



WIRRUNA  
poll herefords

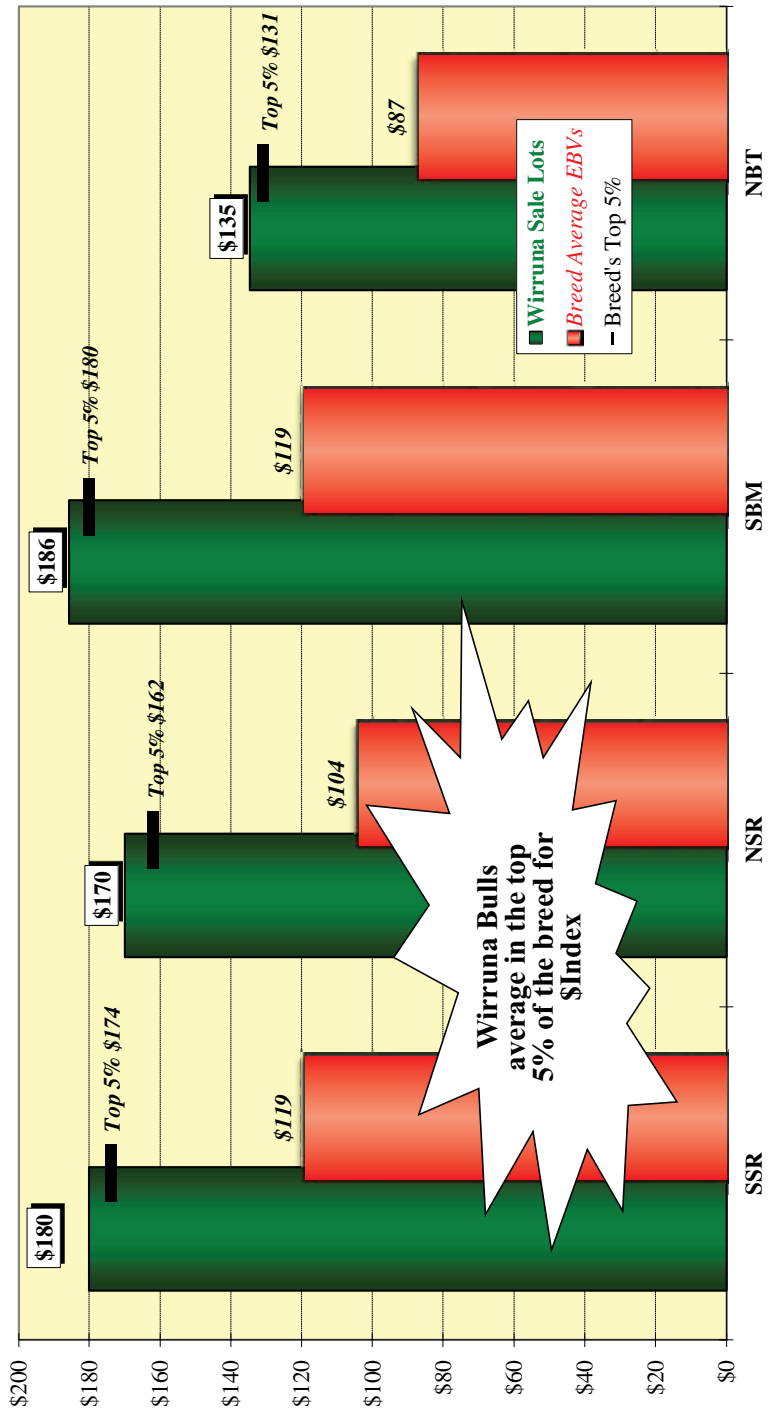
# Autumn Bull & Female Sale

USING THE HELMSMAN  
BUYING SYSTEM

Wednesday, February 26, 2020

**COMPARISON OF \$INDEX VALUES**  
 Wirruna Sale Bulls vs Overall Breed Average

EBV (kgs)



Wirruna Bulls  
 average in the top  
 5% of the breed for  
 \$Index



# Autumn Bull & Female Sale

*Offering....*

**61 x Poll Hereford Bulls**  
**PTIC Breeders as Individual Lots**  
**PTIC Breeders as a Group Lot**

USING THE HELMSMAN BUYING SYSTEM

To be held undercover at  
"Spring Valley" Holbrook NSW

***Wednesday, 26th February, 2020***

INSPECTION FROM 10.00 AM - AUCTION: BULLS 1.00 PM

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                                  Mob: (0408) 637 267  
                                  Email: locke.ian@bigpond.com

Chris Callow  
*Callow Livestock*

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Sale agent - John Atkins



Ph: (02) 6026 4207  
Mob: (0428) 690 267  
Email: atkinsak@bigpond.com

Transport Co-ordinator - Joe Wilton

Ph: (02) 6027 3125  
Mob: (0408) 739 559

**TELEPHONE BIDDING 1.00 PM**

Sale shed mobile 1 (0408) 637 267  
Sale shed mobile 2 (0429) 362 559  
Sale shed mobile 3 (0419) 263 205



*Please bring this catalogue to the sale to be sure of having one.*

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# Autumn 2020 Sale

We do appreciate your interest in our Autumn Bull & Female sale. Along with our Spring sale, you have the opportunity to tap into breed leading genetics and services offered at WIRRUNA. A genetic program recognized as one of the most disciplined breeding programs in the country focused on helping commercial beef producers improve their beef herd profitability.

At the time of writing, many of us are dealing with drought feeding, water challenges and heatwave conditions. These feel minor compared to those that have also been directly impacted by the devastating fires that have scorched many areas of the country, including in our own region, affecting many friends, clients and their livestock. Our hearts go out to those people dealing with these challenges and we acknowledge the efforts of all those who selflessly volunteer their time and efforts to protect property and lives and provide ongoing support to those directly affected.

It is a tough time for people and livestock! Nevertheless we know that every day, is one day closer to the break and we also know that the base fundamentals of the cattle business conditions in Australia are very sound with Hereford cattle that can be run at low cost in challenging environments coupled with strong domestic and export demand and a 'clean & green' reputation of quality beef that should see things turn around when the green grass returns.

The cattle breeding business is a long term venture and requires long term thinking. If you buy a bull offered to you in this catalogue, they do not have a significant bearing on your business for another couple of years at least and can genetically influence your herd for another 15 years. The importance of buying the 'right' genetics however cannot be overstated. On average, 87% of genetic composition of calf crop is determined by the sires used over the last 3 generations, so choose wisely.

This sale includes older sires that have been used at WIRRUNA. The 'P' bulls offered are 18 months old. These bulls represent some of the best genetics available in the country. They are grassfed, independently assessed for fertility and structure and are ready to work in your herds. As usual, this catalogue includes a complete set of performance, fertility and structural information as you have come to expect from WIRRUNA Poll Herefords. This sale also includes an offering of breeding females. With pregnancy testing yet to occur at the time of compiling the catalogue, the details of the females available for sale will be available at the beginning of February by accessing the WIRRUNA website or by contacting Ian Locke for a catalogue of the sale females.

To assist you in making your bull selections, a on-line video of sale bulls is available on the WIRRUNA website ([www.wirruna.com](http://www.wirruna.com)) allowing you to preview individual lots and better prepare your selections for sale day.

We hope you will be able to come and enjoy our sale day or if not, operate on AuctionsPlus. Please let us know if we can be of any assistance in making your selections.

The Locke Family



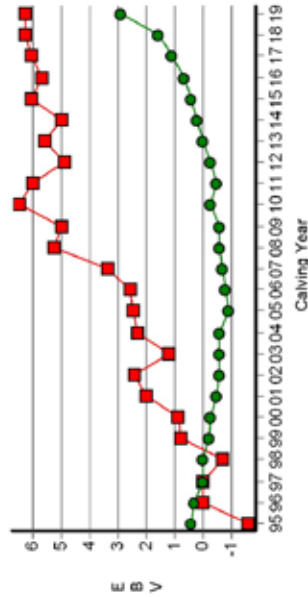
WIRRUNA  
partners

# GENETIC AUDIT OF WIRRUNA HERD

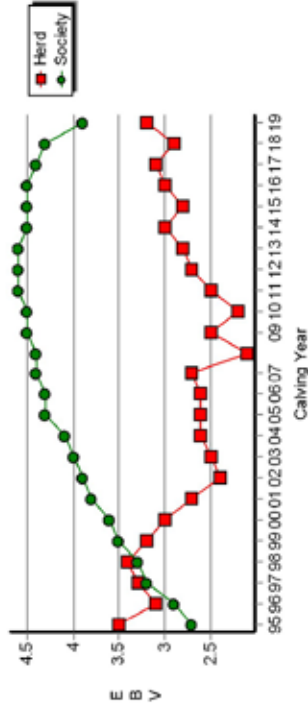
December 2019 Hereford BREEDPLAN

Graphs of Herd Compared with Breed Genetic Trends

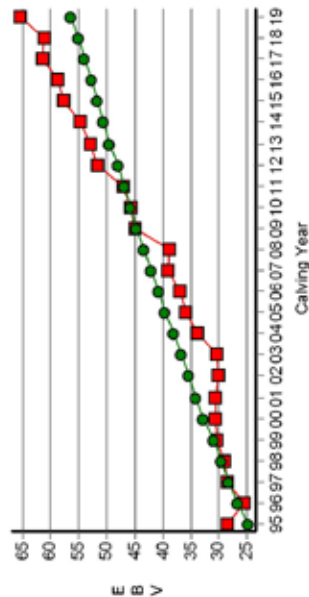
### Calving Ease Dir (%)



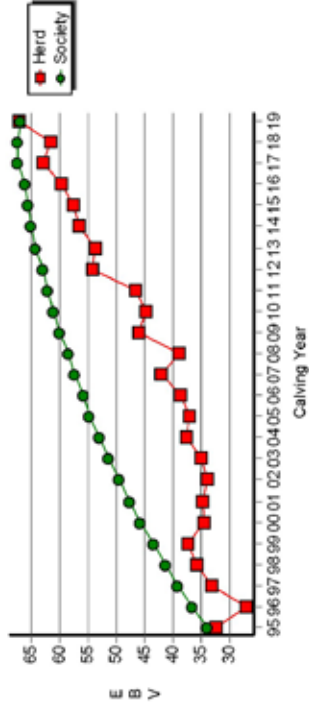
### Birth Weight (kg)



### 400 Day Weight (kg)



### Mature Weight (kg)





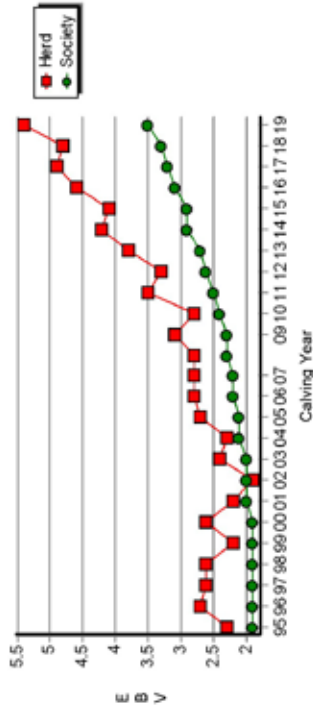
WIRRUNA  
per hereford

# GENETIC AUDIT OF WIRRUNA HERD

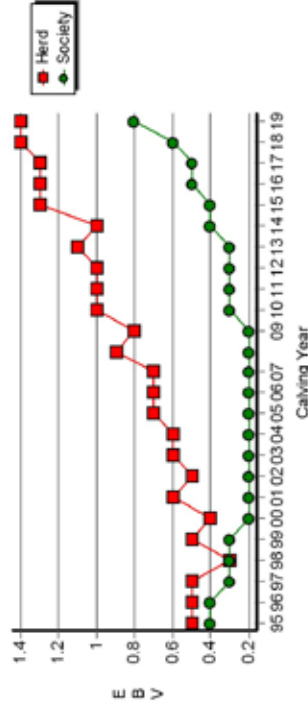
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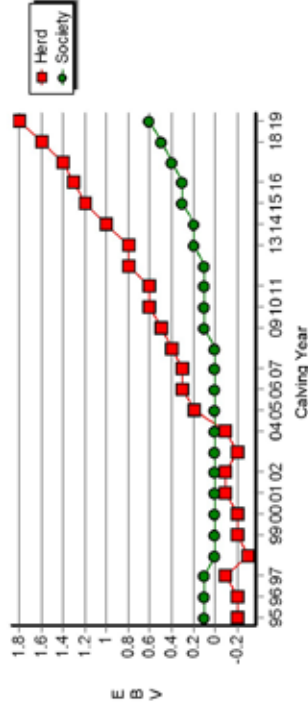
### Carcase EMA (sq.cm)



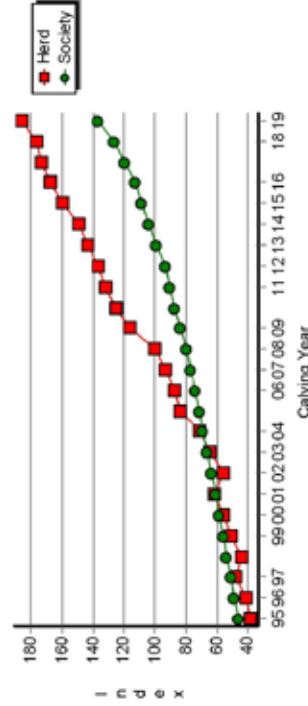
### Carcase Rib Fat (mm)



### Carcase IMF (%)



### Southern Self-Replacing (\$)





WIRRUNA  
poll herefords

*To assist you in making the correct selection for your herd, please note...*

- No lots have been hoof trimmed.
- No lots were assisted at birth.
- All bulls are up to date with Vibrio, Pestivirus and 7 in 1 vaccinations. Additionally, all lots are individually tested negative as pestivirus carriers.
- All bulls have been examined for structural soundness and muscle scores have been assessed by Liam Cardile of Beef Excel on December 5, 2019.
- All bulls were also assessed for fertility by Vets of the Holbrook Veterinary Centre including service ability test, testicle measurements and palpation.
- The ultrasonic scanning for fat depth, eye muscle area and intra-muscular fat was done September 30, 2019 (at 13 months) by Liam Cardile (Accreditation Status No. 1033).
- Level of Feed Supplementation. A 10% ration of pellet & silage supplementation has been provided in the 3 months leading up to sale.
- A quick reference list of all sale bull EBV's is summarised in the middle of this catalogue, along with the average EBV's for animals born in 2017.
- A whole farm Biosecurity Plan is in place overseen by Vets of the Holbrook Veterinary Centre. This can be made available for inspection upon request. Wirruna Poll Herefords maintain the highest herd health status with regards to Johnes Disease (J-BAS 8). This program is equivalent to the CattleMAP program where Wirruna had an MN3 status since 1999.
- Transfer of Registration. Bulls are registered with the Herefords Australia Ltd and the transfer of registration can be arranged by request of the purchaser. Lots not registered are clearly identified.
- NLIS. As a client service Wirruna will transfer the NLIS tag to your PIC following delivery. Please provide your PIC.



## COMPLETENESS OF PERFORMANCE



Wirruna Poll Herefords



'5' STAR BREEDPLAN RECORDER

The 'Completeness of Performance' herd rating system has recently been introduced to assess the quantity of pedigree and performance information that has been submitted to BREEDPLAN by individual seedstock herds. A simple 1 to 5 scale star rating is calculated based on the proportion of calves and number of performance traits recorded. Herds with a '5' star rating are considered to be gold standard and are recording 'complete' performance information.





WIRRUNA  
poll herefords

# Quality Beyond Genetics

The **Wirruna Poll Hereford** herd has come a long way since it was founded in 1949. When Richard Locke succeeded his father as principal of the stud in the early 1970's, he was frustrated by the stud industry's concentration on showing cattle rather than being aligned to the needs of commercial cattleman. Although *Wirruna* cattle achieved notable success in the 'show ring', the stud made fundamental change in direction in 1972 to Performance Testing focused on selecting a herd based on high performance and high fertility under commercial (grass-fed) stress conditions.

Today's cow herd at *Wirruna* comprises 600 registered females and is the result of decades of careful trait selection for improved milk, carcass performance and growth rate, without substantial increases in birth weight and with no compromise to temperament, structural soundness & fertility. With selection for fertility being our highest priority, we continue to screen out animals that do not perform under high stocking rate pressure, well above district average. Every cow that exists in the *Wirruna* herd does so because she had a live calf at 2 years old (resulting from a 6 week joining) and has continued to raise a live calf through to weaning every year with no exceptions and no favourites.

The quality inherent in a *Wirruna Bull* is a result of being a product of this exceptional cow herd. Our history of over 70 years selection and over 15,000 animals recorded on Group Breedplan give clients confidence that *Wirruna Bulls* are accurately described and offer reliable and predictable performance that will meet their breeding objectives. All sale bulls are serving ability tested and examined by an independent veterinarian for structural and breeding soundness.

*Wirruna* believes that modern seedstock production goes beyond just good genetics. Seedstock producers must focus on servicing a wide range of client needs that extends well before and well after the point of sale. *Wirruna* offer an unequalled guarantee, are tested free (J-BAS 8) for Johne's Disease, subscribe to the Seedstock Producers Code of Practice and offer a level of client and back-up service that helped us to be named the **1995 National Seedstock Producer of the Year**, and the **2002 NSW Seedstock Producer of the Year**. Quality assurance is important to us and complements our commitment to offering a quality product.

**We are dedicated to seedstock excellence.**

The Locke Family

## MISSION STATEMENT

*"Wirruna is dedicated to seedstock excellence. Our 'Quality Beyond Genetics' approach is to provide fully described & predictable genetics, genuine back-up service and add-on client services aimed at helping clients to achieve long term beef herd profitability."*

## WIRRUNA BREEDING OBJECTIVE

*"Wirruna's breeding objective is to breed Bulls that are fully described and have the genetic & physical ability to meet market specifications and breeding objectives of the client. Keeping in mind that a balance is required where the female portion of the progeny are required to be highly fertile and efficient."*

The major strategies to achieve this objective are listed as follows:

- The Wirruna herd should be a role model for profitable commercial beef herds in southern, higher rainfall zones of Australia. With emphasis on fertility, the cow herd, under high stocking rates will set optimum productivity levels based on per hectare, rather than per head parameters to promote efficient low maintenance cattle.
- Cattle to be run under strict commercial stress conditions with no grain feeding for production.
- Produce cattle of moderate birth weight with optimum growth, carcass quality and muscularity that meet market specifications.
- Performance test to accurately describe growth, carcass and fertility traits.
- Maintain inherent structural soundness and docility.
- Endeavour to reduce the risk of product failure to the Bull buying client.
- Strive to make the bull sale a beginning of a relationship, .....not the end of one.

*Quality:  
"Fitness for Purpose"*

# SALE ARRANGEMENTS

- GST:** The auction will be conducted on a GST exclusive basis. **GST will be added to the sale price.**
- Settlement:** You may elect to settle immediately after the sale or through your agent. Unless prior arrangements have been agreed with the vendor, **purchased bulls will not be available for delivery until payment is made.**
- Transport:** Daily flight services to Albury & Wagga Wagga. Holbrook also has an all weather strip.
- Accommodation:** Excellent accommodation is available in Holbrook and Albury.
- Catering:** A light lunch will be available.
- Delivery:** Unless prior arrangement has been made with the vendors, cattle may remain at "Spring Valley" for no longer than one week from the date of sale - in all cases, every care would be taken, but the risk remains with the purchaser. Cattle purchased for interstate destinations will be held free of charge until regulation tests have been completed. Insurance facilities will be available.
- Agents Commission:** We encourage successful bidders to settle with us on the day. A rebate of 6% will be paid to all agents who attend the sale with or on behalf of their clients. A rebate of 1% will be paid to all agents introducing clients, but do not attend the sale. Introductions should be in writing, fax or email sent to the vendors at least 12 hours prior to the sale.
- Guarantees:** All bulls are sold on a credit or money-back guarantee. This condition is valid only for a period of **twelve months** after date of sale and the vendor receives notification of infertility, not caused by injury, together with a certificate from a registered veterinarian on or before that date. All bulls, for which claims are made under these guarantees, are to be delivered free of charge by the purchaser to any place mutually agreed upon. More information on the Wirruna Guarantee is provided on page 19.
- Cattle would be free to go to all states of Australia subject to the necessary tests required by the State of destination. Should any animal fail to pass a required test the purchaser shall have the right to either cancel the sale or have a replacement animal made available.

# QUALITY ASSURANCE



# HELMSMAN – A CLIENT FRIENDLY BUYING SYSTEM

An alternative to the traditional stud auctions is the Helmsman buying system. First used at the "Helm View" Sale in March, 1990, the design arose out of concerns that the traditional auction system served the needs of agents and vendors well but neglected the needs of bull buyers, "the customers".

It combines the best features of both the auction system and sale by private treaty: you get first pick and pay market value without any pressure:

1. Prospective buyers need to **register prior** to the start of the sale, indicating their trading details and whether or not they have been introduced by an agent. Each is given a buyer number.
2. The sale cattle are on display as usual, with all relevant Breedplan, fertility and carcass information present in your catalogue.
3. When the sale commences, all sale lots are on the market simultaneously. You may bid on any lot, regardless of lot number. You can also bid on multiple lots at once. A large, easy-to-read board will be located nearby, displaying lot number, buyer number and bid value (or Reserve Price). This allows you to see at a glance whether your bid still stands or has been overbid.
4. Bids are written on a card and presented to a "runner", and the board is up-dated. A "Sale Presenter" will announce each bid as it is recorded.
5. You may open bidding on any bull at its reserve price and further bids in multiples of the minimum bid amount will be accepted. Minimum bid amounts are:
  - Bull lots \$500
  - Individual female lots \$250
  - Group female lots \$50
6. A bid once submitted and recorded cannot be retracted, and the person submitting such bid will be responsible for it until it is overbid.
7. All cattle are for sale simultaneously for a period of 20 minutes. Further bidding will then result in one minute extensions until a full one minute "no bid" period which will conclude the sale.
8. The sale is interfaced with AuctionsPlus with the Helmsman system meshing perfectly with the simultaneous on-line auction in real time. Remote & on-site bidding is available via your computer, ipad or smart phone. For those not able to attend the sale, you should register within 24 hours prior to the sale in order to bid. [www.auctionsplus.com.au](http://www.auctionsplus.com.au) or Phone 02 9262 4222.
9. In an effort to help the sale reach a timely conclusion, Wirruna Poll Herefords reserves the right to double the minimum bid amount once the sale has been running for 1.5 hours. The option would be announced by the sale commentator and would also include the minimum bid amounts on AuctionsPlus.



## THE BENEFITS

1. You have more time to consider lodging a bid. You can place genuine bids on any bull of your choice at any time during the sale period.
2. You have the opportunity to re-assess each lot during the sale period and move freely between one lot and another depending on what you could afford without any pressure to make an instant decision.
3. You take home the cattle you want, irrespective of lot order.
4. If you need more than one bull, Helmsman gives you a better chance to average your purchase costs.
5. There is a better opportunity to arrange the shared purchases of a lot if your budget is exceeded.

# USING PERFORMANCE INFORMATION

Wirruna Poll Hereford Stud was a foundation member of the National Beef Recording Scheme in 1972 and has over 15,500 cattle recorded on Breedplan.

**Breedplan** is a performance evaluation program that describes the genetic profile of an animal for a number of commercially important traits. An estimate of the animals 'breeding value' is given an **EBV (Estimated Breeding Value)**, a figure that compares the animal to the breed benchmark of zero (0) for each trait. A positive EBV (+) is higher than breed benchmark whilst a negative (-) EBV is lower than the benchmark.

The EBVs presented in this catalogue are **December 2019 GROUP BREEDPLAN EBV's** and can be directly compared with only **December 2019 Group Breedplan EBVs** of other **Hereford & Poll Hereford** herds. To evaluate the performance profile of a bull, its EBVs can be directly compared with the EBVs of other bulls and against the current breed average EBV for each trait as shown below.

GROUP BREEDPLAN EBV'S (kgs) (Figures are breed average for calves born 2017)								
C Ease Direct	C Ease Dtrs	Gest Length	Birth Weight	200 Day Weight	400 Day Weight	600 Day Weight	Mat Day Weight	200 Day Milk
+1.1	+1.2	-0.3	+4.4	+33	+54	+77	+67	+16

The EBV is the best estimate of an animals genetic merit for that trait.

**Accuracy figures** for each EBV are given. This percentage (%) accuracy reflects the likelihood of the EBV changing as further performance information about the animal becomes available. The higher the accuracy figure, the smaller is both the chance and likely magnitude of change.

EBVs are calculated for the following traits.

**CALVING EASE** Calving Ease (CE) EBV's are based on CE scores, birth weight and gestation length information. More positive EBV's are favourable and indicate easier calving.

**DIR.** Direct calving ease indicates how this animal influences the birth of its progeny.

**DTRS.** Daughters calving ease indicates how well the animal produces daughters that have easier calving.

## BIRTH

**Gestation Length** GL EBV (days) is based on AI records. Lower (-ve) GL EBV's indicate easier calving and increased growth after birth.

**Birth Weight** BWT EBV (kg) is based on measured birth weight of animals, adjusted for dam age. The lower the birthweight EBV of a sire, the lighter is the birthweight potential of his progeny and lower the likelihood of a difficult birth. High birthweight is generally associated with increased calving problems in heifers.

High birthweight EBV bulls can be used on mature cows without any problems. Wirruna recommend joining heifers to bulls with birthweight EBVs at or below breed average ie. Preferably **below EBV +4.3 and positive calving ease EBV's**.

*Easy-calve*

**Bull lots in this catalogue that are suitable for joining to heifers in typical low dystocia herds are denoted with an 'Easy-calve' logo.**

## GROWTH

**200 Day Growth** Indicates weight advantage at 8 to 10 months of age. Place emphasis on this EBV if you are selecting cattle to finish for earlier markets, keeping in mind the maturity pattern required for the trade you are targeting.

**400 Day Weight** Indicates weight advantage at yearling age. Place emphasis on this EBV if you are producing steers destined for the domestic and/or yearling steer market, plus improve the growth of your yearling heifers to improve conception rates.

- 600 Day Weight** Indicates weight advantage beyond yearling age. Place emphasis on this EBV if you are breeding for the heavy weight end of markets or want to extend the growth potential of your progeny. High EBVs for 600 Day Wt indicates a later maturing sire whose progeny will reach optimum finish at a heavier weight when compared to a lower EBV Bull for that trait.
- Mature Weight** Mature Cow Weight EBV (kg) is an estimate of the genetic difference in cow weight at 5 years of age. Smaller, or more moderate EBV's are generally more favourable.  
Wirruna has argued strongly for the development of this EBV, as the race for high growth traits has been to the detriment of retaining fertile, efficient low maintenance cows within the breed.
- 200 Day Milk** MILK EBV (kg) reflects extra calf weight at weaning due to the milking and mothering ability of a bulls daughters.  
If you wish to improve milk in your female herd, select bulls with well above breed average EBV for this trait. Be aware that there is a trade-off between milking ability and fertility when conditions get tough. If you are selecting a bull as a terminal sire and will not be retaining his daughters then select the best growth bulls within the desired maturity type and disregard the milk EBV.

### CARCASE

**Wirruna** have used ultrasonic scanning to assess muscle and fat since 1990. Intra-muscular fat (IMF) measurements have been measured since 1998. The carcass EBVs generated are a useful tool that will gain in accuracy and importance as more generations are scanned and analysed. With the increasing emergence of value based marketing of beef, carcass quality & meat yield are major factors influencing boning room profitability and ultimate producer returns. **Wirruna** is currently placing significant emphasis on carcass traits in sire selection.

GROUP BREEDPLAN EBV'S (kgs) (Carcass) (Figures are breed average for calves born 2017)						MUSCLE SCORE
Carcass Weight	EMA (cm <sup>2</sup> )	Rib Fat (mm)	P8 Fat (mm)	RBY %	IMF%	Range A ← E
+50	+3.2	+0.5	+0.5	+0.8	+0.4	

- Carcass Weight** CWT EBV (kg) estimates the genetic difference in carcass weight at a standard age of 650 days.
- EMA** Eye Muscle Area EBV (cm<sup>2</sup>) estimates genetic differences in the eye muscle area at the 12<sup>th</sup>/13<sup>th</sup> rib site of a 300kg dressed carcass. More positive (+) EBV's indicate better muscling on animals.
- Fat Depth** Rib and Rump Fat EBV (mm) estimates the genetic differences in fat depth at the 12<sup>th</sup>/13<sup>th</sup> rib and P8 site in a 300kg dressed carcass. More positive EBV's indicate more subcutaneous fat and earlier maturity.  
Two fat EBV's are available as there is variation between animals regarding fat depth at the two sites. These EBV's are important if you want to change the fattening pattern of progeny and fat has a positively influence on fertility rates in heifers.
- RBY%** Retail Beef Yield Percent EBV (%) represents total (boned out) meat yield as a percentage of a 300kg dressed carcass. A more positive EBV indicates higher percentage yield for the 300 kg carcass size.
- IMF%** Intra-muscular Fat Percent EBV (%) is an estimate of the genetic difference in the percentage of intra-muscular fat at the 12<sup>th</sup>/13<sup>th</sup> rib site in a 300kg carcass. Depending on market targets, larger more positive values are generally more favourable.
- Muscle Score** Sandy Yeates (formerly of NSW Dept of Ag) has shown that well-muscled steers (C, C+, B- to B) attract a greater premium than lesser muscled steers (*less than C*). In fact, an average premium of \$80 was paid for B muscled steers above C muscled. Animals with high muscle score have a higher proportion of their carcasses made up with hindquarter cuts and have more even fat distribution requiring less fat trim. As muscle score increases, so too does dressing percentage and carcass yield.  
However, improving muscularity in the herd is a slow process as extremes must be avoided.

## FERTILITY

**Wirruna** bulls are subject to a breeding soundness evaluation (structure and fertility) by independent veterinarians of *Holbrook Veterinary Centre*. **Wirruna** only offer bulls that are fertile and structurally sound.

As with many genetic traits, fertility cannot be physically seen when inspecting a bull. Consequently, **Wirruna** measure various facets of fertility to assist clients to make an informed bull choice.

FERTILITY INFORMATION (Figures are breed average for calves born 2017)		
Scrotal Size EBV (cm)	DC EBV (days)	Scrotal Size (cm)
+2.0	-2.6	>32 cm

**Scrotal Size EBV** SS EBV (cm) is an indicator of male fertility in regards to semen quality and quantity. Also positively associated with female fertility, a higher (positive EBV) indicates higher fertility.

**Days to Calving** DC EBV (days) is an indicator of female fertility based on time between the cows first exposure to a bull and when she subsequently calves. Cows that calve late in the season or fail to calve are penalised. This is more useful as a sire trait. Lower (-ve) EBV's are preferred indicating short days to calving for the sires daughters.

**Scrotal Size** Testicles are examined for firmness, conformation, congenital defects and size. All bulls must have **firm testicles** that measure at least **32 cm by 18 months** of age.

**Serving Ability** All sale bulls are assessed on their ability to physically serve. Wirruna strongly recommend that you get your sires tested annually.

The highest risk of bull failure is in his first season. Mating your bull to 80% of his mating potential initially is advised to reduce this risk. We suggest a mating load of up to 40 for virgin bulls.

The Hereford GROUP BREEDPLAN Estimated Breeding Values contained in this sale catalogue were compiled by the *Agricultural Business Research Institute (ABRI)* from data supplied by the breeders. Neither Herefords Australia Ltd nor the ABRI oversee or audit the collection of this data.

The EBV's in this catalogue are December 2019 Group Breedplan. At the time of printing, the comparison to 2018 born animals was not possible. With monthly updates, EBVs can and do change as more data is submitted. This can mean that updated EBVs at sale time may differ to that printed in this catalogue.

## HEIFER BULLS

Dystocia levels in whiteface heifers in the higher rainfall zones of South-east Australia vary considerably, but nevertheless, on average are unacceptably high. As a seedstock producer, we aim to challenge heifers to target around 5% assistance levels and cull accordingly so that we are selecting for calving ease. In a commercial herd, an acceptable level of dystocia (assistance and stillbirths) in a herd varies with each manager. An economic loss becomes a concern above 5% whereas there may not be enough selection pressure for growth and muscling at a level below 5%.

There are many factors that influence dystocia levels, time of calving, heifer age, nutrition throughout pregnancy, pelvic area, heifers' own genetic influence on birth weight and gestation length. Nevertheless, Sires have the dominant influence through birthweight and calf shape.

There is more variation in the potential for bulls to cause calving difficulty **within breeds** than there is **between breeds**. The practise of using bulls of another breed to mate heifers is likely to be less successful than choosing the right bull with-in the breed that you already have.

To reduce calving difficulty in heifers choose a bull with:

- **Positive calving ease EBVs** - Direct and for the longer term, its daughters. Use bulls with above average calving ease.
- **Low Birthweight EBV** - itself and back through it's pedigree. Use bulls with below breed average birthweight (target less than +4.3)
- **Correct Shoulder Conformation** - Select bulls with narrow sloping shoulders. Some bulls can look tapered from front to back. Bulky shouldered bulls with shoulder blades that protrude and are straighter than 45% should be avoided.

The *Specialist Heifer Bulls* in this catalogue are selected for having the better calving ease characteristics as detailed above, not only in its own performance information, but also in their sire and dam. These are targetted at herds who want to significantly improve calving ease in their animals.

Generally, there are bulls in this catalogue that are **suitable for joining** to heifers in typical low dystocia herds. These are denoted with an 'Easy-calve' logo.

*Easy-calve*

# \$INDEX

Selection indices have been updated in November 2019 . Known as Breedobject \$Index, these indices are designed to allow balanced selection for various production/market scenarios and breeding objectives. Developed by the Animal Genetics and Breeding Unit (AGBU) at UNE in Armidale, this technology applies various weightings to the available EBVs to give a single EBV that reflects the value of an animal, to your breeding objective, in dollar terms. They rank animals for a single selection goal – **profit**.

The index indicates the net profitability per cow joined in a particular production system. Higher ranked animals offer extra profit potential.

Generic indexes have been developed for different production systems of typical commercial herds using Hereford bulls. Producers are advised to use the selection index that most closely aligns to their production system. All four selection indexes are focussed on maintaining and improving eating quality. Significant premiums are applied for increasing marble score up to a marble score of 3. Pressure is also applied to early life growth to maintain low ossification scores and good MSA compliance. In addition, each selection index targets the following specifications:

- **SOUTHERN SELF-REPLACING INDEX (SSR)** - This production system assumes a typical commercial self-replacing purebred Hereford herd in winter-dominated rainfall regions targeting the domestic market. Daughters are retained for breeding and so maternal traits are of importance. Steers are slaughtered at 20 to 22 months of age to produce 300 kg carcasses with 10 mm P8 fat depth. A moderate cost is applied for cow feed costs during the annual feed shortage period which results in small increases in cow weight.
- **NORTHERN SELF-REPLACING INDEX (NSR)** - This production system assumes a typical commercial self-replacing herd in summer-dominated rainfall regions targeting the domestic market. This index is suitable for use by both straight bred Hereford herds and in crossbreeding programs where Hereford bulls are being used over a Bos indicus based cow herd (e.g. flatback). Daughters are retained for breeding and so maternal traits are of importance. Steers are slaughtered at 20 to 22 months of age to produce 340 kg carcasses with 12 mm P8 fat depth. A high cost is applied for cow feed costs during the annual feed shortage period which produces little change in mature cow weight.
- **SOUTHERN BALDY MATERNAL INDEX (SBM)** - This production system assumes a typical commercial crossbred herd using Hereford bulls over Bos taurus females (e.g. Angus). A portion of the heifers are retained for breeding and so maternal traits are of importance. The steers and surplus heifers are destined for slaughter at 20 to 22 months of age. Steers produce 300 kg carcasses with 10 mm of P8 fat depth, while heifers produce 270 kg carcasses with 12 mm of P8 fat depth. A moderate cost is applied for cow feed costs during the annual feed shortage period.
- **NORTHERN BALDY TERMINAL INDEX (NBT)** - This production system assumes a typical commercial crossbred herd (e.g. flatback) using Hereford bulls over Bos indicus/Tropical females (e.g. Santa Gertrudis) where all progeny (male and female) are destined for slaughter. Steers and heifers are slaughtered at 20 to 22 months of age. Steers produce 340 kg carcasses with 14 mm of P8 fat depth while heifers produce 300 kg carcasses with 17 mm of P8 fat depth.

<b>BREED OBJECT \$INDEX</b>			
<i>(Figures are breed average for calves born 2017)</i>			
<b>SSR</b>	<b>NSR</b>	<b>SBM</b>	<b>NBT</b>
<b>\$119</b>	<b>\$104</b>	<b>\$119</b>	<b>\$87</b>

Indexes allow balanced selection in the true sense of the word – they apportion the amount of selection pressure that needs to be applied for growth, maternal, carcass and fertility traits to give you the most profitable herd over the long term. High indexing animals will rarely have the highest EBV for any single trait. The weightings depend on the economic importance of individual traits and account for antagonisms between traits.



## December 2019 Hereford BREEDPLAN - Percentile Bands for all 2017 born animals

Use this table as a guide to compare individual animals with the current genetic level of the breed

	Calv-Ease			Birth			Growth			Fert			Carcase				Extra			Indexes			
	Dir	Dir%	GL	Bwt	200	400	600	Mwt	Milk	SS	DC	Cvt	EMA	Rib	P8	RBY	IMF	Doc	NFI	SSR	NSR	SBM	NBT
		days	kg	kg	kg	kg	kg	cm	days	cm	days	kg	sq.cm	mm	mm	%	%	kg/day	kg/day				\$
High 1%	+12.2	+8.3	-5.5	-0.8	+47	+77	+111	+107	+25	+4.0	-6.1	+76	+6.7	+2.2	+3.2	+2.4	+1.9	+19	-0.35	+195	+183	+203	+149
High 5%	+9.6	+6.5	-3.2	+0.9	+43	+70	+100	+96	+23	+3.2	-5.0	+67	+5.5	+1.7	+2.3	+1.9	+1.4	+16	-0.19	+174	+162	+180	+131
High 10%	+7.9	+5.4	-2.3	+1.7	+40	+67	+85	+90	+21	+2.9	-4.5	+63	+4.9	+1.4	+1.9	+1.7	+1.1	+13	-0.15	+162	+149	+167	+122
High 15%	+6.7	+4.7	-1.9	+2.3	+39	+64	+82	+86	+20	+2.7	-4.1	+61	+4.6	+1.2	+1.6	+1.5	+1.0	+11	-0.12	+153	+140	+158	+116
High 20%	+5.7	+4.0	-1.5	+2.8	+38	+62	+89	+83	+19	+2.6	-3.9	+58	+4.3	+1.1	+1.4	+1.4	+0.8	+10	-0.09	+146	+133	+150	+110
High 25%	+4.8	+3.5	-1.2	+3.2	+37	+61	+86	+80	+18	+2.4	-3.6	+57	+4.0	+1.0	+1.2	+1.2	+0.7	+9	-0.07	+141	+127	+144	+105
High 30%	+4.0	+3.0	-1.0	+3.5	+36	+59	+84	+77	+18	+2.3	-3.4	+55	+3.8	+0.9	+1.0	+1.1	+0.6	+8	-0.04	+136	+121	+138	+101
High 35%	+3.2	+2.6	-0.8	+3.8	+35	+58	+82	+75	+17	+2.2	-3.2	+54	+3.6	+0.8	+0.9	+1.0	+0.5	+7	-0.02	+131	+116	+132	+97
High 40%	+2.5	+2.1	-0.6	+4.1	+34	+57	+80	+73	+17	+2.1	-3.0	+52	+3.4	+0.7	+0.7	+1.0	+0.5	+6	-0.01	+127	+111	+127	+94
High 45%	+1.8	+1.7	-0.4	+4.4	+34	+55	+79	+70	+16	+2.0	-2.8	+51	+3.2	+0.6	+0.6	+0.9	+0.4	+5	+0.01	+122	+107	+122	+90
50%	+1.1	+1.3	-0.3	+4.6	+33	+54	+77	+68	+16	+1.9	-2.6	+50	+3.1	+0.5	+0.5	+0.8	+0.3	+4	+0.02	+118	+102	+118	+87
Low 45%	+0.4	+0.9	-0.1	+4.9	+32	+53	+75	+66	+15	+1.8	-2.4	+48	+2.9	+0.4	+0.4	+0.7	+0.3	+3	+0.03	+114	+98	+113	+83
Low 40%	-0.3	+0.4	+0.1	+5.1	+31	+52	+73	+64	+15	+1.7	-2.2	+47	+2.8	+0.3	+0.2	+0.6	+0.2	+1	+0.04	+110	+94	+108	+80
Low 35%	-0.9	+0.0	+0.3	+5.4	+31	+50	+71	+61	+14	+1.6	-2.0	+46	+2.6	+0.2	+0.1	+0.6	+0.2	+0	+0.05	+106	+90	+103	+76
Low 30%	-1.6	-0.4	+0.5	+5.6	+30	+49	+69	+59	+13	+1.6	-1.8	+44	+2.5	+0.1	+0.0	+0.5	+0.1	-1	+0.07	+101	+85	+98	+73
Low 25%	-2.3	-0.9	+0.7	+5.8	+29	+48	+67	+56	+13	+1.4	-1.6	+43	+2.3	+0.0	-0.2	+0.4	+0.0	-2	+0.08	+96	+80	+93	+69
Low 20%	-3.2	-1.4	+0.9	+6.1	+28	+46	+64	+53	+12	+1.3	-1.4	+41	+2.1	-0.1	-0.3	+0.3	-0.1	-4	+0.09	+91	+75	+87	+64
Low 15%	-4.2	-2.1	+1.2	+6.4	+27	+44	+61	+49	+11	+1.2	-1.1	+39	+1.9	-0.2	-0.5	+0.2	-0.1	-6	+0.10	+85	+69	+80	+60
Low 10%	-5.5	-2.9	+1.5	+6.8	+25	+41	+58	+45	+10	+1.0	-0.8	+36	+1.7	-0.4	-0.8	+0.0	-0.3	-9	+0.12	+78	+62	+72	+54
Low 5%	-7.7	-4.3	+2.1	+7.4	+23	+38	+52	+38	+9	+0.8	-0.4	+33	+1.4	-0.6	-1.1	-0.2	-0.4	-14	+0.15	+68	+53	+61	+44
Low 1%	-12.2	-7.3	+4.0	+8.5	+17	+29	+39	+20	+6	+0.2	+0.4	+25	+0.7	-1.1	-1.8	-0.8	-0.7	-30	+0.22	+48	+34	+38	+26

Note: Percentile Bands for 2017 Born Calves are provided as a useful tool to compare where a particular animal is placed relative to the breed for individual traits or \$Index values. In this catalogue, **yellow shading indicates traits that rank in the top 20% of the breed** and **black shading is a top 5% ranking.**

# 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.

Jim Green and Liam Cardile of 'BEEFXCEL' service 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 Jim and Liam are fully INDEPENDENT assessors.



Call **Liam Cardile** on 0409 572 570

# HOW TO USE THE BEEF CLASS STRUCTURAL ASSESSMENT SYSTEM

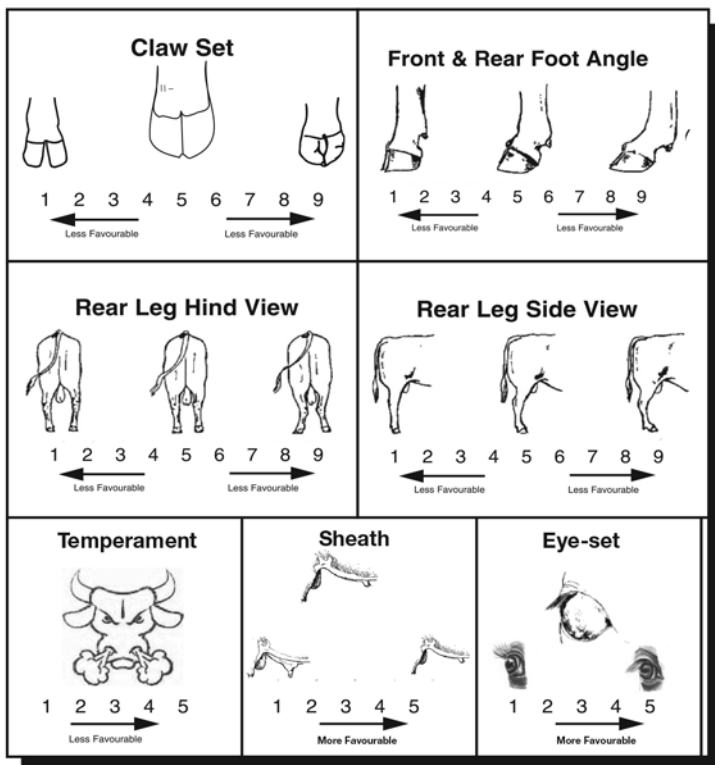
## WIRRUNA POLL HEREFORDS STRUCTURAL PROGRAM:

The 2020 Sale Bull offering 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 Wirruna sale bulls were assessed by **Liam Cardile** of BEEFXCEL on 5th December 2019.

### 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.



# GENOMICS AT WIRRUNA

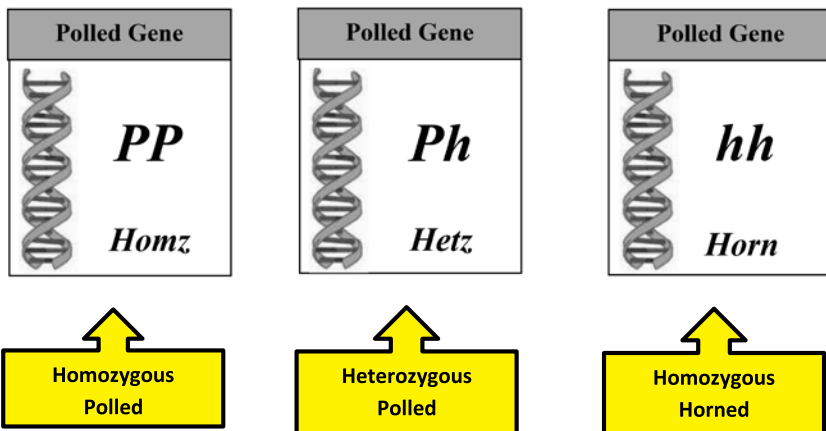
Genomics means the study of the Genome, or genetic make-up of an organism. In recent years, new technologies relating to the actual genes that animals carry have become available to the livestock industries. These include new ways to extract DNA, and run on a SNP (Single Nucleotide Polymorphism) panel to identify DNA markers for key traits & genetic conditions. In fact, many thousands of markers, depending on the size of the SNP panel.

Genomic tests are useful to seedstock breeders for parent verification and to better explain the genetic makeup of an animal, simple traits like the Coat colour, Poll/Horn gene and genetic diseases can be readily identified, but also more complex traits can be measured, due to the large number of markers available, to give us better calculations of an animal's genetic merit. There are currently genomic predictions for traits like calving ease, milk, average daily gain, marbling, docility, carcase weight and residual feed intake. Furthermore, being in its infancy, more traits will be added as the technology develops.

In 2017, we saw the implementation of Single Step BREEDPLAN. This is a significant milestone for the International Beef Recording Scheme at ABRI. In the Single Step analysis, SNP genotypes, along with the normal pedigree & performance information, are being incorporated into the calculation of BREEDPLAN EBVs. From the commercial beef producer's perspective, things won't look much different! However, in the calculations and accuracy of EBVs there will be significant improvements allowing you, the beef cattle producer, to make more accurate breeding decisions with enhanced and more accurate breeding values.

Wirruna have routinely DNA tested all Sires, Donor Dams and sale bulls for many years. Now we are moving to full DNA testing all animals. Wirruna have been at the forefront of this technology and have more genotypes contributed to the Hereford reference population than any other Hereford herd in Australia. This should give you confidence that our data is the best quality that it can be to give you the best tools to make your Breeding decisions.

All sale bulls have gene test results to identify those that are true polled, or homozygous polled (PP), and those that carry the horn gene, or heterozygous polled (Ph). The poll gene results are reported as follows.



All progeny of a PP homozygous polled bull will be polled. Heterozygous polled bulls (Ph), on the other hand, can throw horned progeny if the horn gene is also present in the cow. The test is a very useful tool for those herds who wish to genetically dehorn progeny. Generally, strong poll herds do not need to focus on the gene due to the dominance of the poll gene (P) to the horn gene (h).



# WIRRUNA GUARANTEE

WIRRUNA  
poll herefords

Many seedstock producers guarantee their bulls. **Wirruna** offers a unique Bull Guarantee as it also helps to cover the client's risk of a bull not siring a satisfactory number of calves due to the fault of his own fertility.

Wirruna does everything we practically can to ensure a bull is fertile and removes bulls that are unfit to be mated. Given that no one can absolutely guarantee a bulls' fertility, you do buy at your own risk. However, in an effort to share this risk, Wirruna offer this guarantee which is valid for the next mating only and annual testing is strongly recommended.

*All bulls are independently examined for:*

- structural soundness,
- testicle size and conformation, and
- serving ability test

## What does Wirruna Guarantee?

### 1 Bull Infertility

If a tested Wirruna bull is unable to sire calves as a result of a failure of his own fertility during his first mating, we will either:

- ☞ replace him with an equivalent bull
- ☞ give credit towards future purchases
- ☞ refund the purchase price of the bull

### Bull Sub-fertility

In the case of a sub-fertile bull not able to achieve an adequate number of pregnancies during his first mating we will either:

- ☞ offer a proportioned credit towards future purchases
- ☞ partly refund the purchase price of the bull

### 2 Compensation for lost pregnancies

Furthermore, we also compensate you for the pregnancies that the bull failed to get for you, by means of either:

- ☞ a credit towards future purchases
- ☞ a cash refund equal to the loss of pregnancies incurred by the owner

## How does it work?

Let's assume that you mate your new \$5,000 bull to his advised maximum mating load of 40 cows. If the cows are healthy, cycling and free of diseases capable of causing reproductive failure, you should expect 36 (90% for cows, 85% for heifers) of them to conceive over a 9 week joining period. Let's say that only 20 conceive and it can be independently confirmed by a registered veterinarian of a fertility problem in the bull not caused by injury or acquired disease. We will compensate the owner \$100 per additional empty cow above that normally expected. Eg.  $(36-20) \times \$100 = \$1,600$ , representing the commercial difference in value between the 16 empty cows and 16 pregnant ones. Furthermore, we give a credit or refund on the purchase price of the bull proportional to the missed and expected pregnancies. In this case, the owner will receive 16 of 36 (44%) of \$5,000 = \$2,222 plus the compensation of \$1,600 = \$3,822.

The infertile or sub-fertile bull is then to be sold on the vendor's behalf or delivered to a place mutually agreed upon by both parties.

This guarantee is not a replacement for good management. It is aimed at appropriately covering the performance of the bull where the cows are diligently managed to recognised industry standards. The bull owner has a duty to observe joining, monitor later cycling, pregnancy test and communicate any problems

## What is your obligation?

so as to quickly resolve problems and get on with the beef breeding business. Early pregnancy testing is essential good female management and detection of early surprises is a good loss mitigation measure.

Wirruna does their utmost to produce bulls that are valued by their new owner for their ability to lower their cost per pregnancy and to improve their herd's genetic worth. We believe that if we put your interests first, you will be a more satisfied client. This guarantee, amongst the best on offer in Australia, shares the financial risk within the vital first year of purchasing a bull and clearly demonstrates the confidence that we have in our bulls along with the commitment that we have to you after sale day.

*The Locke Family.*

**Reference Sires - Outside AI**

Sire Name	CALVING/EASE					GROWTH & MATERNAL					FERTILITY					CAMECASE DATA DBV'S					AI SIRE PERFORMANCE DATA					Lot Nos
	Calv. Dis. Dr.	Calv. Eas. Mtd.	Calv. Eas. Dvys	Birth Wt. (kg)	30D Drop Growth	30D Day Weight	60D Day Weight	90D Day Weight	Mature Weight	Genetic Milk	Genetic Udder	Stillborn	Days to Calving	CWT	EAA	REP for (mm)	PSI for (mm)	BST	RFI	RFI (C)	Total Dkdrop	NSR	NSM	NFI		
	+13.5	+8.0	-3.2	+0.1	+4.9	+47	+78	+103	+83	+16	+5.0	-4.5	+84.0	+4.5	+1.5	+1.4	+0.6	+4.3	+2.1	+1.1	+1.9	-5	+82.5	+824.8	+831.7	
ALLENDALE ANZAC E114	-2.8	+0.6	-1.0	+7.2	+49	+82	+113	+102	+17	+4.2	-1.1	+75.0	+6.6	+1.2	+1.5	+0.1	+1.9	+2.2	+1.9	+2.2	+12	+51.6	+816.3	+815.2	2	
ARDO BISMARCK	+13.5	+8.0	-3.2	+0.6	+4.9	+47	+78	+103 <td>+83</td> <td>+16</td> <td>+5.0</td> <td>-4.5</td> <td>+84.0</td> <td>+4.5</td> <td>+1.5</td> <td>+1.4</td> <td>+0.6</td> <td>+4.3</td> <td>+2.1 <td>+1.1 <td>+1.9</td> <td>-5</td> <td>+82.5</td> <td>+824.8</td> <td>+831.7</td> <td>37, 39, 42</td> </td></td>	+83	+16	+5.0	-4.5	+84.0	+4.5	+1.5	+1.4	+0.6	+4.3	+2.1 <td>+1.1 <td>+1.9</td> <td>-5</td> <td>+82.5</td> <td>+824.8</td> <td>+831.7</td> <td>37, 39, 42</td> </td>	+1.1 <td>+1.9</td> <td>-5</td> <td>+82.5</td> <td>+824.8</td> <td>+831.7</td> <td>37, 39, 42</td>	+1.9	-5	+82.5	+824.8	+831.7	37, 39, 42
KCF BENNETT REVOLUTION X51	+8.1	+2.2	+0.1	+4.9	+47	+78	+103 <td>+83</td> <td>+16</td> <td>+5.0</td> <td>-4.5</td> <td>+84.0</td> <td>+4.5</td> <td>+1.5</td> <td>+1.4</td> <td>+0.6</td> <td>+4.3</td> <td>+2.1 <td>+1.1 <td>+1.9</td> <td>-5</td> <td>+82.5</td> <td>+824.8</td> <td>+831.7</td> <td>5</td> </td></td>	+83	+16	+5.0	-4.5	+84.0	+4.5	+1.5	+1.4	+0.6	+4.3	+2.1 <td>+1.1 <td>+1.9</td> <td>-5</td> <td>+82.5</td> <td>+824.8</td> <td>+831.7</td> <td>5</td> </td>	+1.1 <td>+1.9</td> <td>-5</td> <td>+82.5</td> <td>+824.8</td> <td>+831.7</td> <td>5</td>	+1.9	-5	+82.5	+824.8	+831.7	5	
OS A43081556AIR	+2.9	+4.4	+0.4	+6.8	+46	+86	+123	+103	+21	+2.4	+4.7	+42.0	+3.6	+1.7	+1.7	+0.4	+1.3	-2	+3.6	+1.9	+2.2	+82.1	+819.8	+821.5	16, 19, 29, 31, 52, 57	
OS A021631962NZIB	+4.2	+3.4	+2.4	+6.1	+31	+52	+73	+54	+1	+2.4	+4.7	+42.0	+3.6	+1.7	+1.7	+0.4	+1.3	-2	+3.6	+1.9	+2.2	+82.1	+819.8	+821.5	9, 23, 36	
OS A27390140NZIB	+8.3	+3.9	-3.8	+2.5	+35	+65	+88	+67	+15	+3.9	-7.2	+63.0	+3.3	+2.0	+2.8	-0.2	+1.1	+4	+81.9	+818.4	+819.5	+831.9	+831.9	+831.9	28, 38, 44	
OS A040020083NZIB	-5.0	+3.0	+1.9	+7.2	+46	+80	+111	+107	+18	+3.5	-3.6	+73.0	+5.1	+1.7	+2.1	+0.4	+1.8	-9	+81.9	+817.1	+816.3	+811.2	+811.2	+811.2	18, 55	
TOBRUK LENNOX																										

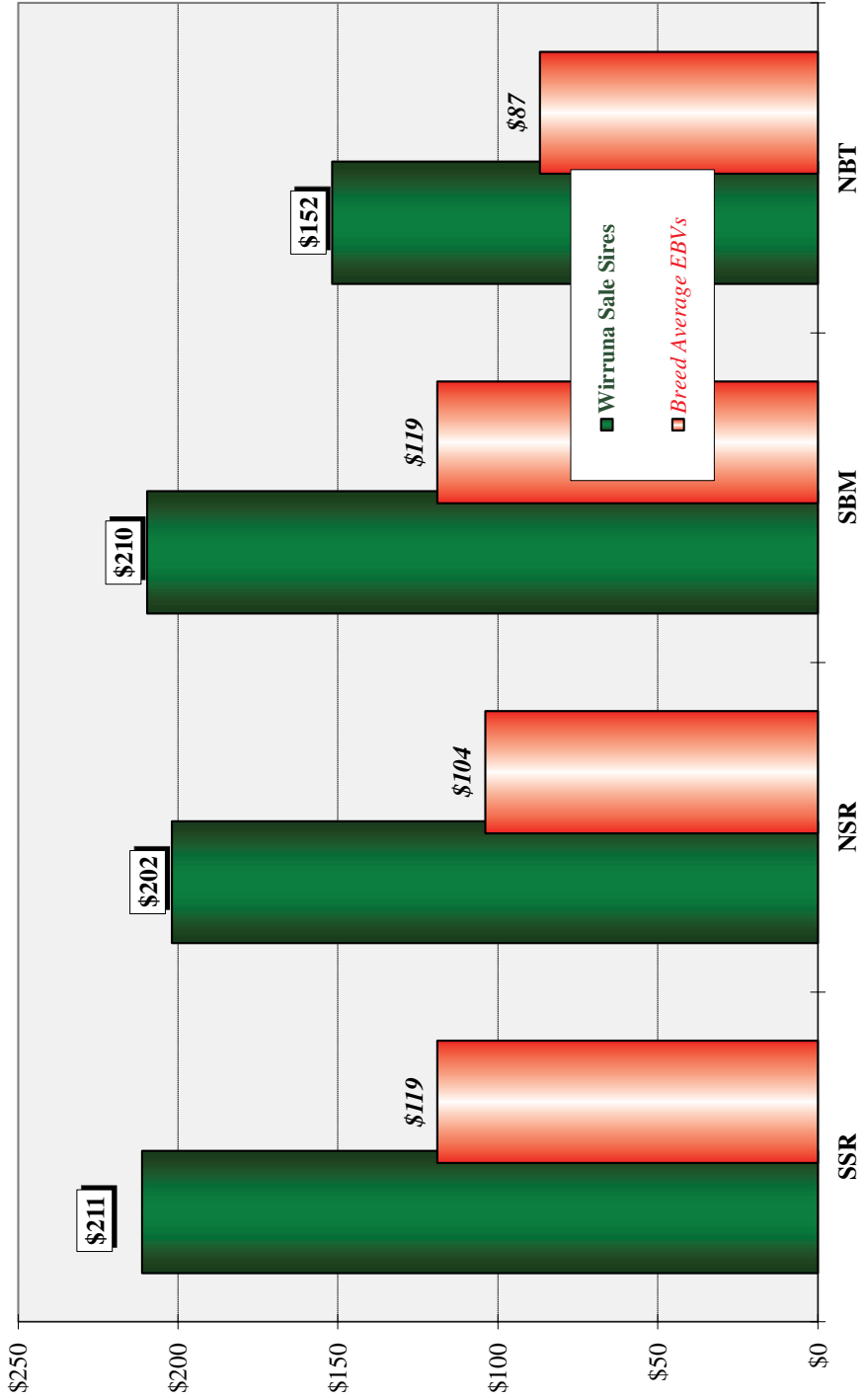
**Reference Sires - WPHS**

Sire Name	BIRTH/IBV'S					GROWTH/IBV'S					FERTILITY					CAMECASE DATA DBV'S					PADDOCK SIRE PERFORMANCE DATA					Lot Nos
	Calv. Dis. Dr.	Calv. Eas. Mtd.	Calv. Eas. Dvys	Birth Wt. (kg)	30D Drop Growth	30D Day Weight	60D Day Weight	90D Day Weight	Mature Weight	Genetic Milk	Genetic Udder	Stillborn	Days to Calving	CWT	EAA	REP for (mm)	PSI for (mm)	BST	RFI	RFI (C)	Total Dkdrop	NSR	NSM	NFI		
	+7.5	+7.7	-6.6	+4.1	+44	+69	+92	+63	+20	+1.6	-6.0	+67.0	+5.8	+0.0	-1.6	+1.3	+2.3	-2	+82.1	+818.9	+821.4	+815.1	+815.1	+815.1	+815.1	
WIRRUNA ELETCHER F214	+6.4	+6.3	-2.5	+1.9	+27	+47	+69	+39	+10	+2.7	-5.9	+54.0	+4.3	+1.5	+2.1	+0.8	+2.2	+12	+81.9	+818.6	+818.6	+812.4	+812.4	+812.4	+812.4	3, 51
WIRRUNA FORT F82	+0.2	+3.2	-5.4	+6.1	+43	+63	+86	+64	+14	+3.2	-4.3	+64.0	+9.5	+0.0	-0.8	+3.4	+1.9	-6	+81.8	+818.2	+817.7	+812.5	+812.5	+812.5	+812.5	4, 10, 30
WIRRUNA KATNOOK K74	+7.6	+3.7	-4.7	+4.7	+41	+66	+83	+62	+17	+3.5	-6.5	+62.0	+6.2	+0.0	-2.0	+1.0	-6	+81.8	+817.6	+817.6	+812.5	+812.5	+812.5	+812.5	6	
WIRRUNA KILLARA K106	+9.7	+6.9	-4.3	+0.1	+35	+66	+83	+60	+12	+4.2	-7.2	+69.0	+4.2	+3.2	+3.9	-0.9	+2.5	-4	+82.10	+820.9	+821.3	+815.3	+815.3	+815.3	+815.3	1, 26
WIRRUNA KALIMNA K326	-0.4	+5.2	-3.8	+3.9	+43	+69	+90	+62	+18	+2.7	-5.2	+64.0	+4.7	+0.8	+0.1	+0.7	+2.1	+1	+81.8	+816.5	+817.1	+815.1	+815.1	+815.1	+815.1	34, 60
WIRRUNA LANCE L74	+0.4	+2.6	-1.1	+5.6	+41	+72	+94	+79	+14	+3.8	-1.7	+66.0	+7.6	+1.2	+1.8	+1.1	+1.1	+17	+81.6	+815.4	+816.2	+811.8	+811.8	+811.8	+811.8	33
WIRRUNA LEWILL200	+1.9	+1.9	-1.4	+4.3	+45	+71	+95	+54	+19	+1.2	-3.4	+64.0	+3.0	+1.6	+2.3	-0.1	+2.6	+14	+81.9	+817.9	+819.1	+813.3	+813.3	+813.3	+813.3	20, 21, 58, 59
WIRRUNA LEDGER L285	+5.8	+1.3	-1.1	+4.6	+51	+80	+104	+73	+21	+4.6	-4.1	+84.0	+7.1	+1.7	+2.1	+0.7	+1.5	+12	+82.0	+819.7	+821.1	+815.5	+815.5	+815.5	+815.5	13, 15, 24, 25, 40, 45, 56
WIRRUNA M205	+14.4	+11.2	-7.7	-1.8	+27	+46	+53	+22	+21	+2.0	-5.6	+57.0	+6.9	+1.3	+1.4	+1.6	+1.4	+8	+81.7	+817.5	+819.9	+813.3	+813.3	+813.3	+813.3	41, 48
WIRRUNA M010	+11.4	+5.4	-4.0	+3.9	+47	+82	+110	+101	+20	+2.7	-5.1	+87.0	+6.7	+1.3	+2.0	+1.8	+0.6	+2.7	+82.1	+821.0	+823.8	+818.2	+818.2	+818.2	+818.2	43
WIRRUNA MIDNIGHT M089	+9.7	+7.5	-3.6	+0.8	+31	+51	+76	+72	+17	+2.2	-3.4	+64.0	+4.1	+0.0	+0.3	+1.9	+0.6	+1.7	+81.9	+815.6	+818.0	+813.7	+813.7	+813.7	+813.7	35, 50
WIRRUNA MANTON M126	+11.4	+6.8	-6.5	+1.4	+35	+65	+87	+79	+14	+2.3	+0.7	+65.0	+4.7	+1.2	+1.3	-0.4	+2.6	+20	+81.6	+815.2	+819.7	+815.9	+815.9	+815.9	+815.9	11, 12, 17, 46
WIRRUNA MATTY M288																										
Breed Avg: 17 drop	+1.1	+1.2	-0.3	+4.4	+33	+54	+76	+67	+16	+2.0	-2.6	+50	+3.2	+0.5	+0.5	+0.8	+0.4	+3	+81.9	+819.4	+819.9	+819.9	+819.9	+819.9	+819.9	
Top 20% of breed 17 drop	+5.7	+4.0	-1.5	+2.8	+38	+62	+89	+83	+19	+2.6	-3.9	+58	+4.3	+1.1	+1.4	+1.4	+0.8	+10	+81.6	+813.3	+815.0	+811.0	+811.0	+811.0	+811.0	Yellow Highlight: Ranks in top 20%
Top 5% of breed 17 drop	+9.6	+6.5	-3.2	+0.9	+43	+70	+100	+96	+23	+3.2	-5.0	+67	+5.5	+1.7	+2.3	+1.9	+1.4	+16	+81.7	+814.2	+816.2	+818.0	+813.1	+813.1	+813.1	Black Highlight: Ranks in top 5%

## COMPARISON OF \$INDEX VALUES

*Wirruna Sale Sires vs Overall Breed Average*

EBV (kgs)





Pen No. 1 (Wirruna Sires)

Birth Date: 9-Aug-17  
 Society ID: WNAN049  
 Horn/Scurs/Poll: P

- A true curve-bender. No. 3 Sire in the breed for Marbling
- This long-bodied Kalimna son has always been one of our top picks
- Exceptional trait balance - CE with growth, superior fertility & tops for carcass
- Used as the joining Sire to female lots in this catalogue

'Star Lot', 50% Semen rights retained

*Easy-calve*

Sire: **WIRRUNA KALIMNA K326 (WNAK326)**  
 WIRRUNA EXPLORER E188  
 WIRRUNA HARTWIG H297  
 WIRRUNA MIDGE A51  
 ARDO HUSTLER 4110 (IMP)  
 WIRRUNA CORA H303  
 WIRRUNA CORA D9  
 CAPETHORNE HOT SHOT 03 22  
 MATARIKI HOLY-SMOKE  
 MATARIKI GIRLIE 00323  
 Dam: **WIRRUNA CIRCE L192 (WNAL192)**  
 BANEMORE NORTH END D36  
 CO-OP5 CIRCE G396  
 SOUTH BUKALONG CIRCE 105



Dec 2019 GROUP BREEDPLAN EBV's

CALVING EASE				GROWTH & MATERNAL				
Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Weight	200-Day Growth	400-Day Weight	600-Day Weight	Mat Cow Weight	Genetic Milk
<b>+8.5</b>	<b>+3.2</b>	<b>-4.9</b>	<b>+1.2</b>	<b>+39</b>	<b>+73</b>	<b>+94</b>	+71	+18
60%	45%	76%	84%	75%	73%	73%	66%	50%

FERTILITY		CARCASS						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
<b>+3.1</b>	<b>-5.9</b>	<b>+80</b>	<b>+5.2</b>	<b>+3.2</b>	<b>+4.4</b>	-1.0	<b>+3.2</b>	-7
78%	45%	65%	58%	62%	64%	55%	62%	55%

STRUCTURAL ASSESSMENT						29-Dec-19	Temp.
7	5	6	7	5	6	4	40
							1-Oct-19
							1

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
SSR	NSR	SBM	NBT		<i>Ph</i>			Eye Pigment
<b>\$213</b>	<b>\$207</b>	<b>\$219</b>	<b>\$165</b>	<i>Hetz</i>	<i>Mid</i>	<b>C+</b>	<b>4</b>	100/100

Purchaser \_\_\_\_\_

Price \_\_\_\_\_







Pen No. 1 (Wirruna Sires)

Birth Date: 14-Aug-17  
 Society ID: WNAN168  
 Horn/Scurs/Poll: P

- A stand-out Sire by Anzac - Great body & large testicles
- A curve-bending growth profile with exceptional \$Index values
- Combines carcass quality & quantity - top 5% EMA & top 1% IMF%
- Out of a favoured cow, chosen as a Donor & raised 7 natural calves

'Star Lot', 50% Semen rights retained

*Easy-calve*

Sire: **ALLEDALE ANZAC E114 (AEDE114)**  
 ALLEDALE PUNTER 3  
 ALLEDALE YACKA  
 ALLEDALE FLORRIE Z33  
 ALLEDALE NATIONAL W168  
 ALLEDALE DAWN B22 (AI) (ET)  
 ALLEDALE DAWN T60 (AI)  
 ARDO HUSTLER 4110 (IMP)  
 ELITE 4110 E212  
 SOUTH BUKALONG WINIFRED 54  
 Dam: **WIRRUNA DIDO H45 (WNAH45)**  
 MOUNT DIFFICULT FELLIS Y12 (AI)  
 WIRRUNA Dido F371  
 SOUTH BUKALONG DIDO 65



Dec 2019 GROUP BREEDPLAN EBV's

CALVING EASE				GROWTH & MATERNAL				
Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Weight	200-Day Growth	400-Day Weight	600-Day Weight	Mat Cow Weight	Genetic Milk
+4.4	+1.0	<b>-1.7</b>	+3.7	<b>+44</b>	<b>+78</b>	<b>+107</b>	<b>+85</b>	+14
60%	52%	67%	80%	73%	72%	72%	68%	64%

FERTILITY		CARCASS						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
<b>+4.5</b>	<b>-3.5</b>	<b>+78</b>	<b>+6.1</b>	<b>+1.8</b>	<b>+2.5</b>	<b>-0.1</b>	<b>+2.4</b>	<b>+16</b>
78%	49%	63%	57%	61%	64%	59%	62%	58%

STRUCTURAL ASSESSMENT						29-Dec-19	Temp.
6	6	6	7	4	6	4	1-Oct-19 44
							I

\$INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
SSR	NSR	SBM	NBT					Eye Pigment
<b>\$205</b>	<b>\$194</b>	<b>\$207</b>	<b>\$154</b>	 <b>PP</b> Homz.	<b>Mid</b>	<b>C+</b>		100/100
							4	

Purchaser \_\_\_\_\_

Price \_\_\_\_\_



Pen No. 1 (Wirruna Sires)

Birth Date: 15-Aug-17

Society ID: WNAN191

Horn/Scurs/Poll: P

- Proven Sire - shows length, frame & soundness - 24 progeny
- Exceptional top 1% \$Index rankings reflects his outstanding balance of profit traits
- Curve bending growth - achieved strong weight/day of age performance
- Appreciate his docility, top 5% EMA, top 1% marbling & large testicles  
50% Semen rights retained

SOUTH BUKALONG WALKER 6  
SOUTH BUKALONG WALLACE 2  
SOUTH BUKALONG VICTORIA 152

Sire: **WIRRUNA FORT F382 (WNAF382)**  
MOUNT DIFFICULT FELLIS Y12 (AI)  
MOUNT DIFFICULT LORNA B123  
MOUNT DIFFICULT LORNA X73

GH ADAMS TARGET 5S (IMP)  
WIRRUNA HURRICANE H132  
WIRRUNA FLORA D261

Dam: **WIRRUNA LAST DAY K210 (WNAK210)**  
ARDO HUSTLER 4110 (IMP)  
WIRRUNA LAST DAY H333  
WIRRUNA LAST DAY D84



Dec 2019 GROUP BREEDPLAN EBV's

CALVING EASE				GROWTH & MATERNAL				
Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Weight	200-Day Growth	400-Day Weight	600-Day Weight	Mat Cow Weight	Genetic Milk
+2.0	+3.1	<b>-3.0</b>	+4.6	<b>+43</b>	<b>+69</b>	<b>+99</b>	+59	+15
68%	51%	76%	87%	77%	74%	74%	69%	62%

FERTILITY		CARCASS						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
<b>+3.1</b>	<b>-5.1</b>	<b>+76</b>	<b>+6.3</b>	<b>+1.1</b>	+1.2	<b>+1.5</b>	<b>+2.1</b>	<b>+13</b>
79%	47%	62%	55%	59%	62%	57%	60%	57%

STRUCTURAL ASSESSMENT						29-Dec-19	Temp.
5	6	6	6	5	5	4	44
							1-Oct-19
							1

\$INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
SSR	NSR	SBM	NBT					Eye Pigment
<b>\$221</b>	<b>\$206</b>	<b>\$208</b>	<b>\$139</b>	<b>PP</b> Homz	Late	C+		100/95
							4	

Purchaser \_\_\_\_\_

Price \_\_\_\_\_



Pen No. 1 (Wirruna Sires)

Birth Date: 16-Aug-17  
 Society ID: WNAN216  
 Horn/Scurs/Poll: P

- Nice phenotype - dark coated sire with good front-end
- Outstanding carcass with top 1% EMA & IMF% EBVs and top 5% RBY%
- Features excellent eye-set, nice muscling & conformation
- Ranks in the top 15 '2017 born' bulls for the Self Replacing \$Index values

'Star Lot'

QUAMBY PLAINS STOCKMASTER Y118

┌─── WIRRUNA FLETCHER F214  
       WIRRUNA LAST DAY B16 (H)

Sire: WIRRUNA KATNOOK K74 (WNAK74)

WIRRUNA DAFFY D1

┌─── WIRRUNA VICTORIA G7  
       WIRRUNA VICTORIA E112

KCF BENNETT 3008 M326

┌─── NJW 73S M326 TRUST 100W  
       NJW P606 72N DAYDREAM 73S

Dam: WIRRUNA MABEL K428 (WNAK428)

SOUTH BUKALONG WALLACE 2

┌─── WIRRUNA MABEL F127  
       MOUNT DIFFICULT MABEL Z85



Dec 2019 GROUP BREEDPLAN EBV's

CALVING EASE				GROWTH & MATERNAL				
Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Weight	200-Day Growth	400-Day Weight	600-Day Weight	Mat Cow Weight	Genetic Milk
+3.6	<b>+6.1</b>	<b>-2.8</b>	+4.8	<b>+42</b>	<b>+75</b>	<b>+102</b>	+79	+17
58%	41%	76%	85%	75%	73%	73%	67%	53%

FERTILITY		CARCASS						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBY (%)	IMF (%)	Docility
<b>+3.0</b>	<b>-4.2</b>	<b>+81</b>	<b>+9.3</b>	+0.8	+0.5	<b>+2.3</b>	<b>+2.3</b>	-5
78%	42%	62%	55%	59%	62%	55%	60%	53%

STRUCTURAL ASSESSMENT						29-Dec-19	Temp.
6	5	5	6	4	5	4	42
							1-Oct-19
							I

\$INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
SSR	NSR	SBM	NBT					Eye Pigment
<b>\$219</b>	<b>\$208</b>	<b>\$218</b>	<b>\$155</b>	<b>PP</b>	<i>Mid</i>	<b>C+</b>		100/100
				<i>Homz</i>			5	

Purchaser \_\_\_\_\_

Price \_\_\_\_\_





Pen No. 1 (Wirruna Sires)

Birth Date: 23-Aug-17  
 Society ID: WNAN322  
 Horn/Scurs/Poll: P

- An excellent carcase improving Sire by Revolution X51
- Few bulls offer such carcase boosting traits - top 1% EMA & CWT, top 5% IMF%
- Also features good early growth (top 5% 200D & 400D) & fertility (top 5% DtC)
- High \$Index Sire - top 1% ranking for all \$Indices reflect excellent trait balance  
 50% Semen rights retained

*Easy-calve*

FELTONS LEGEND 242 (IMP USA)

┌ MSU TCF REVOLUTION 4R  
 MSU TCF RACHAEL ET 54N

Sire: **KCF BENNETT REVOLUTION X51 (OSA43081556AHR)**  
 EFBEEF SCHU-LAR PROFICIENT N093 (IMP USA)

┌ KCF MISS PROFICIENT U201  
 KCF MISS 774 L82

CAPETHORNE HOT SHOT 03 22

┌ MATARIKI HOLY-SMOKE  
 MATARIKI GIRLIE 00323

Dam: **WIRRUNA DOREEN J56 (WNAJ56)**  
 WIRRUNA DAVE D101  
 WIRRUNA DOREEN G327  
 WIRRUNA DOREEN C9



Dec 2019 GROUP BREEDPLAN EBV's

CALVING EASE				GROWTH & MATERNAL				
Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Weight	200-Day Growth	400-Day Weight	600-Day Weight	Mat Cow Weight	Genetic Milk
<b>+6.1</b>	+1.5	-0.4	+4.2	<b>+44</b>	<b>+73</b>	<b>+98</b>	+72	<b>+20</b>
60%	46%	76%	85%	75%	73%	73%	67%	59%

FERTILITY		CARCASE						Docility
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	
<b>+2.4</b>	<b>-5.1</b>	<b>+80</b>	<b>+10.2</b>	<b>+1.9</b>	<b>+2.4</b>	<b>+2.2</b>	<b>+1.6</b>	+4
78%	43%	60%	54%	58%	61%	55%	58%	55%

STRUCTURAL ASSESSMENT						29-Dec-19	Temp.
6	7	5	7	4	5	4	1-Oct-19 42
							I

\$INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
SSR	NSR	SBM	NBT					Eye Pigment
<b>\$215</b>	<b>\$212</b>	<b>\$217</b>	<b>\$161</b>	<b>PP</b> Homz.	<i>Mid</i>	<b>B-</b>		100/100
							4	

Purchaser \_\_\_\_\_

Price \_\_\_\_\_



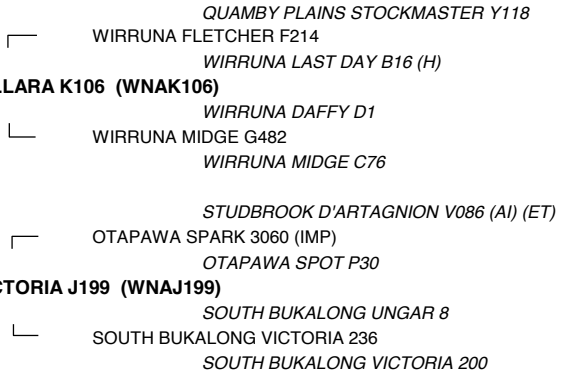
Pen No. 1 (Wirruna Sires)

Birth Date: 2-Sep-17  
 Society ID: WNAN449  
 Horn/Scurs/Poll: P

- An exceptional easy-fleshing Sire with large capacity
- A leading bull for the fertility traits - large scrotals & few better for DtC EBV
- Top 1% EBVs for muscle & marbling for improving carcass performance
- This is the 2nd Wirruna sire produced out of favoured Dam Victoria J199

*'Star Lot', 50% Semen rights retained*

*Easy-calve*



Dec 2019 GROUP BREEDPLAN EBV's

CALVING EASE				GROWTH & MATERNAL				
Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Weight	200-Day Growth	400-Day Weight	600-Day Weight	Mat Cow Weight	Genetic Milk
+5.2	+2.6	<b>-3.0</b>	+4.2	+36	<b>+64</b>	+86	+70	+17
56%	43%	62%	85%	74%	71%	72%	65%	55%

FERTILITY		CARCASS						Docility
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	
<b>+4.2</b>	<b>-7.7</b>	<b>+64</b>	<b>+7.1</b>	<b>+1.6</b>	<b>+1.7</b>	+0.9	<b>+2.2</b>	-16
77%	44%	58%	52%	56%	59%	53%	56%	53%

STRUCTURAL ASSESSMENT						29-Dec-19	Temp.
6	7	5	7	6	5	4	1-Oct-19 44
							I

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
SSR	NSR	SBM	NBT					Eye Pigment
<b>\$195</b>	<b>\$185</b>	<b>\$189</b>	<b>\$137</b>		<i>Mid</i>	<b>B-</b>		100/100
							4	

Purchaser \_\_\_\_\_

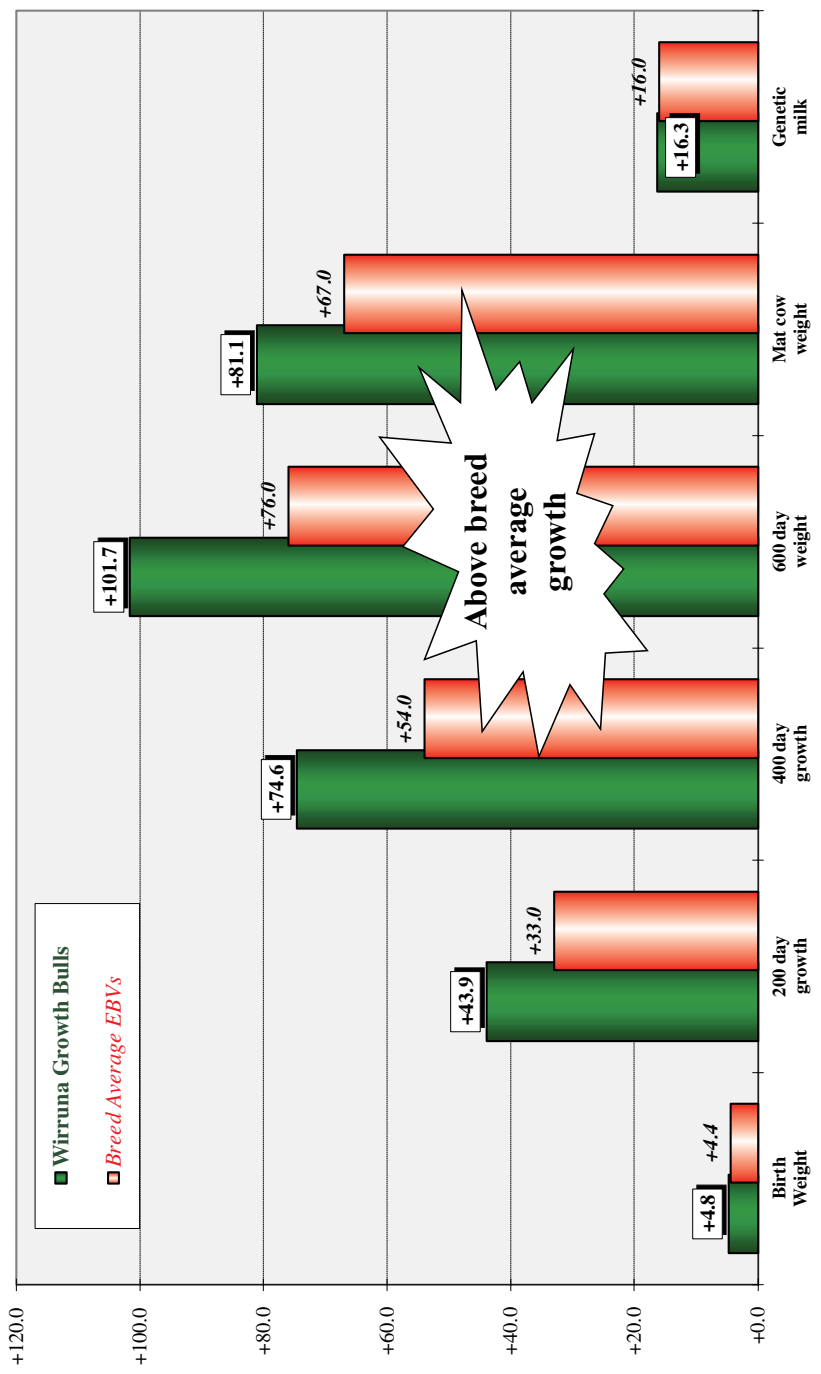
Price \_\_\_\_\_

# COMPARISON OF GROWTH EBV'S

Growth Bulls vs Overall Breed Average

EBV (kgs)

- Wirruna Growth Bulls
- Breed Average EBVs







Pen No. 7 (Growth Bulls)

Birth Date: 3-Aug-18  
 Society ID: WNAP029  
 Horn/Scurs/Poll: P

- A deep-sided fellow with lots of natural growth
- Features top 10% CE traits, coupled with top 5% early growth traits
- Carcase improving traits - Top 5% EMA & CWT, top 10% RBY%
- Offers excellent fertility traits (top 1% DtC) & Short gestation (top 1% GL EBV)

NOOKEN VALERIAN 2  
 ┌── QUAMBY PLAINS STOCKMASTER Y118  
     QUAMBY PLAINS MAGPIE W9  
**Sire: WIRRUNA FLETCHER F214 (WNAF214)**  
     MOUNT DIFFICULT UNGAR (S)  
 ┌── WIRRUNA LAST DAY B16 (H)  
     WIRRUNA LAST DAY Z152  
  
     MOUNT DIFFICULT CADBURY  
 ┌── WIRRUNA KAMA K8  
     WIRRUNA GOLDEN VANITY G276  
**Dam: WIRRUNA GOLDEN VANITY M167 (WNAM167)**  
     WIRRUNA GENETIC LIFT G122  
 ┌── WIRRUNA GOLDEN VANITY K421  
     WIRRUNA GOLDEN VANITY F218



Dec 2019 GROUP BREEDPLAN EBV's

CALVING EASE				GROWTH & MATERNAL				
Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Weight	200-Day Growth	400-Day Weight	600-Day Weight	Mat Cow Weight	Genetic Milk
<b>+9.0</b>	<b>+7.3</b>	<b>-6.1</b>	<b>+4.5</b>	<b>+43</b>	<b>+72</b>	<b>+96</b>	+79	+13
50%	42%	75%	73%	69%	69%	68%	64%	60%

FERTILITY		CARCASE						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBY (%)	IMF (%)	Docility
<b>+3.7</b>	<b>-6.1</b>	<b>+71</b>	<b>+6.3</b>	+0.5	-0.1	<b>+1.8</b>	<b>+0.9</b>	+8
78%	47%	61%	56%	60%	63%	56%	60%	54%

STRUCTURAL ASSESSMENT							5-Dec-19	Temp.
7	7	7	7	6	6	3	39	2

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
SSR	NSR	SBM	NBT	<b>PP</b> Homz	<b>Mid</b>	<b>C+</b>		Eye Pigment
<b>\$212</b>	<b>\$202</b>	<b>\$217</b>	<b>\$154</b>					<b>3</b>

Purchaser \_\_\_\_\_

Price \_\_\_\_\_



Pen No. 7 (Growth Bulls)

Birth Date: 5-Aug-18  
 Society ID: WNAP048  
 Horn/Scurs/Poll: P

- One of the highest ranked bulls for \$Index values - top 1%
- Curve-bending growth from a low birth weight & strong calving ease base
- Puts together that rare combination of yield (top 1% RBY%) & quality (top 1% IMF%)
- A soft skinned fellow with good weight/day of age performance

'Star Lot'

*Easy-calve*

NOOKEN VALERIAN 2  
 ┌ QUAMBY PLAINS STOCKMASTER Y118  
   QUAMBY PLAINS MAGPIE W9  
 Sire: WIRRUNA FLETCHER F214 (WNAF214)  
       MOUNT DIFFICULT UNGAR (S)  
       └ WIRRUNA LAST DAY B16 (H)  
         WIRRUNA LAST DAY Z152  
  
       SOUTH BUKALONG WALLACE 2  
       ┌ WIRRUNA FORT F382  
         MOUNT DIFFICULT LORNA B123  
 Dam: WIRRUNA GOLDEN VANITY M165 (WNAM165)  
       WIRRUNA HURRICANE H132  
       └ WIRRUNA GOLDEN VANITY K200  
         WIRRUNA GOLDEN VANITY H63



Dec 2019 GROUP BREEDPLAN EBV's

CALVING EASE				GROWTH & MATERNAL				
Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Weight	200-Day Growth	400-Day Weight	600-Day Weight	Mat Cow Weight	Genetic Milk
<b>+8.2</b>	<b>+6.7</b>	<b>-4.9</b>	+3.2	<b>+41</b>	<b>+68</b>	<b>+91</b>	+55	<b>+21</b>
52%	44%	76%	74%	69%	69%	68%	64%	61%

FERTILITY		CARCASS						Docility
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBY (%)	IMF (%)	
+1.7	<b>-4.7</b>	<b>+75</b>	<b>+7.6</b>	+0.4	-0.4	<b>+2.5</b>	<b>+1.9</b>	+6
78%	47%	61%	57%	60%	63%	57%	61%	55%

STRUCTURAL ASSESSMENT						5-Dec-19	Temp.	
Front 5	Back 5	Front 6	Back 6	5	5	4	36	I

\$INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
SSR	NSR	SBM	NBT	PP Homz.	Mid	C+	4	Eye Pigment
\$222	\$209	\$228	\$161					100/100

Purchaser \_\_\_\_\_

Price \_\_\_\_\_



Pen No. 7 (Growth Bulls)

Birth Date: 7-Aug-18  
 Society ID: WNAP076  
 Horn/Scurs/Poll: P

- Strong weight/day of age performance - top 10% growth
- I like the barrelled-body on this Eiffel Tower son with B- muscle
- Dam is donor cow producing 26 progeny, including WIRRUNA MATTY
- Attractive & dark coloured bull offering top 1% marbling

ET brother to Lots 23 & 36

OKAWA BENNETT 01076

┌ OKAWA LAIDLAW 4156  
 OKAWA AMETHYST S46

Sire: **MONYMUSK EIFFEL TOWER 090140 (IMP NZL) (OSA272090140NZHB)**  
 MONYMUSK TYPHOON 03 0041

└ MONYMUSK LEONORA 050091  
 MONYMUSK LEONORA 03 0008

ARDO HUSTLER 4110 (IMP)

┌ ELITE 4110 E212  
 SOUTH BUKALONG WINIFRED 54

Dam: **WIRRUNA CIRCLE H13 (WNAH13)**  
 KOANUI ROCKET 0219

└ WIRRUNA CIRCLE F31  
 WIRRUNA CIRCE D80



Dec 2019 GROUP BREEDPLAN EBV's

CALVING EASE				GROWTH & MATERNAL				
Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Weight	200-Day Growth	400-Day Weight	600-Day Weight	Mat Cow Weight	Genetic Milk
<b>+6.5</b>	<b>+5.1</b>	-1.1	+4.5	<b>+40</b>	<b>+69</b>	<b>+99</b>	<b>+83</b>	+7
57%	49%	67%	75%	71%	71%	70%	67%	63%

FERTILITY		CARCASS						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
<b>+3.0</b>	-1.2	<b>+67</b>	+3.4	<b>+1.2</b>	+1.1	-0.1	<b>+1.9</b>	+7
78%	45%	63%	58%	61%	64%	59%	62%	54%

STRUCTURAL ASSESSMENT						5-Dec-19	Temp.
6	5	5	6	6	5	5	38
							2

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
SSR	NSR	SBM	NBT					Eye Pigment
<b>\$184</b>	<b>\$171</b>	<b>\$196</b>	<b>\$143</b>	<b>PP</b>	<i>Mid</i>	<b>B-</b>		95/100
				<i>Homz.</i>			4	

Purchaser \_\_\_\_\_

Price \_\_\_\_\_



Pen No. 7 (Growth Bulls)

Birth Date: 8-Aug-18  
 Society ID: WNAP113  
 Horn/Scurs/Poll: D

- Dark-red coat & large testicles
- Combines CE & short GL with top 5% 200D & top 10% 400D growth
- High value carcass boosting attributes - top 1% EMA & RBV%, top 5% IMF%
- Don't let presence of horns overshadow his sound structure & body conformation

Dehorned

QUAMBY PLAINS STOCKMASTER Y118

┌ WIRRUNA FLETCHER F214  
 WIRRUNA LAST DAY B16 (H)

Sire: WIRRUNA KATNOOK K74 (WNAK74)

WIRRUNA DAFFY D1

┌ WIRRUNA VICTORIA G7  
 WIRRUNA VICTORIA E112

ELITE 4110 E212

┌ WIRRUNA HOPKINS H126  
 WIRRUNA AMABELL F269

Dam: WIRRUNA PETAL K337 (WNAK337)

WIRRUNA DARKIE D66

┌ WIRRUNA PETAL G333  
 SOUTH BUKALONG PETAL 88



Dec 2019 GROUP BREEDPLAN EBV's

CALVING EASE				GROWTH & MATERNAL				
Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Weight	200-Day Growth	400-Day Weight	600-Day Weight	Mat Cow Weight	Genetic Milk
+4.4	<b>+5.3</b>	<b>-5.8</b>	+5.1	<b>+43</b>	<b>+68</b>	<b>+91</b>	+82	+13
45%	34%	75%	73%	67%	67%	67%	62%	51%

FERTILITY		CARCASS						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+2.2	-2.3	<b>+67</b>	<b>+7.2</b>	+0.3	-0.3	<b>+2.5</b>	<b>+1.5</b>	-3
73%	40%	60%	52%	58%	61%	52%	59%	52%

STRUCTURAL ASSESSMENT						5-Dec-19	Temp.	
Front	Back	Front	Back	5	5	4	3-Dec-19 40	1
6	5	6	6					

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
SSR	NSR	SBM	NBT	HH	Mid	C+	4	Eye Pigment
<b>\$180</b>	<b>\$175</b>	<b>\$188</b>	<b>\$141</b>	Horn				100/100

Purchaser \_\_\_\_\_

Price \_\_\_\_\_



Pen No. 7 (Growth Bulls)

Birth Date: 10-Aug-18  
 Society ID: WNAP138  
 Horn/Scurs/Poll: P

- A really nice Matty calf offering growth & carcass
- One of the heavier bulls catalogued - good ADWG performance
- Superior muscle (B-) & marbling to lift carcass quality attributes (top 1% IMF%)
- Appreciate his capacity, calving ease, short GL & high-end \$Indices

*Easy-calve*

ALLEYDALE YACKA  
 ┌ ALLEDALE ANZAC E114  
   ALLEDALE DAWN B22 (AI) (ET)  
 Sire: WIRRUNA MATTY M288 (WNAM288)  
       ELITE 4110 E212  
 ┌ WIRRUNA CIRCLE H13  
   WIRRUNA CIRCLE F31  
       MATARIKI HOLY-SMOKE  
 ┌ WIRRUNA JUSTIN J13  
   WIRRUNA DOREEN G393  
 Dam: WIRRUNA ATLANTA M042 (WNAM042)  
       INJEMIRA ADVANCE Y203 (H)  
 ┌ WIRRUNA ATLANTA K171  
   WIRRUNA ATLANTA F39



Dec 2019 GROUP BREEDPLAN EBV's

CALVING EASE				GROWTH & MATERNAL				
Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Weight	200-Day Growth	400-Day Weight	600-Day Weight	Mat Cow Weight	Genetic Milk
<b>+7.3</b>	<b>+5.2</b>	<b>-6.1</b>	+4.0	<b>+41</b>	<b>+73</b>	<b>+99</b>	<b>+89</b>	+17
47%	37%	64%	73%	67%	67%	65%	58%	49%

FERTILITY		CARCASS						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
<b>+1.2</b>	-1.4	<b>+72</b>	<b>+6.0</b>	<b>+1.6</b>	<b>+2.1</b>	+0.7	<b>+2.0</b>	<b>+17</b>
76%	39%	55%	50%	54%	58%	52%	54%	48%

STRUCTURAL ASSESSMENT						5-Dec-19	Temp.	
Front 7	Back 6	Front 5	Back 6	6	5	4	35	2

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
SSR	NSR	SBM	NBT	<b>PP</b> Homz.	<i>Mid</i>	<b>B-</b>	4	Eye Pigment 90/90
<b>\$184</b>	<b>\$177</b>	<b>\$204</b>	<b>\$158</b>					

Purchaser \_\_\_\_\_

Price \_\_\_\_\_



Pen No. 7 (Growth Bulls)

Birth Date: 10-Aug-18  
 Society ID: WNAP144  
 Horn/Scurs/Poll: P

- Attractive & dark-coated Matty son
- Extra frame & growth - top 1% early growth & carcass weight EBVs ...
- ... without compromising the calving ease traits
- A good-footed bull that has grown well & will be the pick of many  
 'Star Lot'

ALLENDALE YACKA  
 ┌ ALLENDALE ANZAC E114  
   ALLENDALE DAWN B22 (AI) (ET)  
**Sire: WIRRUNA MATTY M288 (WNAM288)**  
   ELITE 4110 E212  
 ┌ WIRRUNA CIRCLE H13  
   WIRRUNA CIRCLE F31  
   WIRRUNA FLETCHER F214  
 ┌ WIRRUNA KILLARA K106  
   WIRRUNA MIDGE G482  
**Dam: WIRRUNA GOLDEN VANITY M420 (WNAM420)**  
   WIRRUNA GRAFTON G388  
 ┌ WIRRUNA GOLDEN VANITY J275  
   WIRRUNA GOLDEN VANITY G378



Dec 2019 GROUP BREEDPLAN EBV's

CALVING EASE				GROWTH & MATERNAL				
Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Weight	200-Day Growth	400-Day Weight	600-Day Weight	Mat Cow Weight	Genetic Milk
<b>+6.9</b>	<b>+4.1</b>	<b>-5.0</b>	<b>+5.3</b>	<b>+49</b>	<b>+82</b>	<b>+110</b>	<b>+102</b>	<b>+16</b>
45%	35%	60%	73%	67%	66%	65%	57%	49%

FERTILITY		CARCASS						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
<b>+3.0</b>	-2.3	<b>+79</b>	<b>+5.5</b>	+0.1	-0.3	+1.2	<b>+1.3</b>	<b>+14</b>
76%	39%	54%	49%	54%	58%	51%	53%	47%

STRUCTURAL ASSESSMENT						5-Dec-19	Temp.
6	5	5	5	5	5	4	39
							1

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
SSR	NSR	SBM	NBT					Eye Pigment
<b>\$193</b>	<b>\$179</b>	<b>\$209</b>	<b>\$161</b>	<b>PP</b>	Late	C+		100/100
				Homz			4	

Purchaser \_\_\_\_\_

Price \_\_\_\_\_



Pen No. 7 (Growth Bulls)

Birth Date: 10-Aug-18  
 Society ID: WNAP150  
 Horn/Scurs/Poll: P

- Select Ledger sons for their strong conformation
- This fleshy bull exhibits good growth, width & capacity - top 5% growth
- Capture his all important & strong fertility traits with top 1% SS & good DtC EBVs
- Offers superior carcase attributes - top 1% ranking for marbling

ALLENDALE YACKA  
 ┌── ALLENDALE ANZAC E114  
     ALLENDALE DAWN B22 (AI) (ET)  
**Sire: WIRRUNA LEDGER L285 (WNAL285)**  
     GH ADAMS TARGET 5S (IMP)  
 ┌── WIRRUNA DOREEN G115  
     WIRRUNA DOREEN A37  
  
     OTAPAWA SPARK 3060 (IMP)  
 ┌── WIRRUNA JUST J181  
     WIRRUNA LAST DAY D84  
**Dam: WIRRUNA DOREEN L544 (WNAL544)**  
     WIRRUNA DAFFY D1  
 ┌── WIRRUNA DOREEN G124  
     WIRRUNA DOREEN E105



Dec 2019 GROUP BREEDPLAN EBV's

CALVING EASE				GROWTH & MATERNAL				
Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Weight	200-Day Growth	400-Day Weight	600-Day Weight	Mat Cow Weight	Genetic Milk
+3.2	+0.9	<b>-1.7</b>	+6.4	<b>+46</b>	<b>+76</b>	<b>+102</b>	+80	+18
43%	36%	75%	73%	68%	67%	66%	61%	50%

FERTILITY		CARCASE						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
<b>+5.9</b>	<b>-6.0</b>	<b>+70</b>	<b>+6.1</b>	<b>+1.6</b>	<b>+2.0</b>	+0.3	<b>+2.2</b>	-3
76%	39%	56%	50%	54%	59%	52%	55%	52%

STRUCTURAL ASSESSMENT						5-Dec-19	Temp.
6	5	5	5	5	5	4	42
							2

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
SSR	NSR	SBM	NBT	<b>PP</b>	<i>Mid</i>	<b>C+</b>		Eye Pigment
<b>\$201</b>	<b>\$186</b>	<b>\$194</b>	<b>\$142</b>					

Purchaser \_\_\_\_\_

Price \_\_\_\_\_



Pen No. 8 (Growth Bulls)

Birth Date: 12-Aug-18  
 Society ID: WNAP174  
 Horn/Scurs/Poll: S

- Dark-red & long bull with larger frame size
- Curve-bending growth from a sensible birth weight & calving ease base
- Very attractive Dam, purchased at Chester dispersal, this calf in utero
- Note the good muscle over the loin & quiet temperament of this bull

*Easy-calve*

ALLENDALE VAGABOND A74  
 ┌ ALLENDALE WATERHOUSE D1  
 ALLENDALE MARLINE X185

Sire: **DAYS ENFORCER J126 (DAYJ126)**  
 ┌ PINE HILL CROSSFIRE C558  
 DAYS SIRIKIT F175  
 PINE HILL SIRIKIT Z636

SOUTH BUKALONG WALKER 6  
 ┌ SOUTH BUKALONG WALLACE 2  
 SOUTH BUKALONG VICTORIA 152

Dam: **CHESTER MAGPIE J033 (CHSJ33)**  
 ┌ MOUNT DIFFICULT FELLIS Y12 (AI)  
 CHESTER MAGPIE C2  
 QUAMBY PLAINS MAGPIE S23



Dec 2019 GROUP BREEDPLAN EBV's

CALVING EASE				GROWTH & MATERNAL				
Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Weight	200-Day Growth	400-Day Weight	600-Day Weight	Mat Cow Weight	Genetic Milk
+5.4	<b>+7.1</b>	-1.4	+4.2	<b>+42</b>	<b>+71</b>	<b>+96</b>	+73	+16
46%	39%	76%	73%	68%	68%	67%	61%	53%

FERTILITY		CARCASS						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBY (%)	IMF (%)	Docility
<b>+2.8</b>	<b>-4.3</b>	<b>+65</b>	+2.7	+0.7	+1.1	+0.2	<b>+0.8</b>	+8
77%	40%	57%	51%	55%	59%	53%	54%	41%

STRUCTURAL ASSESSMENT						5-Dec-19	Temp.	
Front 7	Back 6	Front 6	Back 6	5	6	4	3-Dec-19 36	I

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
SSR	NSR	SBM	NBT					Eye Pigment
<b>\$188</b>	<b>\$172</b>	<b>\$193</b>	<b>\$132</b>	<b>Ph</b> Hetz.	Late	C+	4	100/100

Purchaser \_\_\_\_\_

Price \_\_\_\_\_





Pen No. 8 (Growth Bulls)

Birth Date: 12-Aug-18  
 Society ID: WNAP184  
 Horn/Scurs/Poll: P

- I like the natural growth & easy-fleshing ability of this bull
- Select for growth, offers the strongest growth & milk genetics in the catalogue
- Heaviest weight gaining bull as a yearling & at cataloguing
- High \$Index bull - carries strong fertility traits with short calving interval dam

'Star Lot'

ALLENDALE YACKA  
 ┌ ALLENDALE ANZAC E114  
   ALLENDALE DAWN B22 (AI) (ET)  
**Sire: WIRRUNA LEDGER L285 (WNAL285)**  
   GH ADAMS TARGET 5S (IMP)  
 ┌ WIRRUNA DOREEN G115  
   WIRRUNA DOREEN A37  
  
   MATARIKI HOLY-SMOKE  
 ┌ WIRRUNA JACQUES J69  
   WIRRUNA PENELOPE E230  
**Dam: WIRRUNA VICTORIA L274 (WNAL274)**  
   SOUTH BUKALONG SHANNON 40  
 ┌ WIRRUNA VICTORIA J339  
   WIRRUNA VICTORIA E156



Dec 2019 GROUP BREEDPLAN EBV's

CALVING EASE				GROWTH & MATERNAL				
Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Weight	200-Day Growth	400-Day Weight	600-Day Weight	Mat Cow Weight	Genetic Milk
+4.3	+2.5	<b>-2.2</b>	+5.3	<b>+56</b>	<b>+93</b>	<b>+121</b>	<b>+97</b>	<b>+25</b>
44%	36%	75%	73%	67%	67%	66%	60%	49%

FERTILITY		CARCASS						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
<b>+3.5</b>	<b>-5.7</b>	<b>+91</b>	<b>+5.7</b>	+1.0	<b>+1.5</b>	+1.0	+0.7	<b>+11</b>
76%	40%	55%	49%	54%	59%	52%	54%	52%

STRUCTURAL ASSESSMENT						5-Dec-19	Temp.
6	5	5	6	5	5	4	37
							2

\$INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
SSR	NSR	SBM	NBT					Eye Pigment
<b>\$222</b>	<b>\$204</b>	<b>\$223</b>	<b>\$162</b>	<b>PP</b>	<i>Mid</i>	<b>C+</b>		95/100
				<i>Homz.</i>			3	

Purchaser \_\_\_\_\_

Price \_\_\_\_\_



Pen No. 8 (Growth Bulls)

Birth Date: 13-Aug-18  
 Society ID: WNAP195  
 Horn/Scurs/Poll: P

- Ranked No. 1 2018 born bull in the breed for SSR \$Index
- Use over mature cows to lift growth & frame - top 1% growth
- Large testicles & strong fertility traits - breed leading SS EBV & top 1% DtC EBV
- I like his good head carriage & carcass quality offered through top 5% marbling

KOANUI UNANIMOUS 7174

┌ KOANUI UNANIMOUS 0408  
 KOANUI GIRLIE 3048

Sire: **KOANUI TECHNO 3062 (OSA0216133062NZHB)**  
 LEELANDS X-TENSION 293

└ KOANUI BLUSH 6455  
 KOANUI BLUSH 3304

SOUTH BUKALONG WALLACE 2

┌ WIRRUNA JAFFA J55  
 WIRRUNA VICTORIA G92

Dam: **WIRRUNA URSULA L465 (WNAL465)**  
 WIRRUNA FLETCHER F214

└ CO-OP5 URSULA J427  
 WIRRUNA URSULA E278



Dec 2019 GROUP BREEDPLAN EBV's

CALVING EASE				GROWTH & MATERNAL				
Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Weight	200-Day Growth	400-Day Weight	600-Day Weight	Mat Cow Weight	Genetic Milk
+5.2	<b>+6.1</b>	<b>-2.6</b>	+6.6	<b>+49</b>	<b>+91</b>	<b>+130</b>	<b>+112</b>	+15
49%	40%	75%	74%	69%	69%	68%	63%	53%

FERTILITY		CARCASS						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
<b>+6.1</b>	<b>-6.1</b>	<b>+83</b>	+2.4	<b>+1.3</b>	+1.3	+0.0	<b>+1.6</b>	<b>+17</b>
77%	38%	61%	55%	58%	61%	54%	59%	47%

STRUCTURAL ASSESSMENT						5-Dec-19	Temp.
7	6	6	6	6	5	4	39
							2

\$INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
SSR	NSR	SBM	NBT	<b>PP</b> Homz.	Late	C+		Eye Pigment
<b>\$241</b>	<b>\$218</b>	<b>\$240</b>	<b>\$168</b>					4

Purchaser \_\_\_\_\_

Price \_\_\_\_\_



Pen No. 8 (Growth Bulls)

Birth Date: 16-Aug-18  
 Society ID: WNAP251  
 Horn/Scurs/Poll: P

- Good-footed Matty son with dark-red coat
- Lots of natural growth here - top 5% CWT & top 15% growth EBVs
- Strong CE traits contribute to the high \$Index values (top 5%) for SBM & NBT
- Few bulls can beat this fellow for short gestation length - early born calves

*Easy-calve*

ALLENDALE YACKA  
 ┌ ALLENDALE ANZAC E114  
 ALLENDALE DAWN B22 (AI) (ET)  
**Sire: WIRRUNA MATTY M288 (WNAM288)**  
 ELITE 4110 E212  
 ┌ WIRRUNA CIRCLE H13  
 WIRRUNA CIRCLE F31  
 ELITE X122 H2  
 ┌ WIRRUNA KEECH K93  
 WIRRUNA DOREEN H287  
**Dam: WIRRUNA HYACINTH M473 (WNAM473)**  
 WIRRUNA FLANNIGAN F191  
 ┌ WIRRUNA HYACINTH J445  
 WIRRUNA HYACINTH D112



Dec 2019 GROUP BREEDPLAN EBV's

CALVING EASE				GROWTH & MATERNAL				
Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Weight	200-Day Growth	400-Day Weight	600-Day Weight	Mat Cow Weight	Genetic Milk
<b>+8.6</b>	<b>+4.5</b>	<b>-5.0</b>	+3.2	<b>+39</b>	<b>+69</b>	<b>+94</b>	<b>+87</b>	+18
44%	34%	60%	73%	67%	66%	65%	58%	50%

FERTILITY		CARCASS						Docility
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	
<b>+1.6</b>	-0.1	<b>+68</b>	+4.1	-0.3	-0.6	<b>+1.5</b>	+0.7	<b>+16</b>
76%	39%	54%	49%	54%	58%	51%	53%	47%

STRUCTURAL ASSESSMENT						5-Dec-19	Temp.
6	5	5	6	5	5	4	36
							2

\$INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
SSR	NSR	SBM	NBT		Mid	C+		Eye Pigment
<b>\$159</b>	<b>\$147</b>	<b>\$187</b>	<b>\$148</b>					Homz

Purchaser \_\_\_\_\_

Price \_\_\_\_\_



Pen No. 8 (Growth Bulls)

Birth Date: 19-Aug-18  
 Society ID: WNAP312  
 Horn/Scurs/Poll: P

- Tobruk Lennox sons offer lots of growth (top 5%)
- Growth genes backed-up by high weight/day of age performance
- Dam has been a solid performer demonstrating good fertility - top 5% DtC
- Very sound & carries herd improving carcasse quality, top 5% for marbling

STUDBROOK D'ARTAGNION V086 (AI) (ET)

┌ OTAPAWA SPARK 3060 (IMP)  
 OTAPAWA SPOT P30

Sire: **TOBRUK LENNOX (DRHL13)**

MOUNT DIFFICULT FELLIS Y12 (AI)

┌ PINE HILL MARITANA A619  
 PINE HILL MARITANA W575

SOUTH BUKALONG WALLACE 2

┌ WIRRUNA FORT F382  
 MOUNT DIFFICULT LORNA B123

Dam: **WIRRUNA GOLDEN VANITY H208 (WNAH208)**

ALLEDALE NATIONAL W168

┌ WIRRUNA GOLDEN VANITY F422  
 WIRRUNA GOLDEN VANITY A99



Dec 2019 GROUP BREEDPLAN EBV's

CALVING EASE				GROWTH & MATERNAL				
Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Weight	200-Day Growth	400-Day Weight	600-Day Weight	Mat Cow Weight	Genetic Milk
-2.5	+2.4	+0.7	+6.3	<b>+46</b>	<b>+75</b>	<b>+102</b>	+79	+17
48%	41%	75%	74%	69%	69%	67%	62%	56%

FERTILITY		CARCASS						Docility
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	
<b>+2.7</b>	<b>-5.9</b>	<b>+70</b>	<b>+4.8</b>	<b>+1.2</b>	<b>+1.4</b>	+1.0	<b>+1.6</b>	-10
78%	43%	57%	52%	56%	60%	54%	56%	52%

STRUCTURAL ASSESSMENT						5-Dec-19	Temp.
6	5	5	5	5	5	4	38
							2

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
SSR	NSR	SBM	NBT	PP Homz.	Mid	C+		Eye Pigment
<b>\$192</b>	<b>\$175</b>	<b>\$172</b>	<b>\$117</b>					

Purchaser \_\_\_\_\_

Price \_\_\_\_\_



Pen No. 8 (Growth Bulls)

Birth Date: 28-Aug-18  
 Society ID: WNAP436  
 Horn/Scurs/Poll: P

- Long & attractive Techno son with good neck extension
- Top 5% for 400D & 600D growth, top 1% for CWT
- Carcase scan showed good muscle & marbling - top 1% IMF% EBV
- A smooth bodied bull reflecting his strong genetics for fat & docility

KOANUI UNANIMOUS 7174

┌ KOANUI UNANIMOUS 0408  
 KOANUI GIRLIE 3048

Sire: KOANUI TECHNO 3062 (OSA0216133062NZHB)  
 LEELANDS X-TENSION 293

└ KOANUI BLUSH 6455  
 KOANUI BLUSH 3304

CAPETHORNE HOT SHOT 03 22

┌ MATARIKI HOLY-SMOKE  
 MATARIKI GIRLIE 00323

Dam: WIRRUNA MADAM J93 (WNAJ93)  
 WIRRUNA EXPLORER E188

└ WIRRUNA MADAM G279  
 WIRRUNA MADAM E418



Dec 2019 GROUP BREEDPLAN EBV's

CALVING EASE				GROWTH & MATERNAL				
Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Weight	200-Day Growth	400-Day Weight	600-Day Weight	Mat Cow Weight	Genetic Milk
-0.4	+2.0	+2.6	+4.7	<b>+40</b>	<b>+78</b>	<b>+108</b>	<b>+89</b>	+18
52%	44%	77%	74%	70%	70%	69%	65%	57%

FERTILITY		CARCASE						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
<b>+3.1</b>	<b>-4.7</b>	<b>+80</b>	<b>+5.0</b>	<b>+2.5</b>	<b>+3.1</b>	+0.0	<b>+2.3</b>	<b>+18</b>
78%	41%	63%	56%	60%	63%	56%	61%	49%

STRUCTURAL ASSESSMENT						5-Dec-19	Temp.
7	6	6	6	5	5	4	38
							1

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
SSR	NSR	SBM	NBT					Eye Pigment
<b>\$198</b>	<b>\$182</b>	<b>\$188</b>	<b>\$134</b>	<b>PP</b>	<i>Mid</i>	<b>C+</b>		100/100
				<i>Homz.</i>			4	

Purchaser \_\_\_\_\_

Price \_\_\_\_\_



Pen No. 8 (Growth Bulls)

Birth Date: 1-Sep-18  
 Society ID: WNAP487  
 Horn/Scurs/Poll: P

- Easy-doing bull with smooth coat
- Offers good growth, strong fertility traits & docile nature
- Scanned highly for the fat traits - top 1% for Rib, Rump & IMF% EBVs
- Weight for age & top-end marbling for carcase quality to boost MSA Index

WIRRUNA FORT F382  
 ┌── WIRRUNA HOT STUFF H356  
     WIRRUNA GOLDEN VANITY F378

Sire: **WIRRUNA LEWI L200 (WNAL200)**

MATARIKI HOLY-SMOKE  
 ┌── WIRRUNA LAST DAY J82  
     WIRRUNA LAST DAY G43

WIRRUNA CHEVIOT C280  
 ┌── WIRRUNA GABU G134  
     SOUTH BUKALONG VICTORIA 202

Dam: **WIRRUNA LAST DAY K116 (WNAK116)**

WIRRUNA VICKERY (S)  
 ┌── WIRRUNA LAST DAY H67  
     WIRRUNA Last Day F196



Dec 2019 GROUP BREEDPLAN EBV's

CALVING EASE				GROWTH & MATERNAL				
Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Weight	200-Day Growth	400-Day Weight	600-Day Weight	Mat Cow Weight	Genetic Milk
+1.6	+3.5	-0.8	+4.3	<b>+41</b>	<b>+64</b>	<b>+90</b>	+51	+17
41%	33%	60%	71%	66%	65%	64%	59%	52%

FERTILITY		CARCASE						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
<b>+3.4</b>	<b>-5.8</b>	<b>+61</b>	+3.2	<b>+2.6</b>	<b>+4.1</b>	-1.3	<b>+3.1</b>	<b>+16</b>
76%	39%	54%	48%	53%	57%	50%	53%	47%

STRUCTURAL ASSESSMENT						5-Dec-19	Temp.
6	6	5	6	5	5	4	38
							3-Dec-19
							I

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
SSR	NSR	SBM	NBT	<b>PP</b>	<i>Mid</i>	<b>C+</b>		Eye Pigment
<b>\$200</b>	<b>\$184</b>	<b>\$186</b>	<b>\$125</b>					

Purchaser \_\_\_\_\_

Price \_\_\_\_\_



Pen No. 8 (Growth Bulls)

Birth Date: 1-Sep-18  
 Society ID: WNAP489  
 Horn/Scurs/Poll: S

- Long-necked bull with great eyes & dark-red coat
- One of best ADWG calves to weaning - top 5% early growth traits
- Scanning revealed strong fat & marbling traits - highest Marbling genetics
- Top 1% ranking for SSR, NSR & SBM highlights the profit potential of this bull

*Easy-calve*

WIRRUNA FORT F382  
 ┌── WIRRUNA HOT STUFF H356  
 WIRRUNA GOLDEN VANITY F378  
 Sire: WIRRUNA LEWI L200 (WNAL200)  
 MATARIKI HOLY-SMOKE  
 ┌── WIRRUNA LAST DAY J82  
 WIRRUNA LAST DAY G43  
 ELITE 4110 E212  
 ┌── WIRRUNA HOPKINS H126  
 WIRRUNA AMABELL F269  
 Dam: WIRRUNA FLORA K468 (WNAK468)  
 WIRRUNA ECHUCA E99  
 ┌── WIRRUNA FLORA G445  
 WIRRUNA FLORA D138



Dec 2019 GROUP BREEDPLAN EBV's

CALVING EASE				GROWTH & MATERNAL				
Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Weight	200-Day Growth	400-Day Weight	600-Day Weight	Mat Cow Weight	Genetic Milk
+4.7	<b>+4.5</b>	-0.1	+4.2	<b>+43</b>	<b>+70</b>	<b>+96</b>	+59	+14
39%	31%	54%	71%	66%	65%	64%	59%	51%

FERTILITY		CARCASS						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+2.0	-2.6	<b>+65</b>	+4.1	<b>+2.3</b>	<b>+3.2</b>	-0.8	<b>+3.2</b>	-
76%	39%	53%	47%	52%	56%	50%	52%	

STRUCTURAL ASSESSMENT						5-Dec-19	Temp.
6	5	6	6	5	5	4	37
							3-Dec-19
							1

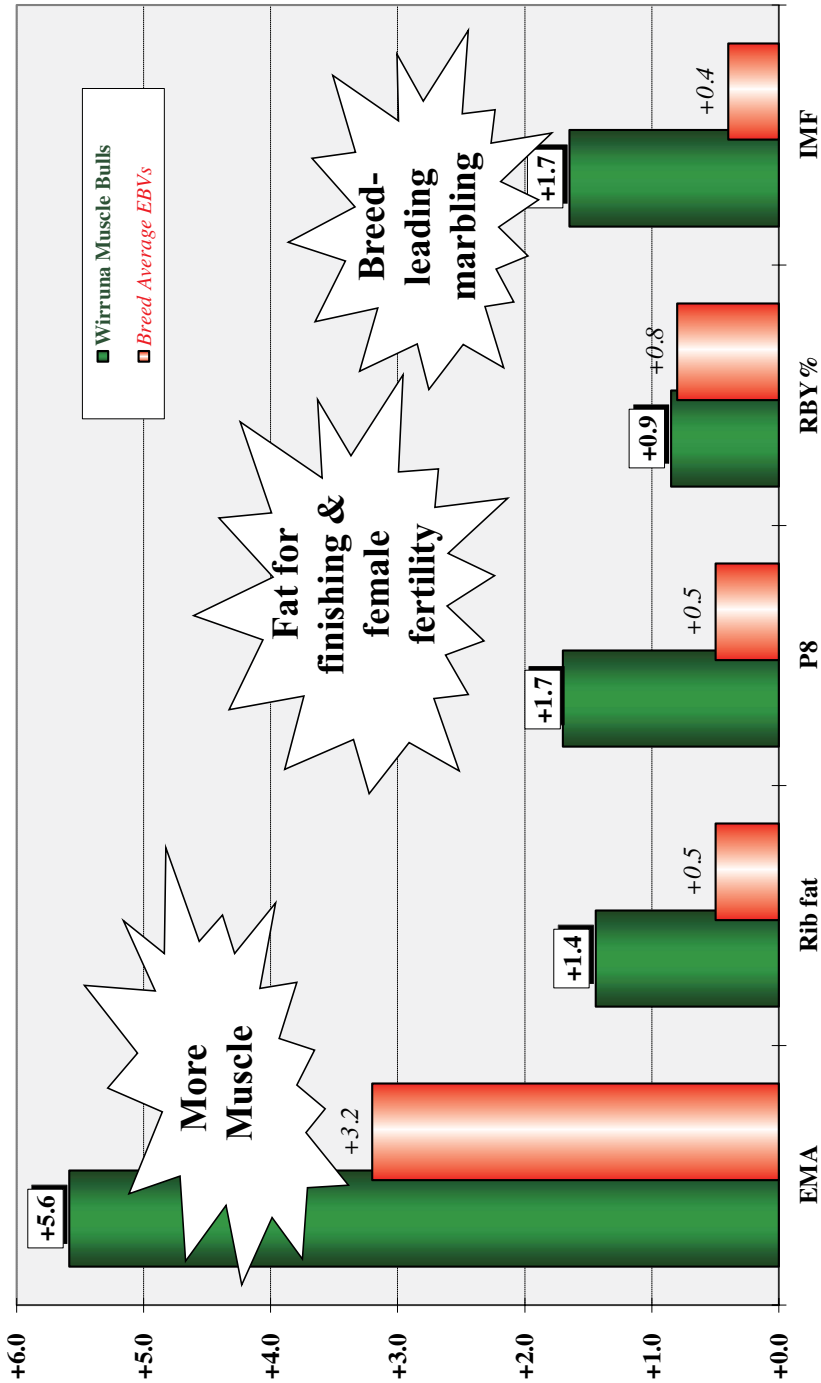
INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
SSR	NSR	SBM	NBT		<i>Ph</i>			Eye Pigment
<b>\$206</b>	<b>\$192</b>	<b>\$208</b>	<b>\$146</b>	<i>Hetz.</i>	<i>Mid</i>	<b>C+</b>		100/100
							4	

Purchaser \_\_\_\_\_

Price \_\_\_\_\_

**COMPARISON OF CARCASS EBV's**  
Muscle Bulls vs Overall Breed Average

EBV







Pen No. 10 (Muscle Bulls)

Birth Date: 31-Jul-18  
 Society ID: WNAJ008  
 Horn/Scurs/Poll: P

- Ranking in the best few bulls for short gestation (top 1% GL)
- Early-maturity bull showing lots of muscle & nice butt-shape
- Excellent CE genetics without compromising the growth traits (top 20% 400D)
- Lowest actual birth weight of all sale bulls supports his ease of calving credentials

WITHDRAWN FROM SALE

NOOKEN VALERIAN 2  
 QUAMBY PLAINS STOCKMASTER Y118  
 QUAMBY PLAINS MAGPIE W9  
 Sire: WIRRUNA FLETCHER F214 (WNAF214)  
 MOUNT DIFFICULT UNGAR (S)  
 WIRRUNA LAST DAY B16 (H)  
 WIRRUNA LAST DAY Z152  
 MATARIKI HOLY-SMOKE  
 WIRRUNA JABBLE J21  
 WIRRUNA VICTORIA 269  
 Dam: WIRRUNA MADAM M456 (WNAM456)  
 SOUTH BAY MALDEN WALLACE 2  
 WIRRUNA MADAM M456  
 WIRRUNA MADAM M456

Easy-calve

Dam: WIRRUNA MADAM M456 (WNAM456)



Dec 2019 GROUP BREEDPLAN RESULTS

WITHDRAWN

CALVING EASE				GROWTH & MATERNAL				
Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (Days)	Birth Weight (kg)	200-Day Growth	400-Day Weight	600-Day Weight	Mat Cow Weight	Genetic Milk
+9.9	+8.5	-4.1	+2.7	+41	+63	+82	+54	+17
51%	43%	75%	73%	69%	69%	68%	63%	59%

FERTILITY		CARCASS						Docility
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBY (%)	IMF (%)	
+0.9	-4.1	+67	+5.5	+0.4	-0.3	+1.8	+1.1	+2
78%	47%	61%	57%	59%	63%	56%	60%	55%

STRUCTURAL ASSESSMENT						5-Dec-19	Temp.
7	6	6	7	5	5	5	34
							1

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
SSR	NSR	SBM	NBT	PP Homz	Early	C+		Eye Pigment
\$194	\$184	\$208	\$147					3

Purchaser \_\_\_\_\_

Price \_\_\_\_\_



Pen No. 10 (Muscle Bulls)

Birth Date: 9-Aug-18  
 Society ID: WNAP124  
 Horn/Scurs/Poll: P

- Another attractive & thick-topped Eiffel Tower calf
- Contrary to EMA EBV, this bull is one of the best muscle bulls in the draft
- Excellent marbling boosts the SSR & NSR \$Indices into the top 15% of the breed
- ET calf out of a favoured donor dam, Circle H13

Star Lot!, ET brother to Lots 9 & 36

*Easy-calve*

OKAWA BENNETT 01076  
 OKAWA LAIDLAW 4156  
 OKAWA AMETHYST S46

Sire: **MONYMUSK EIFFEL TOWER 090140 (IMP NZL) (OSA272090140NZHB)**

MONYMUSK TYPHOON 03 0041  
 MONYMUSK LEONORA 050091  
 MONYMUSK LEONORA 03 0008

ARDO HUSTLER 4110 (IMP)  
 ELITE 4110 E212  
 SOUTH BUKALONG WINIFRED 54

Dam: **WIRRUNA CIRCLE H13 (WNAH13)**

KOANUI ROCKET 0219  
 WIRRUNA CIRCLE F31  
 WIRRUNA CIRCE D80



Dec 2019 GROUP BREEDPLAN EBV's

CALVING EASE				GROWTH & MATERNAL				
Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Weight	200-Day Growth	400-Day Weight	600-Day Weight	Mat Cow Weight	Genetic Milk
<b>+7.8</b>	<b>+5.4</b>	-0.5	+2.9	+32	+56	+78	+66	+8
57%	49%	67%	75%	71%	71%	71%	68%	64%

FERTILITY		CARCASE						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+2.1	-1.6	+52	+2.7	<b>+1.3</b>	+1.3	-0.4	<b>+2.2</b>	+7
78%	45%	63%	57%	61%	64%	59%	63%	54%

STRUCTURAL ASSESSMENT						5-Dec-19	Temp.
7	6	6	6	5	5	4	37
							2

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
SSR	NSR	SBM	NBT					Eye Pigment
<b>\$157</b>	<b>\$148</b>	<b>\$172</b>	<b>\$129</b>	<b>PP</b>	<i>Mid</i>	<b>B-</b>		90/100
				<i>Homz.</i>			4	

Purchaser \_\_\_\_\_

Price \_\_\_\_\_



Pen No. 10 (Muscle Bulls)

Birth Date: 9-Aug-18  
 Society ID: WNAP136  
 Horn/Scurs/Poll: P

- Muscle bull by Ledger with quiet temperament
- Great carcass - top 5% muscling & CWT, top 10% yield & positive fat traits
- Independently assessed for structural soundness with excellent report card
- Homozygous polled with strong fertility traits (top 5% SS & top 10% DtC EBVs)

*Easy-calve*

ALLENDALE YACKA  
 ┌ ALLENDALE ANZAC E114  
 ALLENDALE DAWN B22 (AI) (ET)

Sire: WIRRUNA LEDGER L285 (WNAL285)

GH ADAMS TARGET 5S (IMP)  
 ┌ WIRRUNA DOREEN G115  
 WIRRUNA DOREEN A37

ARDO HUSTLER 4110 (IMP)  
 ┌ WIRRUNA JAMAICA J76  
 WIRRUNA LAST DAY D26

Dam: WIRRUNA VICTORIA L329 (WNAL329)

WIRRUNA DAFFY D1  
 ┌ WIRRUNA VICTORIA F203  
 SOUTH BUKALONG VICTORIA 168



Dec 2019 GROUP BREEDPLAN EBV's

CALVING EASE				GROWTH & MATERNAL				
Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Weight	200-Day Growth	400-Day Weight	600-Day Weight	Mat Cow Weight	Genetic Milk
+5.6	+1.7	-3.1	+3.8	+41	+60	+80	+58	+20
43%	36%	74%	73%	67%	67%	66%	60%	49%

FERTILITY		CARCASS						Docility
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	
+3.5	-4.8	+67	+6.1	+1.2	+1.7	+1.7	+0.2	+13
76%	39%	56%	50%	55%	59%	52%	55%	52%

STRUCTURAL ASSESSMENT						5-Dec-19	Temp.	
Front 5	Back 5	Front 5	Back 5	5	5	3	37	I

\$INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
SSR	NSR	SBM	NBT				3	Eye Pigment
\$165	\$160	\$169	\$123	PP Homz.	Mid	C+	3	100/100

Purchaser \_\_\_\_\_

Price \_\_\_\_\_



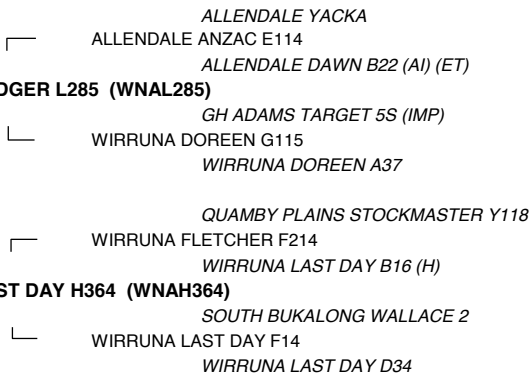
Pen No. 10 (Muscle Bulls)

Birth Date: 13-Aug-18  
 Society ID: WNAP192  
 Horn/Scurs/Poll: P

- A terrific Ledger son with B- muscle
- Ideal carcase combination - quality (top 5% IMF%) & quantity (top 1% EMA)
- Positive fat genetics & strong fertility EBVs to boost your herd's fertility
- Combines CE & short GL with curve-bending growth & low MCW - trait balanced

Star Lot'

*Easy-calve*



Dec 2019 GROUP BREEDPLAN EBV's

CALVING EASE				GROWTH & MATERNAL				
Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Weight	200-Day Growth	400-Day Weight	600-Day Weight	Mat Cow Weight	Genetic Milk
<b>+8.9</b>	<b>+5.8</b>	<b>-3.7</b>	<b>+2.5</b>	<b>+39</b>	+58	+78	+39	<b>+22</b>
46%	38%	76%	74%	69%	69%	67%	62%	54%

FERTILITY		CARCASE						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
<b>+3.1</b>	<b>-5.2</b>	<b>+65</b>	<b>+7.0</b>	<b>+2.0</b>	<b>+2.3</b>	+1.1	<b>+1.7</b>	+7
77%	41%	57%	52%	56%	60%	54%	57%	55%

STRUCTURAL ASSESSMENT						5-Dec-19	Temp.
6	6	5	5	5	5	38	1

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
SSR	NSR	SBM	NBT	<b>PP</b> Homz.	<i>Mid</i>	<b>B-</b>		Eye Pigment
<b>\$198</b>	<b>\$190</b>	<b>\$205</b>	<b>\$144</b>					<b>4</b>

Purchaser \_\_\_\_\_

Price \_\_\_\_\_



Pen No. 10 (Muscle Bulls)

Birth Date: 13-Aug-18  
 Society ID: WNAP202  
 Horn/Scurs/Poll: S

- Dark-coated & thick-topped Kalimna son
- Again, note the rare combination of high-end muscle & marbling
- An impressive BWT (top 10%) to 400D (top 15%) EBV spread ...
- ... culminating in very moderate MCW for a low maintenance cow herd

*Easy-calve*

WIRRUNA EXPLORER E188  
 ┌ WIRRUNA HARTWIG H297  
   WIRRUNA MIDGE A51  
 Sire: WIRRUNA KALIMNA K326 (WNAK326)  
   ARDO HUSTLER 4110 (IMP)  
 ┌ WIRRUNA CORA H303  
   WIRRUNA CORA D9  
  
 WIRRUNA FLETCHER F214  
 ┌ WIRRUNA KILLARA K106  
   WIRRUNA MIDGE G482  
 Dam: WIRRUNA LAST DAY M507 (WNAM507)  
   OKAWA MARSHALL 9178  
 ┌ WIRRUNA LAST DAY J96  
   WIRRUNA LAST DAY E424



Dec 2019 GROUP BREEDPLAN EBV's

CALVING EASE				GROWTH & MATERNAL				
Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Weight	200-Day Growth	400-Day Weight	600-Day Weight	Mat Cow Weight	Genetic Milk
<b>+6.6</b>	+3.5	<b>-3.2</b>	<b>+1.4</b>	+36	<b>+66</b>	+80	+47	+17
50%	38%	75%	73%	69%	69%	69%	62%	49%

FERTILITY		CARCASS						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
<b>+3.0</b>	<b>-6.3</b>	<b>+69</b>	<b>+5.9</b>	<b>+2.8</b>	<b>+3.2</b>	-0.1	<b>+2.6</b>	+0
78%	44%	64%	57%	62%	64%	54%	62%	54%

STRUCTURAL ASSESSMENT						5-Dec-19	Temp.
6	5	5	6	5	5	37	1

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
SSR	NSR	SBM	NBT					Eye Pigment
<b>\$203</b>	<b>\$197</b>	<b>\$200</b>	<b>\$142</b>	<i>Ph</i> Hetz.	<i>Early</i>	<b>C+</b>	<b>4</b>	100/100

Purchaser \_\_\_\_\_

Price \_\_\_\_\_



Pen No. 10 (Muscle Bulls)

Birth Date: 14-Aug-18  
 Society ID: WNAP227  
 Horn/Scurs/Poll: P

- Well-grown Fletcher son showing good body capacity
- Highest scan for marbling with IMF% EBV among the very top bulls of the breed
- Inherited muscle (top 5% EMA) with cow fertility (top 1% DtC) traits
- Defies the typical correlations - lowest 10% MCW, top 10% 200D growth EBV

*Easy-calve*

NOOKEN VALERIAN 2  
 ┌ QUAMBY PLAINS STOCKMASTER Y118  
   QUAMBY PLAINS MAGPIE W9  
 Sire: WIRRUNA FLETCHER F214 (WNAF214)  
       MOUNT DIFFICULT UNGAR (S)  
       └ WIRRUNA LAST DAY B16 (H)  
         WIRRUNA LAST DAY Z152

GH ADAMS TARGET 5S (IMP)  
 ┌ WIRRUNA HURRICANE H132  
   WIRRUNA FLORA D261  
 Dam: WIRRUNA GOLDEN VANITY K200 (WNAK200)  
       VALMA MAGNUM II  
       └ WIRRUNA GOLDEN VANITY H63  
         WIRRUNA GOLDEN VANITY E311



Dec 2019 GROUP BREEDPLAN EBV's

CALVING EASE				GROWTH & MATERNAL				
Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Weight	200-Day Growth	400-Day Weight	600-Day Weight	Mat Cow Weight	Genetic Milk
+4.5	<b>+4.7</b>	<b>-3.4</b>	+3.5	<b>+40</b>	<b>+63</b>	+80	+39	<b>+22</b>
51%	43%	76%	74%	69%	69%	69%	66%	62%

FERTILITY		CARCASS						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
<b>+2.7</b>	<b>-6.9</b>	<b>+60</b>	<b>+6.0</b>	<b>+1.7</b>	<b>+1.6</b>	+0.5	<b>+3.0</b>	+7
78%	46%	61%	57%	60%	63%	57%	61%	55%

STRUCTURAL ASSESSMENT						5-Dec-19	Temp.
6	6	6	6	6	6	4	37
							2

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
SSR	NSR	SBM	NBT					Eye Pigment
<b>\$205</b>	<b>\$188</b>	<b>\$196</b>	<b>\$134</b>	<b>Ph</b> Hetz.	<i>Mid</i>	<b>C+</b>		90/100
							4	

Purchaser \_\_\_\_\_

Price \_\_\_\_\_



Pen No. 10 (Muscle Bulls)

Birth Date: 14-Aug-18  
 Society ID: WNAP229  
 Horn/Scurs/Poll: P

- Long-bodied bull displaying good muscle
- Carries herd boosting carcass traits, top 15% EMA & IMF%
- Smooth-shouldered & positive CE(Dir) EBV for easy calving
- A genetic dehorner that is tight sheathed & docile in nature

*Easy-calve*

SOUTH BUKALONG SHANNON 40

┌ NITHDALE JACKAL 090029  
 NITHDALA AMETHYST 040070

Sire: **ORARI GORGE MISCHIEF 120083 (OSA0400120083NZHB)**  
 NITHDALE HEATH 070113

┌ NITHDALE LESLIE 090020  
 NITHDALE LESLIE 070064

ELITE 4110 E212

┌ WIRRUNA HERNANDO H47  
 WIRRUNA VICTORIA F203

Dam: **WIRRUNA GOLDEN VANITY L124 (WNAL124)**  
 MOUNT DIFFICULT CADBURY

┌ WIRRUNA GOLDEN VANITY J41  
 CO-OP5 GOLDEN VANITY G220



Dec 2019 GROUP BREEDPLAN EBV's

CALVING EASE				GROWTH & MATERNAL				
Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Weight	200-Day Growth	400-Day Weight	600-Day Weight	Mat Cow Weight	Genetic Milk
<b>+7.2</b>	<b>+1.1</b>	<b>-1.9</b>	<b>+4.3</b>	<b>+37</b>	<b>+63</b>	<b>+86</b>	<b>+66</b>	<b>+17</b>
50%	40%	76%	73%	69%	69%	68%	64%	57%

FERTILITY		CARCASS						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
<b>+2.4</b>	<b>-4.4</b>	<b>+60</b>	<b>+4.8</b>	<b>+1.6</b>	<b>+2.6</b>	<b>+0.5</b>	<b>+1.0</b>	<b>+10</b>
77%	39%	58%	53%	56%	60%	54%	58%	51%

STRUCTURAL ASSESSMENT						5-Dec-19	Temp.
7	5	6	6	5	6	4	35
							I

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
SSR	NSR	SBM	NBT					Eye Pigment
<b>\$173</b>	<b>\$164</b>	<b>\$181</b>	<b>\$135</b>	<b>PP</b>	<i>Mid</i>	<b>C+</b>		100/100
				<i>Homz.</i>			4	

Purchaser \_\_\_\_\_

Price \_\_\_\_\_



Pen No. 11 (Muscle Bulls)

Birth Date: 16-Aug-18  
 Society ID: WNAP265  
 Horn/Scurs/Poll: S

- A Techno son showing lots of shape & capacity
- Carcase quantity & quality with top 10% EMA & top 5% IMF%
- Strong maternal traits (Milk EBV in top 5%) & moderate Mature Cow Weight
- Great temperament - Docility EBV in top 5% of breed

*Easy-calve*

KOANUI UNANIMOUS 7174

┌ KOANUI UNANIMOUS 0408  
 KOANUI GIRLIE 3048

Sire: KOANUI TECHNO 3062 (OSA0216133062NZHB)  
 LEELANDS X-TENSION 293

└ KOANUI BLUSH 6455  
 KOANUI BLUSH 3304

ARDO HUSTLER 4110 (IMP)

┌ WIRRUNA HORATIO H340  
 WIRRUNA LAST DAY D84

Dam: WIRRUNA MADAM K343 (WNAK343)  
 WIRRUNA CALLAN C26

└ WIRRUNA MADAM H55  
 WIRRUNA MADAM E226



Dec 2019 GROUP BREEDPLAN EBV's

CALVING EASE				GROWTH & MATERNAL				
Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Weight	200-Day Growth	400-Day Weight	600-Day Weight	Mat Cow Weight	Genetic Milk
+4.3	<b>+4.9</b>	-0.1	<b>+2.6</b>	+32	+54	+71	+38	<b>+24</b>
49%	41%	76%	74%	69%	69%	68%	64%	55%

FERTILITY		CARCASE						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+2.2	-2.6	<b>+60</b>	<b>+5.0</b>	<b>+1.8</b>	<b>+2.4</b>	+0.6	<b>+1.7</b>	<b>+18</b>
78%	38%	61%	55%	58%	62%	54%	60%	48%

STRUCTURAL ASSESSMENT						5-Dec-19	Temp.
7	6	7	7	5	5	3	36
							1

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
SSR	NSR	SBM	NBT					Eye Pigment
<b>\$155</b>	<b>\$144</b>	<b>\$162</b>	<b>\$115</b>	<b>Ph</b> Hetz	Mid	C+		100/100
							4	

Purchaser \_\_\_\_\_

Price \_\_\_\_\_





Pen No. 11 (Muscle Bulls)

Birth Date: 16-Aug-18  
 Society ID: WNAP266  
 Horn/Scurs/Poll: P

- An upstanding & square-bodied Katnook son
- Use to boost marbling & muscle - top 5% IMF% & top 10% EMA
- Large testicles supported by strong fertility traits - SS & DtC EBVs in top 10%
- \$Index values ranked in top 20% of breed for SSR, NSR & NBT

QUAMBY PLAINS STOCKMASTER Y118

┌ WIRRUNA FLETCHER F214  
 └ WIRRUNA LAST DAY B16 (H)

Sire: WIRRUNA KATNOOK K74 (WNAK74)

┌ WIRRUNA DAFFY D1  
 └ WIRRUNA VICTORIA G7  
 WIRRUNA VICTORIA E112

*Easy-calve*

┌ OKAWA DAVIS 7046  
 └ OKAWA MARSHALL 9178  
 OKAWA LYDIA 7047

Dam: WIRRUNA CORA J230 (WNAJ230)

┌ WIRRUNA CHEVIOT C280  
 └ WIRRUNA CORA E343  
 WIRRUNA CORA B36



Dec 2019 GROUP BREEDPLAN EBV's

CALVING EASE				GROWTH & MATERNAL				
Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Weight	200-Day Growth	400-Day Weight	600-Day Weight	Mat Cow Weight	Genetic Milk
+3.6	+0.7	-2.1	+3.0	+32	+54	+71	+54	+16
49%	39%	77%	74%	70%	70%	69%	64%	54%

FERTILITY		CARCASS						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+3.2	-4.9	+49	+5.2	+0.8	+0.5	+0.9	+1.8	-7
78%	43%	62%	56%	60%	63%	55%	61%	55%

STRUCTURAL ASSESSMENT						5-Dec-19	Temp.	
Front 6	Back 6	Front 6	Back 5	5	6	4	3-Dec-19 39	2

\$INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
SSR	NSR	SBM	NBT					Eye Pigment
\$152	\$141	\$149	\$111	<i>Ph</i> Hetz	<i>Mid</i>	C+	4	90/100

Purchaser \_\_\_\_\_

Price \_\_\_\_\_



Pen No. 11 (Muscle Bulls)

Birth Date: 17-Aug-18  
 Society ID: WNAP280  
 Horn/Scurs/Poll: P

- Very docile nature a feature of this bull (top 1% Doc EBV)
- I like his barrelled body displaying lots of muscle shape
- Scanned highly for EMA (top 10% for EMA) - top 5% for CWT, fats & IMF%
- His Dam is proving very fertile with very short calving interval

*Easy-calve*

KOANUI UNANIMOUS 7174

┌ KOANUI UNANIMOUS 0408  
 KOANUI GIRLIE 3048

Sire: KOANUI TECHNO 3062 (OSA0216133062NZHB)  
 LEELANDS X-TENSION 293

└ KOANUI BLUSH 6455  
 KOANUI BLUSH 3304

VALMA MERCHANT

┌ YAVENVALE GURU  
 YAVENVALE TREASURE D403

Dam: WIRRUNA MADAM K62 (WNAK62)  
 VALMA MAGNUM II

└ WIRRUNA MADAM G139  
 WIRRUNA MADAM E325



Dec 2019 GROUP BREEDPLAN EBV's

CALVING EASE				GROWTH & MATERNAL				
Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Weight	200-Day Growth	400-Day Weight	600-Day Weight	Mat Cow Weight	Genetic Milk
+3.3	+3.9	-1.1	+3.5	+36	<b>+63</b>	+84	+65	<b>+20</b>
51%	43%	77%	74%	70%	70%	69%	65%	57%

FERTILITY		CARCASS						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+1.2	-3.1	<b>+68</b>	<b>+5.3</b>	<b>+2.1</b>	<b>+2.9</b>	+0.8	<b>+1.5</b>	<b>+21</b>
78%	40%	63%	56%	60%	63%	55%	61%	49%

STRUCTURAL ASSESSMENT						5-Dec-19	Temp.
6	6	6	6	5	5	3	34
							1

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
SSR	NSR	SBM	NBT					Eye Pigment
<b>\$166</b>	<b>\$158</b>	<b>\$170</b>	<b>\$124</b>	<b>PP</b>	<i>Mid</i>	<b>C+</b>		100/100
				<i>Homz.</i>			4	

Purchaser \_\_\_\_\_

Price \_\_\_\_\_



Pen No. 11 (Muscle Bulls)

Birth Date: 19-Aug-18  
 Society ID: WNAP311  
 Horn/Scurs/Poll: P

- I like the body capacity & smooth skin of this 2012 son
- Among the top bulls for combining positive IMF%, EMA & RBY% attributes
- Note that J302 has been highly favoured Donor Dam of 15 Wirruna progeny
- A genetic dehorner boosting milk traits & suiting high meat quality markets

KCF BENNETT 3008 M326  
 ┌ NJW 73S M326 TRUST 100W  
   NJW P606 72N DAYDREAM 73S  
**Sire: NJW 78P TWENTYTWELVE 190Z (OSAC03008173PCA)**  
   RU 20X BOULDER 57G (IMP CAN)  
 ┌ NJW BW LADYSPORT DEW 78P  
   SADDLE-VALLEY LADYSPORT 120J

WIRRUNA CHEVIOT C280  
 ┌ WIRRUNA GABU G134  
   SOUTH BUKALONG VICTORIA 202  
**Dam: WIRRUNA VICTORIA J302 (WNAJ302)**  
   WIRRUNA VICKERY (S)  
 ┌ WIRRUNA VICTORIA G204 (H)  
   SOUTH BUKALONG VICTORIA 225



Dec 2019 GROUP BREEDPLAN EBV's

CALVING EASE				GROWTH & MATERNAL				
Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Weight	200-Day Growth	400-Day Weight	600-Day Weight	Mat Cow Weight	Genetic Milk
-3.9	<b>+4.1</b>	+0.0	+4.5	+33	+58	+88	+74	<b>+20</b>
47%	35%	64%	74%	69%	68%	68%	61%	52%

FERTILITY		CARCASS						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBY (%)	IMF (%)	Docility
+1.4	-2.0	<b>+64</b>	<b>+6.9</b>	+0.7	+0.5	<b>+1.5</b>	<b>+1.7</b>	+5
72%	37%	58%	50%	55%	59%	52%	57%	50%

STRUCTURAL ASSESSMENT						5-Dec-19	Temp.	
Front 6	Back 6	Front 6	Back 6	5	5	4	3-Dec-19 39	2

\$INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
SSR	NSR	SBM	NBT	PP Homz.	Mid	C+	4	Eye Pigment
\$144	\$126	\$137	\$96					100/100

Purchaser \_\_\_\_\_

Price \_\_\_\_\_









Autumn Sale 2020 - Wirruna Poll Herefords

Summary of Performance Information

Table with columns: Lot No, Animal Tag, Breed, Calving Ease, Growth/Maternal, Fertility, Carcass Data/EW's, and Muscle Score. Rows include various animal IDs like P265, P266, P280, etc., and their associated performance metrics.

Bred h.c. 17 drop

Top 20% of breed 17 drop

Top 5% of breed 17 drop

View Highlight Runs in top 20%

Black highlight: Rank in top 5%



Autumn Sale 2020 - Wirruna Poll Herefords															Summary of Performance Information																		
Dec 2019 GROUP BREEDPLAN EBVs															SINDEXTOTAL																		
Lot No	Animal Tag	Site	CALVING/EASE					GROWTH & MATERIAL					FERTILITY					CARCASS DATA EBVs					MUSCLE SCORE					INDEX VALUE					NOTES/PE/PP/P/PO/SE
			CE Dbs (%)	CE Dbs (kg)	Birth Weight	20 Day Growth	60 Day Weight	90 Day Weight	Main Weight	Classic	Structural	Days to Calve	Survival	Carc	Carc Wgt (kg)	RMA (kg)	RMA (mm)	RF Fat (mm)	PE Fat (mm)	RBY (kg)	RBY (%)	IMF (%)	Density	Score	SSB	SSR	SEB	SEF	STB				
57	P330	KOANUI TECHNO 3062	+6.5	+4.7	+1.8	+3.1	+3.2	+5.9	+83	+53	+18	+4.1	-3.4	39	+62	+4.7	+1.1	+1.1	+1.4	+1.7	+1.7	+2.1	C+	\$186	\$176	\$193	\$137	\$5	5	(Good Hard Bulls)			
58	P351	WIRRUNA LEWIL200	+4.4	+0.8	-1.3	+2.9	+3.7	+5.4	+71	+25	+19	+1.6	-4.7	36	+55	+5.0	+2.6	+3.9	-0.1	+2.3	+2.3	+1.0	C+	\$179	\$171	\$174	\$119	\$5	5	(Good Hard Bulls)			
59	P447	WIRRUNA LEWIL200	+3.7	+3.8	-2.7	+1.8	+3.7	+6.0	+88	+51	+22	+2.0	-3.3	37	+63	+3.4	+1.8	+2.3	+0.0	+2.9	+2.2	+1.2	C+	\$191	\$174	\$192	\$136	\$5	5	(Good Hard Bulls)			
60	P475	WIRRUNA LANCE L74	+3.9	+3.7	-3.4	+1.8	+2.9	+4.6	+60	+38	+15	+1.5	-3.7	35	+44	+3.6	+0.9	+0.6	+0.5	+1.6	+1.6	+2	C+	\$137	\$126	\$137	\$97	\$5	5	(Good Hard Bulls)			
61	P529	WIRRUNA MONOPOLY M417	-1.0	-1.0	-2.0	+4.0	+3.8	+6.5	+87	+65	+20	+2.0	-3.2	34	+66	+5.3	+0.8	+1.3	+1.2	+2.2	+1.3	+3	C	\$162	\$149	\$185	\$115	\$5	5	(Good Hard Bulls)			
			+1.1	+1.2	-0.3	+4.4	+3.3	+5.4	+76	+67	+16	+2.0	-2.6		+50	+3.2	+0.5	+0.5	+0.8	+0.4	+3		\$119	\$104	\$119	\$87							
Top 20% of breed '17 drop			+5.7	+4.0	-1.6	+2.8	+3.8	+6.2	+89	+83	+19	+2.6	-3.9		+58	+4.3	+1.1	+1.4	+1.4	+0.8	+1.0		\$146	\$133	\$150	\$110			Yellow Highlight: Ranks in top 20%				
Top 5% of breed '17 drop			+9.6	+6.5	-3.2	+0.9	+4.3	+7.0	+10.0	+9.6	+23	+3.2	-5.0		+67	+5.5	+1.7	+2.3	+1.9	+1.4	+1.6		\$174	\$162	\$180	\$131			Black Highlight: Ranks in top 5%				
Wirruna Sale Bulls Ave.			+6.1	+4.4	-2.7	+3.2	+3.8	+6.4	+8.6	+6.4	+17	+2.6	-4.3		+65	+4.8	+1.4	+1.7	+0.6	+1.6	+1.6		+180	+170	+186	+135							









Pen No. 11 (Muscle Bulls)

Birth Date: 24-Aug-18  
 Society ID: WNAP382  
 Horn/Scurs/Poll: P

- Wide-stanced & smooth-bodied bull with good back-end
- Puts together carcase quantity (top 1% EMA) & quality (top 10% IMF%) traits
- Carries calving ease attributes including low BWT & good early growth
- Good weight/day of age performance at weaning & top 5% for SSR \$Index

*Easy-calve*

ALLENDALE YACKA  
 ┌ ALLENDALE ANZAC E114  
   ALLENDALE DAWN B22 (AI) (ET)  
 Sire: WIRRUNA LENNON L102 (WNAL102)  
   WIRRUNA CALLAN C26  
 ┌ WIRRUNA MADAM H55  
   WIRRUNA MADAM E226  
   SOUTH BUKALONG WALLACE 2  
 ┌ WIRRUNA ECHUCA E99  
   WIRRUNA GOLDEN VANITY C32  
 Dam: WIRRUNA CLARA H137 (WNAH137)  
   PINE HILL CROSSFIRE C558  
 ┌ PINE HILL CLARA E693  
   PINE HILL CLARA B585



Dec 2019 GROUP BREEDPLAN EBV's

CALVING EASE				GROWTH & MATERNAL				
Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Weight	200-Day Growth	400-Day Weight	600-Day Weight	Mat Cow Weight	Genetic Milk
+3.7	<b>+6.4</b>	-1.0	+3.6	<b>+41</b>	<b>+64</b>	+87	+49	<b>+21</b>
45%	39%	58%	72%	67%	66%	65%	60%	56%

FERTILITY		CARCASE						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+1.9	-1.9	<b>+66</b>	<b>+7.0</b>	<b>+1.3</b>	<b>+2.0</b>	<b>+1.5</b>	<b>+1.2</b>	+6
77%	42%	56%	51%	54%	58%	52%	55%	51%

STRUCTURAL ASSESSMENT							5-Dec-19	Temp.
Front 7	Back 6	Front 5	Back 6	5	5	4	35	2

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
SSR	NSR	SBM	NBT	<b>PP</b> Homz	<i>Mid</i>	<b>C+</b>	4	Eye Pigment
<b>\$184</b>	<b>\$176</b>	<b>\$190</b>	<b>\$130</b>					100/100

Purchaser \_\_\_\_\_

Price \_\_\_\_\_



Pen No. 11 (Muscle Bulls)

Birth Date: 4-Sep-18  
 Society ID: WNAP520  
 Horn/Scurs/Poll: S

- Thick-topped Lance son with top 5% EMA EBV
- High scan for fats & marbling with IMF% EBV in top 1% of breed
- Excellent fertility - short DtC EBV (top 5%), large testicles & high SS EBV (top 1%)
- Positive fat (top 10%) for easy-doing & fertile replacements

QUAMBY PLAINS STOCKMASTER Y118

┌ WIRRUNA FLETCHER F214  
 WIRRUNA LAST DAY B16 (H)

Sire: **WIRRUNA LANCE L74 (WNAL74)**

└ ELITE 4110 E212  
 WIRRUNA GOLDEN VANITY H60  
 WIRRUNA GOLDEN VANITY F303

WIRRUNA EXPLORER E188

┌ WIRRUNA GRADY G240  
 WIRRUNA LAST DAY E261

Dam: **WIRRUNA MADAM J322 (WNAJ322)**

└ WIRRUNA DALGLIESH D25  
 WIRRUNA MADAM F367  
 WIRRUNA MADAM D231



Dec 2019 GROUP BREEDPLAN EBV's

CALVING EASE				GROWTH & MATERNAL				
Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Weight	200-Day Growth	400-Day Weight	600-Day Weight	Mat Cow Weight	Genetic Milk
-0.6	+3.1	<b>-4.4</b>	+5.3	<b>+39</b>	<b>+64</b>	+85	+54	+17
41%	30%	53%	72%	66%	66%	65%	59%	49%

FERTILITY		CARCASS						Docility
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	
<b>+4.3</b>	<b>-5.6</b>	+57	<b>+5.7</b>	<b>+1.8</b>	<b>+1.9</b>	+0.1	<b>+2.6</b>	-9
77%	38%	54%	49%	53%	57%	50%	52%	49%

STRUCTURAL ASSESSMENT						5-Dec-19	Temp.	

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
SSR	NSR	SBM	NBT	<b>Ph</b> Hetz	<i>Mid</i>	C+		Eye Pigment
<b>\$181</b>	<b>\$165</b>	<b>\$164</b>	<b>\$110</b>					3

Purchaser \_\_\_\_\_

Price \_\_\_\_\_



Pen No. 11 (Muscle Bulls)

Birth Date: 5-Sep-18  
 Society ID: WNAP527  
 Horn/Scurs/Poll: P

- Dark-red coated bull with depth & squareness
- Carcase improving EBVs - top 20% CWT, EMA, RBY% & IMF%
- Smooth-shouldered, positive CE & short GL EBVs for easy calving
- Ticks most boxes - tidy sheath, good structure & docility

*Easy-calve*

SOUTH BUKALONG WALLACE 2

┌ WIRRUNA FORT F382

MOUNT DIFFICULT LORNA B123

Sire: WIRRUNA MANTON M126 (WNAM126)

OTAPAWA SPARK 3060 (IMP)

┌ WIRRUNA CIRCLE J124

WIRRUNA CIRCLE F31

WIRRUNA EXPLORER E188

┌ WIRRUNA HARTWIG H297

WIRRUNA MIDGE A51

Dam: WIRRUNA TIGRESS L580 (WNAL580)

WIRRUNA DAFFY D1

┌ WIRRUNA TIGRESS G190

MOUNT DIFFICULT TIGRESS B61



Dec 2019 GROUP BREEDPLAN EBV's

CALVING EASE				GROWTH & MATERNAL				
Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Weight	200-Day Growth	400-Day Weight	600-Day Weight	Mat Cow Weight	Genetic Milk
<b>+8.8</b>	<b>+6.0</b>	<b>-4.4</b>	<b>+1.7</b>	+32	+56	+75	+63	+13
43%	35%	58%	73%	67%	66%	65%	60%	51%

FERTILITY		CARCASE						Docility
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	
<b>+3.0</b>	<b>-5.9</b>	<b>+61</b>	<b>+5.1</b>	+0.7	+1.2	<b>+1.4</b>	<b>+0.8</b>	<b>+12</b>
76%	40%	55%	49%	54%	58%	52%	54%	48%

STRUCTURAL ASSESSMENT						5-Dec-19	Temp.
6	6	6	6	5	5	4	38
							1

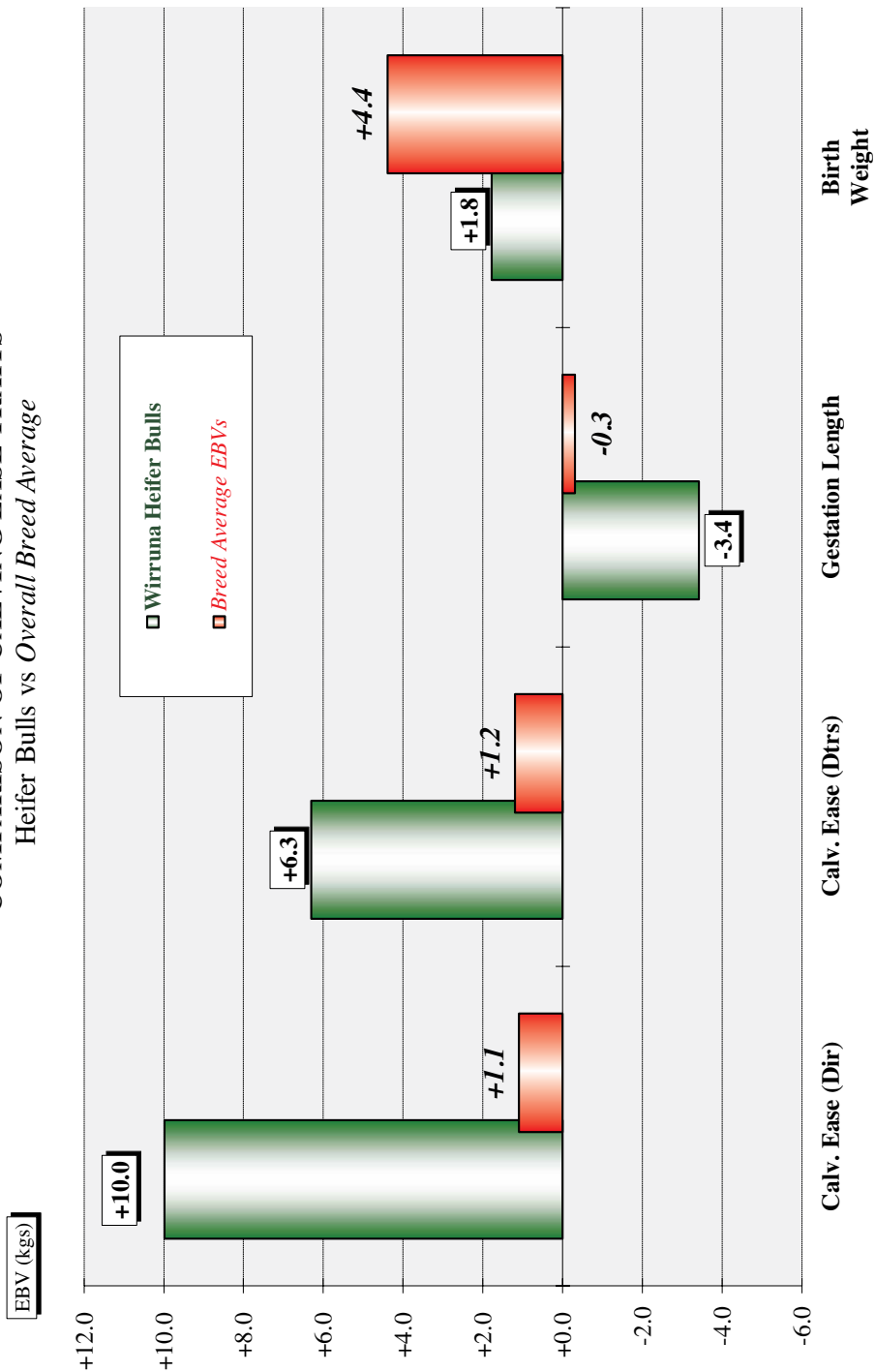
INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
SSR	NSR	SBM	NBT					Eye Pigment
<b>\$177</b>	<b>\$174</b>	<b>\$183</b>	<b>\$133</b>	<b>Ph</b> Hetz	<i>Mid</i>	<b>C+</b>		100/100
							4	

Purchaser \_\_\_\_\_

Price \_\_\_\_\_

# COMPARISON OF CALVING EASE TRAITS

Heifer Bulls vs Overall Breed Average





Pen No. 3 (Specialist Heifer Bulls)

Birth Date: 5-Aug-18  
 Society ID: WNAP040  
 Horn/Scurs/Poll: P

- Born 31kg & well-laid in shoulders for easy calving
- Top 5% for low birthweight & calving ease EBVs, top 10% for short GL
- Offers high marbling genetics to lift carcase quality - top 1% of breed
- Highly respected dam - 26 progeny at Wirruna

ET brother to Lots 9 & 23

*Easy-calve*

OKAWA BENNETT 01076

┌ OKAWA LAIDLAW 4156  
 OKAWA AMETHYST S46

Sire: **MONYMUSK EIFFEL TOWER 090140 (IMP NZL) (OSA272090140NZHB)**  
 MONYMUSK TYPHOON 03 0041

┌ MONYMUSK LEONORA 050091  
 MONYMUSK LEONORA 03 0008

ARDO HUSTLER 4110 (IMP)

┌ ELITE 4110 E212  
 SOUTH BUKALONG WINIFRED 54

Dam: **WIRRUNA CIRCLE H13 (WNAH13)**  
 KOANUI ROCKET 0219

┌ WIRRUNA CIRCLE F31  
 WIRRUNA CIRCE D80



Dec 2019 GROUP BREEDPLAN EBV's

CALVING EASE				GROWTH & MATERNAL				
Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Weight	200-Day Growth	400-Day Weight	600-Day Weight	Mat Cow Weight	Genetic Milk
<b>+11.2</b>	<b>+6.5</b>	<b>-2.7</b>	<b>-0.4</b>	+28	+46	+63	+51	+8
57%	49%	67%	75%	71%	71%	71%	68%	64%

FERTILITY		CARCASE						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+0.6	-0.6	+51	+2.3	<b>+1.1</b>	+1.0	-0.2	<b>+1.9</b>	-1
78%	45%	63%	58%	61%	65%	59%	63%	54%

STRUCTURAL ASSESSMENT						5-Dec-19	Temp.	
Front 6	Back 5	Front 6	Back 6	5	6	4	3-Dec-19 35	1

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
SSR	NSR	SBM	NBT					Eye Pigment
\$136	<b>\$133</b>	<b>\$165</b>	<b>\$128</b>	<b>PP</b> Homz	Mid	C+	4	100/60

Purchaser \_\_\_\_\_

Price \_\_\_\_\_



Pen No. 3 (Specialist Heifer Bulls)

Birth Date: 5-Aug-18  
 Society ID: WNAP042  
 Horn/Scurs/Poll: P

- Well put together bull with bombproof calving ease
- Ranked in breeds top 1% for calving ease & top 5% for light birthweight
- Carries above average growth (top 30% 400D) & strong milk (top 20%) genetics
- Soft & nice-bodied fellow out of a great uddered dam - Donor cow Circle J124

ET brother to Lot 39

*Easy-calve*

MOUNT DIFFICULT FELLIS Y12 (AI)

┌ ARDO ACHILLES 120  
 ARDO LYDIA 3127

Sire: **ARDO BISMARCK (OSA0277144256NZHB)**  
 ARDO RUSSIA 4133

┌ ARDO AMETHYST 03 3215  
 ARDO AMETHYST 03 3215

STUDBROOK D'ARTAGNION V086 (AI) (ET)

┌ OTAPAWA SPARK 3060 (IMP)  
 OTAPAWA SPOT P30

Dam: **WIRRUNA CIRCLE J124 (WNAJ124)**  
 KOANUI ROCKET 0219

┌ WIRRUNA CIRCLE F31  
 WIRRUNA CIRCE D80



Dec 2019 GROUP BREEDPLAN EBV's

CALVING EASE				GROWTH & MATERNAL				
Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Weight	200-Day Growth	400-Day Weight	600-Day Weight	Mat Cow Weight	Genetic Milk
<b>+12.3</b>	<b>+8.3</b>	<b>-4.5</b>	<b>-0.3</b>	+32	+60	+77	+68	<b>+19</b>
52%	44%	67%	74%	70%	70%	69%	64%	57%

FERTILITY		CARCASS						Docility
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	
+1.2	-3.3	<b>+67</b>	+3.9	+0.7	+1.3	+1.0	+0.6	<b>+14</b>
77%	47%	60%	54%	58%	62%	55%	60%	55%

STRUCTURAL ASSESSMENT						5-Dec-19	Temp.	
Front 6	Back 5	Front 6	Back 5	5	5	4	3-Dec-19 34	1

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
SSR	NSR	SBM	NBT					Eye Pigment
<b>\$161</b>	<b>\$157</b>	<b>\$192</b>	<b>\$147</b>	<b>PP</b> Homz	Mid	C+	4	100/100

Purchaser \_\_\_\_\_

Price \_\_\_\_\_





Pen No. 3 (Specialist Heifer Bulls)

Birth Date: 5-Aug-18  
 Society ID: WNAP044  
 Horn/Scurs/Poll: P

- Easy-calving Mischief son for early born calves
- Curve bender - Born light & offers above average growth genetics (top 20% 400D)
- Among the better bulls for fertility traits - top 1% SS & top 5% DtC
- High marbling & calving ease contributes to top 5% \$Index for SBM & NBT

*Easy-calve*

SOUTH BUKALONG SHANNON 40

┌ NITHDALE JACKAL 090029  
 NITHDALA AMETHYST 040070

Sire: **ORARI GORGE MISCHIEF 120083 (OSA0400120083NZHB)**  
 NITHDALE HEATH 070113

└ NITHDALE LESLIE 090020  
 NITHDALE LESLIE 070064

ALLENDALE YACKA

┌ ALLENDALE ANZAC E114  
 ALLENDALE DAWN B22 (AI) (ET)

Dam: **WIRRUNA FLORA L260 (WNAL260)**  
 WIRRUNA FORT F382

└ WIRRUNA FLORA H238  
 WIRRUNA FLORA F289



Dec 2019 GROUP BREEDPLAN EBV's

CALVING EASE				GROWTH & MATERNAL				
Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Weight	200-Day Growth	400-Day Weight	600-Day Weight	Mat Cow Weight	Genetic Milk
<b>+9.4</b>	<b>+4.6</b>	<b>-3.4</b>	<b>+2.7</b>	+32	<b>+63</b>	+83	+74	+17
50%	41%	76%	73%	69%	69%	68%	64%	58%

FERTILITY		CARCASS						Docility
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	
<b>+4.2</b>	<b>-5.6</b>	+56	+2.7	<b>+1.1</b>	<b>+1.6</b>	-0.5	<b>+1.6</b>	+9
78%	40%	58%	53%	57%	61%	55%	58%	51%

STRUCTURAL ASSESSMENT							5-Dec-19	Temp.
6	5	5	6	5	5	4	38	1

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
SSR	NSR	SBM	NBT					Eye Pigment
<b>\$168</b>	<b>\$154</b>	<b>\$180</b>	<b>\$137</b>	<b>PP</b> Homz	<i>Mid</i>	<b>C+</b>		100/100
							4	

Purchaser \_\_\_\_\_

Price \_\_\_\_\_



Pen No. 3 (Specialist Heifer Bulls)

Birth Date: 9-Aug-18  
 Society ID: WNAP127  
 Horn/Scurs/Poll: P

- Easy-doing & designed for easy-calving
- Out of a favoured Donor Dam - Dam of top selling bull in Spring 2019 sale
- Few bulls line up such strong EBVs for calving ease traits - all top 1%
- A genetic dehorner also exhibits a very docile nature

ET brother to Lot 37

*Easy-calve*

MOUNT DIFFICULT FELLIS Y12 (AI)

┌ ARDO ACHILLES 120  
 ARDO LYDIA 3127

Sire: ARDO BISMARCK (OSA0277144256NZHB)  
 ARDO RUSSIA 4133

┌ ARDO AMETHYST 03 3215  
 ARDO AMETHYST 03 3215

STUDBROOK D'ARTAGNION V086 (AI) (ET)

┌ OTAPAWA SPARK 3060 (IMP)  
 OTAPAWA SPOT P30

Dam: WIRRUNA CIRCLE J124 (WNAJ124)  
 KOANUI ROCKET 0219

┌ WIRRUNA CIRCLE F31  
 WIRRUNA CIRCE D80



Dec 2019 GROUP BREEDPLAN EBV's

CALVING EASE				GROWTH & MATERNAL				
Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Weight	200-Day Growth	400-Day Weight	600-Day Weight	Mat Cow Weight	Genetic Milk
<b>+12.5</b>	<b>+8.4</b>	<b>-4.3</b>	<b>-1.2</b>	+26	+46	+57	+39	+15
52%	44%	67%	74%	70%	70%	69%	64%	56%

FERTILITY		CARCASS						Docility
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	
+0.0	-2.8	+53	+3.9	<b>+1.5</b>	<b>+2.3</b>	+0.4	<b>+1.1</b>	+7
78%	47%	60%	54%	58%	61%	56%	60%	55%

STRUCTURAL ASSESSMENT						5-Dec-19	Temp.	
6	6	6	6	5	6	4	33	1

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
SSR	NSR	SBM	NBT					Eye Pigment
\$144	<b>\$145</b>	<b>\$173</b>	<b>\$129</b>	<b>PP</b> Homz	Early	C		100/100
							3	

Purchaser \_\_\_\_\_

Price \_\_\_\_\_



Pen No. 3 (Specialist Heifer Bulls)

Birth Date: 9-Aug-18  
 Society ID: WNAP128  
 Horn/Scurs/Poll: P

- Attractive Ledger son with clean front-end
- Positive calving ease genetics coupled with good early growth (top 10%)
- Great carcase - top 10% muscling & marbling traits for MSA premiums
- Large testicles- fertility traits of top 1% SS EBV & top 5% DtC EBV

'Star Lot'

*Easy-calve*

ALLENDALE YACKA  
 ┌ ALLENDALE ANZAC E114  
   ALLENDALE DAWN B22 (AI) (ET)  
 Sire: WIRRUNA LEDGER L285 (WNAL285)  
   GH ADAMS TARGET 5S (IMP)  
 ┌ WIRRUNA DOREEN G115  
   WIRRUNA DOREEN A37  
  
 QUAMBY PLAINS STOCKMASTER Y118  
 ┌ WIRRUNA FLETCHER F214  
   WIRRUNA LAST DAY B16 (H)  
 Dam: CO-OP5 CIRCE J509 (YEEJ509)  
   WIRRUNA CALLAN C26  
 ┌ WIRRUNA CIRCE F318  
   SOUTH BUKALONG CIRCE 105



Dec 2019 GROUP BREEDPLAN EBV's

CALVING EASE				GROWTH & MATERNAL				
Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Weight	200-Day Growth	400-Day Weight	600-Day Weight	Mat Cow Weight	Genetic Milk
<b>+8.4</b>	<b>+4.8</b>	<b>-5.6</b>	+3.2	<b>+42</b>	<b>+69</b>	+87	+62	+17
45%	37%	75%	73%	68%	68%	67%	61%	53%

FERTILITY		CARCASE						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
<b>+4.2</b>	<b>-5.4</b>	<b>+67</b>	<b>+5.0</b>	<b>+1.6</b>	<b>+2.0</b>	+0.2	<b>+1.3</b>	+2
77%	41%	57%	51%	56%	60%	53%	56%	55%

STRUCTURAL ASSESSMENT						5-Dec-19	Temp.
6	6	5	5	5	5	4	39
							2

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
SSR	NSR	SBM	NBT					Eye Pigment
<b>\$191</b>	<b>\$183</b>	<b>\$198</b>	<b>\$143</b>	<b>PP</b> Homz	<i>Mid</i>	<b>C+</b>		100/100
							4	

Purchaser \_\_\_\_\_

Price \_\_\_\_\_



Pen No. 3 (Specialist Heifer Bulls)

Birth Date: 10-Aug-18  
 Society ID: WNAP131  
 Horn/Scurs/Poll: P

- Fine hair type & well-shaped for calving ease
- Highest CE(DTRS) EBV in catalogue for building calving ease into the cow herd
- Offers curve-bending growth - BWT & 200D in top 20% of breed
- Note valuable carcass traits including top 5% CWT & EMA EBVs

QUAMBY PLAINS STOCKMASTER Y118

┌ WIRRUNA FLETCHER F214  
 WIRRUNA LAST DAY B16 (H)

Sire: **WIRRUNA MOLONG M010 (WNAM010)**

└ KOANUI ROCKET 0219  
 WIRRUNA CORA D9  
 WIRRUNA CORA B38

OTAPAWA SPARK 3060 (IMP)

┌ MOUNT DIFFICULT HANSEN  
 MOUNT DIFFICULT HENRIETTA E13

Dam: **WIRRUNA FLORA M223 (WNAM223)**

└ WIRRUNA FORT F382  
 WIRRUNA FLORA H238  
 WIRRUNA FLORA F289

*Easy-calve*



Dec 2019 GROUP BREEDPLAN EBV's

CALVING EASE				GROWTH & MATERNAL				
Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Weight	200-Day Growth	400-Day Weight	600-Day Weight	Mat Cow Weight	Genetic Milk
<b>+10.6</b>	<b>+8.6</b>	<b>-4.5</b>	<b>+2.0</b>	<b>+38</b>	+61	+78	+52	+17
43%	35%	58%	71%	66%	66%	65%	59%	52%

FERTILITY		CARCASS						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+1.4	<b>-3.9</b>	<b>+68</b>	<b>+6.1</b>	+1.0	+1.3	<b>+1.8</b>	+0.6	+3
77%	41%	55%	50%	54%	58%	52%	55%	49%

STRUCTURAL ASSESSMENT						5-Dec-19	Temp.
6	6	6	6	5	6	4	36
							1

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
SSR	NSR	SBM	NBT					Eye Pigment
<b>\$187</b>	<b>\$185</b>	<b>\$205</b>	<b>\$146</b>	<b>PP</b> Homz	<i>Mid</i>	<b>C</b>		100/100
							4	

Purchaser \_\_\_\_\_

Price \_\_\_\_\_



Pen No. 3 (Specialist Heifer Bulls)

Birth Date: 11-Aug-18  
 Society ID: WNAP162  
 Horn/Scurs/Poll: P

- Easy-fleshing calving ease bull for heifers
- Solid pedigree of calving ease genetics - extra low BWT & highest CE
- Positive fat for easy finishing ability & for improved fertility rates in 14mth old heifers
- Good arithmetic - top 5% ranking for most \$Indices & fertility traits

*Easy-calve*

MOUNT DIFFICULT FELLIS Y12 (AI)

┌ ARDO ACHILLES 120  
 ARDO LYDIA 3127

Sire: **ARDO BISMARCK (OSA0277144256NZHB)**

└ ARDO RUSSIA 4133  
 ARDO AMETHYST 03 3215  
 ARDO AMETHYST 03 3215

STUDBROOK D'ARTAGNION V086 (AI) (ET)

┌ OTAPAWA SPARK 3060 (IMP)  
 OTAPAWA SPOT P30

Dam: **WIRRUNA MADAM J144 (WNAJ144)**

└ SOUTH BUKALONG WALLACE 2  
 WIRRUNA MADAM F213  
 WIRRUNA MADAM A10



Dec 2019 GROUP BREEDPLAN EBV's

CALVING EASE				GROWTH & MATERNAL				
Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Weight	200-Day Growth	400-Day Weight	600-Day Weight	Mat Cow Weight	Genetic Milk
<b>+12.5</b>	<b>+8.3</b>	<b>-2.4</b>	<b>+1.0</b>	+28	+52	+69	+50	+18
52%	43%	66%	74%	70%	70%	70%	64%	57%

FERTILITY		CARCASS						Docility
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	
<b>+3.2</b>	<b>-6.4</b>	+54	+3.5	<b>+1.7</b>	<b>+2.4</b>	+0.4	+0.7	<b>+13</b>
77%	48%	61%	54%	58%	62%	56%	60%	55%

STRUCTURAL ASSESSMENT						5-Dec-19	Temp.
7	6	6	6	5	5	1	38
							1

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
SSR	NSR	SBM	NBT					Eye Pigment
<b>\$170</b>	<b>\$164</b>	<b>\$189</b>	<b>\$136</b>	<b>PP</b> Homz	<i>Early</i>	<b>C+</b>		100/100
							4	

Purchaser \_\_\_\_\_

Price \_\_\_\_\_



Pen No. 4 (Specialist Heifer Bulls)

Birth Date: 12-Aug-18  
 Society ID: WNAP177  
 Horn/Scurs/Poll: P

- Well-grown fellow with long-neck & tapered shape
- Confident use over heifers - top 5% CE(Dir), short GL & light BWT genetics
- Features key traits of top 5% for DtC, CWT & profit EBVs (\$Index)
- Ideal for heifers without compromising other herd improving traits

'Star Lot', Not registered

*Easy-calve*

KOANUI ROCKET 0219  
 ┌── MOUNT DIFFICULT CADBURY  
     MOUNT DIFFICULT MONIQUE V65  
 Sire: WIRRUNA MIDNIGHT M089 (WNAM089)  
     WIRRUNA HURRICANE H132  
 ┌── WIRRUNA PAGE K502  
     WIRRUNA PAGE H75  
  
 OKAWA MARSHALL 9178  
 ┌── WIRRUNA JANSEN J143  
     WIRRUNA WINIFRED F13  
 Dam: WIRRUNA RITA L486 (WNAL486)  
     WIRRUNA FORT F382  
 ┌── WIRRUNA RITA H258  
     WIRRUNA Rita F271



Dec 2019 GROUP BREEDPLAN EBV's

CALVING EASE				GROWTH & MATERNAL				
Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Weight	200-Day Growth	400-Day Weight	600-Day Weight	Mat Cow Weight	Genetic Milk
<b>+10.7</b>	<b>+5.7</b>	<b>-4.2</b>	<b>+2.5</b>	+37	<b>+65</b>	+85	+69	+18
38%	30%	53%	70%	64%	63%	63%	56%	49%

FERTILITY		CARCASS						Docility
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	
+1.6	<b>-5.4</b>	<b>+67</b>	<b>+4.3</b>	<b>+1.4</b>	<b>+2.2</b>	+0.7	+0.7	<b>+12</b>
72%	38%	52%	45%	50%	54%	47%	50%	44%

STRUCTURAL ASSESSMENT						5-Dec-19	Temp.
6	6	6	6	5	5	4	3-Dec-19 36
							1

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
SSR	NSR	SBM	NBT					Eye Pigment
<b>\$182</b>	<b>\$174</b>	<b>\$198</b>	<b>\$147</b>	<b>PP</b> Homz	<i>Mid</i>	<b>C</b>		100/100
							4	

Purchaser \_\_\_\_\_

Price \_\_\_\_\_



Pen No. 4 (Specialist Heifer Bulls)

Birth Date: 14-Aug-18  
 Society ID: WNAP220  
 Horn/Scurs/Poll: P

- Nice body shape & natural growth
- Pedigree stacked with easy calving genetics - top 20% CE(DIR) & short GL EBVs
- Excellent fertility attributes - top 1% DtC & positive fat traits for heifers
- Rates well for good structure and is Homozygous Polled

*Easy-calve*

SOUTH BUKALONG SHANNON 40

┌ NITHDALE JACKAL 090029  
 NITHDALA AMETHYST 040070

Sire: **ORARI GORGE MISCHIEF 120083 (OSA0400120083NZHB)**  
 NITHDALE HEATH 070113

┌ NITHDALE LESLIE 090020  
 NITHDALE LESLIE 070064

WIRRUNA FLETCHER F214

┌ WIRRUNA KILLARA K106  
 WIRRUNA MIDGE G482

Dam: **WIRRUNA UNDERTONE M485 (WNAM485)**  
 WIRRUNA GOONDIWINDI G391

┌ WIRRUNA UNDERTONE J290  
 WIRRUNA UNDERTONE F19



Dec 2019 GROUP BREEDPLAN EBV's

CALVING EASE				GROWTH & MATERNAL				
Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Weight	200-Day Growth	400-Day Weight	600-Day Weight	Mat Cow Weight	Genetic Milk
<b>+6.4</b>	+3.3	<b>-2.3</b>	+2.9	+35	+61	+83	+81	+15
47%	37%	74%	73%	68%	68%	67%	62%	56%

FERTILITY		CARCASS						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+2.4	<b>-6.3</b>	<b>+59</b>	+2.6	<b>+1.5</b>	<b>+2.0</b>	-0.5	<b>+1.1</b>	-7
77%	39%	57%	51%	55%	60%	53%	57%	49%

STRUCTURAL ASSESSMENT							5-Dec-19	Temp.
5	6	5	6	6	5	4	36	2

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
SSR	NSR	SBM	NBT					Eye Pigment
<b>\$158</b>	<b>\$146</b>	<b>\$162</b>	<b>\$122</b>	<b>PP</b> Homz	Mid	C+	3	100/100

Purchaser \_\_\_\_\_

Price \_\_\_\_\_



Pen No. 4 (Specialist Heifer Bulls)

Birth Date: 15-Aug-18  
 Society ID: WNAP237  
 Horn/Scurs/Poll: P

- Attractive & curve-bending Ledger son
- Having positive genetic fat is good risk management for those tough years
- Carries high fertility - Short DtC & large SS EBVs for more fertile daughters
- Docility EBV's can be used as a tool to improve temperament in progeny

ALLENDALE YACKA  
 ┌── ALLENDALE ANZAC E114  
     ALLENDALE DAWN B22 (AI) (ET)  
 Sire: WIRRUNA LEDGER L285 (WNAL285)  
     GH ADAMS TARGET 5S (IMP)  
 ┌── WIRRUNA DOREEN G115  
     WIRRUNA DOREEN A37  
  
 MOUNT DIFFICULT CADBURY  
 ┌── WIRRUNA JACK J12  
     WIRRUNA LAST DAY G63  
 Dam: WIRRUNA AMABEL L284 (WNAL284)  
     WIRRUNA FIFIELD F184  
 ┌── WIRRUNA AMABEL H386  
     WIRRUNA AMABEL E101

*Easy-calve*



Dec 2019 GROUP BREEDPLAN EBV's

CALVING EASE				GROWTH & MATERNAL				
Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Weight	200-Day Growth	400-Day Weight	600-Day Weight	Mat Cow Weight	Genetic Milk
<b>+7.8</b>	<b>+4.9</b>	-0.1	+3.0	<b>+39</b>	+61	+75	+63	+13
42%	34%	75%	73%	67%	66%	65%	59%	49%

FERTILITY		CARCASS						Docility
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	
<b>+4.0</b>	<b>-5.3</b>	+55	+1.8	<b>+2.1</b>	<b>+3.1</b>	-1.3	<b>+1.3</b>	<b>+17</b>
74%	39%	55%	48%	53%	58%	50%	55%	52%

STRUCTURAL ASSESSMENT						5-Dec-19	Temp.
7	7	6	7	5	6	4	40
							1

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
SSR	NSR	SBM	NBT					Eye Pigment
<b>\$154</b>	<b>\$148</b>	<b>\$162</b>	<b>\$120</b>	<b>PP</b> Homz	<i>Mid</i>	<b>C</b>		100/100
							3	

Purchaser \_\_\_\_\_

Price \_\_\_\_\_





Pen No. 4 (Specialist Heifer Bulls)

Birth Date: 19-Aug-18  
 Society ID: WNAP300  
 Horn/Scurs/Poll: P

- Well-grown & dark-coated bull by Matty
- Short gestation length for early-born calves that are up & growing earlier
- Calve heifers with confidence - low BWT & top 10% CE(Dir)
- A genetic dehorner also featuring genetics to improve docility in the herd

Not registered

*Easy-calve*

ALLENDALE YACKA  
 ┌ ALLENDALE ANZAC E114  
   ALLENDALE DAWN B22 (AI) (ET)  
 Sire: **WIRRUNA MATTY M288 (WNAM288)**  
   ELITE 4110 E212  
 ┌ WIRRUNA CIRCLE H13  
   WIRRUNA CIRCLE F31  
   ELITE X122 H2  
 ┌ WIRRUNA KEECH K93  
   WIRRUNA DOREEN H287  
 Dam: **WIRRUNA RITA M504 (WNAM504)**  
   WIRRUNA GASON G130  
 ┌ WIRRUNA RITA J507  
   CO-OP5 RITA G146



Dec 2019 GROUP BREEDPLAN EBV's

CALVING EASE				GROWTH & MATERNAL				
Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Weight	200-Day Growth	400-Day Weight	600-Day Weight	Mat Cow Weight	Genetic Milk
<b>+8.7</b>	+3.8	<b>-4.9</b>	+2.9	+37	<b>+68</b>	+88	+72	<b>+22</b>
44%	34%	60%	73%	67%	66%	64%	57%	49%

FERTILITY		CARCASS						Docility
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	
+2.4	-3.0	<b>+65</b>	+3.7	<b>+1.2</b>	<b>+1.5</b>	+0.0	<b>+0.9</b>	<b>+18</b>
76%	38%	54%	48%	53%	57%	51%	52%	47%

STRUCTURAL ASSESSMENT						5-Dec-19	Temp.	
6	6	5	6	5	5	4	37	1

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
SSR	NSR	SBM	NBT					Eye Pigment
<b>\$161</b>	<b>\$146</b>	<b>\$180</b>	<b>\$138</b>	<b>PP</b> Homz	<i>Mid</i>	<b>C+</b>	<b>4</b>	100/100

Purchaser \_\_\_\_\_

Price \_\_\_\_\_



Pen No. 4 (Specialist Heifer Bulls)

Birth Date: 26-Aug-18  
 Society ID: WNAP417  
 Horn/Scurs/Poll: P

- Tapered body for easily-born calves
- This fellow offers top 10% calving ease credentials & low birthweight
- Offers good marbling genes - IMF% EBV in top 10%
- Features dark-red coat, good eye-hooding & pigmentation

WIRRUNA FLETCHER F214  
 ┌── WIRRUNA KATNOOK K74  
     WIRRUNA VICTORIA G7  
 Sire: WIRRUNA MATESEL M351 (WNAM351)  
     OTAPAWA SPARK 3060 (IMP)  
 ┌── WIRRUNA MADAM J144  
     WIRRUNA MADAM F213

*Easy-calve*

ARDO HUSTLER 4110 (IMP)  
 ┌── TOBRUK JEDI  
     PINE HILL MARITANA A619  
 Dam: WIRRUNA MADAM L293 (WNAL293)  
     SOUTH BUKALONG WALLACE 2  
 ┌── WIRRUNA MADAM G153  
     WIRRUNA MADAM C330



Dec 2019 GROUP BREEDPLAN EBV's

CALVING EASE				GROWTH & MATERNAL				
Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Weight	200-Day Growth	400-Day Weight	600-Day Weight	Mat Cow Weight	Genetic Milk
<b>+8.6</b>	<b>+8.2</b>	<b>-2.8</b>	<b>+2.0</b>	+33	+52	+67	+40	+11
41%	32%	57%	72%	66%	66%	64%	58%	48%

FERTILITY		CARCASS						Docility
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	
+0.7	-1.9	+54	+3.9	<b>+1.3</b>	<b>+1.5</b>	+0.7	<b>+1.1</b>	-2
76%	36%	53%	49%	54%	58%	51%	52%	49%

STRUCTURAL ASSESSMENT						5-Dec-19	Temp.
7	5	6	6	5	5	3	33
							1

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
SSR	NSR	SBM	NBT	Ph Hetz	Mid	C		Eye Pigment
<b>\$162</b>	<b>\$159</b>	<b>\$176</b>	<b>\$123</b>					

Purchaser \_\_\_\_\_

Price \_\_\_\_\_



Pen No. 4 (Specialist Heifer Bulls)

Birth Date: 27-Aug-18  
 Society ID: WNAP421  
 Horn/Scurs/Poll: P

- Molong son with good neck-extension
- Calving ease EBVs in the top 5% of the breed for a sleep-easy calving
- Breed quality replacements with high milk, maternal CE & strong female fertility
- I like his good head carriage & top-end fertility traits (top 5%)

'Star Lot'

*Easy-calve*

QUAMBY PLAINS STOCKMASTER Y118

┌ WIRRUNA FLETCHER F214  
 WIRRUNA LAST DAY B16 (H)

Sire: **WIRRUNA MOLONG M010 (WNAM010)**

└ KOANUI ROCKET 0219  
 WIRRUNA CORA D9  
 WIRRUNA CORA B38

ELITE X122 H2

┌ WIRRUNA KEECH K93  
 WIRRUNA DOREEN H287

Dam: **WIRRUNA LAST DAY M560 (WNAM560)**

└ WIRRUNA DAFFY D1  
 WIRRUNA LAST DAY J375  
 WIRRUNA LAST DAY C85



Dec 2019 GROUP BREEDPLAN EBV's

CALVING EASE				GROWTH & MATERNAL				
Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Weight	200-Day Growth	400-Day Weight	600-Day Weight	Mat Cow Weight	Genetic Milk
<b>+11.8</b>	<b>+7.2</b>	<b>-2.6</b>	<b>+1.7</b>	+31	+55	+73	+50	<b>+20</b>
41%	33%	50%	71%	65%	66%	64%	56%	49%

FERTILITY		CARCASS						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
<b>+3.3</b>	<b>-5.7</b>	<b>+59</b>	<b>+5.0</b>	+0.4	+0.4	<b>+1.9</b>	+0.3	+8
76%	39%	54%	49%	54%	58%	51%	53%	49%

STRUCTURAL ASSESSMENT						5-Dec-19	Temp.
6	5	6	6	5	6	3	37
							1

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
SSR	NSR	SBM	NBT					Eye Pigment
<b>\$176</b>	<b>\$168</b>	<b>\$194</b>	<b>\$139</b>	<b>PP</b> Homz	<i>Mid</i>	<b>C</b>		100/100
							4	

Purchaser \_\_\_\_\_

Price \_\_\_\_\_



Pen No. 4 (Specialist Heifer Bulls)

Birth Date: 12-Sep-18  
 Society ID: WNAP563  
 Horn/Scurs/Poll: P

- Deep-bodied bull with curve-bending growth
- Light birthweight & top 5% calving ease for confident use over 14 month heifers
- A great set of testicles for fertility - SS EBV in top 1%
- Near perfect structural scores for feet & legs - quiet temperament

*Easy-calve*

ALLENDALE YACKA  
 ┌── ALLENDALE ANZAC E114  
     ALLENDALE DAWN B22 (AI) (ET)  
 Sire: **WIRRUNA MAXIMUM M345 (WNAM345)**  
     ELITE 4110 E212  
 ┌── WIRRUNA CIRCLE H13  
     WIRRUNA CIRCLE F31  
  
 SOUTH BUKALONG WALLACE 2  
 ┌── WIRRUNA JAFFA J55  
     WIRRUNA VICTORIA G92  
 Dam: **WIRRUNA GOLDEN VANITY L375 (WNAL375)**  
     WIRRUNA GAYLORD G152  
 ┌── WIRRUNA GOLDEN VANITY J286  
     WIRRUNA GOLDEN VANITY D50



Dec 2019 GROUP BREEDPLAN EBV's

CALVING EASE				GROWTH & MATERNAL				
Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Weight	200-Day Growth	400-Day Weight	600-Day Weight	Mat Cow Weight	Genetic Milk
<b>+10.5</b>	<b>+6.5</b>	<b>-3.6</b>	<b>+2.5</b>	<b>+39</b>	<b>+67</b>	+88	<b>+87</b>	+12
41%	35%	52%	72%	66%	66%	65%	59%	51%

FERTILITY		CARCASS						Docility
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	
<b>+4.2</b>	-1.1	<b>+60</b>	+1.4	-0.5	-0.8	+0.7	+0.2	<b>+10</b>
76%	39%	55%	50%	55%	59%	52%	54%	48%

STRUCTURAL ASSESSMENT						5-Dec-19	Temp.
5	5	5	6	5	6	3	3-Dec-19 39
							1

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
SSR	NSR	SBM	NBT					Eye Pigment
<b>\$148</b>	<b>\$138</b>	<b>\$178</b>	<b>\$139</b>	<b>PP</b> Homz	<i>Mid</i>	<b>C+</b>		100/100
							4	

Purchaser \_\_\_\_\_

Price \_\_\_\_\_



Pen No. 4 (Specialist Heifer Bulls)

Birth Date: 21-Sep-18  
 Society ID: WNAP604  
 Horn/Scurs/Poll: P

- Good-headed bull displaying loin muscle
- Low birth-weight (top 20%), high calving ease (top 10%) & short gestation (top 5%)
- Positive carcass traits - top 20% CWT, top 10% RBY%
- Youngest in draft, rated in top 10% for NSR, SBM & NBT \$Indices

SOUTH BUKALONG WALLACE 2

┌ WIRRUNA FORT F382

MOUNT DIFFICULT LORNA B123

Sire: **WIRRUNA MANTON M126 (WNAM126)**

OTAPAWA SPARK 3060 (IMP)

┌ WIRRUNA CIRCLE J124

WIRRUNA CIRCLE F31

OKAWA MARSHALL 9178

┌ WIRRUNA JESSY J146

WIRRUNA MABEL F127

Dam: **WIRRUNA AMABEL L539 (WNAL539)**

WIRRUNA FAWKNER F90

┌ WIRRUNA AMABEL J245

WIRRUNA AMABEL E251

*Easy-calve*



Dec 2019 GROUP BREEDPLAN EBV's

CALVING EASE				GROWTH & MATERNAL				
Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Weight	200-Day Growth	400-Day Weight	600-Day Weight	Mat Cow Weight	Genetic Milk
<b>+8.4</b>	<b>+5.6</b>	<b>-3.2</b>	<b>+2.2</b>	+31	+53	+75	+66	+14
42%	33%	56%	72%	66%	66%	64%	60%	49%

FERTILITY		CARCASS						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBY (%)	IMF (%)	Docility
+2.0	-3.4	<b>+60</b>	+4.2	+0.4	+0.7	<b>+1.8</b>	+0.0	+1
75%	39%	54%	48%	53%	57%	50%	53%	46%

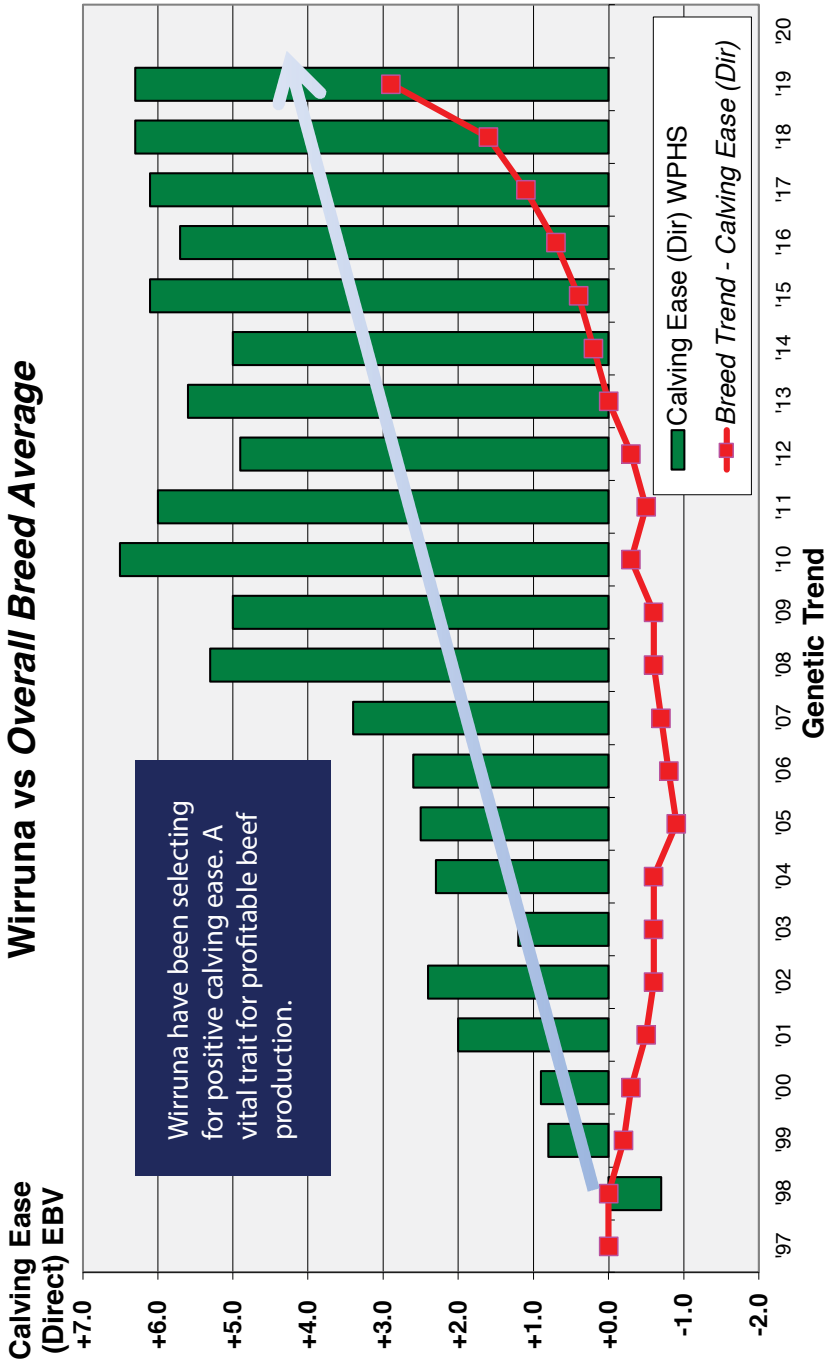
STRUCTURAL ASSESSMENT						5-Dec-19	Temp.
7	6	7	7	5	6	4	34
							2

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
SSR	NSR	SBM	NBT					Eye Pigment
<b>\$156</b>	<b>\$153</b>	<b>\$171</b>	<b>\$126</b>	<b>PP</b> Homz	<i>Mid</i>	<b>C+</b>		100/100
							4	

Purchaser \_\_\_\_\_

Price \_\_\_\_\_

# Calving Ease since 1997 Wirruna vs Overall Breed Average





Pen No. 5 (Good Herd Bulls)

Birth Date: 8-Aug-18  
 Society ID: WNAP097  
 Horn/Scurs/Poll: P

- A Fort son with fine-coat & docile nature
- Short gestation genetics to get the calf out & growing earlier
- Note valuable marbling trait (top 5% IMF%) for high MSA compliance
- Higher genetic fat has a positive effect on heifer fertility & beef quality

SOUTH BUKALONG WALKER 6  
 ┌── SOUTH BUKALONG WALLACE 2  
     SOUTH BUKALONG VICTORIA 152

Sire: **WIRRUNA FORT F382 (WNAF382)**

MOUNT DIFFICULT FELLIS Y12 (AI)  
 ┌── MOUNT DIFFICULT LORNA B123  
     MOUNT DIFFICULT LORNA X73

YARRAM LOTTERY X122 (H)  
 ┌── ELITE X122 H2  
     ELITE LASSIE Y781 F15

Dam: **WIRRUNA RITA K37 (WNAK37)**

WIRRUNA FREDDIE F381  
 ┌── WIRRUNA RITA H322  
     WIRRUNA RITA E281



Dec 2019 GROUP BREEDPLAN EBV's

CALVING EASE				GROWTH & MATERNAL				
Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Weight	200-Day Growth	400-Day Weight	600-Day Weight	Mat Cow Weight	Genetic Milk
+4.5	+3.6	<b>-5.7</b>	+4.3	+36	+55	+75	+55	+16
53%	46%	77%	74%	70%	70%	70%	67%	63%

FERTILITY		CARCASS						Docility
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	
+1.8	<b>-5.8</b>	+51	+2.6	<b>+2.0</b>	<b>+3.0</b>	-0.4	<b>+1.4</b>	+0
78%	48%	62%	55%	60%	63%	57%	61%	56%

STRUCTURAL ASSESSMENT						5-Dec-19	Temp.
6	6	6	7	5	5	4	3-Dec-19 36
							1

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
SSR	NSR	SBM	NBT					Eye Pigment
<b>\$160</b>	<b>\$149</b>	<b>\$157</b>	<b>\$110</b>	<b>Ph</b> Hetz	<b>Mid</b>	<b>C+</b>		100/100
							4	

Purchaser \_\_\_\_\_

Price \_\_\_\_\_



Pen No. 5 (Good Herd Bulls)

Birth Date: 9-Aug-18  
 Society ID: WNAP129  
 Horn/Scurs/Poll: P

- A low birth-weight Techno son - 30kg at birth
- Good growth (top 25% 400D & 600D) from an easy-calving (top 5%) base
- Great marbling (top 5% IMF% EBV) & profit potential (top 5% for SBM & NBT)
- Fine-coated bull displaying length, width & depth - shows butt shape & docility

*Easy-calve*

KOANUI UNANIMOUS 7174

┌ KOANUI UNANIMOUS 0408  
 KOANUI GIRLIE 3048

Sire: KOANUI TECHNO 3062 (OSA0216133062NZHB)  
 LEELANDS X-TENSION 293

┌ KOANUI BLUSH 6455  
 KOANUI BLUSH 3304

ARDO HUSTLER 4110 (IMP)

┌ ELITE 4110 E212  
 SOUTH BUKALONG WINIFRED 54

Dam: WIRRUNA CIRCLE L81 (WNAL81)  
 KOANUI ROCKET 0219

┌ WIRRUNA CIRCLE F31  
 WIRRUNA CIRCE D80



Dec 2019 GROUP BREEDPLAN EBV's

CALVING EASE				GROWTH & MATERNAL				
Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Weight	200-Day Growth	400-Day Weight	600-Day Weight	Mat Cow Weight	Genetic Milk
<b>+10.5</b>	<b>+6.6</b>	<b>-2.5</b>	<b>-0.3</b>	+31	+61	+86	+77	+18
52%	44%	76%	74%	70%	70%	68%	64%	56%

FERTILITY		CARCASS						Docility
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	
<b>+2.6</b>	-2.4	<b>+68</b>	+2.3	<b>+1.3</b>	<b>+1.5</b>	+0.0	<b>+1.6</b>	<b>+19</b>
78%	39%	62%	56%	59%	62%	56%	60%	49%

STRUCTURAL ASSESSMENT						5-Dec-19	Temp.
6	6	6	6	5	5	4	37
							1

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
SSR	NSR	SBM	NBT					Eye Pigment
<b>\$166</b>	<b>\$157</b>	<b>\$193</b>	<b>\$150</b>	<b>PP</b> Homz	<i>Mid</i>	<b>C+</b>		100/100
							4	

Purchaser \_\_\_\_\_

Price \_\_\_\_\_





Pen No. 5 (Good Herd Bulls)

Birth Date: 10-Aug-18  
 Society ID: WNAP137  
 Horn/Scurs/Poll: P

- Dark cherry-red bull showing length & depth of body
- Dam (& this calf in utero) purchased at the Chester dispersal - Nice Cow!
- Scanning revealed strong fat attributes - top 1% fat & IMF% EBVs
- Processors are wanting marbling for better MSA compliance & lifting MSA Index

*Easy-calve*

ALLEDALE WATERLOO B50  
 ┌── MINLACOWIE GRIFFIN  
     MINLACOWIE SALLY D120  
 Sire: **YAVENVALE KINGPIN K317 (YAVK317)**  
     SOUTH BUKALONG WALLACE 2  
 ┌── YAVENVALE TREASURE D403  
     YAVENVALE TREASURE B247 (H)  
     SOUTH BUKALONG SHANNON 40  
 ┌── CHESTER SHANNON G38  
     CHESTER MOONBEAM B13  
 Dam: **CHESTER VANITY L41 (CHSL41)**  
     ALLEDALE WASHINGTON C77  
 ┌── CHESTER VANITY J90  
     QUAMBY PLAINS VANITY Z66



Dec 2019 GROUP BREEDPLAN EBV's

CALVING EASE				GROWTH & MATERNAL				
Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Weight	200-Day Growth	400-Day Weight	600-Day Weight	Mat Cow Weight	Genetic Milk
<b>+6.4</b>	+1.4	+0.1	<b>+1.5</b>	+29	+51	+68	+46	+14
41%	32%	59%	73%	67%	67%	66%	59%	47%

FERTILITY		CARCASE						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
<b>+1.5</b>	-3.6	+52	+3.7	<b>+2.3</b>	<b>+3.4</b>	-0.8	<b>+1.9</b>	<b>+11</b>
77%	34%	56%	50%	54%	58%	51%	53%	40%

STRUCTURAL ASSESSMENT						5-Dec-19	Temp.	
Front 6	Back 6	Front 6	Back 6	5	5	4	3-Dec-19 35	I

\$INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
SSR	NSR	SBM	NBT				3	Eye Pigment
<b>\$148</b>	<b>\$141</b>	<b>\$154</b>	<b>\$114</b>	<b>PP</b> Homz.	<i>Mid</i>	<b>C+</b>	3	100/100

Purchaser \_\_\_\_\_

Price \_\_\_\_\_



Pen No. 5 (Good Herd Bulls)

Birth Date: 12-Aug-18  
 Society ID: WNAP176  
 Horn/Scurs/Poll: P

- An easy-fleshing bull with large testicles
- Excellent fertility - top 5% SS plus top 1% DtC EBVs for fertile daughters
- Offers good early growth (top 20%) without compromising the CE traits
- A well rounded EBV profile with strong \$Index values & high marbling

'Star Lot'

*Easy-calve*

Sire: **TOBRUK JAQUAR (DRHJ11)**  
 SOUTH BUKALONG WALKER 6  
 SOUTH BUKALONG WALLACE 2  
 SOUTH BUKALONG VICTORIA 152  
 MOUNT DIFFICULT FELLIS Y12 (AI)  
 PINE HILL MARITANA A619  
 PINE HILL MARITANA W575  
 CAPETHORNE HOT SHOT 03 22  
 Dam: **WIRRUNA LORNA K12 (WNAK12)**  
 MATARIKI HOLY-SMOKE  
 MATARIKI GIRLIE 00323  
 WIRRUNA EXPLORER E188  
 WIRRUNA LORNA H232  
 MOUNT DIFFICULT LORNA B123



Dec 2019 GROUP BREEDPLAN EBV's

CALVING EASE				GROWTH & MATERNAL				
Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Weight	200-Day Growth	400-Day Weight	600-Day Weight	Mat Cow Weight	Genetic Milk
+4.3	<b>+4.4</b>	<b>-4.2</b>	+3.3	<b>+42</b>	<b>+63</b>	+79	+46	+17
46%	41%	75%	72%	66%	66%	65%	60%	54%

FERTILITY		CARCASS						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
<b>+3.2</b>	<b>-7.2</b>	<b>+63</b>	+3.5	<b>+2.4</b>	<b>+3.3</b>	-0.2	<b>+1.8</b>	<b>+10</b>
76%	42%	55%	51%	55%	58%	53%	55%	49%

STRUCTURAL ASSESSMENT						5-Dec-19	Temp.
6	5	6	6	5	5	4	39
							2

\$INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
SSR	NSR	SBM	NBT					Eye Pigment
<b>\$191</b>	<b>\$184</b>	<b>\$181</b>	<b>\$123</b>	<b>PP</b> Homz	Mid	C+		100/100
							4	

Purchaser \_\_\_\_\_

Price \_\_\_\_\_



Pen No. 5 (Good Herd Bulls)

Birth Date: 15-Aug-18  
 Society ID: WNAP231  
 Horn/Scurs/Poll: P

- Fine-coated bull with docile nature
- Top highest DtC EBV & high positive fat EBVs for driving herd fertility
- Milk EBV rated in top 10% for all 2017 born animals
- Earlier maturity to soften large frame cows & for grass finishing markets

STUDBROOK D'ARTAGNION V086 (AI) (ET)

┌ OTAPAWA SPARK 3060 (IMP)  
 OTAPAWA SPOT P30

Sire: **TOBRUK LENNOX (DRHL13)**

MOUNT DIFFICULT FELLIS Y12 (AI)

┌ PINE HILL MARITANA A619  
 PINE HILL MARITANA W575

CAPETHORNE HOT SHOT 03 22

┌ MATARIKI HOLY-SMOKE  
 MATARIKI GIRLIE 00323

Dam: **WIRRUNA LAST DAY J189 (WNAJ189)**

MOUNT DIFFICULT BUCKSHOT

┌ WIRRUNA LAST DAY D5  
 MOUNT DIFFICULT LAST DAY B165



Dec 2019 GROUP BREEDPLAN EBV's

CALVING EASE				GROWTH & MATERNAL				
Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Weight	200-Day Growth	400-Day Weight	600-Day Weight	Mat Cow Weight	Genetic Milk
-3.7	+0.9	-0.7	+5.0	<b>+40</b>	+60	+80	+68	<b>+21</b>
47%	40%	75%	73%	68%	68%	66%	61%	55%

FERTILITY		CARCASS						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+2.1	<b>-7.8</b>	+56	<b>+4.4</b>	<b>+2.0</b>	<b>+2.5</b>	+0.5	<b>+1.1</b>	+6
77%	42%	57%	52%	56%	59%	54%	55%	50%

STRUCTURAL ASSESSMENT						5-Dec-19	Temp.	
Front 6	Back 6	Front 6	Back 6	5	6	4	3-Dec-19 37	1

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
SSR	NSR	SBM	NBT					Eye Pigment
<b>\$146</b>	<b>\$133</b>	\$123	\$84	<b>PP</b> Homz	Early	C	3	100/100

Purchaser \_\_\_\_\_

Price \_\_\_\_\_



Pen No. 5 (Good Herd Bulls)

Birth Date: 16-Aug-18  
 Society ID: WNAP252  
 Horn/Scurs/Poll: P

- Well-grown & long-bodied Ledger son
- High scan for IMF% reflected in top 1% ranking for IMF% EBV
- Trademark fertility traits - large testicles, top 20% SS & top 5% DtC EBVs
- Always at the top-end for weight gain performance out of a high marbling dam  
 'Star Lot'

*Easy-calve*

Sire: WIRRUNA LEDGER L285 (WNAL285)  
 ALLENDALE YACKA  
 ALLENDALE ANZAC E114  
 ALLENDALE DAWN B22 (AI) (ET)

GH ADAMS TARGET 5S (IMP)  
 WIRRUNA DOREEN G115  
 WIRRUNA DOREEN A37

Dam: WIRRUNA VICTORIA F235 (WNAF235)  
 NOOKEN VALERIAN 2  
 QUAMBY PLAINS STOCKMASTER Y118  
 QUAMBY PLAINS MAGPIE W9

MOUNT DIFFICULT UNGAR (S)  
 SOUTH BUKALONG VICTORIA 225  
 SOUTH BUKALONG VICTORIA 199



Dec 2019 GROUP BREEDPLAN EBV's

CALVING EASE				GROWTH & MATERNAL				
Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Weight	200-Day Growth	400-Day Weight	600-Day Weight	Mat Cow Weight	Genetic Milk
<b>+9.8</b>	<b>+2.5</b>	<b>-2.4</b>	<b>-0.1</b>	<b>+38</b>	<b>+58</b>	<b>+68</b>	<b>+47</b>	<b>+20</b>
46%	39%	75%	74%	69%	69%	68%	62%	53%

FERTILITY		CARCASS						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
<b>+2.6</b>	<b>-5.7</b>	<b>+66</b>	<b>+4.5</b>	<b>+2.1</b>	<b>+2.7</b>	<b>-0.8</b>	<b>+2.6</b>	<b>+7</b>
77%	41%	57%	51%	56%	60%	54%	56%	55%

STRUCTURAL ASSESSMENT						5-Dec-19	Temp.	
Front	Back	Front	Back			3-Dec-19		
6	5	5	6	5	5	4	40	2

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
SSR	NSR	SBM	NBT					Eye Pigment
<b>\$164</b>	<b>\$159</b>	<b>\$175</b>	<b>\$138</b>	<b>PP</b> Homz	<i>Mid</i>	<b>C+</b>	4	100/90

Purchaser \_\_\_\_\_

Price \_\_\_\_\_



Pen No. 5 (Good Herd Bulls)

Birth Date: 21-Aug-18  
 Society ID: WNAP330  
 Horn/Scurs/Poll: P

- Techno son with good conformation
- Marbling & \$Indices rank in top 5% for calves born 2017
- Large testicles linked to early puberty in heifers - top 1% SS EBV
- Gene tested PP to genetically dehorn progeny & rates well for structural traits

*Easy-calve*

KOANUI UNANIMOUS 7174

┌ KOANUI UNANIMOUS 0408  
 KOANUI GIRLIE 3048

Sire: **KOANUI TECHNO 3062 (OSA0216133062NZHB)**  
 LEELANDS X-TENSION 293

└ KOANUI BLUSH 6455  
 KOANUI BLUSH 3304

ELITE 4110 E212

┌ WIRRUNA HERNANDO H47  
 WIRRUNA VICTORIA F203

Dam: **WIRRUNA OYSTER GIRL K408 (WNAK408)**  
 WIRRUNA FIFIELD F184

└ WIRRUNA OYSTER GIRL H441  
 WIRRUNA OYSTER GIRL E248



Dec 2019 GROUP BREEDPLAN EBV's

CALVING EASE				GROWTH & MATERNAL				
Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Weight	200-Day Growth	400-Day Weight	600-Day Weight	Mat Cow Weight	Genetic Milk
<b>+6.5</b>	<b>+4.7</b>	+1.8	+3.1	+32	+59	+83	+53	+18
51%	42%	76%	74%	70%	70%	69%	64%	56%

FERTILITY		CARCASE						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
<b>+4.1</b>	-3.4	<b>+62</b>	<b>+4.7</b>	<b>+1.1</b>	+1.1	<b>+1.4</b>	<b>+1.7</b>	<b>+21</b>
78%	39%	62%	56%	59%	62%	55%	61%	48%

STRUCTURAL ASSESSMENT						5-Dec-19	Temp.
6	5	5	6	5	5	39	2

\$INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
SSR	NSR	SBM	NBT	<b>PP</b> Homz.	<i>Mid</i>	<b>C+</b>		Eye Pigment 100/70
<b>\$186</b>	<b>\$176</b>	<b>\$193</b>	<b>\$137</b>					

Purchaser \_\_\_\_\_

Price \_\_\_\_\_



Pen No. 5 (Good Herd Bulls)

Birth Date: 22-Aug-18  
 Society ID: WNAP351  
 Horn/Scurs/Poll: P

- Dark-red bull with easy-doing ability
- Scanning revealed strong carcass quality attributes - top 1% fat & IMF% EBVs
- Lower Mature Cow weight EBV an advantage indicating lower maintenance cows
- Good feet & leg scores by independent structural assessment

*Easy-calve*

WIRRUNA FORT F382  
 ┌── WIRRUNA HOT STUFF H356  
     WIRRUNA GOLDEN VANITY F378

Sire: WIRRUNA LEWI L200 (WNAL200)

MATARIKI HOLY-SMOKE  
 ┌── WIRRUNA LAST DAY J82  
     WIRRUNA LAST DAY G43

WIRRUNA DAFFY D1  
 ┌── WIRRUNA HERD IMPROVER H483  
     WIRRUNA AMABEL D18

Dam: WIRRUNA DOREEN K153 (WNAK153)

WIRRUNA ZECH  
 ┌── WIRRUNA DOREEN C160  
     WIRRUNA DOREEN X191



Dec 2019 GROUP BREEDPLAN EBV's

CALVING EASE				GROWTH & MATERNAL				
Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Weight	200-Day Growth	400-Day Weight	600-Day Weight	Mat Cow Weight	Genetic Milk
+4.4	+0.8	-1.3	+2.9	+37	+54	+71	+25	<b>+19</b>
40%	32%	55%	71%	65%	65%	64%	58%	51%

FERTILITY		CARCASS						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+1.6	<b>-4.7</b>	+55	<b>+5.0</b>	<b>+2.6</b>	<b>+3.9</b>	-0.1	<b>+2.3</b>	<b>+10</b>
76%	38%	53%	47%	52%	57%	50%	51%	46%

STRUCTURAL ASSESSMENT						5-Dec-19	Temp.
6	5	5	6	5	5	4	36
							1

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
SSR	NSR	SBM	NBT					Eye Pigment
<b>\$179</b>	<b>\$171</b>	<b>\$174</b>	<b>\$119</b>	<b>PP</b>	<i>Mid</i>	<b>C+</b>		100/100
				<i>Homz.</i>			4	

Purchaser \_\_\_\_\_

Price \_\_\_\_\_



Pen No. 5 (Good Herd Bulls)

Birth Date: 29-Aug-18  
 Society ID: WNAP447  
 Horn/Scurs/Poll: P

- High profit bull with cherry-red coat - top 5% \$Index
- Higher genetic fat has a positive effect on heifer fertility & beef quality
- Scanned well for marbling - top 1% IMF% EBV
- Out of a high milking & marbling Dam in the WIRRUNA herd with 10 progeny

*Easy-calve*

WIRRUNA FORT F382  
 ┌ WIRRUNA HOT STUFF H356  
   WIRRUNA GOLDEN VANITY F378  
 Sire: WIRRUNA LEWI L200 (WNAL200)  
       MATARIKI HOLY-SMOKE  
 ┌ WIRRUNA LAST DAY J82  
   WIRRUNA LAST DAY G43  
       ARDO HUSTLER 4110 (IMP)  
 ┌ ELITE 4110 E212  
   SOUTH BUKALONG WINIFRED 54  
 Dam: WIRRUNA LAST DAY H88 (WNAH88)  
       WIRRUNA VICKERY (S)  
 ┌ WIRRUNA LAST DAY E163  
   MOUNT DIFFICULT LAST DAY C31



Dec 2019 GROUP BREEDPLAN EBV's

CALVING EASE				GROWTH & MATERNAL				
Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Weight	200-Day Growth	400-Day Weight	600-Day Weight	Mat Cow Weight	Genetic Milk
+3.7	+3.8	-2.7	+1.8	+37	+60	+88	+51	+22
44%	36%	60%	72%	67%	66%	65%	60%	55%

FERTILITY		CARCASE						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+2.0	-3.3	+63	+3.4	+1.8	+2.3	+0.0	+2.9	+12
76%	40%	55%	50%	54%	58%	52%	54%	51%

STRUCTURAL ASSESSMENT						5-Dec-19	Temp.	
Front 6	Back 5	Front 6	Back 5	5	5	5	3-Dec-19 37	2

\$INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
SSR	NSR	SBM	NBT					Eye Pigment
\$191	\$174	\$192	\$136	Ph Hetz	Mid	C+	4	100/95

Purchaser \_\_\_\_\_

Price \_\_\_\_\_



Pen No. 5 (Good Herd Bulls)

Birth Date: 31-Aug-18  
 Society ID: WNAP475  
 Horn/Scurs/Poll: P

- Nice-bodied Lance son with lots of meat
- Carcase quality benefits from good marbling - top 5% IMF% EBV
- Low BWT (top 15%), short GL (top 5%) & positive CE for less calving issues
- Offers Homozygous polled genetics to remove horns

QUAMBY PLAINS STOCKMASTER Y118

┌ WIRRUNA FLETCHER F214  
 WIRRUNA LAST DAY B16 (H)

Sire: WIRRUNA LANCE L74 (WNAL74)

┌ ELITE 4110 E212  
 WIRRUNA GOLDEN VANITY H60  
 WIRRUNA GOLDEN VANITY F303

┌ ELITE 4110 E212  
 WIRRUNA HAGLEY H221  
 MOUNT DIFFICULT LORNA B101

Dam: WIRRUNA GOLDEN VANITY K276 (WNAK276)

┌ DEBARRY IMAGE (AI)  
 WIRRUNA GOLDEN VANITY G129  
 WIRRUNA GOLDEN VANITY C432

*Easy-calve*



Dec 2019 GROUP BREEDPLAN EBV's

CALVING EASE				GROWTH & MATERNAL				
Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Weight	200-Day Growth	400-Day Weight	600-Day Weight	Mat Cow Weight	Genetic Milk
+3.9	+3.7	<b>-3.4</b>	<b>+1.8</b>	+29	+46	+60	+38	+15
43%	33%	55%	73%	66%	66%	65%	60%	52%

FERTILITY		CARCASE						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+1.5	-3.7	+44	+3.6	+0.9	+0.6	+0.5	<b>+1.6</b>	+2
76%	39%	55%	49%	53%	57%	51%	54%	50%

STRUCTURAL ASSESSMENT						5-Dec-19	Temp.	
Front 6	Back 6	Front 6	Back 6	6	5	4	3-Dec-19 35	2

\$INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
SSR	NSR	SBM	NBT	PP Homz.	Mid	C+	4	Eye Pigment
\$137	\$126	\$137	\$97					

Purchaser \_\_\_\_\_

Price \_\_\_\_\_





Pen No. 5 (Good Herd Bulls)

Birth Date: 4-Sep-18  
 Society ID: WNAP529  
 Horn/Scurs/Poll: P

- Proud bull that stands well with head up
- Neatly combines carcase quantity (top 10% EMA) with quality (top 1% IMF%)
- Features short GL, good growth & milk, tight sheath and a dark cherry-red coat
- A genetic dehorner - Homozygous Polled

MATARIKI HOLY-SMOKE

┌ WIRRUNA KEITH K169  
 WIRRUNA DIDO F397

Sire: **WIRRUNA MONOPOLY M417 (WNAM417)**  
 OTAPAWA SPARK 3060 (IMP)

┌ WIRRUNA VICTORIA J199  
 SOUTH BUKALONG VICTORIA 236

MATARIKI HOLY-SMOKE

┌ WIRRUNA KENNY K66  
 WIRRUNA DOREEN H5

Dam: **WIRRUNA LAST DAY M414 (WNAM414)**  
 WIRRUNA HERNANDO H47

┌ WIRRUNA LAST DAY K134  
 WIRRUNA LAST DAY H181 (H)



Dec 2019 GROUP BREEDPLAN EBV's

CALVING EASE				GROWTH & MATERNAL				
Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Weight	200-Day Growth	400-Day Weight	600-Day Weight	Mat Cow Weight	Genetic Milk
-1.0	-1.0	<b>-2.0</b>	+4.0	<b>+38</b>	<b>+65</b>	+87	+65	<b>+20</b>
41%	30%	50%	71%	65%	65%	64%	56%	47%

FERTILITY		CARCASE						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Docility
+2.0	-3.2	<b>+66</b>	<b>+5.3</b>	+0.8	+1.3	+1.2	<b>+2.2</b>	<b>+13</b>
76%	36%	52%	48%	53%	57%	50%	52%	46%

STRUCTURAL ASSESSMENT						5-Dec-19	Temp.	
Front 7	Back 6	Front 6	Back 7	5	5	4	3-Dec-19 34	2

\$INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
SSR	NSR	SBM	NBT					Eye Pigment
<b>\$162</b>	<b>\$149</b>	<b>\$155</b>	<b>\$115</b>	<b>PP</b> Homz.	<i>Mid</i>	<b>C</b>	4	80/100

Purchaser \_\_\_\_\_

Price \_\_\_\_\_

**Female Sale Lists will be available in February**

Due to an earlier sale date this year, the catalogue print deadlines occurred well before Pregnancy Testing of the potential sale females, which is booked in for 24th January.

Similarly to previous Autumn sales, Wirruna will offer around 60 surplus females for sale. Offered as individual lots for those looking for phenotypically superior animals, or group lots of stud & commercial PTIC breeding females. See below for the likely group lots.

Full details of the sale females, including individual performance information and mating details, will be available electronically on the Wirruna website ([www.wirruna.com](http://www.wirruna.com)) and by contacting Ian Locke directly from 29th January 2020.

**Lots 62 - 71  Individual Stud Lots**

*Pen No. 6 (Indiv. Lots)*

- Fully recorded and registered Poll Hereford/Hereford cows
- Superior phenotypes of mixed ages
- Superior genotypes with breedleading EBVs
- Joined to high \$Index Wirruna Sires
- Pregnancy tested to calve (mid Aug-Sep '20)

**Lot 72  Stud Breeding Cows (PTIC)**

*Pen No. 12 (Stud cows)*

- Fully recorded and registered Poll Hereford/Hereford cows
- Rising 3 years of age (N tags)
- Joined to high \$Index Wirruna Sires
- Pregnancy tested to calve (mid Aug-Sep '20)
- EBV's & joining details available upon request

Purchaser \_\_\_\_\_ Price \_\_\_\_\_

**Lot 73  Stud Breeding Cows (PTIC)**

*Pen No. 13 (Stud cows)*

- Fully recorded and registered Poll Hereford/Hereford cows
- Rising 4-5 years of age (L & M tags)
- Joined to next generation Wirruna Sires
- Pregnancy tested to calve (mid Aug-Sep '20)
- EBV's & joining details available upon request

Purchaser \_\_\_\_\_ Price \_\_\_\_\_

**Lot 74 ✓ Stud Breeding Cows (PTIC)**

*Pen No. 14 (Stud cows)*

- Fully recorded and registered Poll Hereford cows
- Rising 6 to 9 years of age (F, G, H, J & K tags)
- Joined to high \$Index Wirruna Sires
- Superior phenotypes
- EBV's & joining details available upon request

Purchaser \_\_\_\_\_ Price \_\_\_\_\_

**Lot 75 ✓ Performance Recorded Cows (PTIC)**

*Pen No. 16 (Commercial cows)*

- Fully recorded Poll Hereford/Hereford cows
- Rising 3 years of age (N tags)
- Joined to next generation Wirruna Sires
- Biosecurity J-BAS 8 for Johnes Disease
- EBV's & joining details available upon request

Purchaser \_\_\_\_\_ Price \_\_\_\_\_

**Lot 76 ✓ Performance Recorded Cows (PTIC)**

*Pen No. 17 (Commercial cows)*

- Fully recorded Poll Hereford/Hereford cows
- Rising 4-5 years of age (L & M tags)
- Joined to high \$Index Wirruna Sires
- Pregnancy tested to calve (mid Aug-Sep '20)
- EBV's & joining details available upon request

Purchaser \_\_\_\_\_ Price \_\_\_\_\_

**Lot 77 ✓ Performance Recorded Cows (PTIC)**

*Pen No. 9 (Commercial cows)*

- Fully recorded Poll Hereford cows
- Rising 6 to 9 years of age (F, G, H, J & K tags)
- Joined to high \$Index Wirruna Sires
- Pregnancy tested to calve (mid Aug-Sep '20)
- EBV's & joining details available upon request

Purchaser \_\_\_\_\_ Price \_\_\_\_\_

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# BUYER'S INSTRUCTION SLIP

Name of Buyer:.....

PIC No. \_\_\_\_\_

Address: .....

.....

.....

Telephone: .....

Email: .....

Lots Purchased: .....

.....

.....

Delivery Instructions: .....

.....

*Please tick where applicable:*

Please arrange transfer of Pedigree through the Breed Society

Membership No.: .....

I wish Wirruna to organise delivery on my behalf

Joining date: .....

I would prefer this transaction be through my agent

Agents Name: .....

Other details: .....

.....

---

*Hand this to the sale agent at the conclusion of the sale*

---

# HELMSMAN SELECTIONS

The Helmsman System is a buyer friendly buying system. The system enables bull buyers to compete for bulls in a relaxed atmosphere without pressure or coercion allowing you to select the RIGHT BULL at the RIGHT PRICE.

One sale day you should visually assess and rank sale bulls in your order of preference. This page has been designed to assist you and can be used as a reference during the sale. It is especially important if you miss out on your first picks.

If you require further information or have any questions, please do not hesitate to ask one of the Wirruna representatives.

Buyer Number:

1st Choice Lot: ..... Comments:.....

2nd Choice Lot: ..... Comments:.....

3rd Choice Lot: ..... Comments:.....

4th Choice Lot: ..... Comments:.....

5th Choice Lot: ..... Comments:.....

6th Choice Lot: ..... Comments:.....

7th Choice Lot: ..... Comments:.....

8th Choice Lot: ..... Comments:.....

## SALE STATISTICS

No of Bulls Sold

.....

Average Price

\$.....

Top Price

\$.....

---

*All of us at Wirruna wish to thank successful bidders  
and underbidders who supported our sale.*

---

***Date to Remember***

ON PROPERTY AT "SPRING VALLEY"

# **Spring Bull Sale**

WEDNESDAY, 26TH AUGUST 2020

# Notes

## ProGibb® SG

### Ian Locke

*Wirruna Poll Hereford Stud, Holbrook NSW*

"Applied in early July, ProGibb at 10 gm/ha can take pastures from 700 kg to 1400 kg/ha in 3 weeks, perfect to calve and lamb into."



**ProGibb® SG**  
SMARTGRASS



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***"ProGibb gives us  
the confidence to  
carry more breeding  
stock through the  
winter bottleneck!"***



# Notes

# Notes

To view an online video of the Autumn  
2020 sale bulls, go to  
[www.wirruna.com](http://www.wirruna.com) and click the link on  
the home page.

## LOCATION MAP

