RUMP	RBY%	IMF%					Doc.
EBV	+7.4	+5.7	-3.9	+2	+53	+89	+114	+83	+16	+2.8	-7	+60	+4.3	+0.2	-0.3	+1	+1.3	+13	+245	+208	+309	+228
ACC%	62%	54%	70%	71%	70%	71%	70%	68%	66%	68%	46%	65%	63%	66%	63%	63%	62%	64%				

Very handy set of EBV's - a high indexing Beast Mode son here. Out of a famous Hazeldean cow - C507. He had 7 natural progeny for Hazeldean and then entered the ET donor flush program, she now has 36 progeny in the stud. This son has great rein, big top, capacity w great skin. Smart bull. Suitable for heifers.

Purchaser..... Price.....

**65**

Born: 12/08/2020

Top 5%    Top 10%    Top 30%

Ranking in Angus Aust. April 2022

## 67 HAZELDEAN R97<sup>PV</sup> (APR) (AI)

Born: 13/07/2020  
Society Ident.: NHZR97

ARDROSSAN EQUATOR A241  
BOWMONT JACKPOT SRKJ310  
ARDROSSAN WILCOOLA Z31  
Sire: HAZELDEAN M46  
RENNYLEA EDMUND E11  
HAZELDEAN K452  
HAZELDEAN H1001

RENNYLEA EDMUND E11  
HAZELDEAN K414  
HAZELDEAN H919  
Dam: HAZELDEAN M608  
TE MANIA BERKLEY B1  
HAZELDEAN G799  
HAZELDEAN B1046

AMFU NHFU CAFU DDFU

Front	Rear	Front	Rear	F	W	MUSCLE	TEMP.	SHEATH
6	6	5	6	5	5	C+	1	5

### TRANSTASMAN ANGUS CATTLE EVALUATION - APRIL 2022

TACE	CALVING EASE				GROWTH & MATERNAL					FERTILITY		CWT	CARCASE						Angus Index	Dom	Heavy Grain	Heavy Grass
	DIR	DTRS	GL	B Wt	200	400	600	MWt	Milk	SS	DC	C Wt	EMA	RIB	RUMP	RBY%	IMF%	Doc.				
EBV	+3.1	-2.4	-6.4	+4.5	+48	+87	+117	+96	+18	+2.3	-8.4	+73	+5.3	+0.8	-0.5	+0.4	+2	+2	+202	+167	+255	+186
ACC%	54%	47%	83%	72%	69%	69%	70%	66%	61%	70%	39%	63%	59%	65%	61%	62%	59%	54%				

M46 is a super solid Hazeldean stud bull with runs on the board. This son will put weight in your calves. Good balance and proportions.

Purchaser..... Price.....

## 68 HAZELDEAN R295<sup>SV</sup> (APR)

Born: 19/07/2020  
Society Ident.: NHZR295

ARDROSSAN EQUATOR A241  
HAZELDEAN JAIPUR J140  
HAZELDEAN C33  
Sire: HAZELDEAN M182  
HAZELDEAN GUARDIAN G553  
HAZELDEAN K807  
HAZELDEAN G568

BOOROOMOOKA UNDERTAKEN Y145  
RENNYLEA EDMUND E11  
LAWSONS HENRY VIII Y5  
Dam: HAZELDEAN L565  
TE MANIA INFINITY 04 379 AB  
HAZELDEAN F622  
HAZELDEAN D758

AMFU NHFU CAFU DDFU

Front	Rear	Front	Rear	F	W	MUSCLE	TEMP.	SHEATH
5	6	6	6	5	5	C+	2	4

### TRANSTASMAN ANGUS CATTLE EVALUATION - APRIL 2022

TACE	CALVING EASE				GROWTH & MATERNAL					FERTILITY		CWT	CARCASE						Angus Index	Dom	Heavy Grain	Heavy Grass
	DIR	DTRS	GL	B Wt	200	400	600	MWt	Milk	SS	DC	C Wt	EMA	RIB	RUMP	RBY%	IMF%	Doc.				
EBV	+2.9	+2.3	-2.3	+3.6	+44	+84	+112	+79	+25	+2.9	-9.2	+73	+6.4	+2.4	+1.2	-0.7	+2.8	+39	+216	+174	+277	+203
ACC%	56%	50%	70%	72%	70%	70%	70%	67%	62%	72%	42%	65%	60%	66%	62%	64%	61%	57%				

Lots of shape and style, great maternal traits from this Maverick son. Top 2% of breed for days to calving, top 1% of the breed for docility. Very good rib and rump fat. Suitable for heifers.

Purchaser..... Price.....

## 69 HAZELDEAN R522<sup>SV</sup> (APR)

Born: 06/08/2020  
Society Ident.: NHZR522

SITZ UPWARD 307R  
KROUPALS B&B IDENTITY  
B&B ERICA 605  
Sire: HAZELDEAN P39  
BON VIEW SPECTRUM 1176  
HAZELDEAN Y54  
HAZELDEAN R40+96

L T 598 BANDO 9074  
HAZELDEAN EDGELEY E493 (APR)  
HAZELDEAN Z563  
Dam: HAZELDEAN G936  
IRONWOOD NEW LEVEL  
HAZELDEAN A657

AMFU NHFU CAFU DDFU

Front	Rear	Front	Rear	F	W	MUSCLE	TEMP.	SHEATH
5	5	5	6	5	5	C+	1	4

### TRANSTASMAN ANGUS CATTLE EVALUATION - APRIL 2022

TACE	CALVING EASE				GROWTH & MATERNAL					FERTILITY		CWT	CARCASE						Angus Index	Dom	Heavy Grain	Heavy Grass
	DIR	DTRS	GL	B Wt	200	400	600	MWt	Milk	SS	DC	C Wt	EMA	RIB	RUMP	RBY%	IMF%	Doc.				
EBV	-4.4	+0.5	-6.3	+6	+55	+99	+130	+123	+14	+2.4	-3.7	+76	+5.8	-1.6	-1.4	+1.9	+1	+15	+174	+151	+222	+157
ACC%	50%	41%	57%	72%	66%	66%	64%	60%	55%	70%	36%	55%	49%	54%	51%	52%	50%	51%				

Plenty of punch for your cows here. This is a bull that offers maternal substance, long hip to pin and outstanding structure.

Purchaser..... Price.....

Top 5%      Top 10%      Top 30%

Ranking in Angus Aust. April 2022

## 70 HAZELDEAN R296<sup>SV</sup> (APR)

Born: 19/07/2020  
Society Ident.: NHZR296

ARDROSSAN EQUATOR A241  
HAZELDEAN JAIPUR J140  
HAZELDEAN C33  
Sire: HAZELDEAN M182  
HAZELDEAN GUARDIAN G553  
HAZELDEAN K807  
HAZELDEAN G568

CARABAR DOCKLANDS D62  
HAZELDEAN JUGULAR J487  
HAZELDEAN CASHFLOW D922  
Dam: HAZELDEAN L792  
4POINT 8 OF IRONWOOD  
HAZELDEAN IRONWOOD B1390  
HAZELDEAN Z973

AMFU NHFU CAFU DDFU

Front	Rear	Front	Rear	F	W	MUSCLE	TEMP.	SHEATH
6	6	6	6	5	6	c+	1	4

### TRANSTASMAN ANGUS CATTLE EVALUATION - APRIL 2022

TACE	CALVING EASE				GROWTH & MATERNAL					FERTILITY		CWT	CARCASE						Angus Index	Dom	Heavy Grain	Heavy Grass
	DIR	DTRS	GL	B Wt	200	400	600	MWt	Milk	SS	DC		C Wt	EMA	RIB	RUMP	RYBY%	IMF%				
EBV	+6.4	+6.5	-4.6	+2.5	+42	+74	+100	+71	+17	+2.2	-5.7	+59	+5.9	+1.2	+1.6	+0.3	+1.5	+30	+202	+165	+250	+187
ACC%	53%	44%	70%	72%	69%	69%	69%	65%	60%	71%	37%	63%	57%	64%	60%	61%	58%	55%				

Long and stretchy type bull with plenty of calving ease. Top 1% for claw EBV and top 4% for docility.

Purchaser..... Price.....

## 71 HAZELDEAN R500<sup>SV</sup> (APR)

Born: 04/08/2020  
Society Ident.: NHZR500

ARDROSSAN EQUATOR A241  
HAZELDEAN JAIPUR J140  
HAZELDEAN C33  
Sire: HAZELDEAN P679  
HAZELDEAN HARLEQUIN H2  
HAZELDEAN L456  
HAZELDEAN H761

LEACHMAN BOOM TIME  
HAZELDEAN BOOMTIME D862  
HAZELDEAN V834  
Dam: HAZELDEAN F519  
HAZELDEAN NEW LEVEL B622  
HAZELDEAN D751  
HAZELDEAN B960

AMFU NHFU CAFU DDFU

Front	Rear	Front	Rear	F	W	MUSCLE	TEMP.	SHEATH
7	6	6	6	5	5	C+	1	4

### TRANSTASMAN ANGUS CATTLE EVALUATION - APRIL 2022

TACE	CALVING EASE				GROWTH & MATERNAL					FERTILITY		CWT	CARCASE						Angus Index	Dom	Heavy Grain	Heavy Grass
	DIR	DTRS	GL	B Wt	200	400	600	MWt	Milk	SS	DC		C Wt	EMA	RIB	RUMP	RYBY%	IMF%				
EBV	+2.1	+4.3	-0.5	+3.7	+45	+78	+102	+95	+15	+1.8	-4.7	+62	+6	-0.2	-1.6	+1.3	+0.5	+34	+153	+134	+190	+135
ACC%	53%	45%	69%	72%	70%	70%	70%	68%	63%	70%	41%	65%	59%	66%	62%	62%	60%	52%				

Solid and robust heifer bull, well balanced. A seriously proven pedigree, the dam F519 is rising 12 - she has reared 10 calves for Hazeldean running in large groups on the native pastures and hills of Myalla.

Purchaser..... Price.....

## 72 HAZELDEAN R533<sup>SV</sup> (APR)

Born: 07/08/2020  
Society Ident.: NHZR533

ARDROSSAN EQUATOR A241  
HAZELDEAN JAIPUR J140  
HAZELDEAN C33  
Sire: HAZELDEAN P56  
JINDRA DOUBLE VISION 16748826  
HAZELDEAN L54  
HAZELDEAN E24

ARDROSSAN EQUATOR A241  
BOWMONT JACKPOT SRKJ310  
ARDROSSAN WILCOOLA Z31  
Dam: HAZELDEAN M245  
S A V THUNDERBIRD 9061  
HAZELDEAN K989  
HAZELDEAN A592

AMFU NHFU CAFU DDFU

Front	Rear	Front	Rear	F	W	MUSCLE	TEMP.	SHEATH
5	5	5	5	5	5	C+	1	5

### TRANSTASMAN ANGUS CATTLE EVALUATION - APRIL 2022

TACE	CALVING EASE				GROWTH & MATERNAL					FERTILITY		CWT	CARCASE						Angus Index	Dom	Heavy Grain	Heavy Grass
	DIR	DTRS	GL	B Wt	200	400	600	MWt	Milk	SS	DC		C Wt	EMA	RIB	RUMP	RYBY%	IMF%				
EBV	+9.6	+6.3	-5	+0.1	+35	+69	+87	+69	+24	+1.3	-5.1	+57	+2.8	0	-0.9	-0.1	+1.7	+30	+164	+136	+213	+145
ACC%	51%	42%	61%	72%	66%	67%	64%	59%	53%	71%	38%	56%	51%	56%	53%	54%	52%	48%				

Calving ease specialist here, top 7% for milk EBV, top 3% for docility EBV. Safe heifer bull option here.

Purchaser..... Price.....

Top 5%    Top 10%    Top 30%

Ranking in Angus Aust. April 2022

# AUTUMN 2022



# SALE BULLS

## 73 HAZELDEAN R579 SV (APR)

Born: 12/08/2020  
Society Ident.: NHZR579

SITZ UPWARD 307R  
KOUPLAS B&B IDENTITY  
B&B ERICA 605  
Sire: HAZELDEAN P94  
ARDROSSAN EQUATOR A241  
HAZELDEAN H36  
HAZELDEAN F79

RENNYLEA EDMUND E11  
ARDROSSAN JUSTICE NAQJ93  
ARDROSSAN EVERELDA AI(ET) NAQF6  
Dam: HAZELDEAN N707  
KC HAAS GPS  
HAZELDEAN J1531  
HAZELDEAN D1238

AMFU NHFU CAFU DDFU

Front	Rear	Front	Rear	F	W	MUSCLE	TEMP.	SHEATH
6	6	5	6	5	6	C+	2	4

### TRANSTASMAN ANGUS CATTLE EVALUATION - APRIL 2022

TACE	CALVING EASE				GROWTH & MATERNAL					FERTILITY		CWT	CARCASE						Angus Index	Dom	Heavy Grain	Heavy Grass
	DIR	DTRS	GL	B Wt	200	400	600	MWt	Milk	SS	DC		C Wt	EMA	RIB	RUMP	RBY%	IMF%				
EBV	-0.9	+7.1	-0.9	+4.6	+48	+80	+97	+97	+9	+1.2	-2.5	+66	+6.2	-0.8	-1.4	+0.2	+3.8	-13	+181	+146	+259	+162
ACC%	53%	46%	69%	71%	69%	69%	69%	67%	62%	70%	39%	64%	60%	66%	62%	62%	60%	51%				

This Identity son is moderate and an easy doing type. Top 5% of the breed for IMF.

Purchaser..... Price.....

## 74 HAZELDEAN R1193 SV (APR)

Born: 12/08/2020  
Society Ident.: NHZR1193

ARDROSSAN EQUATOR A241  
HAZELDEAN JAIPUR J140  
HAZELDEAN C33  
Sire: HAZELDEAN P679  
HAZELDEAN HARLEQUIN H2  
HAZELDEAN L456  
HAZELDEAN H761

BON VIEW NEW DESIGN 1407  
LAWSONS DINKY-DI Z191  
G A R PRECISION 1900  
Dam: HAZELDEAN F1126  
HAZELDEAN MEGAFORCE V158  
HAZELDEAN X810  
HAZELDEAN U700

AMFU NHFU CAFU DDFU

Front	Rear	Front	Rear	F	W	MUSCLE	TEMP.	SHEATH
6	6	5	6	5	6	C+	1	5

### TRANSTASMAN ANGUS CATTLE EVALUATION - APRIL 2022

TACE	CALVING EASE				GROWTH & MATERNAL					FERTILITY		CWT	CARCASE						Angus Index	Dom	Heavy Grain	Heavy Grass
	DIR	DTRS	GL	B Wt	200	400	600	MWt	Milk	SS	DC		C Wt	EMA	RIB	RUMP	RBY%	IMF%				
EBV	+5.6	-0.2	-2.8	+4.7	+50	+82	+109	+96	+15	+2.2	-2.9	+68	+6.1	-1.1	-2.4	+1.7	+1.5	+33	+182	+150	+237	+162
ACC%	54%	48%	68%	71%	70%	69%	70%	67%	63%	65%	43%	65%	60%	67%	63%	63%	61%	50%				

A J140 grandson, he has a slick supple skin, nice type like his grandfather. Out of a very proven 12yr old cow with lots of longevity! Top 2% for docility and top 25% for calving ease direct.

Purchaser..... Price.....

## 75 HAZELDEAN R1315 SV (APR)

Born: 24/08/2020  
Society Ident.: NHZR1315

S A V FINAL ANSWER 0035  
LD CAPITALIST 316  
LD DIXIE ERICA 2053  
Sire: HAZELDEAN P328  
TE MANIA BERKLEY B1  
HAZELDEAN K1103  
HAZELDEAN G1028

LEACHMAN BOOM TIME  
HAZELDEAN BOOMTIME D1048  
HAZELDEAN Y1242  
Dam: HAZELDEAN F766  
HAZELDEAN SCOTCH CAP A111  
HAZELDEAN C353  
HAZELDEAN Z186

AMFU NHFU CAFU DDFU

Front	Rear	Front	Rear	F	W	MUSCLE	TEMP.	SHEATH
5	6	6	6	5	6	C+	1	4

### TRANSTASMAN ANGUS CATTLE EVALUATION - APRIL 2022

TACE	CALVING EASE				GROWTH & MATERNAL					FERTILITY		CWT	CARCASE						Angus Index	Dom	Heavy Grain	Heavy Grass
	DIR	DTRS	GL	B Wt	200	400	600	MWt	Milk	SS	DC		C Wt	EMA	RIB	RUMP	RBY%	IMF%				
EBV	+6.5	+6.3	-3.4	+3.1	+46	+84	+108	+95	+20	+2.1	-5.8	+67	+6.2	-0.1	-0.7	+0.5	+1.8	-9	+191	+162	+246	+174
ACC%	50%	42%	58%	71%	64%	64%	62%	59%	55%	64%	36%	53%	48%	54%	51%	51%	49%	52%				

Smooth made with great carcass attributes, he is very quiet. Rising 12 year old cow, by a Capitalist son. Very proven pedigree! Suitable for heifers.

Purchaser..... Price.....

Top 5%    Top 10%    Top 30%

Ranking in Angus Aust. April 2022

Proven Genetic Performance

www.hazeldean.com.au

## 76 HAZELDEAN R1424 PV (APR)

Born: 04/09/2020  
Society Ident.: NHZR1424

SYDGEN BLACK PEARL 2006  
HAZELDEAN LAMBREQUIN L21  
HAZELDEAN J180  
Sire: HAZELDEAN P985  
SITZ JACKSON 431T  
HAZELDEAN J796  
HAZELDEAN G840

CARABAR DOCKLANDS D62  
HAZELDEAN KENZO K723  
HAZELDEAN F433  
Dam: HAZELDEAN M462  
ARDROSSAN EQUATOR A241  
HAZELDEAN K811  
HAZELDEAN A554

AMFU NHFU CAF DDFU

Front	Rear	Front	Rear	F	W	MUSCLE	TEMP.	SHEATH
6	6	5	6	5	6	C+	2	4

### TRANSTASMAN ANGUS CATTLE EVALUATION - APRIL 2022

TACE	CALVING EASE				GROWTH & MATERNAL				FERTILITY		CWT	CARCASE						Angus Index	Dom	Heavy Grain	Heavy Grass	
	DIR	DTRS	GL	B Wt	200	400	600	MWt	Milk	SS		DC	C Wt	EMA	RIB	RUMP	RBY%					IMF%
EBV	+4.8	+2.4	-4.4	+2.5	+38	+72	+97	+52	+21	+2.9	-4	+64	+6	+1	+1	+0.1	+2	+18	+194	+155	+246	+181
ACC%	53%	47%	67%	73%	71%	70%	71%	68%	63%	70%	40%	66%	61%	68%	63%	64%	62%	46%				

Plenty of calving ease wrapped up in a sound and very quiet package. Lovely skin and temperament. Suitable for heifers.

Purchaser..... Price.....

## 77 HAZELDEAN R1443 SV (APR)

Born: 08/09/2020  
Society Ident.: NHZR1443

S A V FINAL ANSWER 0035  
LD CAPITALIST 316  
LD DIXIE ERICA 2053  
Sire: HAZELDEAN P328  
TE MANIA BERKLEY B1  
HAZELDEAN K1103  
HAZELDEAN G1028

RENNYLEA EDMUND E11  
ARDROSSAN JUSTICE NAQJ93  
ARDROSSAN EVERELDA AI(ET) NAQF6  
Dam: HAZELDEAN L147  
LAWSONS TANK VLY B1155  
HAZELDEAN H18  
HAZELDEAN BANDO B24

AMFU NHFU CAFU DDFU

Front	Rear	Front	Rear	F	W	MUSCLE	TEMP.	SHEATH
7	6	5	5	5	5	C+	2	4

### TRANSTASMAN ANGUS CATTLE EVALUATION - APRIL 2022

TACE	CALVING EASE				GROWTH & MATERNAL				FERTILITY		CWT	CARCASE						Angus Index	Dom	Heavy Grain	Heavy Grass	
	DIR	DTRS	GL	B Wt	200	400	600	MWt	Milk	SS		DC	C Wt	EMA	RIB	RUMP	RBY%					IMF%
EBV	+7.1	+6.2	-4.2	+3.5	+53	+97	+124	+120	+16	+1.8	-5.3	+78	+6.3	+1.3	+0.6	-0.6	+2.5	-22	+201	+168	+265	+183
ACC%	51%	43%	58%	71%	64%	66%	62%	58%	53%	70%	37%	55%	50%	55%	52%	52%	50%	51%				

Plenty of calving ease, good growth and slick skin. Good balance all round here.

Purchaser..... Price.....

## 78 HAZELDEAN R1488 SV (APR)

Born: 20/09/2020  
Society Ident.: NHZR1488

G A R SOLUTION  
LAWSONS INVINCIBLE C402  
LAWSONS PREDESTINED A598  
Sire: HAZELDEAN P924  
RENNYLEA EDMUND E11  
HAZELDEAN LANDERS L439  
HAZELDEAN H419

BON VIEW NEW DESIGN 208  
TC TOTAL 410  
TC ERICA EILEEN 2047  
Dam: HAZELDEAN H97  
B/R DESTINATION 727-928  
HAZELDEAN B310  
HAZELDEAN V74

AMFU NHFU CAFU DDFU

Front	Rear	Front	Rear	F	W	MUSCLE	TEMP.	SHEATH
7	6	6	7	4	5	C+	1	5

### TRANSTASMAN ANGUS CATTLE EVALUATION - APRIL 2022

TACE	CALVING EASE				GROWTH & MATERNAL				FERTILITY		CWT	CARCASE						Angus Index	Dom	Heavy Grain	Heavy Grass	
	DIR	DTRS	GL	B Wt	200	400	600	MWt	Milk	SS		DC	C Wt	EMA	RIB	RUMP	RBY%					IMF%
EBV	+3.7	+2.8	-4.8	+2.4	+39	+69	+85	+87	+10	+1.9	-5.1	+50	+5.3	0	-0.6	+0.1	+2.8	+5	+165	+136	+222	+148
ACC%	53%	47%	60%	72%	65%	62%	61%	60%	56%	56%	40%	56%	52%	57%	54%	54%	53%	52%				

Balanced bull with strong spine and exceptional calving ease. Suitable for heifers.

Purchaser..... Price.....

Top 5%    Top 10%    Top 30%

Ranking in Angus Aust. April 2022

## **Hazeldean Semen Terms & Conditions**

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### **Hazeldean retains semen rights on all bulls unless otherwise agreed upon.**

- 1 The buyer may use bulls only:
  - To naturally service stock owned by the buyer, or
  - To collect semen for use in stock owned by the buyerAnd will not dispose of, or advertise the disposal of semen or semen rights from any bull to any other party.
- 2 Hazeldean retains the right to collect and market semen from any bull sold either at the buyer's premises or by transporting the bulls to a registered artificial insemination facility on the basis:
  - That Hazeldean will consult with the buyer and ensure that such collection of semen by Hazeldean will take place at a time which will not unreasonably interfere with the use of the bull/s by the buyer
  - Hazeldean will pay all costs of such collection: and
  - Hazeldean will indemnify the buyer in respect of any injury or damage to such bull during the collection process or while the bull is in Hazeldean's possession.
- 3 The semen rights terms bind any successor in title to the buyer, and any person in possession of bulls purchased from Hazeldean.
- 4 The buyer will not dispose of or part with possession of any bull the subject of the semen rights terms unless the party to whom disposal is to be made or to whom possession is to be given first, signs a document accepting the semen terms accrue for the benefit of Hazeldean, and Hazeldean can enforce the semen rights terms.
- 5 The buyer acknowledges:
  - That the physical transfer of bulls from Hazeldean to the buyer is an act that accepts the semen rights terms;
  - That the bulls subject to the semen rights terms are adequately described in the documents of sale, which includes any sale or auction information;
  - That Hazeldean may register the interest created by the semen rights terms pursuant to the Personal Property Securities Act 2009 of the Commonwealth;
  - That Hazeldean may take possession of the bull dealt with in any way that contravenes the semen rights terms;
  - That the buyer, and any successor in title to the buyer and any person to whom the buyer passes possession of the bull will be liable jointly and individually for the reasonable expenses of Hazeldean under the semen rights terms, any reasonable expenses in enforcing those terms.





HAZELDEAN  
LITCHFIELD

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# DNA SAMPLING SIMPLIFIED

## with the Allflex TSU (Tissue Sampling Units)



*"The Allflex TSUs have been a real game changer."*

*We're able to take the DNA samples more efficiently and have the peace of mind we're getting a quality sample to the lab so we get accurate genetic reports."*

**BEA LITCHFIELD**  
HAZELDEAN LITCHFIELD  
NSW

- Highest quality sample method
- Vials fit in standard lab well plate (96 vials)
- Efficient and cost effective
- Available with paired NLIS and management tags



**65**  
YEARS  
AND READY FOR MORE.

[www.allflex.com.au](http://www.allflex.com.au)

*Proven Genetic Power*

[www.hazeldean.com.au](http://www.hazeldean.com.au)



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**zoetis**

# PREPARE YOUR BULLS BEFORE JOINING

**Vaccinating bulls is the key to prevention of vibriosis.**

Vibriosis is a major venereal disease and can cause infertility and abortion in cattle.

Conception rates can drop as low as **40%**<sup>1</sup>

**Vaccinating bulls is effective and practical**

- It can lead to increased pregnancy rates
- It has no adverse impact on testicular function and semen morphology<sup>2</sup>



**FOR ANIMAL TREATMENT ONLY**  
**VibroVax<sup>®</sup>**  
Vaccine  
250 ml  
Corynebacterium Afer subspecies venerealis (biotype venerealis and intermediate) each 1mg/ml (as formal culture concentrates) 0.5% w/v. Formalin-stabilised.  
zoetis  
For the prevention of Bovine Venereal Corynebacteriosis (vibriosis)

**AVAILABLE AT YOUR LOCAL RURAL SUPPLIER**

1. Hum S. NSW Department of Primary Industries (DPI) February 2007. *Primefact*, 451.  
2. Zoetis Study Number B930R-AU-14-285. Data on file.

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HAZELDEAN  
LITCHFIELD

*Notes*

A series of horizontal dotted lines for writing notes.



### Directions to Hazeldean from Cooma

If you are entering Cooma from the Canberra (Eastern) end turn left at the first roundabout in the centre of town by the park. If entering from the Jindabyne (Western) it will be a right turn at the second roundabout. Follow this street, Bombala St, (also the Snowy Mountains Highway to Bega and the South Coast) until you reach a bridge over the Cooma Creek on the outskirts of town. Turn right just before the bridge. The sign says Bobundara 34 and also Church Rd.

Follow this road exactly 14kms from the turn and the Hazeldean mailbox and entrance is on the right - about 1 km past the only bridge you cross on the Bobundara Rd.

### Airports

Hazeldean is located 1.5 hours' drive south of Canberra near Cooma. There are daily flights from all Capital cities to Canberra airport. Hazeldean is 20 minutes from the Snowy Mountains/Cooma Airport which is all weather and has lights. For privately chartered aircraft please contact 02 6452 5999 for more details.



### Where to stay

**Nebula Motel**  
42 Bombala Street  
02 4552 4133

**Altair Motel**  
192 Sharp Street  
02 6452 1211

**White Manor Motel**  
252 Sharp Street  
02 6452 1152

*When booking mention you are coming for the Hazeldean sale and they will give you a great deal.*

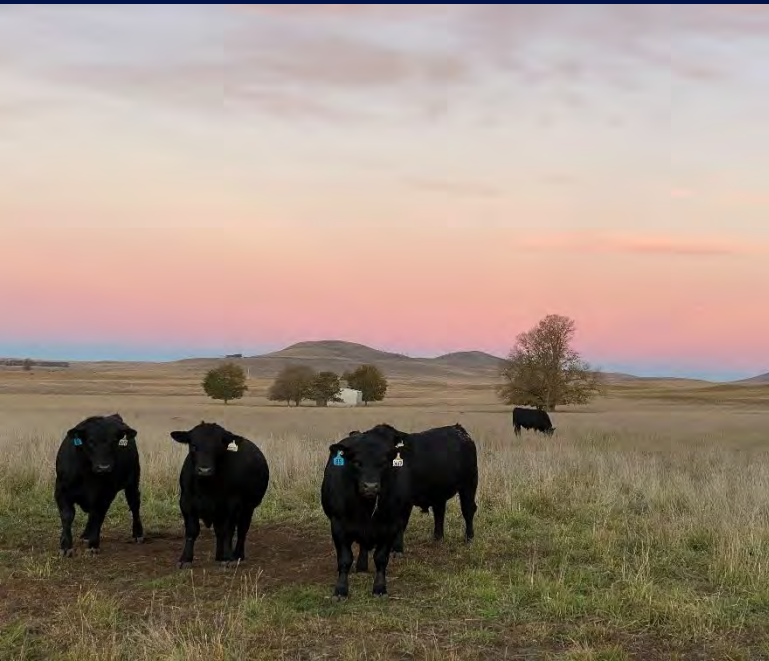


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EST 1865





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**Jim Litchfield**  
m: 0417 676 561

**Ed Bradley**  
m: 0412 298 546

**Bea Litchfield**  
m: 0427 933 103

Hazeldean Office 02 6453 5555  
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