



**WIRRUNA**  
poll herefords

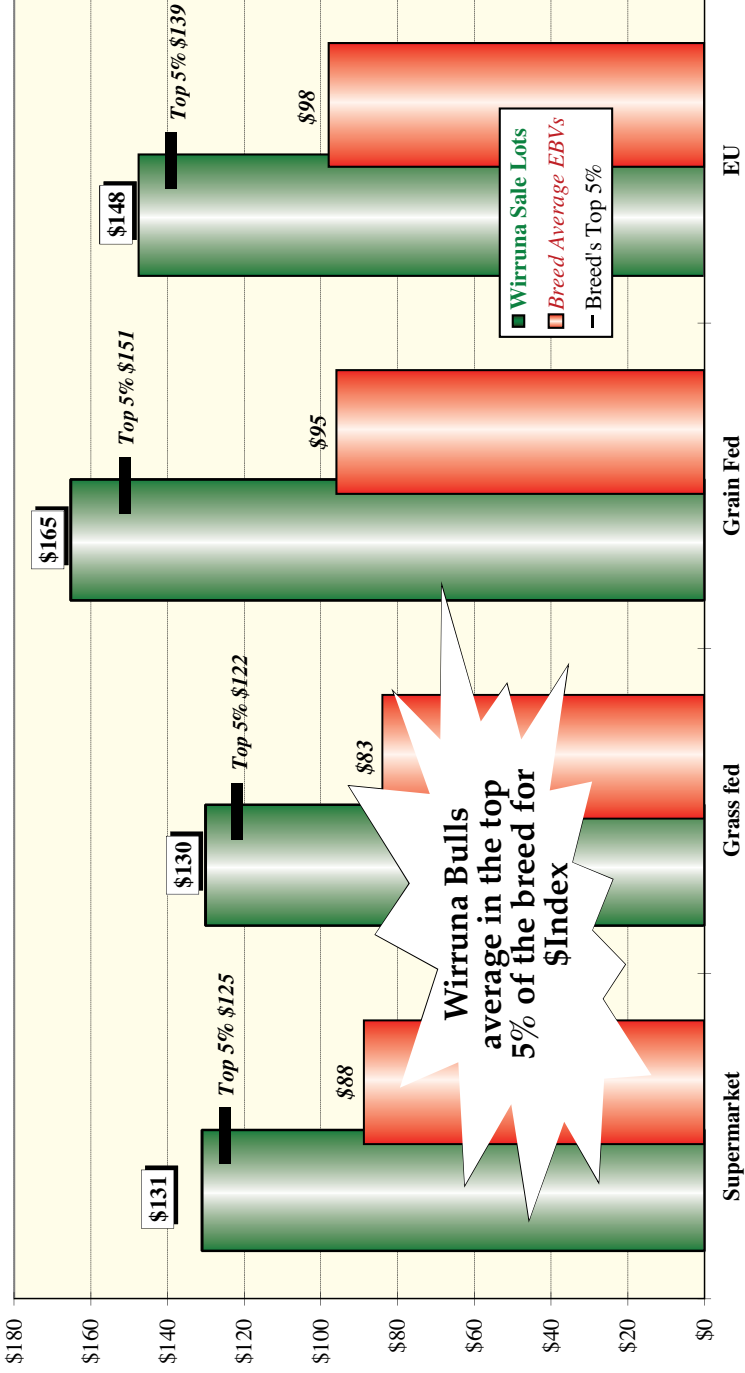
# **70<sup>th</sup> Birthday Bull & Female Sale**

USING THE HELMSMAN  
BUYING SYSTEM

**Wednesday, March 13, 2019**

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

EBV (kgs)





# 70<sup>th</sup> Birthday Bull & Female Sale

*Offering....*

**63 x Poll Hereford Bulls**

**11 x PTIC Breeders as Individual Lots**

**62 x PTIC Breeders as Group Lots**

USING THE HELMSMAN BUYING SYSTEM

To be held undercover at  
"Spring Valley" Holbrook NSW

## ***Wednesday, 13th March, 2019***

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*

Mob: (0429) 497 166  
Email: callowlivestock@bigpond.com

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.*

# CONTENTS

|  | <i>Page</i> |
|--|-------------|
| Genetic Audit of Wirruna Herd                              | 4           |
| Mission Statement & Breeding Objective                     | 8           |
| Sale Arrangements  | 9           |
| The Helmsman Auction System                                | 10          |
| Using Performance Information                              | 11          |
| A guide to Heifer Bull selection                           | 13          |
| Using Selection Indices                                    | 14          |
| Percentile table for animals born 2017                     | 15          |
| Structural Assessment Information                          | 16          |
| Genomics at Wirruna  | 18          |
| The Wirruna Guarantee                                      | 19          |
| Reference Sires  | 20          |
| Sale Bulls   |             |
| • Wirruna sires – Lot 1 to 8                               | 22          |
| • Growth bulls – Lot 9 to 24                               | 31          |
| • Muscle bulls – Lot 25 to 39                              | 48          |
| • Specialist heifer bulls – Lot 40 to 55                   | 71          |
| • Good herd bulls – Lot 56 to 63                           | 88          |
| Sale Females   |             |
| • 11 Registered females PTIC – Lot 64 to 74                | 98          |
| • 11 Registered 3yr females PTIC – Group Lot 75            | 110         |
| • 8 Registered 4-5yr females PTIC – Group Lot 76           | 110         |
| • 7 Registered 6-8yr females PTIC – Group Lot 77           | 110         |
| • 14 Performance recorded 3yr females PTIC – Group Lot 78  | 110         |
| • 15 Performance recorded 4yr females PTIC – Group Lot 79  | 111         |
| • 7 Performance recorded 5-8yr females PTIC – Group Lot 80 | 111         |
| Buyers Instruction Slip                                    | 113         |
| Helmsman selections  | 114         |



# Autumn 2019 '70<sup>th</sup> Birthday Sale'

This year marks our 70th year of WIRRUNA Poll Herefords and we wish to celebrate this milestone at our Autumn sale.

At the time of writing, many of us are dealing with drought feeding, water challenges and record heatwave conditions scorching most of our properties. 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.

WIRRUNA pride itself on running one of the most disciplined breeding programs in the country and a leading herd for driving genetics focused on helping commercial beef producers improve their beef herd profitability.

This sale includes older sires that have been used at WIRRUNA. The 'N' 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, all preg tested in calf

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.

A handwritten signature in cursive script, likely belonging to a member of The Locke Family.

The Locke Family



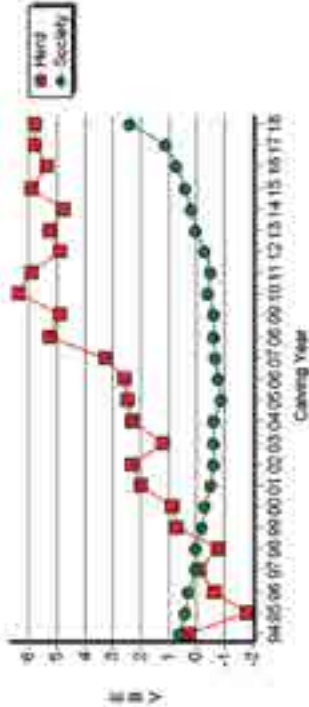
WIRRUNA

# GENETIC AUDIT OF WIRRUNA HERD

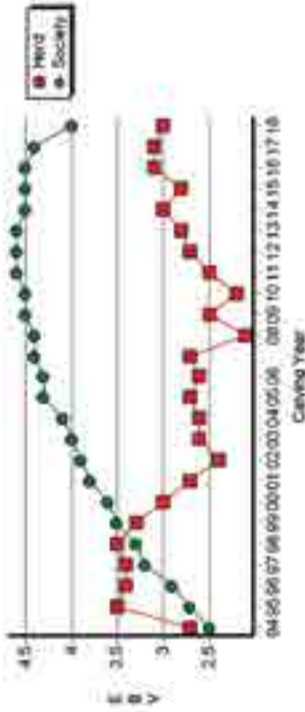
January 2019 Hereford GROUP BREEDPLAN

Graphs of Herd Compared with Breed Genetic Trends

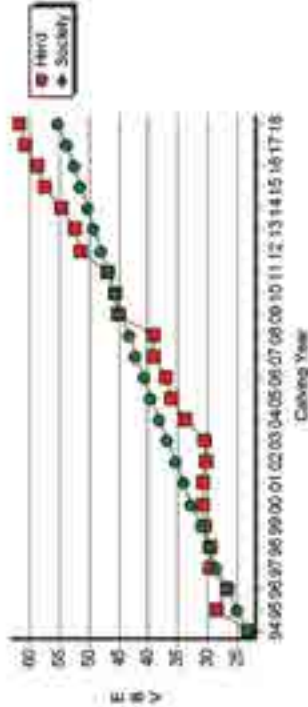
### Calving Ease Dir (%)



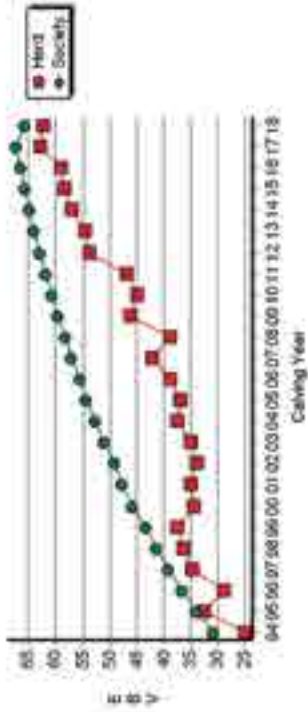
### Birth Weight (kg)



### 400 Day Weight (kg)



### Mature Weight (kg)



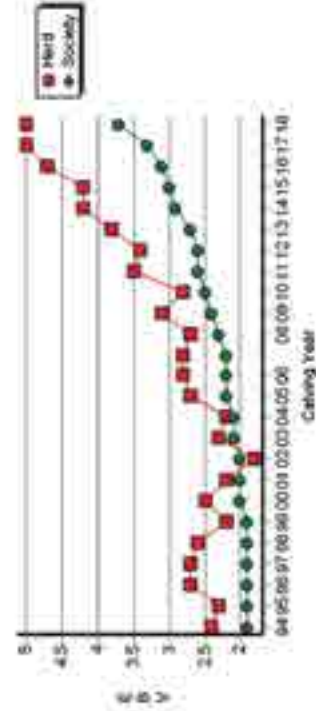


# GENETIC AUDIT OF WIRRUNA HERD

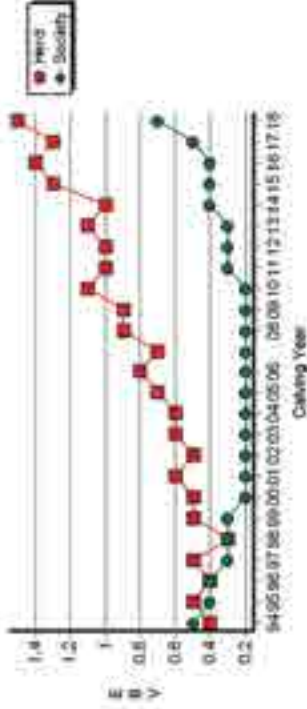
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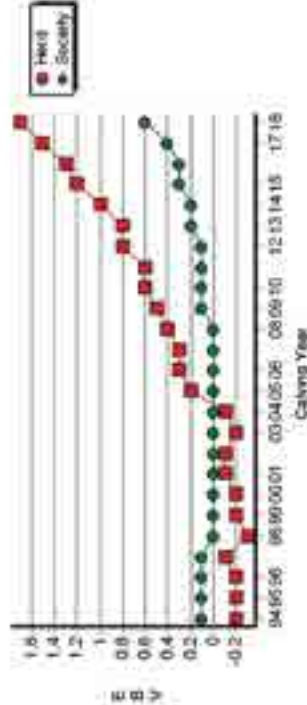
Carcase EMA (sq.cm)



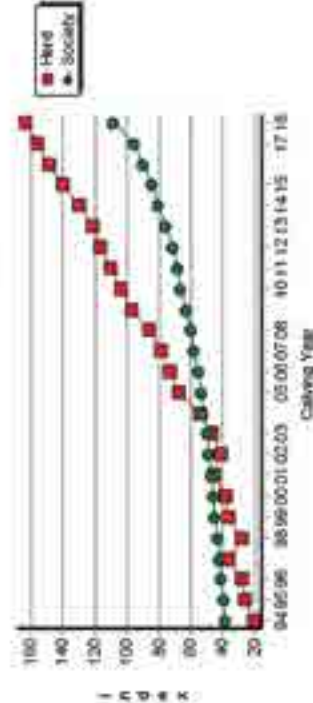
Carcase Rib Fat (mm)



Carcase IMF (%)



Grain Fed Steer (\$)





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 7, 2018.
- 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 28, 2018 (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.





# 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 calving ease, milk, muscle, marbling 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 Practise 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.  AuctionsPlus  
Buy and sell your animals
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 15,000 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 January 2019 GROUP BREEDPLAN EBV's and can be directly compared with only January 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)                             |             |             |              |                |                |                |                |              |
|---|-------------|-------------|--------------|----------------|----------------|----------------|----------------|--------------|
| <i>(Figures are breed average for calves born 2017)</i> |             |             |              |                |                |                |                |              |
| C Ease Direct   | C Ease Dtrs | Gest Length | Birth Weight | 200 Day Growth | 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 +4.2 and positive calving ease EBV's.**

**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.

*Easy-calve*

**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)<br>(Figures are breed av. calves born 2017) |                        |              |             |      |      | MUSCLE SCORE |
|---|------------------------|--------------|-------------|------|------|--------------|
| Carcass Weight  | EMA (cm <sup>2</sup> ) | Rib Fat (mm) | P8 Fat (mm) | RBV% | IMF% | Range A ← E  |
| +48   | +3.1                   | +0.4         | +0.5        | +0.8 | +0.3 |              |

**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.

**RBV%** 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 (formally 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<br><i>(Figures are breed av. calves born 2017)</i> |                       |                             |
|--|-----------------------|-----------------------------|
| Scrotal Size EBV (cm)<br>+2.0  | DC EBV (days)<br>-2.7 | Scrotal size (cm)<br>>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 January 2019 Group Breedplan. 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 +4.2)
- **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 are now available. Known as Breedobject \$Index, these indices are designed to allow balanced selection for various market end-points and breeding objectives. Developed by the Animal Genetics and Breeding Unit (AGBU) at UNE in Armidale, this technology applies various weightings to the potential 17 EBV's now available 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 possible extra dollars earned per cow joined in self replacing herds targeting a particular market.

Generic indexes have been developed for a number of Hereford specific markets of self-replacing herds. These are included in this catalogue and are as follows:

- **SUPERMARKET INDEX** - This production system assumes a typical self-replacing herd in temperate Australia targeting short grain-fed or grass-finished steers for the domestic supermarket trade with some marbling requirement. Steers are assumed to be marketed at a liveweight of 450kgs at 17 months of age.
- **GRASS-FED STEER INDEX** - This production system assumes a typical self-replacing herd in temperate Australia targeting grass-finished steers with some marbling requirement. Steers are assumed to be marketed at a liveweight of 600kgs at 23 months of age.
- **GRAIN FED STEER INDEX** - This production system assumes a typical self-replacing herd in temperate Australia targeting production of steers for 125 day feedlot finishing period for grain fed markets. Steers are assumed to be marketed at a 600 kg liveweight at 20 months. There is a significant premium for marble score of 2 or greater.
- **EUROPEAN UNION (EU) INDEX** - Estimates the genetic differences between animals in net profitability per cow joined for an example commercial herd targeting pasture grown and finished steers for the EU market with no marbling requirement. Steers are assumed marketed at 620 kg live weight (340 kg HSCW and 14 mm P8 fat depth) at 24 months of age. Daughters are retained for breeding.

| <b>BREED OBJECT \$INDEX</b>                           |                  |                  |                 |
|---|------------------|------------------|-----------------|
| <i>(Figures - Breed average for calves born 2017)</i> |                  |                  |                 |
| <b>Supermarket</b>                                    | <b>Grass fed</b> | <b>Grain fed</b> | <b>EU Index</b> |
| <b>\$88</b>   | <b>\$83</b>      | <b>\$95</b>      | <b>\$98</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.



## January 2019 Hereford GROUP 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  |      |      |      | Carcasse |     |        |      | Extra |      |      |      | Indexes |      |        |     |     |      |     |     |      |      |     |      |      |      |      |      |     |       |      |      |      |      |      |      |      |      |     |     |     |     |     |      |      |     |      |      |      |      |      |     |       |      |      |      |      |      |      |      |      |     |     |     |     |     |      |      |     |      |      |      |      |      |     |       |      |      |      |      |      |      |      |      |     |     |     |     |     |      |      |     |      |      |      |      |      |    |       |      |      |      |      |      |      |      |      |     |     |     |     |     |      |      |     |      |      |      |      |      |    |       |      |     |      |      |      |      |      |      |     |     |     |     |     |      |      |     |      |      |      |      |      |    |       |     |     |      |      |      |      |      |      |     |     |     |     |     |      |      |     |      |      |      |      |      |    |       |     |     |      |      |      |      |      |      |     |     |     |     |     |      |      |     |      |      |      |      |      |    |       |     |     |      |      |      |      |      |      |     |     |     |     |     |      |      |     |      |      |      |      |      |    |       |     |     |     |      |      |      |      |      |     |     |     |     |     |      |      |     |      |      |      |      |      |    |       |     |     |     |     |      |      |      |      |     |     |     |     |     |      |      |     |      |      |      |      |      |    |       |     |     |     |     |      |      |      |      |     |     |     |     |     |      |      |     |      |      |      |      |      |    |       |     |     |     |     |      |      |      |      |     |     |     |     |     |      |      |     |      |      |      |      |      |    |       |     |     |     |     |      |      |      |      |     |     |     |     |     |      |      |     |      |      |      |      |      |    |       |     |     |     |     |      |      |      |      |     |     |     |     |     |      |      |     |      |      |      |      |      |    |       |     |     |     |     |      |      |      |      |     |     |     |     |     |      |      |     |      |      |      |      |      |    |       |     |     |     |     |      |      |      |      |     |     |     |     |     |      |      |     |      |      |      |      |      |    |       |     |     |     |     |      |      |      |      |     |     |     |     |     |      |      |     |      |      |      |      |      |    |       |     |     |     |     |      |      |      |      |     |     |     |     |    |      |      |     |      |      |      |      |      |     |       |     |     |     |     |       |      |      |      |     |     |     |     |    |      |      |     |      |      |      |      |      |     |       |     |     |     |     |
|---------|-----------|------|------|------|-------|-----|------|------|--------|------|------|-----|-------|------|------|------|----------|-----|--------|------|-------|------|------|------|---------|------|--------|-----|-----|------|-----|-----|------|------|-----|------|------|------|------|------|-----|-------|------|------|------|------|------|------|------|------|-----|-----|-----|-----|-----|------|------|-----|------|------|------|------|------|-----|-------|------|------|------|------|------|------|------|------|-----|-----|-----|-----|-----|------|------|-----|------|------|------|------|------|-----|-------|------|------|------|------|------|------|------|------|-----|-----|-----|-----|-----|------|------|-----|------|------|------|------|------|----|-------|------|------|------|------|------|------|------|------|-----|-----|-----|-----|-----|------|------|-----|------|------|------|------|------|----|-------|------|-----|------|------|------|------|------|------|-----|-----|-----|-----|-----|------|------|-----|------|------|------|------|------|----|-------|-----|-----|------|------|------|------|------|------|-----|-----|-----|-----|-----|------|------|-----|------|------|------|------|------|----|-------|-----|-----|------|------|------|------|------|------|-----|-----|-----|-----|-----|------|------|-----|------|------|------|------|------|----|-------|-----|-----|------|------|------|------|------|------|-----|-----|-----|-----|-----|------|------|-----|------|------|------|------|------|----|-------|-----|-----|-----|------|------|------|------|------|-----|-----|-----|-----|-----|------|------|-----|------|------|------|------|------|----|-------|-----|-----|-----|-----|------|------|------|------|-----|-----|-----|-----|-----|------|------|-----|------|------|------|------|------|----|-------|-----|-----|-----|-----|------|------|------|------|-----|-----|-----|-----|-----|------|------|-----|------|------|------|------|------|----|-------|-----|-----|-----|-----|------|------|------|------|-----|-----|-----|-----|-----|------|------|-----|------|------|------|------|------|----|-------|-----|-----|-----|-----|------|------|------|------|-----|-----|-----|-----|-----|------|------|-----|------|------|------|------|------|----|-------|-----|-----|-----|-----|------|------|------|------|-----|-----|-----|-----|-----|------|------|-----|------|------|------|------|------|----|-------|-----|-----|-----|-----|------|------|------|------|-----|-----|-----|-----|-----|------|------|-----|------|------|------|------|------|----|-------|-----|-----|-----|-----|------|------|------|------|-----|-----|-----|-----|-----|------|------|-----|------|------|------|------|------|----|-------|-----|-----|-----|-----|------|------|------|------|-----|-----|-----|-----|-----|------|------|-----|------|------|------|------|------|----|-------|-----|-----|-----|-----|------|------|------|------|-----|-----|-----|-----|----|------|------|-----|------|------|------|------|------|-----|-------|-----|-----|-----|-----|-------|------|------|------|-----|-----|-----|-----|----|------|------|-----|------|------|------|------|------|-----|-------|-----|-----|-----|-----|
|         | Dir       |      | GL   |      | Bwt   |     | Milk |      | Mwt    |      | SS   |     | DC    |      | Cwt  |      | EWA      |     | Rib    |      | P8    |      | RBY  |      | IMF     |      | Doc    |     | NFI |      | SM  |     | GN   |      | EU  |      |      |      |      |      |     |       |      |      |      |      |      |      |      |      |     |     |     |     |     |      |      |     |      |      |      |      |      |     |       |      |      |      |      |      |      |      |      |     |     |     |     |     |      |      |     |      |      |      |      |      |     |       |      |      |      |      |      |      |      |      |     |     |     |     |     |      |      |     |      |      |      |      |      |    |       |      |      |      |      |      |      |      |      |     |     |     |     |     |      |      |     |      |      |      |      |      |    |       |      |     |      |      |      |      |      |      |     |     |     |     |     |      |      |     |      |      |      |      |      |    |       |     |     |      |      |      |      |      |      |     |     |     |     |     |      |      |     |      |      |      |      |      |    |       |     |     |      |      |      |      |      |      |     |     |     |     |     |      |      |     |      |      |      |      |      |    |       |     |     |      |      |      |      |      |      |     |     |     |     |     |      |      |     |      |      |      |      |      |    |       |     |     |     |      |      |      |      |      |     |     |     |     |     |      |      |     |      |      |      |      |      |    |       |     |     |     |     |      |      |      |      |     |     |     |     |     |      |      |     |      |      |      |      |      |    |       |     |     |     |     |      |      |      |      |     |     |     |     |     |      |      |     |      |      |      |      |      |    |       |     |     |     |     |      |      |      |      |     |     |     |     |     |      |      |     |      |      |      |      |      |    |       |     |     |     |     |      |      |      |      |     |     |     |     |     |      |      |     |      |      |      |      |      |    |       |     |     |     |     |      |      |      |      |     |     |     |     |     |      |      |     |      |      |      |      |      |    |       |     |     |     |     |      |      |      |      |     |     |     |     |     |      |      |     |      |      |      |      |      |    |       |     |     |     |     |      |      |      |      |     |     |     |     |     |      |      |     |      |      |      |      |      |    |       |     |     |     |     |      |      |      |      |     |     |     |     |     |      |      |     |      |      |      |      |      |    |       |     |     |     |     |      |      |      |      |     |     |     |     |    |      |      |     |      |      |      |      |      |     |       |     |     |     |     |       |      |      |      |     |     |     |     |    |      |      |     |      |      |      |      |      |     |       |     |     |     |     |
|         | %         |      | days |      | kg    |     | cm   |      | days   |      | kg   |     | sq.cm |      | mm   |      | %        |     | kg/day |      | %     |      | %    |      | %       |      | kg/day |     | %   |      | %   |     | \$   |      |     |      |      |      |      |      |     |       |      |      |      |      |      |      |      |      |     |     |     |     |     |      |      |     |      |      |      |      |      |     |       |      |      |      |      |      |      |      |      |     |     |     |     |     |      |      |     |      |      |      |      |      |     |       |      |      |      |      |      |      |      |      |     |     |     |     |     |      |      |     |      |      |      |      |      |    |       |      |      |      |      |      |      |      |      |     |     |     |     |     |      |      |     |      |      |      |      |      |    |       |      |     |      |      |      |      |      |      |     |     |     |     |     |      |      |     |      |      |      |      |      |    |       |     |     |      |      |      |      |      |      |     |     |     |     |     |      |      |     |      |      |      |      |      |    |       |     |     |      |      |      |      |      |      |     |     |     |     |     |      |      |     |      |      |      |      |      |    |       |     |     |      |      |      |      |      |      |     |     |     |     |     |      |      |     |      |      |      |      |      |    |       |     |     |     |      |      |      |      |      |     |     |     |     |     |      |      |     |      |      |      |      |      |    |       |     |     |     |     |      |      |      |      |     |     |     |     |     |      |      |     |      |      |      |      |      |    |       |     |     |     |     |      |      |      |      |     |     |     |     |     |      |      |     |      |      |      |      |      |    |       |     |     |     |     |      |      |      |      |     |     |     |     |     |      |      |     |      |      |      |      |      |    |       |     |     |     |     |      |      |      |      |     |     |     |     |     |      |      |     |      |      |      |      |      |    |       |     |     |     |     |      |      |      |      |     |     |     |     |     |      |      |     |      |      |      |      |      |    |       |     |     |     |     |      |      |      |      |     |     |     |     |     |      |      |     |      |      |      |      |      |    |       |     |     |     |     |      |      |      |      |     |     |     |     |     |      |      |     |      |      |      |      |      |    |       |     |     |     |     |      |      |      |      |     |     |     |     |     |      |      |     |      |      |      |      |      |    |       |     |     |     |     |      |      |      |      |     |     |     |     |    |      |      |     |      |      |      |      |      |     |       |     |     |     |     |       |      |      |      |     |     |     |     |    |      |      |     |      |      |      |      |      |     |       |     |     |     |     |
| High 1% | +12.4     | +8.4 | -5.7 | -0.8 | +46   | +76 | +110 | +106 | +25    | +3.9 | -5.9 | +75 | +6.6  | +2.1 | +3.0 | +2.4 | +1.9     | +19 | -0.28  | +139 | +137  | +174 | +154 | +9.8 | +6.4    | -3.2 | +0.9   | +42 | +70 | +100 | +95 | +22 | +3.2 | -5.0 | +67 | +5.5 | +1.6 | +2.2 | +1.9 | +1.3 | +15 | -0.18 | +125 | +122 | +151 | +139 | +8.0 | +5.3 | -2.3 | +1.7 | +40 | +66 | +95 | +89 | +21 | +2.9 | -4.4 | +63 | +4.9 | +1.3 | +1.8 | +1.6 | +1.1 | +13 | -0.14 | +117 | +114 | +138 | +129 | +6.8 | +4.6 | -1.9 | +2.3 | +39 | +64 | +91 | +85 | +20 | +2.7 | -4.1 | +60 | +4.6 | +1.2 | +1.6 | +1.5 | +0.9 | +11 | -0.12 | +111 | +107 | +129 | +123 | +5.7 | +4.0 | -1.5 | +2.8 | +38 | +62 | +88 | +82 | +19 | +2.5 | -3.9 | +58 | +4.3 | +1.0 | +1.4 | +1.3 | +0.8 | +9 | -0.10 | +106 | +102 | +122 | +118 | +4.8 | +3.5 | -1.2 | +3.2 | +37 | +60 | +86 | +79 | +18 | +2.4 | -3.6 | +57 | +4.0 | +0.9 | +1.2 | +1.2 | +0.7 | +8 | -0.07 | +102 | +98 | +116 | +113 | +4.0 | +3.0 | -1.0 | +3.5 | +36 | +59 | +84 | +77 | +18 | +2.3 | -3.4 | +55 | +3.8 | +0.8 | +1.1 | +1.1 | +0.6 | +7 | -0.05 | +99 | +95 | +111 | +110 | +3.2 | +2.5 | -0.8 | +3.8 | +35 | +58 | +82 | +74 | +17 | +2.2 | -3.2 | +54 | +3.6 | +0.8 | +0.9 | +1.0 | +0.5 | +6 | -0.04 | +96 | +91 | +106 | +106 | +2.4 | +2.1 | -0.6 | +4.1 | +34 | +56 | +80 | +72 | +17 | +2.1 | -3.0 | +52 | +3.5 | +0.7 | +0.8 | +1.0 | +0.5 | +5 | -0.02 | +92 | +88 | +101 | +103 | +1.7 | +1.7 | -0.4 | +4.4 | +34 | +55 | +79 | +70 | +16 | +2.0 | -2.9 | +51 | +3.3 | +0.6 | +0.7 | +0.9 | +0.4 | +4 | -0.01 | +90 | +85 | +97 | +100 | +1.0 | +1.3 | -0.2 | +4.6 | +33 | +54 | +77 | +68 | +16 | +1.9 | -2.7 | +50 | +3.2 | +0.5 | +0.5 | +0.8 | +0.4 | +3 | +0.00 | +87 | +82 | +93 | +97 | +0.4 | +0.8 | -0.1 | +4.8 | +32 | +53 | +75 | +66 | +15 | +1.8 | -2.5 | +49 | +3.0 | +0.4 | +0.4 | +0.7 | +0.3 | +2 | +0.01 | +84 | +79 | +89 | +93 | -0.3 | +0.4 | +0.1 | +5.1 | +31 | +52 | +73 | +64 | +15 | +1.8 | -2.3 | +47 | +2.9 | +0.3 | +0.3 | +0.6 | +0.2 | +1 | +0.02 | +81 | +76 | +85 | +90 | -0.9 | +0.0 | +0.3 | +5.3 | +31 | +51 | +72 | +61 | +14 | +1.7 | -2.1 | +46 | +2.7 | +0.2 | +0.1 | +0.6 | +0.2 | +0 | +0.04 | +78 | +73 | +81 | +87 | -1.6 | -0.4 | +0.5 | +5.6 | +30 | +49 | +70 | +59 | +14 | +1.6 | -1.9 | +45 | +2.6 | +0.1 | +0.0 | +0.5 | +0.1 | -2 | +0.05 | +75 | +70 | +77 | +84 | -2.4 | -0.9 | +0.7 | +5.8 | +29 | +48 | +67 | +56 | +13 | +1.5 | -1.7 | +43 | +2.4 | +0.0 | -0.1 | +0.4 | +0.0 | -3 | +0.06 | +72 | +67 | +73 | +80 | -3.2 | -1.4 | +0.9 | +6.1 | +28 | +46 | +65 | +53 | +12 | +1.3 | -1.4 | +41 | +2.2 | -0.1 | -0.3 | +0.3 | +0.0 | -5 | +0.07 | +68 | +63 | +68 | +76 | -4.2 | -2.1 | +1.2 | +6.4 | +27 | +44 | +62 | +50 | +12 | +1.2 | -1.2 | +39 | +2.1 | -0.2 | -0.5 | +0.2 | -0.1 | -7 | +0.08 | +64 | +59 | +62 | +72 | -5.6 | -2.9 | +1.5 | +6.8 | +25 | +42 | +59 | +45 | +11 | +1.1 | -0.9 | +37 | +1.8 | -0.4 | -0.7 | +0.0 | -0.2 | -9 | +0.10 | +59 | +54 | +57 | +67 | -7.8 | -4.2 | +2.1 | +7.3 | +23 | +38 | +53 | +38 | +9 | +0.8 | -0.5 | +33 | +1.5 | -0.6 | -1.1 | -0.2 | -0.4 | -14 | +0.12 | +53 | +48 | +48 | +60 | -12.4 | -6.9 | +5.2 | +8.4 | +17 | +29 | +40 | +21 | +6 | +0.3 | +0.2 | +25 | +0.9 | -1.0 | -1.7 | -0.6 | -0.7 | -32 | +0.19 | +40 | +36 | +34 | +46 |

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

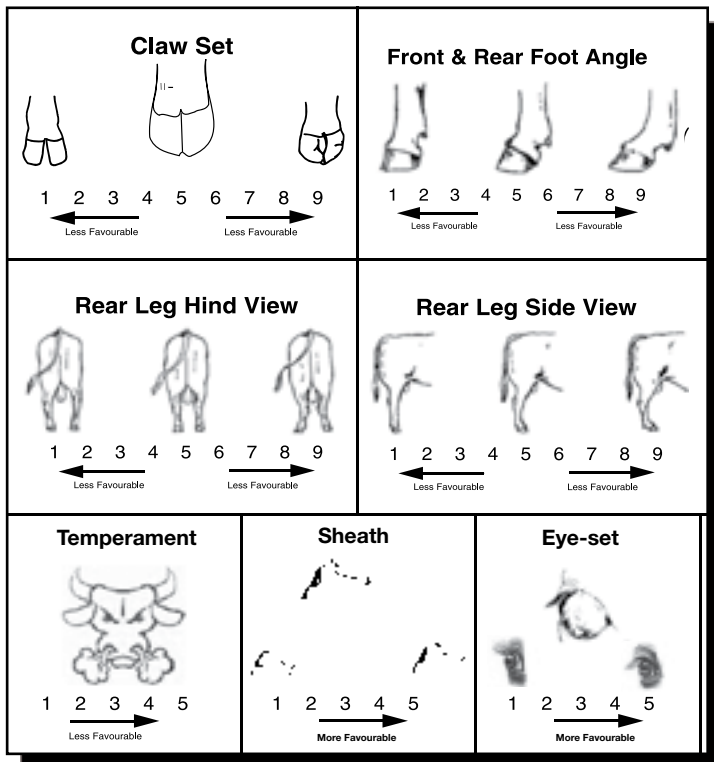
## WIRRUNA POLL HEREFORDS STRUCTURAL PROGRAM:

The 2019 Wurruna Sale Bulls have been independently structurally assessed to maximise the quality of stock on offer. Any animals deemed inadequate have been removed from the sale draft. The Wurruna sale bulls were assessed by **Liam Cardile** of BEEFXCEL on 7th December 2018.

### 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

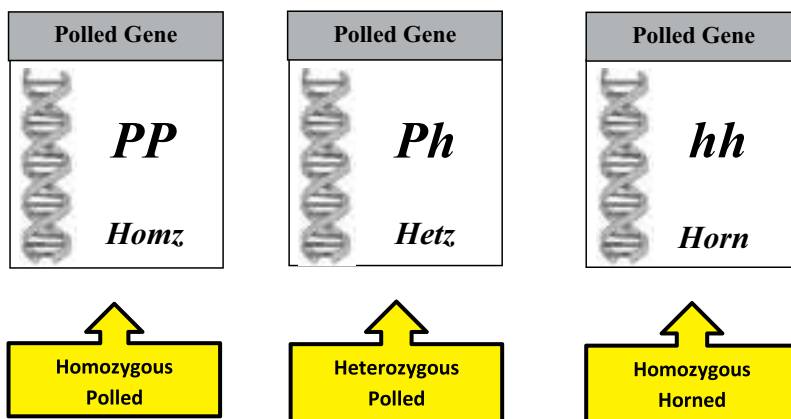
Genomics means the study of the Genome, or genetic make-up of an organism. In recent years, new technologies relating to the actual genes that animals carry have become available to the livestock industries. These include new ways to extract DNA, and run on a SNP (Single Nucleotide Polymorphism) panel 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**  
and Associates

# WIRRUNA GUARANTEE

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 bull's 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.

## What is your obligation?

within 3 months of the bull being taken out of the cows, 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.

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.

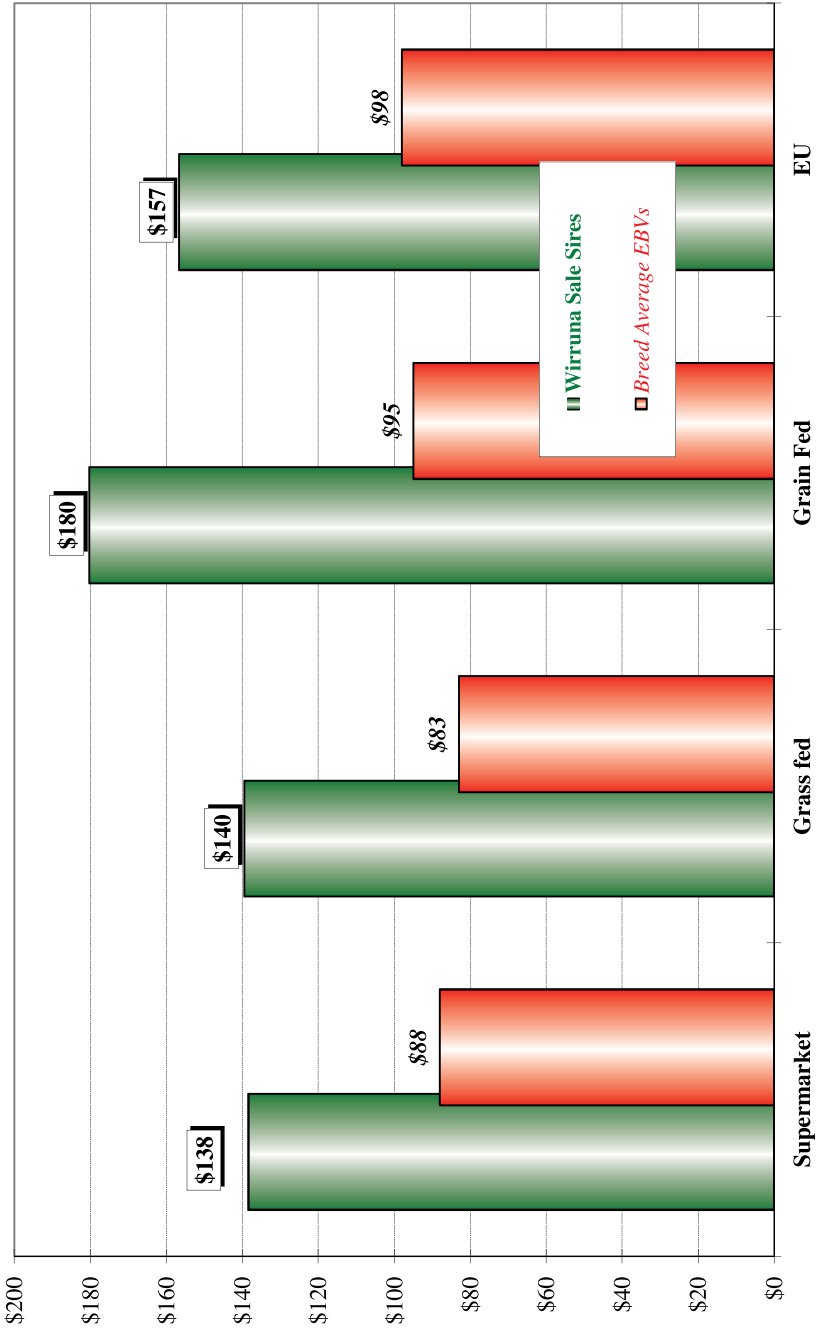
*The Locke Family*



## COMPARISON OF \$INDEX VALUES

*Wirruna Sale Sires vs Overall Breed Average*

EBV (kgs)





**Pen No. 1 (Wirruna Sires)**

Birth Date: 4-Aug-16  
 Society ID: WNAM010  
 Horn/Scurs/Poll: P

- One of the top Hereford calving ease sires - 27 progeny
- A real carcase improver, combining top 5% IMF% with top 1% EMA
- ET calf out of a proven dam, offers milk, longevity & \$Indices in top 1%
- Few bulls can beat this fellow for short gestation length - early born calves

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

*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

KOANUI ROCKET Q334  
 ┌── KOANUI ROCKET 0219  
     KOANUI ANGEL R187

Dam: **WIRRUNA CORA D9 (WNA9D9)**  
 ┌── MOUNT DIFFICULT FELLIS Y12 (AI)  
     WIRRUNA CORA B38  
     WIRRUNA CORA U68



Jan 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>+13.9</b>         | <b>+10.5</b>          | <b>-7.1</b>             | <b>-1.4</b>  | +32               | +56            | +67            | +36            | <b>+23</b>   |
| 66%                  | 52%                   | 69%                     | 88%          | 78%               | 76%            | 78%            | 71%            | 64%          |

| FERTILITY         |                 | CARCASE     |             |              |               |             |             |          |
|-------------------|-----------------|-------------|-------------|--------------|---------------|-------------|-------------|----------|
| 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>-5.2</b>     | <b>+66</b>  | <b>+6.9</b> | <b>+1.1</b>  | +1.0          | <b>+1.7</b> | <b>+1.7</b> | +5       |
| 79%               | 49%             | 66%         | 60%         | 62%          | 65%           | 60%         | 62%         | 61%      |

| STRUCTURAL ASSESSMENT |   |   |   |   |   |   | 28-Sep-18 | Temp. |
|-----------------------|---|---|---|---|---|---|-----------|-------|
|                       |   |   |   |   |   |   |           |       |
| 6                     | 7 | 6 | 6 | 5 | 5 | 4 | 41        | 2     |

| INDEX VALUE  |              |              |              | Polled Gene | Maturity | Mus Score | EYES |             |
|--------------|--------------|--------------|--------------|-------------|----------|-----------|------|-------------|
| Supermarket  | Grass Fed    | Grain Fed    | EU Index     |             | Mid      | C+        |      | Eye Pigment |
| <b>\$137</b> | <b>\$140</b> | <b>\$177</b> | <b>\$157</b> |             |          |           |      | 100/100     |

Purchaser \_\_\_\_\_

Price \_\_\_\_\_





Pen No. 1 (Wirruna Sires)

Birth Date: 12-Aug-16  
 Society ID: WNAM126  
 Horn/Scurs/Poll: P

- Wirruna sire with long & smooth body siring 23 'P' calves
- A true curve-bending growth profile with exceptional \$Index values
- Dam selected as donor cow due to her neat udder & proven calf raising record
- Appreciate his docility, calving ease, strong marbling & high-end fertility traits  
 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

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

*Easy-calve*



Jan 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>+9.1</b>          | <b>+7.6</b>           | <b>-4.3</b>             | <b>+1.6</b>  | <b>+38</b>        | <b>+62</b>     | <b>+90</b>     | +71            | +17          |
| 62%                  | 51%                   | 77%                     | 87%          | 77%               | 75%            | 77%            | 71%            | 60%          |

| FERTILITY         |                 | CARCASE     |             |              |               |             |             |            |
|-------------------|-----------------|-------------|-------------|--------------|---------------|-------------|-------------|------------|
| Scrotal Size (cm) | Days to Calving | Carc Weight | EMA (sq cm) | Rib Fat (mm) | Rump Fat (mm) | RBV (%)     | IMF (%)     | Docility   |
| <b>+2.9</b>       | <b>-4.9</b>     | <b>+73</b>  | <b>+5.0</b> | +0.7         | +1.2          | <b>+1.4</b> | <b>+1.6</b> | <b>+15</b> |
| 79%               | 46%             | 63%         | 56%         | 58%          | 62%           | 57%         | 59%         | 57%        |

| STRUCTURAL ASSESSMENT |  |  |  |  |  |  | 28-Sep-18 | Temp. |
|-----------------------|--|--|--|--|--|--|-----------|-------|
|                       |  |  |  |  |  |  | 1-Oct-18  |       |

| \$INDEX VALUE |              |              |              | Polled Gene | Maturity   | Mus Score | EYES |                    |
|---------------|--------------|--------------|--------------|-------------|------------|-----------|------|--------------------|
| Supermarket   | Grass Fed    | Grain Fed    | EU Index     | <b>PP</b>   | <i>Mid</i> | <b>C+</b> |      | <i>Eye Pigment</i> |
| <b>\$145</b>  | <b>\$144</b> | <b>\$178</b> | <b>\$163</b> | <i>Homz</i> |            |           |      | <b>100/100</b>     |

Purchaser \_\_\_\_\_

Price \_\_\_\_\_

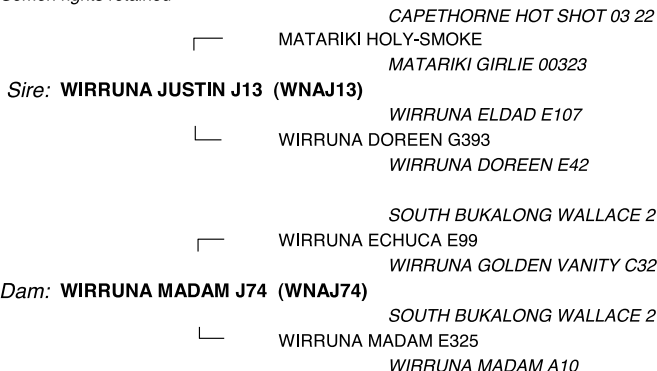


**Pen No. 1 (Wirruna Sires)**

Birth Date: 13-Aug-16  
 Society ID: WNAM154  
 Horn/Scurs/Poll: P

- An excellent easy-doing, sound & proven Justin son
- A leading bull for the fat traits to boost finishing & female fertility traits
- Combines carcass quality & quantity - top 5% EMA & top 1% IMF%
- Strong fertility traits contribute to the high \$Index values (top 1%)

50% Semen rights retained



Jan 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 |
| -4.6                 | <b>+5.7</b>           | <b>-2.9</b>             | +3.9         | <b>+42</b>        | <b>+67</b>     | <b>+92</b>     | +49            | +15          |
| 67%                  | 49%                   | 77%                     | 86%          | 77%               | 75%            | 77%            | 70%            | 56%          |

| 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>-5.6</b>     | <b>+66</b>  | <b>+5.8</b> | <b>+2.8</b>  | <b>+4.0</b>   | +0.3    | <b>+2.0</b> | +7       |
| 79%               | 47%             | 64%         | 57%         | 61%          | 64%           | 57%     | 62%         | 56%      |

| STRUCTURAL ASSESSMENT |   |   |   |   |   |   | 28-Sep-18      | Temp. |
|-----------------------|---|---|---|---|---|---|----------------|-------|
|                       |   |   |   |   |   |   |                |       |
| 6                     | 6 | 5 | 6 | 5 | 5 | 4 | 1-Oct-18<br>38 | 2     |

| INDEX VALUE  |              |              |              | Polled Gene       | Maturity | Mus Score | EYES |                        |
|--------------|--------------|--------------|--------------|-------------------|----------|-----------|------|------------------------|
| Supermarket  | Grass Fed    | Grain Fed    | EU Index     | <b>PP</b><br>Homz | Mid      | C+        |      | Eye Pigment<br>100/100 |
| <b>\$137</b> | <b>\$137</b> | <b>\$180</b> | <b>\$151</b> |                   |          |           | 4    |                        |

Purchaser \_\_\_\_\_

Price \_\_\_\_\_



Pen No. 1 (Wirruna Sires)

Birth Date: 13-Aug-16  
 Society ID: WNAM175  
 Horn/Scurs/Poll: P

- The standout Justin son with curve-bending growth
- I like his stretchy body, conformation & clean front-end - proven with 15 progeny
- High value carcass boosting attributes - top 1% CWT, EMA & top 5% IMF% EBVs
- In the top 20 '2016 born' bulls for \$Index values -high profit EBVs

'Star Lot', 50% Semen rights retained

┌ CAPETHORNE HOT SHOT 03 22  
 └ MATARIKI HOLY-SMOKE  
 MATARIKI GIRLIE 00323

Sire: WIRRUNA JUSTIN J13 (WNAJ13)

┌ WIRRUNA ELDAD E107  
 └ WIRRUNA DOREEN G393  
 WIRRUNA DOREEN E42

┌ SOUTH BUKALONG WALLACE 2  
 └ WIRRUNA FORT F382  
 MOUNT DIFFICULT LORNA B123

Dam: WIRRUNA LORNA J413 (WNAJ413)

┌ MOUNT DIFFICULT ACCURATE (AI)  
 └ MOUNT DIFFICULT LORNA C11  
 MOUNT DIFFICULT LORNA A65

Easy-calve



Jan 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 |
| +4.0                 | <b>+4.1</b>           | <b>-4.0</b>             | <b>+2.8</b>  | <b>+43</b>        | <b>+76</b>     | <b>+94</b>     | +60            | +14          |
| 60%                  | 45%                   | 76%                     | 85%          | 76%               | 74%            | 77%            | 69%            | 54%          |

| FERTILITY         |                 | CARCASS     |             |              |               |         |             |            |
|-------------------|-----------------|-------------|-------------|--------------|---------------|---------|-------------|------------|
| Scrotal Size (cm) | Days to Calving | Carc Weight | EMA (sq cm) | Rib Fat (mm) | Rump Fat (mm) | RBV (%) | IMF (%)     | Dockity    |
| <b>+2.5</b>       | <b>-5.6</b>     | <b>+82</b>  | <b>+7.3</b> | <b>+1.9</b>  | <b>+2.5</b>   | +1.2    | <b>+1.5</b> | <b>+11</b> |
| 78%               | 45%             | 63%         | 56%         | 59%          | 62%           | 55%     | 60%         | 55%        |

| STRUCTURAL ASSESSMENT |   |   |   |   |   |   | 28-Sep-18      | Temp. |
|-----------------------|---|---|---|---|---|---|----------------|-------|
|                       |   |   |   |   |   |   |                |       |
| 6                     | 5 | 5 | 6 | 5 | 5 | 4 | 1-Oct-18<br>40 | 1     |

| INDEX VALUE  |              |              |              | Polled Gene       | Maturity | Mus Score | EYES |             |
|--------------|--------------|--------------|--------------|-------------------|----------|-----------|------|-------------|
| Supermarket  | Grass Fed    | Grain Fed    | EU Index     |                   |          |           |      | Eye Pigment |
| <b>\$149</b> | <b>\$149</b> | <b>\$185</b> | <b>\$166</b> | <b>PP</b><br>Homz | Mid      | C+        |      | 100/100     |
|              |              |              |              |                   |          |           | 4    |             |

Purchaser \_\_\_\_\_

Price \_\_\_\_\_



Pen No. 1 (Wirruna Sires)

Birth Date: 16-Aug-16  
 Society ID: WNAM214  
 Horn/Scurs/Poll: P

- WITHDRAWN FROM SALE
- 
- 
- 

ALLENDALE PUNTER 3  
 ┌ ALLENDALE YACKA  
   ALLENDALE FLORRIE Z33

Sire: ALLENDALE ANZAC E114 (AEDE114)  
       ALLENDALE NATIONAL W168  
       └ ALLENDALE DAWN B22 (AI) (ET)  
         ALLENDALE DAWN T60 (AI)

SCHU-LAR 5N OF 9L 3008 (IMP)  
 ┌ SCHU-LAR ON TARGET 22S (IMP)  
   SCHU-LAR 208 OF 1H 121 ET

Dam: WIRRUNA GOLDEN VANITY J102 (WNAJ102)  
       SOUTH BUKALONG WALLACE 2  
       └ WIRRUNA GOLDEN VANITY F7  
         WIRRUNA GOLDEN VANITY D229

*Easy-calve*



Jan 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>+7.1</b>          | <b>+4.3</b>           | <b>-1.5</b>             | <b>+2.3</b>  | <b>+38</b>        | <b>+69</b>     | <b>+91</b>     | +66            | +18          |
| 53%                  | 46%                   | 76%                     | 76%          | 71%               | 71%            | 74%            | 68%            | 58%          |

| FERTILITY         |                 | CARCASE     |             |              |               |         |             |            |
|-------------------|-----------------|-------------|-------------|--------------|---------------|---------|-------------|------------|
| Scrotal Size (cm) | Days to Calving | Carc Weight | EMA (sq cm) | Rib Fat (mm) | Rump Fat (mm) | RBY (%) | IMF (%)     | Dockity    |
| <b>+4.9</b>       | <b>-4.3</b>     | <b>+72</b>  | <b>+6.2</b> | <b>+1.1</b>  | <b>+1.5</b>   | +0.7    | <b>+1.6</b> | <b>+11</b> |
| 77%               | 40%             | 62%         | 55%         | 59%          | 62%           | 57%     | 58%         | 54%        |

| STRUCTURAL ASSESSMENT |   |   |   |   |   |   | 28-Sep-18 | Temp. |
|-----------------------|---|---|---|---|---|---|-----------|-------|
|                       |   |   |   |   |   |   | 1-Oct-18  |       |
| 5                     | 5 | 5 | 6 | 4 | 5 | 4 | 41        | 1     |

| SINDEX VALUE |              |              |              | Polled Gene | Maturity   | Mus Score | EYES |                    |
|--------------|--------------|--------------|--------------|-------------|------------|-----------|------|--------------------|
| Supermarket  | Grass Fed    | Grain Fed    | EU Index     | <b>PP</b>   | <i>Mid</i> | <b>C+</b> |      | <i>Eye Pigment</i> |
| <b>\$141</b> | <b>\$140</b> | <b>\$176</b> | <b>\$157</b> | <i>Homz</i> |            |           | 4    | 100/100            |

Purchaser \_\_\_\_\_

Price \_\_\_\_\_



Pen No. 1 (WIRRUNA Sires)

Birth Date: 29-Aug-16  
 Society ID: WNAM404  
 Horn/Scurs/Poll: P

- WITHDRAWN FROM SALE
- 
- 
- 

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  
  
   MARKOWEN INTRUDER  
 ┌ WIRRUNA CANDIDATE C118  
   WIRRUNA FLORA Z267  
 Dam: WIRRUNA CORA E319 (WNAE319)  
   MOUNT DIFFICULT FELLIS Y12 (AI)  
 ┌ WIRRUNA CORA B38  
   WIRRUNA CORA U68

*Easy-calve*



Jan 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>          | +3.0                  | -0.2                    | +3.9         | +37               | <b>+68</b>     | <b>+91</b>     | +67            | +14          |
| 58%                  | 41%                   | 65%                     | 85%          | 76%               | 74%            | 76%            | 68%            | 59%          |

| FERTILITY         |                 | CARCASE     |             |              |               |         |             |          |
|-------------------|-----------------|-------------|-------------|--------------|---------------|---------|-------------|----------|
| Scrotal Size (cm) | Days to Calving | Carc Weight | EMA (sq cm) | Rib Fat (mm) | Rump Fat (mm) | RBY (%) | IMF (%)     | Docility |
| <b>+2.7</b>       | <b>-5.5</b>     | <b>+72</b>  | <b>+9.4</b> | <b>+1.8</b>  | <b>+2.0</b>   | +1.2    | <b>+2.3</b> | -4       |
| 78%               | 39%             | 62%         | 54%         | 57%          | 61%           | 54%     | 57%         | 59%      |

| STRUCTURAL ASSESSMENT |       |   |      |   |       |   | 28-Sep-18 | Temp. |
|-----------------------|-------|---|------|---|-------|---|-----------|-------|
|                       | Front |   | Back |   | Front |   | Back      |       |
| 6                     | 5     | 5 | 5    | 5 | 5     | 4 | 1-Oct-18  | 38    |
|                       |       |   |      |   |       |   |           | 2     |

| INDEX VALUE  |              |              |              | Polled Gene | Maturity    | Mus Score | EYES |                    |
|--------------|--------------|--------------|--------------|-------------|-------------|-----------|------|--------------------|
| Supermarket  | Grass Fed    | Grain Fed    | EU Index     | <b>PP</b>   | <i>Late</i> | <b>B-</b> |      | <i>Eye Pigment</i> |
| <b>\$150</b> | <b>\$151</b> | <b>\$200</b> | <b>\$171</b> | <i>Homz</i> |             |           | 4    | 100/100            |

Purchaser \_\_\_\_\_

Price \_\_\_\_\_



Pen No. 1 (Wirruna Sires)

Birth Date: 29-Aug-16  
 Society ID: WNAM417  
 Horn/Scurs/Poll: P

- Easy-fleshing sire used over heifers at Wirruna
- Offers superior carcase attributes - top 1% ranking for marbling
- Capture his all important & strong fertility traits with good SS & top 1% DtC EBVs
- Dam has great udder - her next calf has also been chosen as a Wirruna Sire (N449)

50% Semen rights retained

CAPETHORNE HOT SHOT 03 22

┌ MATARIKI HOLY-SMOKE

MATARIKI GIRLIE 00323

Sire: **WIRRUNA KEITH K169 (WNAK169)**

MOUNT DIFFICULT FELLIS Y12 (AI)

┌ WIRRUNA DIDO F397

SOUTH BUKALONG DIDO 65

STUDBROOK D'ARTAGNION V086 (AI) (ET)

┌ OTAPAWA SPARK 3060 (IMP)

OTAPAWA SPOT P30

Dam: **WIRRUNA VICTORIA J199 (WNAJ199)**

SOUTH BUKALONG UNGAR 8

┌ SOUTH BUKALONG VICTORIA 236

SOUTH BUKALONG VICTORIA 200



Jan 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 |
| -0.1                 | -2.8                  | <b>-2.1</b>             | <b>+2.7</b>  | +35               | +58            | +78            | +68            | <b>+19</b>   |
| 62%                  | 45%                   | 62%                     | 86%          | 74%               | 71%            | 75%            | 66%            | 51%          |

| FERTILITY         |                 | CARCASE     |             |              |               |         |             |          |
|-------------------|-----------------|-------------|-------------|--------------|---------------|---------|-------------|----------|
| Scrotal Size (cm) | Days to Calving | Carc Weight | EMA (sq cm) | Rib Fat (mm) | Rump Fat (mm) | RBY (%) | IMF (%)     | Docility |
| <b>+3.2</b>       | <b>-6.4</b>     | <b>+66</b>  | <b>+6.0</b> | <b>+1.9</b>  | <b>+2.8</b>   | +0.1    | <b>+2.4</b> | -7       |
| 76%               | 40%             | 58%         | 50%         | 54%          | 57%           | 52%     | 52%         | 45%      |

| STRUCTURAL ASSESSMENT |  |  |  |  |  |  | 28-Jan-19 | Temp. |
|-----------------------|--|--|--|--|--|--|-----------|-------|
|                       |  |  |  |  |  |  |           |       |

| INDEX VALUE  |              |              |              | Polled Gene       | Maturity | Mus Score | EYES |             |
|--------------|--------------|--------------|--------------|-------------------|----------|-----------|------|-------------|
| Supermarket  | Grass Fed    | Grain Fed    | EU Index     |                   |          |           |      | Eye Pigment |
| <b>\$122</b> | <b>\$123</b> | <b>\$166</b> | <b>\$140</b> | <b>PP</b><br>Homz | Mid      | C+        |      | 100/100     |

Purchaser \_\_\_\_\_

Price \_\_\_\_\_



**Pen No. 1 (Wirruna Sires)**

Birth Date: 30-Aug-16  
 Society ID: WNAM433  
 Horn/Scurs/Poll: P

- A shapely X51 son with semen exported to UK
- Few bulls offer such carcase boosting traits - top 1% EMA & IMF%
- Features excellent calving ease, good muscle & conformation
- Dam is top Donor cow with 3 other sons used as sires at Wirruna

50% Semen rights retained

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  
  
       MARKOWEN INTRUDER  
 ┌ WIRRUNA CANDIDATE C118  
   WIRRUNA FLORA Z267  
 Dam: **WIRRUNA CORA E319 (WNAE319)**  
       MOUNT DIFFICULT FELLIS Y12 (AI)  
 ┌ WIRRUNA CORA B38  
   WIRRUNA CORA U68

*Easy-calve*



Jan 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>+12.4</b>         | <b>+4.7</b>           | +0.4                    | <b>+0.1</b>  | +22               | +49            | +58            | +31            | +11          |
| 57%                  | 41%                   | 65%                     | 83%          | 75%               | 73%            | 72%            | 65%            | 58%          |

| FERTILITY         |                 | CARCASE     |             |              |               |         |             |          |
|-------------------|-----------------|-------------|-------------|--------------|---------------|---------|-------------|----------|
| Scrotal Size (cm) | Days to Calving | Carc Weight | EMA (sq cm) | Rib Fat (mm) | Rump Fat (mm) | RBV (%) | IMF (%)     | Docility |
| <b>+2.9</b>       | <b>-5.1</b>     | +54         | <b>+9.1</b> | <b>+2.0</b>  | <b>+2.2</b>   | +1.0    | <b>+2.4</b> | -4       |
| 78%               | 39%             | 59%         | 54%         | 57%          | 60%           | 54%     | 57%         | 59%      |

| STRUCTURAL ASSESSMENT |   |   |   |   |   |   | 28-Sep-18      | Temp. |
|-----------------------|---|---|---|---|---|---|----------------|-------|
|                       |   |   |   |   |   |   |                |       |
| 6                     | 6 | 5 | 6 | 5 | 5 | 4 | 1-Oct-18<br>39 | 3     |

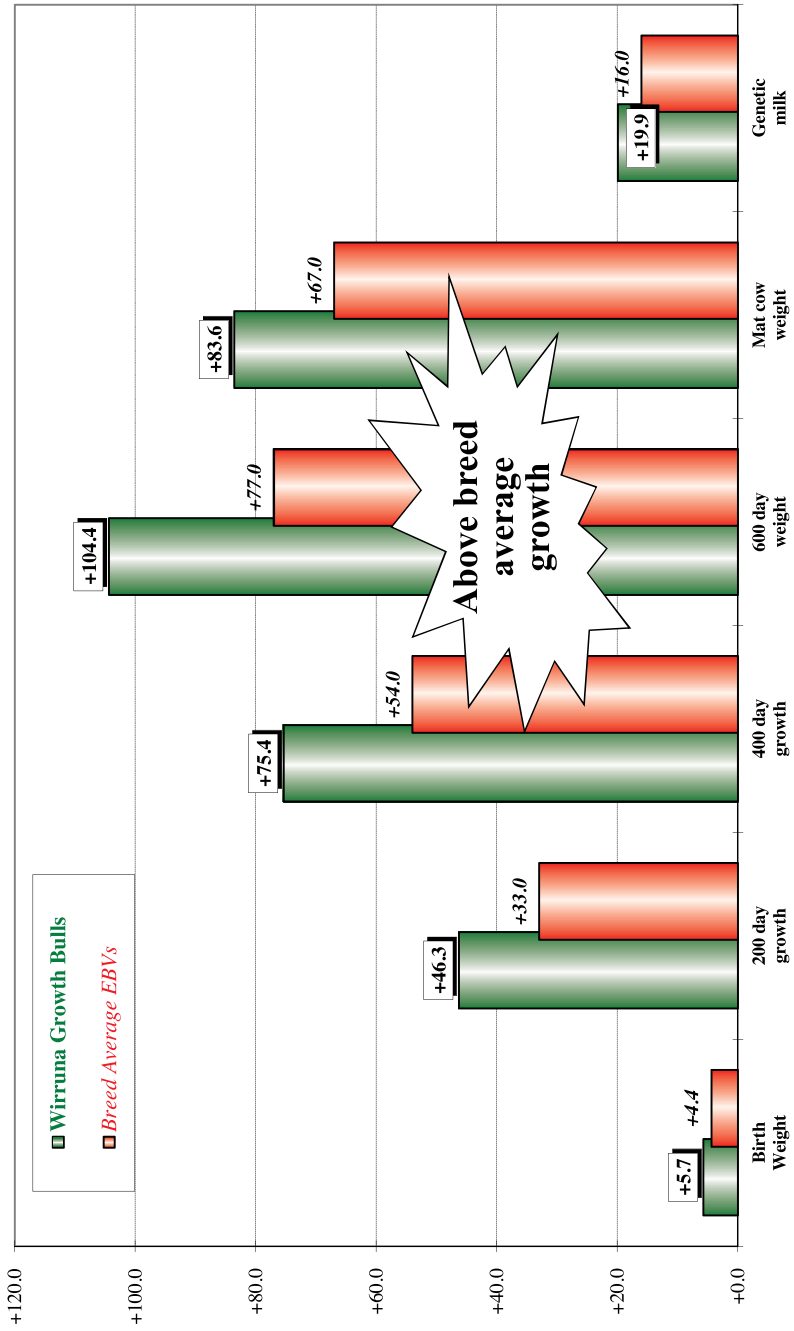
| INDEX VALUE  |              |              |              | Polled Gene       | Maturity | Mus Score | EYES |             |
|--------------|--------------|--------------|--------------|-------------------|----------|-----------|------|-------------|
| Supermarket  | Grass Fed    | Grain Fed    | EU Index     |                   |          |           |      | Eye Pigment |
| <b>\$126</b> | <b>\$132</b> | <b>\$180</b> | <b>\$148</b> | <b>PP</b><br>Homz | Mid      | C+        |      | 100/100     |
|              |              |              |              |                   |          |           | 4    |             |

Purchaser \_\_\_\_\_

Price \_\_\_\_\_

## COMPARISON OF GROWTH EBV'S Growth Bulls vs Overall Breed Average

EBV (kgs)







Pen No. 7 (Growth Bulls)

Birth Date: 8-Aug-17  
 Society ID: WNaN039  
 Horn/Scurs/Poll: P

- WITHDRAWN FROM SALE
- 
- 
- 

ALLENDALE PUNTER 3  
 ┌ ALLENDALE YACKA  
   ALLENDALE FLORRIE Z33

Sire: ALLENDALE ANZAC E114 (AEDE114)  
       ALLENDALE NATIONAL W168  
       └ ALLENDALE DAWN B22 (AI) (ET)  
         ALLENDALE DAWN T60 (AI)

SOUTH BUKALONG WALLACE 2  
 ┌ WIRRUNA FORT F382  
   MOUNT DIFFICULT LORNA B123

Dam: WIRRUNA DOREEN H287 (WNAH287)  
       WIRRUNA DARKIE D66  
       └ WIRRUNA DOREEN F373  
         WIRRUNA DOREEN D371



Jan 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 |
| -7.2                 | -2.4                  | -0.5                    | +9.6         | <b>+54</b>        | <b>+88</b>     | <b>+128</b>    | <b>+104</b>    | <b>+21</b>   |
| 55%                  | 48%                   | 67%                     | 74%          | 70%               | 70%            | 70%            | 65%            | 61%          |

| FERTILITY         |                 | CARCASE     |             |              |               |             |             |           |
|-------------------|-----------------|-------------|-------------|--------------|---------------|-------------|-------------|-----------|
| Scrotal Size (cm) | Days to Calving | Carc Weight | EMA (sq cm) | Rib Fat (mm) | Rump Fat (mm) | RBV (%)     | IMF (%)     | Docity    |
| <b>+3.7</b>       | -2.7            | <b>+79</b>  | <b>+5.5</b> | +0.2         | +0.0          | <b>+1.6</b> | <b>+1.1</b> | <b>+9</b> |
| 78%               | 43%             | 61%         | 56%         | 59%          | 63%           | 58%         | 60%         | 58%       |

| STRUCTURAL ASSESSMENT |   |   |   |   |   |   | 7-Dec-18 | Temp. |
|-----------------------|---|---|---|---|---|---|----------|-------|
|                       |   |   |   |   |   |   |          |       |
| 5                     | 6 | 5 | 5 | 5 | 5 | 3 | 40       | 2     |

| INDEX VALUE  |              |              |              | Polled Gene | Maturity | Mus Score | EYES |             |
|--------------|--------------|--------------|--------------|-------------|----------|-----------|------|-------------|
| Supermarket  | Grass Fed    | Grain Fed    | EU Index     |             | Mid      | B-        |      | Eye Pigment |
| <b>\$127</b> | <b>\$118</b> | <b>\$149</b> | <b>\$138</b> |             |          |           |      | 4           |

Purchaser \_\_\_\_\_

Price \_\_\_\_\_



Pen No. 7 (Growth Bulls)

Birth Date: 9-Aug-17

Society ID: WNAN051

Horn/Scurs/Poll: P

- Dark-coated, panda eyes & excellent hindquarter
- The top eye muscle area at scanning - top 1% CWT, top %% EMA & IMF% EBVs
- I like this fellows top 5% early growth traits, from top 15% CE traits
- Among the top 5 'N Bulls' for short gestation length

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  
 CAPETHORNE HOT SHOT 03 22  
 ┌ MATARIKI HOLY-SMOKE  
 MATARIKI GIRLIE 00323  
 Dam: WIRRUNA BANDANA L51 (WNAL51)  
 WIRRUNA GRAFTON G388  
 ┌ WIRRUNA BANDANA J458  
 WIRRUNA BANDANA G94

*Easy-calve*



Jan 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>+5.9</b>           | <b>-7.0</b>             | <b>+2.0</b>  | <b>+43</b>        | <b>+71</b>     | <b>+93</b>     | +65            | <b>+20</b>   |
| 52%                  | 44%                   | 76%                     | 73%          | 69%               | 69%            | 68%            | 63%            | 58%          |

| FERTILITY         |                 | CARCASE     |             |              |               |             |             |        |
|-------------------|-----------------|-------------|-------------|--------------|---------------|-------------|-------------|--------|
| Scrotal Size (cm) | Days to Calving | Carc Weight | EMA (sq cm) | Rib Fat (mm) | Rump Fat (mm) | RBY (%)     | IMF (%)     | Docity |
| +1.7              | <b>-4.7</b>     | <b>+79</b>  | <b>+6.5</b> | +0.7         | +0.3          | <b>+1.6</b> | <b>+1.8</b> | +7     |
| 78%               | 45%             | 61%         | 57%         | 60%          | 63%           | 57%         | 59%         | 55%    |

| STRUCTURAL ASSESSMENT |   |   |   |   |   | 7-Dec-18 | Temp. |
|-----------------------|---|---|---|---|---|----------|-------|
|                       |   |   |   |   |   |          |       |
| 6                     | 6 | 5 | 6 | 5 | 5 | 4        | 36    |
|                       |   |   |   |   |   |          |       |
|                       |   |   |   |   |   |          | 2     |

| INDEX VALUE  |              |              |              | Polled Gene       | Maturity | Mus Score | EYES |             |
|--------------|--------------|--------------|--------------|-------------------|----------|-----------|------|-------------|
| Supermarket  | Grass Fed    | Grain Fed    | EU Index     |                   |          |           |      | Eye Pigment |
| <b>\$145</b> | <b>\$144</b> | <b>\$184</b> | <b>\$164</b> | <b>Ph</b><br>Hetz | Mid      | C+        |      | 100/100     |
|              |              |              |              |                   |          |           | 4    |             |

Purchaser \_\_\_\_\_

Price \_\_\_\_\_



Pen No. 7 (Growth Bulls)

Birth Date: 10-Aug-17  
 Society ID: WNaN075  
 Horn/Scurs/Poll: P

- A new sire line - Oozes natural growth & frame
- One of the heaviest bulls in the catalogue - Top 1 % growth traits
- Large testicles & strong fertility traits - top 1% SS & top 5% DtC EBVs
- A genetic dehorner with top 5% for 3 of 4 \$Index values - for mature cows

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

VALMA MERCHANT

┌ YAVENVALE GURU  
 YAVENVALE TREASURE D403

Dam: **WIRRUNA LORNA K126 (WNAK126)**  
 WIRRUNA CALLAN C26

┌ WIRRUNA LORNA G370  
 MOUNT DIFFICULT LORNA B123



Jan 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                 | +1.3                  | <b>-3.9</b>             | +6.9         | <b>+47</b>        | <b>+83</b>     | <b>+117</b>    | <b>+121</b>    | +16          |
| 48%                  | 37%                   | 75%                     | 73%          | 68%               | 68%            | 68%            | 63%            | 53%          |

| FERTILITY         |                 | CARCASE     |             |              |               |         |         |         |
|-------------------|-----------------|-------------|-------------|--------------|---------------|---------|---------|---------|
| Scrotal Size (cm) | Days to Calving | Carc Weight | EMA (sq cm) | Rib Fat (mm) | Rump Fat (mm) | RBY (%) | IMF (%) | Dockity |
| <b>+3.9</b>       | <b>-5.5</b>     | <b>+76</b>  | +3.8        | +0.8         | <b>+1.5</b>   | +0.6    | +0.4    | -8      |
| 77%               | 37%             | 58%         | 53%         | 56%          | 60%           | 54%     | 57%     | 47%     |

| STRUCTURAL ASSESSMENT |   |   |   |   |   | 7-Dec-18 | Temp. |
|-----------------------|---|---|---|---|---|----------|-------|
|                       |   |   |   |   |   |          |       |
| 6                     | 6 | 5 | 6 | 5 | 5 | 3        | 41    |
|                       |   |   |   |   |   |          | 2     |

| \$INDEX VALUE |              |              |              | Polled Gene | Maturity    | Mus Score | EYES |                    |
|---------------|--------------|--------------|--------------|-------------|-------------|-----------|------|--------------------|
| Supermarket   | Grass Fed    | Grain Fed    | EU Index     | <b>PP</b>   | <i>Late</i> | <b>C+</b> |      | <i>Eye Pigment</i> |
| <b>\$134</b>  | <b>\$125</b> | <b>\$140</b> | <b>\$145</b> | <i>Homz</i> |             |           | 3    | 90/95              |

Purchaser \_\_\_\_\_

Price \_\_\_\_\_

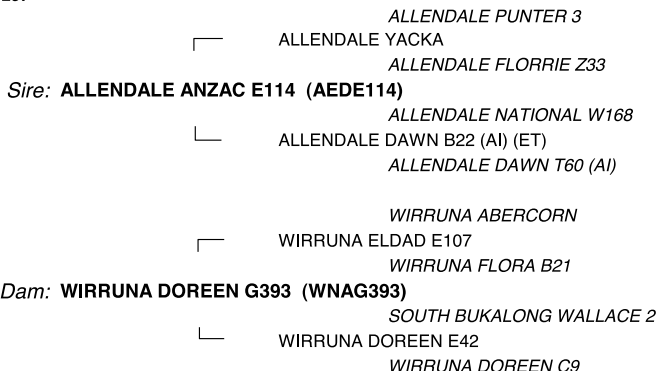


Pen No. 7 (Growth Bulls)

Birth Date: 10-Aug-17  
 Society ID: WNAN077  
 Horn/Scurs/Poll: P

- Nice phenotype - outstanding bull with long, well-shaped body
- Out of Justin's Dam - Strong milk genetics
- Puts together short gestation (top 5% GL) & strong fertility (top 1% SS)
- Top 5% ranking for the growth traits & \$Indices

'Star Lot'



Jan 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 |
| +4.1                 | +3.6                  | <b>-4.8</b>             | +5.4         | <b>+44</b>        | <b>+75</b>     | <b>+103</b>    | <b>+83</b>     | <b>+19</b>   |
| 56%                  | 49%                   | 77%                     | 74%          | 70%               | 70%            | 70%            | 66%            | 61%          |

| 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>       | <b>-4.1</b>     | <b>+71</b>  | <b>+5.3</b> | <b>+1.0</b>  | <b>+1.5</b>   | +1.0    | <b>+1.0</b> | <b>+13</b> |
| 79%               | 44%             | 62%         | 58%         | 60%          | 64%           | 59%     | 61%         | 58%        |

| STRUCTURAL ASSESSMENT |   |   |   |   |   |   | 7-Dec-18 | Temp. |
|-----------------------|---|---|---|---|---|---|----------|-------|
|                       |   |   |   |   |   |   |          |       |
| 6                     | 6 | 6 | 6 | 5 | 5 | 4 | 40       | 2     |

| INDEX VALUE  |              |              |              | Polled Gene | Maturity   | Mus Score | EYES |             |
|--------------|--------------|--------------|--------------|-------------|------------|-----------|------|-------------|
| Supermarket  | Grass Fed    | Grain Fed    | EU Index     | <b>Ph</b>   | <b>Mid</b> | <b>C+</b> |      | Eye Pigment |
| <b>\$139</b> | <b>\$134</b> | <b>\$161</b> | <b>\$153</b> | Hetz        |            |           | 4    | 100/100     |

Purchaser \_\_\_\_\_

Price \_\_\_\_\_



Pen No. 7 (Growth Bulls)

Birth Date: 11-Aug-17  
 Society ID: WNAN094  
 Horn/Scurs/Poll: P

- Long & attractive Fletcher son out of a respected cow
- Amongst the heaviest calves at weaning - Top 1 % 200D growth
- Also benefits from top 1% CWT, top 5% EMA & IMF% for valuable MSA carcasses
- Overall balance of favourable traits achieving top 1% ranking for all 4 \$Indices

'Star Lot'

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 SHAW 3  
 SOUTH BUKALONG SHANNON 40  
 SOUTH BUKALONG PETAL 88

Dam: **WIRRUNA CLARA F438 (WNAF438)**  
 MOUNT DIFFICULT FELLIS Y12 (AI)  
 PINE HILL CLARA B585  
 PINE HILL CLARA V90



Jan 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                 | <b>+6.0</b>           | <b>-5.8</b>             | +5.0         | <b>+48</b>        | <b>+74</b>     | <b>+101</b>    | <b>+83</b>     | +17          |
| 54%                  | 46%                   | 77%                     | 74%          | 70%               | 70%            | 69%            | 65%            | 61%          |

| FERTILITY         |                 | CARCASS     |             |              |               |             |             |         |
|-------------------|-----------------|-------------|-------------|--------------|---------------|-------------|-------------|---------|
| Scrotal Size (cm) | Days to Calving | Carc Weight | EMA (sq cm) | Rib Fat (mm) | Rump Fat (mm) | RBY (%)     | IMF (%)     | Dockity |
| +1.6              | <b>-5.5</b>     | <b>+76</b>  | <b>+5.5</b> | +0.4         | -0.5          | <b>+1.4</b> | <b>+1.7</b> | -14     |
| 78%               | 47%             | 62%         | 58%         | 61%          | 64%           | 58%         | 60%         | 57%     |

| STRUCTURAL ASSESSMENT |   |   |   |   |   |   | 7-Dec-18 | Temp. |
|-----------------------|---|---|---|---|---|---|----------|-------|
|                       |   |   |   |   |   |   |          |       |
| 7                     | 5 | 6 | 6 | 5 | 5 | 3 | 37       | 2     |

| INDEX VALUE  |              |              |              | Polled Gene | Maturity   | Mus Score | EYES     |                    |
|--------------|--------------|--------------|--------------|-------------|------------|-----------|----------|--------------------|
| Supermarket  | Grass Fed    | Grain Fed    | EU Index     | <b>PP</b>   | <i>Mid</i> | <b>C+</b> |          | <i>Eye Pigment</i> |
| <b>\$144</b> | <b>\$140</b> | <b>\$181</b> | <b>\$164</b> | <i>Homz</i> |            |           | <b>4</b> | <b>100/80</b>      |

Purchaser \_\_\_\_\_

Price \_\_\_\_\_



Pen No. 7 (Growth Bulls)

Birth Date: 11-Aug-17  
 Society ID: WNAN097  
 Horn/Scurs/Poll: P

- Top notch Anzac son offering extra scale & power
- You can see the carcass in this fellow - top 1% marbling, top 5% EMA
- I like this bull for his volume, docile nature, dark coat & top 5% growth
- Dam is a high performing ET Donor Cow - ET brothers to Lot 16 & 22

ALLENDALE PUNTER 3  
 ┌ ALLENDALE YACKA  
   ALLENDALE FLORRIE Z33  
 Sire: ALLENDALE ANZAC E114 (AEDE114)  
       ALLENDALE NATIONAL W168  
       └ ALLENDALE DAWN B22 (AI) (ET)  
           ALLENDALE DAWN T60 (AI)  
  
       DOONBIDDIE HUSTLER  
       ┌ ARDO HUSTLER 4110 (IMP)  
           ARDO AMETHYST 730  
 Dam: WIRRUNA LAST DAY H333 (WNAH333)  
       MOUNT DIFFICULT FELLIS Y12 (AI)  
       └ WIRRUNA LAST DAY D84  
           WIRRUNA LAST DAY B140



Jan 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 |
| -5.0                 | -1.2                  | <b>-1.8</b>             | +6.0         | <b>+46</b>        | <b>+71</b>     | <b>+100</b>    | <b>+83</b>     | <b>+19</b>   |
| 56%                  | 51%                   | 66%                     | 74%          | 70%               | 70%            | 70%            | 64%            | 62%          |

| FERTILITY         |                 | CARCASS     |             |              |               |         |             |            |
|-------------------|-----------------|-------------|-------------|--------------|---------------|---------|-------------|------------|
| Scrotal Size (cm) | Days to Calving | Carc Weight | EMA (sq cm) | Rib Fat (mm) | Rump Fat (mm) | RBV (%) | IMF (%)     | Docility   |
| <b>+3.7</b>       | <b>-4.2</b>     | <b>+72</b>  | <b>+6.0</b> | <b>+1.7</b>  | <b>+2.3</b>   | +0.5    | <b>+2.3</b> | <b>+19</b> |
| 77%               | 45%             | 61%         | 58%         | 61%          | 64%           | 59%     | 61%         | 59%        |

| STRUCTURAL ASSESSMENT |  |  |  |  |  |  | 7-Dec-18 | Temp. |
|-----------------------|--|--|--|--|--|--|----------|-------|
|                       |  |  |  |  |  |  |          |       |

| INDEX VALUE  |              |              |              | Polled Gene       | Maturity | Mus Score | EYES |             |
|--------------|--------------|--------------|--------------|-------------------|----------|-----------|------|-------------|
| Supermarket  | Grass Fed    | Grain Fed    | EU Index     | <b>PP</b><br>Homz | Mid      | C+        |      | Eye Pigment |
| <b>\$125</b> | <b>\$122</b> | <b>\$165</b> | <b>\$139</b> |                   |          |           | 3    | 100/100     |

Purchaser \_\_\_\_\_

Price \_\_\_\_\_



Pen No. 7 (Growth Bulls)

Birth Date: 12-Aug-17  
 Society ID: WNaN140  
 Horn/Scurs/Poll: S

- A long-bodied Fletcher son to boost kilos of beef produced
- Combines CE & short GL with top 1% 200D & 400D growth
- Carries strong milk attributes - top 5% for milk EBV
- A soft skinned fellow for mature cows targetting quality beef market targets

Scurs. Not registered

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 JACQUES J69  
 WIRRUNA PENELOPE E230

Dam: **WIRRUNA RITA L181 (WNAL181)**  
 WIRRUNA GASON G130  
 WIRRUNA RITA J507  
 CO-OP5 RITA G146



Jan 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 |
| +1.5                 | +2.1                  | <b>-4.9</b>             | +6.5         | <b>+49</b>        | <b>+76</b>     | <b>+102</b>    | +80            | <b>+24</b>   |
| 51%                  | 42%                   | 74%                     | 73%          | 68%               | 68%            | 67%            | 62%            | 56%          |

| FERTILITY         |                 | CARCASE     |             |              |               |         |             |        |
|-------------------|-----------------|-------------|-------------|--------------|---------------|---------|-------------|--------|
| Scrotal Size (cm) | Days to Calving | Carc Weight | EMA (sq cm) | Rib Fat (mm) | Rump Fat (mm) | RBV (%) | IMF (%)     | Docity |
| <b>+3.8</b>       | <b>-6.3</b>     | <b>+70</b>  | +4.1        | <b>+1.0</b>  | +0.7          | +0.1    | <b>+1.9</b> | -8     |
| 77%               | 44%             | 59%         | 55%         | 58%          | 62%           | 55%     | 57%         | 53%    |

| STRUCTURAL ASSESSMENT |  |  |  |  |  |  | 7-Dec-18 | Temp. |
|-----------------------|--|--|--|--|--|--|----------|-------|
|                       |  |  |  |  |  |  |          |       |

| SINDEX VALUE |              |              |              | Polled Gene       | Maturity | Mus Score | EYES |             |
|--------------|--------------|--------------|--------------|-------------------|----------|-----------|------|-------------|
| Supermarket  | Grass Fed    | Grain Fed    | EU Index     |                   |          |           |      | Eye Pigment |
| <b>\$137</b> | <b>\$133</b> | <b>\$177</b> | <b>\$155</b> | <b>Ph</b><br>Hetz | Mid      | C+        |      | 100/90      |

Purchaser \_\_\_\_\_

Price \_\_\_\_\_



Pen No. 7 (Growth Bulls)

Birth Date: 13-Aug-17  
 Society ID: WNaN152  
 Horn/Scurs/Poll: P

- Impressive weight/day of age performance
- Like ET brothers (Lot 14 & 22), offers lots of milk, growth & frame
- Excellent marbling boosts the Grainfed \$Index to the top 1% of the breed
- Also benefits from strong fertility, fatness & docility traits for replacements

ALLEDALE PUNTER 3  
 ┌ ALLEDALE YACKA  
   ALLEDALE FLORRIE Z33

Sire: ALLEDALE ANZAC E114 (AEDE114)  
       ALLEDALE NATIONAL W168  
       └ ALLEDALE DAWN B22 (AI) (ET)  
           ALLEDALE DAWN T60 (AI)

DOONBIDDIE HUSTLER  
 ┌ ARDO HUSTLER 4110 (IMP)  
   ARDO AMETHYST 730

Dam: WIRRUNA LAST DAY H333 (WNAH333)  
       MOUNT DIFFICULT FELLIS Y12 (AI)  
       └ WIRRUNA LAST DAY D84  
           WIRRUNA LAST DAY B140



Jan 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                 | -1.0                  | +0.4                    | +5.8         | <b>+43</b>        | <b>+69</b>     | <b>+101</b>    | +75            | <b>+21</b>   |
| 56%                  | 51%                   | 66%                     | 74%          | 70%               | 70%            | 70%            | 65%            | 63%          |

| FERTILITY         |                 | CARCASS     |             |              |               |         |             |            |
|-------------------|-----------------|-------------|-------------|--------------|---------------|---------|-------------|------------|
| Scrotal Size (cm) | Days to Calving | Carc Weight | EMA (sq cm) | Rib Fat (mm) | Rump Fat (mm) | RBV (%) | IMF (%)     | Docility   |
| <b>+3.9</b>       | <b>-4.0</b>     | <b>+73</b>  | <b>+6.3</b> | <b>+2.4</b>  | <b>+3.2</b>   | +0.1    | <b>+2.7</b> | <b>+19</b> |
| 77%               | 45%             | 62%         | 58%         | 61%          | 64%           | 59%     | 61%         | 59%        |

| STRUCTURAL ASSESSMENT |       |   |      |   |       |   | 7-Dec-18 | Temp.    |
|-----------------------|-------|---|------|---|-------|---|----------|----------|
|                       | Front |   | Back |   | Front |   | Back     |          |
| 6                     |       | 5 |      | 5 |       | 5 |          | 5-Dec-18 |
|                       |       |   |      |   |       |   |          | 42       |
|                       |       |   |      |   |       |   |          | 1        |

| \$INDEX VALUE |              |              |              | Polled Gene       | Maturity | Mus Score | EYES |             |
|---------------|--------------|--------------|--------------|-------------------|----------|-----------|------|-------------|
| Supermarket   | Grass Fed    | Grain Fed    | EU Index     |                   |          |           |      | Eye Pigment |
| <b>\$132</b>  | <b>\$130</b> | <b>\$181</b> | <b>\$146</b> | <b>PP</b><br>Homz | Late     | C+        |      | 100/100     |
|               |              |              |              |                   |          |           | 3    |             |

Purchaser \_\_\_\_\_

Price \_\_\_\_\_





**Pen No. 8 (Growth Bulls)**

Birth Date: 14-Aug-17  
 Society ID: WNAN169  
 Horn/Scurs/Poll: P

- A dark-coated X51 son with shape & high growth
- This one carries top 1% 200D & 400D growth traits and top 5% \$Indices
- Combines top 5% muscle (EMA) with top 5% marbling (IMF%)
- A good-footed bull that carries dehorning genetics (Homozygous Polled)

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

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

Dam: **WIRRUNA LAST DAY G63 (WNAG63)**  
 ┌ ELITE J7C X54 (AI)  
   WIRRUNA LAST DAY A31  
     WIRRUNA LAST DAY S102



Jan 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                 | +3.9                  | -1.4                    | +7.4         | <b>+52</b>        | <b>+76</b>     | <b>+100</b>    | +73            | <b>+22</b>   |
| 50%                  | 41%                   | 69%                     | 75%          | 70%               | 70%            | 70%            | 63%            | 59%          |

| FERTILITY         |                 | CARCASS     |             |              |               |         |             |          |
|-------------------|-----------------|-------------|-------------|--------------|---------------|---------|-------------|----------|
| Scrotal Size (cm) | Days to Calving | Carc Weight | EMA (sq cm) | Rib Fat (mm) | Rump Fat (mm) | RBV (%) | IMF (%)     | Docility |
| <b>+2.8</b>       | <b>-5.4</b>     | <b>+71</b>  | <b>+5.6</b> | <b>+1.9</b>  | <b>+2.2</b>   | +0.4    | <b>+1.3</b> | +0       |
| 78%               | 42%             | 59%         | 55%         | 58%          | 61%           | 55%     | 60%         | 60%      |

| STRUCTURAL ASSESSMENT |   |   |   |   |   |   | 7-Dec-18 | Temp. |
|-----------------------|---|---|---|---|---|---|----------|-------|
|                       |   |   |   |   |   |   | 5-Dec-18 |       |
| 6                     | 6 | 5 | 5 | 5 | 5 | 4 | 39       | 1     |

| INDEX VALUE  |              |              |              | Polled Gene | Maturity   | Mus Score | EYES |                    |
|--------------|--------------|--------------|--------------|-------------|------------|-----------|------|--------------------|
| Supermarket  | Grass Fed    | Grain Fed    | EU Index     | <b>PP</b>   | <i>Mid</i> | <b>C+</b> |      | <i>Eye Pigment</i> |
| <b>\$136</b> | <b>\$133</b> | <b>\$165</b> | <b>\$151</b> | <i>Homz</i> |            |           | 3    | 90/50              |

Purchaser \_\_\_\_\_

Price \_\_\_\_\_



Pen No. 8 (Growth Bulls)

Birth Date: 14-Aug-17  
 Society ID: WNAN173  
 Horn/Scurs/Poll: P

- Upstanding Cadbury son with good neck extension
- Curve-bending growth from a low birth weight & strong calving ease base
- Scanned highly for the fat traits - top 1% for Rib, Rump & IMF% EBVs
- Exceptional top 1% \$Index rankings reflects his outstanding balance of profit traits

┌─── KOANUI ROCKET Q334  
     └─── KOANUI ROCKET 0219  
           └─── KOANUI ANGEL R187  
 Sire: **MOUNT DIFFICULT CADBURY (MTTC8)**  
           └─── YARROW CORK  
                 └─── MOUNT DIFFICULT MONIQUE V65  
                       └─── MOUNT DIFFICULT MONIQUE  
  
 ┌─── ELITE 4110 E212  
     └─── WIRRUNA HOLLYWOOD H22  
           └─── WIRRUNA MADAM F18  
 Dam: **WIRRUNA LAST DAY K194 (H) (WNAK194)**  
           └─── WIRRUNA FLETCHER F214  
                 └─── WIRRUNA LAST DAY H364  
                       └─── WIRRUNA LAST DAY F14

*Easy-calve*



Jan 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>+12.4</b>         | <b>+9.1</b>           | <b>-4.8</b>             | <b>+1.7</b>  | <b>+39</b>        | <b>+69</b>     | <b>+93</b>     | +71            | +18          |
| 51%                  | 43%                   | 75%                     | 73%          | 69%               | 69%            | 68%            | 65%            | 58%          |

| FERTILITY         |                 | CARCASE     |             |              |               |         |             |          |
|-------------------|-----------------|-------------|-------------|--------------|---------------|---------|-------------|----------|
| Scrotal Size (cm) | Days to Calving | Carc Weight | EMA (sq cm) | Rib Fat (mm) | Rump Fat (mm) | RBV (%) | IMF (%)     | Docility |
| +2.1              | <b>-4.6</b>     | <b>+73</b>  | <b>+4.6</b> | <b>+2.4</b>  | <b>+3.3</b>   | +0.0    | <b>+2.2</b> | +5       |
| 78%               | 46%             | 59%         | 54%         | 58%          | 62%           | 56%     | 58%         | 54%      |

| STRUCTURAL ASSESSMENT |   |   |   |   |   |   | 7-Dec-18 | Temp. |
|-----------------------|---|---|---|---|---|---|----------|-------|
|                       |   |   |   |   |   |   |          |       |
| 7                     | 6 | 6 | 7 | 5 | 5 | 4 | 36       |       |

| INDEX VALUE  |              |              |              | Polled Gene | Maturity | Mus Score | EYES |             |
|--------------|--------------|--------------|--------------|-------------|----------|-----------|------|-------------|
| Supermarket  | Grass Fed    | Grain Fed    | EU Index     |             | Mid      | C+        |      | Eye Pigment |
| <b>\$150</b> | <b>\$151</b> | <b>\$190</b> | <b>\$164</b> |             |          |           |      |             |

Purchaser \_\_\_\_\_

Price \_\_\_\_\_



Pen No. 8 (Growth Bulls)

Birth Date: 14-Aug-17  
 Society ID: WNAN188  
 Horn/Scurs/Poll: S

- Heaviest bull & highest weight gainer at vet testing
- Best spread of birthweight (44kg) to 400 day weight (536kg) in age group
- Outstanding fertility EBVs (top 1%) & largest testicle size
- Highest Supermarket & EU \$Indices - Maintains positive CE with top 1% growth

Scurs

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

QUAMBY PLAINS STOCKMASTER Y118

┌ WIRRUNA FLETCHER F214  
 WIRRUNA LAST DAY B16 (H)

Dam: **CO-OP5 URSULA J427 (YEEJ427)**  
 WIRRUNA COMET C90

└ WIRRUNA URSULA E278  
 WIRRUNA URSULA A241



Jan 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>+4.0</b>           | <b>-4.6</b>             | +6.1         | <b>+48</b>        | <b>+85</b>     | <b>+117</b>    | <b>+96</b>     | <b>+20</b>   |
| 48%                  | 36%                   | 75%                     | 74%          | 69%               | 69%            | 68%            | 63%            | 54%          |

| FERTILITY         |                 | CARCASE     |             |              |               |         |             |           |
|-------------------|-----------------|-------------|-------------|--------------|---------------|---------|-------------|-----------|
| Scrotal Size (cm) | Days to Calving | Carc Weight | EMA (sq cm) | Rib Fat (mm) | Rump Fat (mm) | RBY (%) | IMF (%)     | Dolcility |
| <b>+4.3</b>       | <b>-6.5</b>     | <b>+76</b>  | +3.8        | +0.9         | +0.7          | +0.4    | <b>+1.4</b> | +0        |
| 77%               | 37%             | 58%         | 52%         | 56%          | 61%           | 54%     | 56%         | 47%       |

| STRUCTURAL ASSESSMENT |       |   |      |   |       |   | 7-Dec-18 | Temp.    |
|-----------------------|-------|---|------|---|-------|---|----------|----------|
|                       | Front |   | Back |   | Front |   | Back     |          |
| 6                     |       | 5 |      | 5 |       | 5 |          | 5-Dec-18 |
|                       |       |   |      |   |       | 3 |          | 43       |
|                       |       |   |      |   |       |   |          | 1        |

| INDEX VALUE  |              |              |              | Polled Gene  | Maturity   | Mus Score | EYES |                    |
|--------------|--------------|--------------|--------------|--------------|------------|-----------|------|--------------------|
| Supermarket  | Grass Fed    | Grain Fed    | EU Index     | <b>Ph</b>    | <i>Mid</i> | <b>C+</b> |      | <i>Eye Pigment</i> |
| <b>\$156</b> | <b>\$150</b> | <b>\$188</b> | <b>\$173</b> | <i>Hetz.</i> |            |           | 4    | 100/100            |

Purchaser \_\_\_\_\_

Price \_\_\_\_\_



Pen No. 8 (Growth Bulls)

Birth Date: 17-Aug-17  
 Society ID: WNAN243  
 Horn/Scurs/Poll: P

- Smooth-bodied Fort son with larger frame
- Offers top 5% growth & carcase weight traits
- Quiet temperament is a feature - top 10% Doc EBV
- A genetic dehorner with top 15% \$Indices indicating good profit potential

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

MOUNT DIFFICULT FALCON F030  
 ┌ MOUNT DIFFICULT JELLICOE J56  
   MOUNT DIFFICULT TIGRESS E73

Dam: **WIRRUNA NOBLESSE L4 (WNAL4)**

MOUNT DIFFICULT EGERTON E54  
 ┌ MOUNT DIFFICULT NOBLESSE J73  
   MOUNT DIFFICULT NOBLESSE B27



Jan 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 |
| -3.0                 | +0.4                  | <b>-1.7</b>             | +6.6         | <b>+47</b>        | <b>+71</b>     | <b>+100</b>    | +78            | +17          |
| 51%                  | 42%                   | 74%                     | 73%          | 68%               | 68%            | 67%            | 62%            | 55%          |

| FERTILITY         |                 | CARCASE     |             |              |               |         |             |            |
|-------------------|-----------------|-------------|-------------|--------------|---------------|---------|-------------|------------|
| Scrotal Size (cm) | Days to Calving | Carc Weight | EMA (sq cm) | Rib Fat (mm) | Rump Fat (mm) | RBV (%) | IMF (%)     | Docility   |
| <b>+2.8</b>       | <b>-4.2</b>     | <b>+66</b>  | +2.8        | +0.8         | +0.9          | +0.5    | <b>+1.1</b> | <b>+14</b> |
| 78%               | 42%             | 58%         | 52%         | 56%          | 60%           | 54%     | 56%         | 51%        |

| STRUCTURAL ASSESSMENT |   |   |   |   |   |   | 7-Dec-18 | Temp. |
|-----------------------|---|---|---|---|---|---|----------|-------|
|                       |   |   |   |   |   |   |          |       |
| 6                     | 6 | 6 | 6 | 5 | 5 | 4 | 37       | 1     |

| \$INDEX VALUE |              |              |              | Polled Gene       | Maturity | Mus Score | EYES |             |
|---------------|--------------|--------------|--------------|-------------------|----------|-----------|------|-------------|
| Supermarket   | Grass Fed    | Grain Fed    | EU Index     |                   |          |           |      | Eye Pigment |
| <b>\$115</b>  | <b>\$110</b> | <b>\$137</b> | <b>\$127</b> | <b>PP</b><br>Homz | Mid      | C         |      | 100/90      |
|               |              |              |              |                   |          |           | 3    |             |

Purchaser \_\_\_\_\_

Price \_\_\_\_\_



Pen No. 8 (Growth Bulls)

Birth Date: 19-Aug-17  
 Society ID: WNAN261  
 Horn/Scurs/Poll: P

- I like the trait balance of his attractive Anzac son
- Achieved excellent weight gain among sale group - top 1% growth EBVs
- Offers superior carcass attributes - top 5% ranking for EMA & marbling
- Assessed highly for structure & docility - Homozygous Poll

'Star Lot'

ALLENDALE PUNTER 3  
 ┌ ALLENDALE YACKA  
   ALLENDALE FLORRIE Z33

Sire: ALLENDALE ANZAC E114 (AEDE114)  
       ALLENDALE NATIONAL W168  
 ┌ ALLENDALE DAWN B22 (AI) (ET)  
   ALLENDALE DAWN T60 (AI)

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



Jan 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 |
| +2.9                 | +2.0                  | -0.8                    | +6.2         | <b>+47</b>        | <b>+80</b>     | <b>+111</b>    | <b>+86</b>     | <b>+19</b>   |
| 54%                  | 47%                   | 76%                     | 74%          | 69%               | 69%            | 69%            | 64%            | 58%          |

| FERTILITY         |                 | CARCASS     |             |              |               |         |             |            |
|-------------------|-----------------|-------------|-------------|--------------|---------------|---------|-------------|------------|
| Scrotal Size (cm) | Days to Calving | Carc Weight | EMA (sq cm) | Rib Fat (mm) | Rump Fat (mm) | RBV (%) | IMF (%)     | Docility   |
| <b>+4.4</b>       | -3.0            | <b>+78</b>  | <b>+6.1</b> | +0.9         | +1.2          | +1.0    | <b>+1.5</b> | <b>+19</b> |
| 78%               | 42%             | 60%         | 56%         | 59%          | 63%           | 57%     | 60%         | 55%        |

| STRUCTURAL ASSESSMENT |   |   |   |   |   |   | 7-Dec-18 | Temp. |
|-----------------------|---|---|---|---|---|---|----------|-------|
|                       |   |   |   |   |   |   | 5-Dec-18 |       |
| 5                     | 5 | 5 | 6 | 5 | 5 | 4 | 41       | 1     |

| INDEX VALUE  |              |              |              | Polled Gene       | Maturity | Mus Score | EYES |             |
|--------------|--------------|--------------|--------------|-------------------|----------|-----------|------|-------------|
| Supermarket  | Grass Fed    | Grain Fed    | EU Index     |                   |          |           |      | Eye Pigment |
| <b>\$142</b> | <b>\$138</b> | <b>\$173</b> | <b>\$156</b> | <b>PP</b><br>Homz | Mid      | C+        |      | 100/100     |
|              |              |              |              |                   |          |           | 4    |             |

Purchaser \_\_\_\_\_

Price \_\_\_\_\_



Pen No. 8 (Growth Bulls)

Birth Date: 21-Aug-17  
 Society ID: WNAN295  
 Horn/Scurs/Poll: P

- An attractive, thick-topped & dark-coated Anzac son
- Lots of natural growth here - top 1% CWT & top 5% growth EBVs
- Carries herd improving carcase traits, top 5% for marbling & muscle
- Same ET joining as lots 14 & 16. Dam had 14 progeny at Wirruna

ALLENDALE PUNTER 3  
 ┌ ALLENDALE YACKA  
   ALLENDALE FLORRIE Z33

Sire: **ALLENDALE ANZAC E114 (AEDE114)**

ALLENDALE NATIONAL W168  
 ┌ ALLENDALE DAWN B22 (AI) (ET)  
   ALLENDALE DAWN T60 (AI)

DOONBIDDIE HUSTLER  
 ┌ ARDO HUSTLER 4110 (IMP)  
   ARDO AMETHYST 730

Dam: **WIRRUNA LAST DAY H333 (WNAH333)**

MOUNT DIFFICULT FELLIS Y12 (AI)  
 ┌ WIRRUNA LAST DAY D84  
   WIRRUNA LAST DAY B140



Jan 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 |
| -5.1                 | -1.2                  | -0.8                    | +7.0         | <b>+46</b>        | <b>+71</b>     | <b>+104</b>    | <b>+90</b>     | <b>+19</b>   |
| 56%                  | 51%                   | 66%                     | 74%          | 70%               | 70%            | 70%            | 64%            | 63%          |

| FERTILITY         |                 | CARCASE     |             |              |               |             |             |            |
|-------------------|-----------------|-------------|-------------|--------------|---------------|-------------|-------------|------------|
| Scrotal Size (cm) | Days to Calving | Carc Weight | EMA (sq cm) | Rib Fat (mm) | Rump Fat (mm) | RBY (%)     | IMF (%)     | Dockity    |
| <b>+4.1</b>       | <b>-4.3</b>     | <b>+75</b>  | <b>+6.2</b> | <b>+1.1</b>  | <b>+1.5</b>   | <b>+1.3</b> | <b>+1.7</b> | <b>+19</b> |
| 77%               | 45%             | 62%         | 58%         | 61%          | 64%           | 59%         | 61%         | 59%        |

| STRUCTURAL ASSESSMENT |   |   |   |   |   |   | 7-Dec-18 | Temp. |
|-----------------------|---|---|---|---|---|---|----------|-------|
|                       |   |   |   |   |   |   |          |       |
| 6                     | 6 | 5 | 6 | 5 | 5 | 4 | 42       | 2     |

| INDEX VALUE  |              |              |              | Polled Gene       | Maturity | Mus Score | EYES |             |
|--------------|--------------|--------------|--------------|-------------------|----------|-----------|------|-------------|
| Supermarket  | Grass Fed    | Grain Fed    | EU Index     |                   |          |           |      | Eye Pigment |
| <b>\$125</b> | <b>\$121</b> | <b>\$157</b> | <b>\$141</b> | <b>PP</b><br>Homz | Mid      | C+        |      | 100/100     |
|              |              |              |              |                   |          |           | 4    |             |

Purchaser \_\_\_\_\_

Price \_\_\_\_\_



Pen No. 8 (Growth Bulls)

Birth Date: 1-Sep-17  
 Society ID: WNAN417  
 Horn/Scurs/Poll: P

- Attractive & good-bodied bull with dark eye pigment
- I like the natural doing-ability, growth & carcass in this Anzac son
- Kept his ET brother for stud use - top end of breed for Docility, CWT & IMF%
- Dam highly respected at Wairuna as an ET donor cow

'Star Lot'

ALLENDALE PUNTER 3  
 ┌ ALLENDALE YACKA  
   ALLENDALE FLORRIE Z33

Sire: ALLENDALE ANZAC E114 (AEDE114)  
       ALLENDALE NATIONAL W168  
 ┌ ALLENDALE DAWN B22 (AI) (ET)  
   ALLENDALE DAWN T60 (AI)

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



Jan 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 |
| +1.7                 | +1.5                  | <b>-1.7</b>             | +4.8         | <b>+44</b>        | <b>+78</b>     | <b>+107</b>    | <b>+89</b>     | <b>+20</b>   |
| 54%                  | 47%                   | 66%                     | 74%          | 69%               | 69%            | 69%            | 63%            | 59%          |

| FERTILITY         |                 | CARCASS     |             |              |               |         |             |            |
|-------------------|-----------------|-------------|-------------|--------------|---------------|---------|-------------|------------|
| Scrotal Size (cm) | Days to Calving | Carc Weight | EMA (sq cm) | Rib Fat (mm) | Rump Fat (mm) | RBV (%) | IMF (%)     | Docility   |
| +1.9              | -2.6            | <b>+80</b>  | <b>+5.9</b> | <b>+1.7</b>  | <b>+2.6</b>   | -0.3    | <b>+2.7</b> | <b>+16</b> |
| 77%               | 42%             | 61%         | 56%         | 59%          | 63%           | 57%     | 60%         | 56%        |

| STRUCTURAL ASSESSMENT |  |  |  |  |  |  | 7-Dec-18 | Temp. |
|-----------------------|--|--|--|--|--|--|----------|-------|
|                       |  |  |  |  |  |  |          |       |

| SINDEX VALUE |              |              |              | Polled Gene | Maturity   | Mus Score | EYES     |                |
|--------------|--------------|--------------|--------------|-------------|------------|-----------|----------|----------------|
| Supermarket  | Grass Fed    | Grain Fed    | EU Index     | <b>Ph</b>   | <b>Mid</b> | <b>C+</b> |          | Eye Pigment    |
| <b>\$138</b> | <b>\$135</b> | <b>\$182</b> | <b>\$148</b> | <b>Hetz</b> |            |           | <b>4</b> | <b>100/100</b> |

Purchaser \_\_\_\_\_

Price \_\_\_\_\_



Pen No. 8 (Growth Bulls)

Birth Date: 15-Sep-17  
 Society ID: WNaN550  
 Horn/Scurs/Poll: P

- A long bodied & attractive Ledger son
- Curve-bending growth from a low birth weight & calving ease base
- Well muscled, top 5% CWT, EMA & marbling for boosting MSA Index
- Plenty of milk (top 1%) & profit potential (top 1% for \$Indices)

'Star Lot'

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 LAST DAY K159 (WNAK159)**  
 QUAMBY PLAINS STOCKMASTER Y118  
 WIRRUNA FLETCHER F214  
 WIRRUNA LAST DAY B16 (H)  
 KOANUI ROCKET 0219

WIRRUNA LAST DAY E161  
 WIRRUNA LAST DAY C223

Easy-calve



Jan 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 |
| +5.5                 | +3.1                  | -2.0                    | +4.1         | +44               | +69            | +93            | +60            | +27          |
| 44%                  | 35%                   | 66%                     | 73%          | 66%               | 66%            | 65%            | 59%            | 48%          |

| FERTILITY         |                 | CARCASE     |             |              |               |         |         |         |
|-------------------|-----------------|-------------|-------------|--------------|---------------|---------|---------|---------|
| Scrotal Size (cm) | Days to Calving | Carc Weight | EMA (sq cm) | Rib Fat (mm) | Rump Fat (mm) | RBV (%) | IMF (%) | Dockity |
| +3.0              | -4.4            | +71         | +6.1        | +1.9         | +2.2          | +0.3    | +1.8    | +9      |
| 75%               | 35%             | 54%         | 50%         | 54%          | 58%           | 52%     | 52%     | 48%     |

| STRUCTURAL ASSESSMENT |   |   |   |   |   |   | 7-Dec-18 | Temp. |
|-----------------------|---|---|---|---|---|---|----------|-------|
|                       |   |   |   |   |   |   | 5-Dec-18 |       |
| 6                     | 6 | 5 | 6 | 5 | 5 | 4 | 39       | 1     |

| INDEX VALUE |           |           |          | Polled Gene | Maturity | Mus Score | EYES |             |
|-------------|-----------|-----------|----------|-------------|----------|-----------|------|-------------|
| Supermarket | Grass Fed | Grain Fed | EU Index |             |          |           |      | Eye Pigment |
| \$140       | \$138     | \$177     | \$153    | Ph<br>Hetz  | Mid      | C+        |      | 100/100     |
|             |           |           |          |             |          |           | 4    |             |

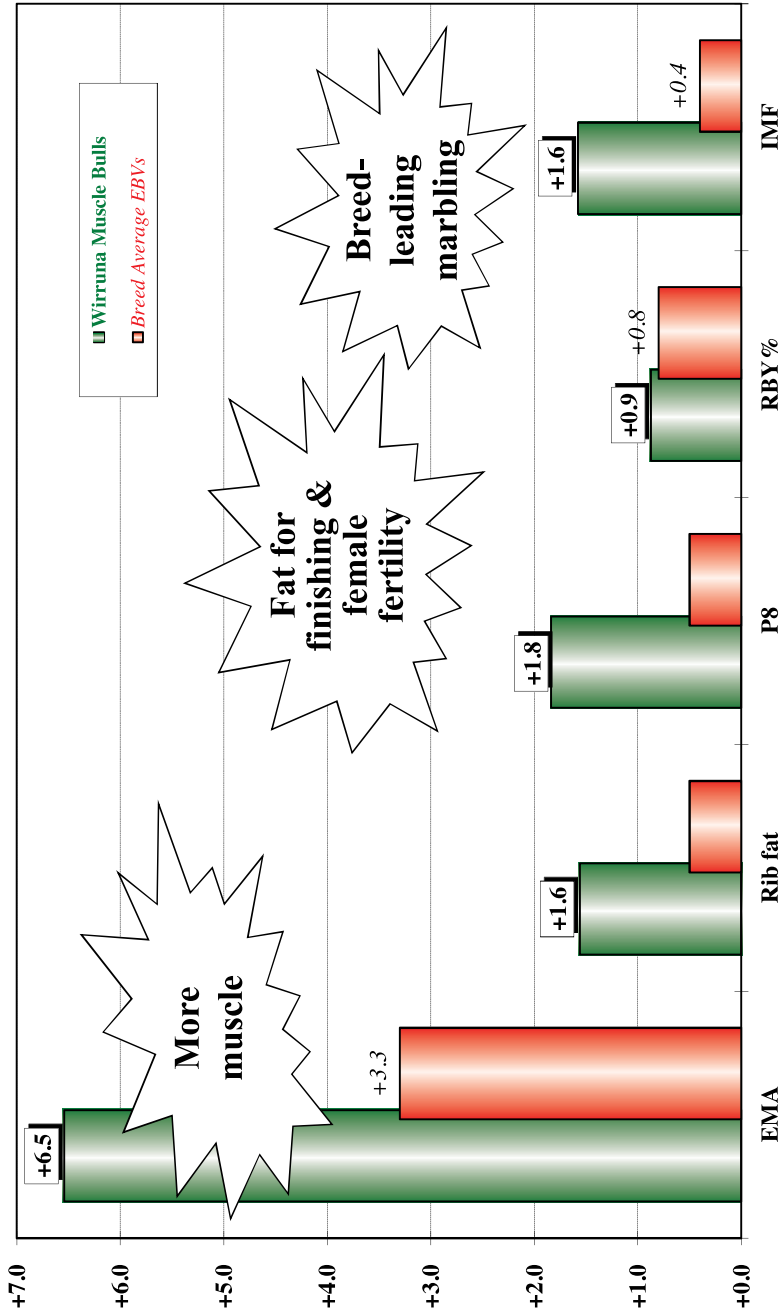
Purchaser \_\_\_\_\_

Price \_\_\_\_\_



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

EBV





Pen No. 10 (Muscle Bulls)

Birth Date: 9-Aug-17  
 Society ID: WNAN059  
 Horn/Scurs/Poll: P

- Really soft, sound & eye-appealing bull for carcase
- Carcase quality & quantity with top 5% EMA & top 1% IMF% - a rare combination
- Good growth achieved from a 34kg weight at birth
- High fertility & good CE contributes Top 5% ranking for \$Indices

'Star Lot'

Sire: **WIRRUNA FORT F382 (WNAF382)**  
 SOUTH BUKALONG WALKER 6  
 SOUTH BUKALONG WALLACE 2  
 SOUTH BUKALONG VICTORIA 152

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

ALLENDAL YACKA  
 ALLENDAL ANZAC E114  
 ALLENDAL DAWN B22 (AI) (ET)

Dam: **WIRRUNA LAST DAY L326 (WNAL326)**

MOUNT DIFFICULT FELLIS Y12 (AI)  
 WIRRUNA LAST DAY D84  
 WIRRUNA LAST DAY B140

*Easy-calve*



Jan 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>+5.8</b>          | <b>+4.9</b>           | <b>-4.1</b>             | <b>+1.7</b>  | +34               | +51            | +68            | +47            | +15          |
| 55%                  | 48%                   | 77%                     | 74%          | 70%               | 70%            | 70%            | 65%            | 61%          |

| FERTILITY         |                 | CARCASE     |             |              |               |         |             |            |
|-------------------|-----------------|-------------|-------------|--------------|---------------|---------|-------------|------------|
| Scrotal Size (cm) | Days to Calving | Carc Weight | EMA (sq cm) | Rib Fat (mm) | Rump Fat (mm) | RBV (%) | IMF (%)     | Dockity    |
| <b>+3.6</b>       | <b>-6.0</b>     | <b>+60</b>  | <b>+5.9</b> | <b>+1.1</b>  | <b>+1.6</b>   | +0.7    | <b>+1.9</b> | <b>+16</b> |
| 78%               | 46%             | 61%         | 56%         | 59%          | 62%           | 57%     | 60%         | 58%        |

| STRUCTURAL ASSESSMENT |   |   |   |   |   |   | 7-Dec-18 | Temp. |
|-----------------------|---|---|---|---|---|---|----------|-------|
|                       |   |   |   |   |   |   |          |       |
| 6                     | 6 | 5 | 6 | 5 | 5 | 4 | 39       | 2     |

| INDEX VALUE  |              |              |              | Polled Gene       | Maturity | Mus Score | EYES |             |
|--------------|--------------|--------------|--------------|-------------------|----------|-----------|------|-------------|
| Supermarket  | Grass Fed    | Grain Fed    | EU Index     |                   |          |           |      | Eye Pigment |
| <b>\$127</b> | <b>\$129</b> | <b>\$169</b> | <b>\$148</b> | <b>PP</b><br>Homz | Mid      | C+        |      | 90/100      |
|              |              |              |              |                   |          |           | 4    |             |

Purchaser \_\_\_\_\_

Price \_\_\_\_\_



Pen No. 10 (Muscle Bulls)

Birth Date: 12-Aug-17  
 Society ID: WNAN136  
 Horn/Scurs/Poll: P

- A Lance son showing width, capacity & softness
- Excellent B- muscling - Earlier maturity with top 1% carcase quality (IMF%)
- Curve bender - Born light at birth & among the better weight gainers of the group
- A genetic dehorner with top 5% milk & suiting grass-finishing systems

'Star Lot'

┌ 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

*Easy-calve*

┌ SOUTH BUKALONG SHAW 3  
 └ SOUTH BUKALONG SHANNON 40  
 SOUTH BUKALONG PETAL 88

Dam: WIRRUNA MADAM L478 (WNAL478)

┌ SOUTH BUKALONG WALLACE 2  
 └ WIRRUNA MADAM F18  
 WIRRUNA MADAM D232



Jan 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>+7.5</b>           | <b>-4.0</b>             | <b>+3.0</b>  | <b>+43</b>        | <b>+68</b>     | <b>+90</b>     | <b>+59</b>     | <b>+22</b>   |
| 46%                  | 37%                   | 59%                     | 72%          | 65%               | 65%            | 64%            | 57%            | 48%          |

| FERTILITY         |                 | CARCASE     |             |              |               |             |             |           |
|-------------------|-----------------|-------------|-------------|--------------|---------------|-------------|-------------|-----------|
| Scrotal Size (cm) | Days to Calving | Carc Weight | EMA (sq cm) | Rib Fat (mm) | Rump Fat (mm) | RBV (%)     | IMF (%)     | Docity    |
| <b>+1.7</b>       | <b>-5.2</b>     | <b>+69</b>  | <b>+3.4</b> | <b>+1.7</b>  | <b>+2.0</b>   | <b>-0.8</b> | <b>+1.9</b> | <b>-8</b> |
| 77%               | 38%             | 54%         | 50%         | 53%          | 57%           | 51%         | 51%         | 48%       |

| STRUCTURAL ASSESSMENT |   |   |   |   |   | 7-Dec-18 | Temp. |
|-----------------------|---|---|---|---|---|----------|-------|
|                       |   |   |   |   |   |          |       |
| 5                     | 7 | 5 | 7 | 6 | 5 | 4        | 37    |

| INDEX VALUE  |              |              |              | Polled Gene       | Maturity     | Mus Score | EYES |               |
|--------------|--------------|--------------|--------------|-------------------|--------------|-----------|------|---------------|
| Supermarket  | Grass Fed    | Grain Fed    | EU Index     |                   |              |           |      | Eye Pigment   |
| <b>\$137</b> | <b>\$135</b> | <b>\$175</b> | <b>\$149</b> | <b>PP</b><br>Homz | <b>Early</b> | <b>B-</b> |      | <b>95/100</b> |
|              |              |              |              |                   |              |           | 3    |               |

Purchaser \_\_\_\_\_

Price \_\_\_\_\_



Pen No. 10 (Muscle Bulls)

Birth Date: 13-Aug-17  
 Society ID: WNAN149  
 Horn/Scurs/Poll: P

- High \$Index Fletcher son for carcase quality
- Highest scan for marbling with IMF% EBV in top 1% of breed
- Also top 25% EMA & top 10% Carcase Weight EBVs
- Combines CE & short GL with curve-bending growth (top 5% 200D)

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 JACK J12  
   WIRRUNA LAST DAY G63

Dam: **WIRRUNA GOLDEN VANITY L525 (WNAL525)**  
 ┌ WARWICK COURT EPIC E032  
   CO-OP5 GOLDEN VANITY H257  
     WIRRUNA GOLDEN VANITY C252



Jan 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>          | <b>+6.0</b>           | <b>-4.0</b>             | +4.7         | <b>+44</b>        | <b>+67</b>     | <b>+90</b>     | +66            | +16          |
| 50%                  | 41%                   | 75%                     | 74%          | 69%               | 69%            | 68%            | 63%            | 56%          |

| FERTILITY         |                 | CARCASE     |             |              |               |         |             |        |
|-------------------|-----------------|-------------|-------------|--------------|---------------|---------|-------------|--------|
| Scrotal Size (cm) | Days to Calving | Carc Weight | EMA (sq cm) | Rib Fat (mm) | Rump Fat (mm) | RBY (%) | IMF (%)     | Docity |
| +2.2              | <b>-4.2</b>     | <b>+63</b>  | +4.2        | +0.4         | -0.6          | +0.9    | <b>+2.0</b> | +7     |
| 78%               | 44%             | 60%         | 56%         | 59%          | 62%           | 56%     | 58%         | 54%    |

| STRUCTURAL ASSESSMENT |  |  |  |  |  |  | 7-Dec-18 | Temp. |
|-----------------------|--|--|--|--|--|--|----------|-------|
|                       |  |  |  |  |  |  |          |       |

| INDEX VALUE  |              |              |              | Polled Gene       | Maturity | Mus Score | EYES |             |
|--------------|--------------|--------------|--------------|-------------------|----------|-----------|------|-------------|
| Supermarket  | Grass Fed    | Grain Fed    | EU Index     |                   |          |           |      | Eye Pigment |
| <b>\$131</b> | <b>\$129</b> | <b>\$174</b> | <b>\$150</b> | <b>Ph</b><br>Hetz | Mid      | C+        |      | 95/30       |

Purchaser \_\_\_\_\_

Price \_\_\_\_\_



Pen No. 10 (Muscle Bulls)

Birth Date: 15-Aug-17  
 Society ID: WNAN189  
 Horn/Scurs/Poll: P

- An easy-fleshing X51 son (ET brother to Lot 17)
- Again, note the rare combination of top 5% muscle & marbling
- Large testicles supported by excellent fertility traits - SS & DtC EBVs in top 1%
- Easy doing ability for finishing on grass and female fertility - High fat EBVs

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

SOUTH BUKALONG WALKER 6

┌ SOUTH BUKALONG WALLACE 2  
 SOUTH BUKALONG VICTORIA 152

Dam: **WIRRUNA LAST DAY G63 (WNAG63)**  
 ELITE J7C X54 (AI)

└ WIRRUNA LAST DAY A31  
 WIRRUNA LAST DAY S102



Jan 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                 | <b>+4.2</b>           | -1.4                    | +5.9         | <b>+44</b>        | <b>+66</b>     | <b>+94</b>     | +65            | <b>+21</b>   |
| 50%                  | 41%                   | 69%                     | 75%          | 70%               | 70%            | 70%            | 63%            | 59%          |

| FERTILITY         |                 | CARCASE     |             |              |               |         |             |         |
|-------------------|-----------------|-------------|-------------|--------------|---------------|---------|-------------|---------|
| Scrotal Size (cm) | Days to Calving | Carc Weight | EMA (sq cm) | Rib Fat (mm) | Rump Fat (mm) | RBV (%) | IMF (%)     | Dockity |
| <b>+4.0</b>       | <b>-6.9</b>     | <b>+66</b>  | <b>+5.5</b> | <b>+2.4</b>  | <b>+2.8</b>   | +0.1    | <b>+1.3</b> | +8      |
| 78%               | 42%             | 59%         | 55%         | 58%          | 61%           | 55%     | 60%         | 60%     |

| STRUCTURAL ASSESSMENT |  |  |  |  |  |  | 7-Dec-18 | Temp. |
|-----------------------|--|--|--|--|--|--|----------|-------|
|                       |  |  |  |  |  |  |          |       |

| INDEX VALUE  |              |              |              | Polled Gene       | Maturity | Mus Score | EYES |             |
|--------------|--------------|--------------|--------------|-------------------|----------|-----------|------|-------------|
| Supermarket  | Grass Fed    | Grain Fed    | EU Index     |                   |          |           |      | Eye Pigment |
| <b>\$142</b> | <b>\$140</b> | <b>\$174</b> | <b>\$158</b> | <b>PP</b><br>Homz | Mid      | C+        |      | 70/70       |

Purchaser \_\_\_\_\_

Price \_\_\_\_\_



Pen No. 10 (Muscle Bulls)

Birth Date: 16-Aug-17  
 Society ID: WNAN209  
 Horn/Scurs/Poll: P

- Well fleshed Anzac with dark red coat
- Ideal carcase combination - quality (top 1% IMF%) & quantity (top 10% EMA)
- A genetic dehorner that offers calving ease traits & docile nature
- High marbling contributes to his top 10% ranking for Grainfed \$Index

┌ ALLENDALE PUNTER 3  
 └ ALLENDALE YACKA  
 ALLENDALE FLORRIE Z33  
 Sire: **ALLENDALE ANZAC E114 (AEDE114)**  
 ALLENDALE NATIONAL W168  
 ┌ ALLENDALE DAWN B22 (AI) (ET)  
 └ ALLENDALE DAWN T60 (AI)  
 SOUTH BUKALONG WALLACE 2  
 ┌ WIRRUNA FORT F382  
 └ MOUNT DIFFICULT LORNA B123  
 Dam: **WIRRUNA UNDERTONE J527 (WNAJ527)**  
 MOUNT DIFFICULT UNGAR (S)  
 ┌ WIRRUNA UNDERTONE B41  
 └ WIRRUNA UNDERTONE Z153

*Easy-calve*



Jan 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>          | +3.0                  | <b>-3.0</b>             | <b>+1.6</b>  | +30               | +45            | +59            | +41            | +16          |
| 55%                  | 49%                   | 76%                     | 74%          | 70%               | 70%            | 69%            | 65%            | 60%          |

| FERTILITY         |                 | CARCASE     |             |              |               |         |             |            |
|-------------------|-----------------|-------------|-------------|--------------|---------------|---------|-------------|------------|
| Scrotal Size (cm) | Days to Calving | Carc Weight | EMA (sq cm) | Rib Fat (mm) | Rump Fat (mm) | RBV (%) | IMF (%)     | Docility   |
| +1.9              | <b>-4.7</b>     | +51         | <b>+5.2</b> | <b>+1.6</b>  | <b>+1.9</b>   | +0.4    | <b>+1.9</b> | <b>+10</b> |
| 78%               | 43%             | 61%         | 56%         | 60%          | 63%           | 58%     | 60%         | 57%        |

| STRUCTURAL ASSESSMENT |   |   |   |   |   |   | 7-Dec-18 | Temp. |
|-----------------------|---|---|---|---|---|---|----------|-------|
|                       |   |   |   |   |   |   |          |       |
| 6                     | 6 | 5 | 5 | 5 | 5 | 4 | 35       | 2     |

| \$INDEX VALUE |              |              |              | Polled Gene       | Maturity | Mus Score | EYES |             |
|---------------|--------------|--------------|--------------|-------------------|----------|-----------|------|-------------|
| Supermarket   | Grass Fed    | Grain Fed    | EU Index     |                   |          |           |      | Eye Pigment |
| <b>\$110</b>  | <b>\$112</b> | <b>\$148</b> | <b>\$127</b> | <b>PP</b><br>Homz | Mid      | C+        |      | 100/75      |
|               |              |              |              |                   |          |           | 4    |             |

Purchaser \_\_\_\_\_

Price \_\_\_\_\_



Pen No. 10 (Muscle Bulls)

Birth Date: 17-Aug-17  
 Society ID: WNaN230  
 Horn/Scurs/Poll: P

- Muscle bull by Revolution X51 showing great structure
- Great carcase - top 1% muscling & positive fat traits for boosting MSA index
- True curve bender - light BWT, above average growth & moderate MCW
- A genetic dehorner offering calving ease & top 5% Grassfed \$Index

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

SOUTH BUKALONG WALKER 6

┌ SOUTH BUKALONG WALLACE 2  
 SOUTH BUKALONG VICTORIA 152

Dam: **WIRRUNA URSULA F25 (WNAF25)**  
 KOANUI ROCKET 0219

┌ WIRRUNA URSULA D45  
 WIRRUNA URSULAB20

*Easy-calve*



Jan 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>+7.8</b>           | <b>-3.0</b>             | <b>+1.9</b>  | +36               | +57            | +72            | +34            | +18          |
| 48%                  | 39%                   | 76%                     | 74%          | 69%               | 69%            | 68%            | 62%            | 57%          |

| FERTILITY         |                 | CARCASE     |             |              |               |             |             |        |
|-------------------|-----------------|-------------|-------------|--------------|---------------|-------------|-------------|--------|
| Scrotal Size (cm) | Days to Calving | Carc Weight | EMA (sq cm) | Rib Fat (mm) | Rump Fat (mm) | RBV (%)     | IMF (%)     | Docity |
| <b>+1.9</b>       | <b>-3.0</b>     | <b>+63</b>  | <b>+7.3</b> | <b>+1.6</b>  | <b>+2.0</b>   | <b>+1.5</b> | <b>+0.8</b> | +6     |
| 78%               | 41%             | 58%         | 54%         | 57%          | 60%           | 54%         | 57%         | 56%    |

| STRUCTURAL ASSESSMENT |   |   |   |   |   |   | 7-Dec-18 | Temp. |
|-----------------------|---|---|---|---|---|---|----------|-------|
|                       |   |   |   |   |   |   | 5-Dec-18 |       |
| 5                     | 5 | 5 | 6 | 5 | 5 | 3 | 36       | 2     |

| INDEX VALUE  |              |              |              | Polled Gene       | Maturity | Mus Score | EYES |             |
|--------------|--------------|--------------|--------------|-------------------|----------|-----------|------|-------------|
| Supermarket  | Grass Fed    | Grain Fed    | EU Index     |                   |          |           |      | Eye Pigment |
| <b>\$124</b> | <b>\$125</b> | <b>\$148</b> | <b>\$138</b> | <b>PP</b><br>Homz | Mid      | C+        |      | 100/100     |
|              |              |              |              |                   |          |           | 3    |             |

Purchaser \_\_\_\_\_

Price \_\_\_\_\_



Pen No. 10 (Muscle Bulls)

Birth Date: 17-Aug-17

Society ID: WNaN231

Horn/Scurs/Poll: P

- ET calf out of favoured Donor Cow - full brother to lot 33
- Don't let pale coat colour distract from the carcass traits offered by X51 progeny
- Exhibits good width down the backline - EMA ranked in top 1%
- Homozygous polled with large testicles (top 5% SS) & top 5% \$Indices

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  
 ARDO HUSTLER 4110 (IMP)  
 ┌ ELITE 4110 E212  
 SOUTH BUKALONG WINIFRED 54  
 Dam: **WIRRUNA DOREEN H5 (WNAH5)**  
 WIRRUNA DEBARRY D145  
 ┌ WIRRUNA DOREEN F229  
 WIRRUNA DOREEN C9

*Easy-calve*



Jan 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>+6.2</b>          | <b>+4.9</b>           | <b>-1.5</b>             | +2.9         | <b>+38</b>        | <b>+62</b>     | +81            | +54            | +15          |
| 48%                  | 37%                   | 66%                     | 74%          | 69%               | 69%            | 68%            | 61%            | 56%          |

| FERTILITY         |                 | CARCASS     |             |              |               |             |             |         |
|-------------------|-----------------|-------------|-------------|--------------|---------------|-------------|-------------|---------|
| Scrotal Size (cm) | Days to Calving | Carc Weight | EMA (sq cm) | Rib Fat (mm) | Rump Fat (mm) | RBY (%)     | IMF (%)     | Dockity |
| <b>+3.8</b>       | <b>-4.4</b>     | <b>+66</b>  | <b>+7.6</b> | <b>+1.3</b>  | +1.0          | <b>+1.4</b> | <b>+0.9</b> | +4      |
| 77%               | 38%             | 57%         | 53%         | 56%          | 59%           | 53%         | 57%         | 57%     |

| STRUCTURAL ASSESSMENT |   |   |   |   |   |   | 7-Dec-18 | Temp. |
|-----------------------|---|---|---|---|---|---|----------|-------|
|                       |   |   |   |   |   |   |          |       |
| 6                     | 6 | 5 | 6 | 5 | 6 | 4 | 41       | 2     |

| INDEX VALUE  |              |              |              | Polled Gene       | Maturity | Mus Score | EYES |             |
|--------------|--------------|--------------|--------------|-------------------|----------|-----------|------|-------------|
| Supermarket  | Grass Fed    | Grain Fed    | EU Index     |                   |          |           |      | Eye Pigment |
| <b>\$129</b> | <b>\$129</b> | <b>\$156</b> | <b>\$147</b> | <b>PP</b><br>Homz | Mid      | C+        |      | 100/100     |
|              |              |              |              |                   |          |           | 3    |             |

Purchaser \_\_\_\_\_

Price \_\_\_\_\_





Pen No. 11 (Muscle Bulls)

Birth Date: 17-Aug-17  
 Society ID: WNAN241  
 Horn/Scurs/Poll: P

- Soft fleshing bull for high carcass value
- High scan for marbling with IMF% EBV among the very top bulls of the breed
- High-end weight/day of age performance - top 20% growth EBVs
- Grainfed \$Index is ranked in top 1% reflecting good balance of profit traits

'Star Lot'

ALLENDALE PUNTER 3  
 ┌ ALLENDALE YACKA  
   ALLENDALE FLORRIE Z33

Sire: **ALLENDALE ANZAC E114 (AEDE114)**  
       ALLENDALE NATIONAL W168  
 ┌ ALLENDALE DAWN B22 (AI) (ET)  
   ALLENDALE DAWN T60 (AI)

QUAMBY PLAINS STOCKMASTER Y118

┌ WIRRUNA FLETCHER F214  
   WIRRUNA LAST DAY B16 (H)

Dam: **WIRRUNA GOLDEN VANITY K139 (WNAK139)**  
       WIRRUNA BERTIE  
 ┌ WIRRUNA GOLDEN VANITY D229  
   WIRRUNA GOLDEN VANITY B162



Jan 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 |
| +0.1                 | +1.7                  | -1.4                    | +4.8         | <b>+40</b>        | <b>+63</b>     | +87            | +63            | +18          |
| 54%                  | 47%                   | 76%                     | 74%          | 70%               | 70%            | 69%            | 65%            | 59%          |

| FERTILITY         |                 | CARCASS     |             |              |               |         |             |            |
|-------------------|-----------------|-------------|-------------|--------------|---------------|---------|-------------|------------|
| Scrotal Size (cm) | Days to Calving | Carc Weight | EMA (sq cm) | Rib Fat (mm) | Rump Fat (mm) | RBV (%) | IMF (%)     | Dockity    |
| <b>+3.1</b>       | <b>-4.7</b>     | <b>+60</b>  | <b>+5.7</b> | <b>+2.1</b>  | <b>+2.8</b>   | -0.7    | <b>+3.2</b> | <b>+10</b> |
| 78%               | 42%             | 61%         | 57%         | 60%          | 63%           | 58%     | 59%         | 56%        |

| STRUCTURAL ASSESSMENT |   |   |   |   |   |   | 7-Dec-18 | Temp. |
|-----------------------|---|---|---|---|---|---|----------|-------|
|                       |   |   |   |   |   |   |          |       |
| 7                     | 7 | 5 | 7 | 6 | 5 | 3 | 39       | 2     |

| \$INDEX VALUE |              |              |              | Polled Gene | Maturity   | Mus Score | EYES     |                    |
|---------------|--------------|--------------|--------------|-------------|------------|-----------|----------|--------------------|
| Supermarket   | Grass Fed    | Grain Fed    | EU Index     | <b>PP</b>   | <i>Mid</i> | <b>C+</b> |          | <i>Eye Pigment</i> |
| <b>\$129</b>  | <b>\$130</b> | <b>\$188</b> | <b>\$146</b> | <i>Homz</i> |            |           | <b>4</b> | <b>100/100</b>     |

Purchaser \_\_\_\_\_

Price \_\_\_\_\_









**Autumn Sale 2019 - Wirruna Poll Herefords**

| Lot No | Animal Tag | Sire                       | CALVING DATE |         |         |        | GROWTH & MATERNAL |          |         |         | FERTILITY |          |          |          | CARCASS DATA DRV's |          |          |          | MUSCLE SCORE |          |          |          | SUMMARY OF PERFORMANCE INFORMATION |          |          |          |                   |          |          |          |          |          |          |          |          |          |          |          |          |          |          |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |       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|--------|------------|----------------------------|--------------|---------|---------|--------|-------------------|----------|---------|---------|-----------|----------|----------|----------|--------------------|----------|----------|----------|--------------|----------|----------|----------|------------------------------------|----------|----------|----------|-------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|----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|        |            |                            | Cl. No       | Cl. Sex | Cl. Age | Cl. Wt | Days to Calve     | Birth Wt | 30 Days | 60 Days | 90 Days   | 120 Days | 150 Days | 180 Days | 210 Days           | 240 Days | 270 Days | 300 Days | 330 Days     | 360 Days | 390 Days | 420 Days | 450 Days                           | 480 Days | 510 Days | 540 Days | 570 Days          | 600 Days | 630 Days | 660 Days | 690 Days | 720 Days | 750 Days | 780 Days | 810 Days | 840 Days | 870 Days | 900 Days | 930 Days | 960 Days | 990 Days | 1020 Days | 1050 Days | 1080 Days | 1110 Days | 1140 Days | 1170 Days | 1200 Days | 1230 Days | 1260 Days | 1290 Days | 1320 Days | 1350 Days | 1380 Days | 1410 Days | 1440 Days | 1470 Days | 1500 Days | 1530 Days | 1560 Days | 1590 Days | 1620 Days | 1650 Days | 1680 Days | 1710 Days | 1740 Days | 1770 Days | 1800 Days | 1830 Days | 1860 Days | 1890 Days | 1920 Days | 1950 Days | 1980 Days | 2010 Days | 2040 Days | 2070 Days | 2100 Days | 2130 Days | 2160 Days | 2190 Days | 2220 Days | 2250 Days | 2280 Days | 2310 Days | 2340 Days | 2370 Days | 2400 Days | 2430 Days | 2460 Days | 2490 Days | 2520 Days | 2550 Days | 2580 Days | 2610 Days | 2640 Days | 2670 Days | 2700 Days | 2730 Days | 2760 Days | 2790 Days | 2820 Days | 2850 Days | 2880 Days | 2910 Days | 2940 Days | 2970 Days | 3000 Days | 3030 Days | 3060 Days | 3090 Days | 3120 Days | 3150 Days | 3180 Days | 3210 Days | 3240 Days | 3270 Days | 3300 Days | 3330 Days | 3360 Days | 3390 Days | 3420 Days | 3450 Days | 3480 Days | 3510 Days | 3540 Days | 3570 Days | 3600 Days | 3630 Days | 3660 Days | 3690 Days | 3720 Days | 3750 Days | 3780 Days | 3810 Days | 3840 Days | 3870 Days | 3900 Days | 3930 Days | 3960 Days | 3990 Days | 4020 Days | 4050 Days | 4080 Days | 4110 Days | 4140 Days | 4170 Days | 4200 Days | 4230 Days | 4260 Days | 4290 Days | 4320 Days | 4350 Days | 4380 Days | 4410 Days | 4440 Days | 4470 Days | 4500 Days | 4530 Days | 4560 Days | 4590 Days | 4620 Days | 4650 Days | 4680 Days | 4710 Days | 4740 Days | 4770 Days | 4800 Days | 4830 Days | 4860 Days | 4890 Days | 4920 Days | 4950 Days | 4980 Days | 5010 Days | 5040 Days | 5070 Days | 5100 Days | 5130 Days | 5160 Days | 5190 Days | 5220 Days | 5250 Days | 5280 Days | 5310 Days | 5340 Days | 5370 Days | 5400 Days | 5430 Days | 5460 Days | 5490 Days | 5520 Days | 5550 Days | 5580 Days | 5610 Days | 5640 Days | 5670 Days | 5700 Days | 5730 Days | 5760 Days | 5790 Days | 5820 Days | 5850 Days | 5880 Days | 5910 Days | 5940 Days | 5970 Days | 6000 Days | 6030 Days | 6060 Days | 6090 Days | 6120 Days | 6150 Days | 6180 Days | 6210 Days | 6240 Days | 6270 Days | 6300 Days | 6330 Days | 6360 Days | 6390 Days | 6420 Days | 6450 Days | 6480 Days | 6510 Days | 6540 Days | 6570 Days | 6600 Days | 6630 Days | 6660 Days | 6690 Days | 6720 Days | 6750 Days | 6780 Days | 6810 Days | 6840 Days | 6870 Days | 6900 Days | 6930 Days | 6960 Days | 6990 Days | 7020 Days | 7050 Days | 7080 Days | 7110 Days | 7140 Days | 7170 Days | 7200 Days | 7230 Days | 7260 Days | 7290 Days | 7320 Days | 7350 Days | 7380 Days | 7410 Days | 7440 Days | 7470 Days | 7500 Days | 7530 Days | 7560 Days | 7590 Days | 7620 Days | 7650 Days | 7680 Days | 7710 Days | 7740 Days | 7770 Days | 7800 Days | 7830 Days | 7860 Days | 7890 Days | 7920 Days | 7950 Days | 7980 Days | 8010 Days | 8040 Days | 8070 Days | 8100 Days | 8130 Days | 8160 Days | 8190 Days | 8220 Days | 8250 Days | 8280 Days | 8310 Days | 8340 Days | 8370 Days | 8400 Days | 8430 Days | 8460 Days | 8490 Days | 8520 Days | 8550 Days | 8580 Days | 8610 Days | 8640 Days | 8670 Days | 8700 Days | 8730 Days | 8760 Days | 8790 Days | 8820 Days | 8850 Days | 8880 Days | 8910 Days | 8940 Days | 8970 Days | 9000 Days | 9030 Days | 9060 Days | 9090 Days | 9120 Days | 9150 Days | 9180 Days | 9210 Days | 9240 Days | 9270 Days | 9300 Days | 9330 Days | 9360 Days | 9390 Days | 9420 Days | 9450 Days | 9480 Days | 9510 Days | 9540 Days | 9570 Days | 9600 Days | 9630 Days | 9660 Days | 9690 Days | 9720 Days | 9750 Days | 9780 Days | 9810 Days | 9840 Days | 9870 Days | 9900 Days | 9930 Days | 9960 Days | 9990 Days | 10020 Days | 10050 Days | 10080 Days | 10110 Days | 10140 Days | 10170 Days | 10200 Days | 10230 Days | 10260 Days | 10290 Days | 10320 Days | 10350 Days | 10380 Days | 10410 Days | 10440 Days | 10470 Days | 10500 Days | 10530 Days | 10560 Days | 10590 Days | 10620 Days | 10650 Days | 10680 Days | 10710 Days | 10740 Days | 10770 Days | 10800 Days | 10830 Days | 10860 Days | 10890 Days | 10920 Days | 10950 Days | 10980 Days | 11010 Days | 11040 Days | 11070 Days | 11100 Days | 11130 Days | 11160 Days | 11190 Days | 11220 Days | 11250 Days | 11280 Days | 11310 Days | 11340 Days | 11370 Days | 11400 Days | 11430 Days | 11460 Days | 11490 Days | 11520 Days | 11550 Days | 11580 Days | 11610 Days | 11640 Days | 11670 Days | 11700 Days | 11730 Days | 11760 Days | 11790 Days | 11820 Days | 11850 Days | 11880 Days | 11910 Days | 11940 Days | 11970 Days | 12000 Days | 12030 Days | 12060 Days | 12090 Days | 12120 Days | 12150 Days | 12180 Days | 12210 Days | 12240 Days | 12270 Days | 12300 Days | 12330 Days | 12360 Days | 12390 Days | 12420 Days | 12450 Days | 12480 Days | 12510 Days | 12540 Days | 12570 Days | 12600 Days | 12630 Days | 12660 Days | 12690 Days | 12720 Days | 12750 Days | 12780 Days | 12810 Days | 12840 Days | 12870 Days | 12900 Days | 12930 Days | 12960 Days | 12990 Days | 13020 Days | 13050 Days | 13080 Days | 13110 Days | 13140 Days | 13170 Days | 13200 Days | 13230 Days | 13260 Days | 13290 Days | 13320 Days | 13350 Days | 13380 Days | 13410 Days | 13440 Days | 13470 Days | 13500 Days | 13530 Days | 13560 Days | 13590 Days | 13620 Days | 13650 Days | 13680 Days | 13710 Days | 13740 Days | 13770 Days | 13800 Days | 13830 Days | 13860 Days | 13890 Days | 13920 Days | 13950 Days | 13980 Days | 14010 Days | 14040 Days | 14070 Days | 14100 Days | 14130 Days | 14160 Days | 14190 Days | 14220 Days | 14250 Days | 14280 Days | 14310 Days | 14340 Days | 14370 Days | 14400 Days | 14430 Days | 14460 Days | 14490 Days | 14520 Days | 14550 Days | 14580 Days | 14610 Days | 14640 Days | 14670 Days | 14700 Days | 14730 Days | 14760 Days | 14790 Days | 14820 Days | 14850 Days | 14880 Days | 14910 Days | 14940 Days | 14970 Days | 15000 Days | 15030 Days | 15060 Days | 15090 Days | 15120 Days | 15150 Days | 15180 Days | 15210 Days | 15240 Days | 15270 Days | 15300 Days | 15330 Days | 15360 Days | 15390 Days | 15420 Days | 15450 Days | 15480 Days | 15510 Days | 15540 Days | 15570 Days | 15600 Days | 15630 Days | 15660 Days | 15690 Days | 15720 Days | 15750 Days | 15780 Days | 15810 Days | 15840 Days | 15870 Days | 15900 Days | 15930 Days | 15960 Days | 15990 Days | 16020 Days | 16050 Days | 16080 Days | 16110 Days | 16140 Days | 16170 Days | 16200 Days | 16230 Days | 16260 Days | 16290 Days | 16320 Days | 16350 Days | 16380 Days | 16410 Days | 16440 Days | 16470 Days | 16500 Days | 16530 Days | 16560 Days | 16590 Days | 16620 Days | 16650 Days | 16680 Days | 16710 Days | 16740 Days | 16770 Days | 16800 Days | 16830 Days | 16860 Days | 16890 Days | 16920 Days | 16950 Days | 16980 Days | 17010 Days | 17040 Days | 17070 Days | 17100 Days | 17130 Days | 17160 Days | 17190 Days | 17220 Days | 17250 Days | 17280 Days | 17310 Days | 17340 Days | 17370 Days | 17400 Days | 17430 Days | 17460 Days | 17490 Days | 17520 Days | 17550 Days | 17580 Days | 17610 Days | 17640 Days | 17670 Days | 17700 Days | 17730 Days | 17760 Days | 17790 Days | 17820 Days | 17850 Days | 17880 Days | 17910 Days | 17940 Days | 17970 Days | 18000 Days | 18030 Days | 18060 Days | 18090 Days | 18120 Days | 18150 Days | 18180 Days | 18210 Days | 18240 Days | 18270 Days | 18300 Days | 18330 Days | 18360 Days | 18390 Days | 18420 Days | 18450 Days | 18480 Days | 18510 Days | 18540 Days | 18570 Days | 18600 Days | 18630 Days | 18660 Days | 18690 Days | 18720 Days | 18750 Days | 18780 Days | 18810 Days | 18840 Days | 18870 Days | 18900 Days | 18930 Days | 18960 Days | 18990 Days | 19020 Days | 19050 Days | 19080 Days | 19110 Days | 19140 Days | 19170 Days | 19200 Days | 19230 Days | 19260 Days | 19290 Days | 19320 Days | 19350 Days | 19380 Days | 19410 Days | 19440 Days | 19470 Days | 19500 Days | 19530 Days | 19560 Days | 19590 Days | 19620 Days | 19650 Days | 19680 Days | 19710 Days | 19740 Days | 19770 Days | 19800 Days | 19830 Days | 19860 Days | 19890 Days | 19920 Days | 19950 Days | 19980 Days | 20010 Days | 20040 Days | 20070 Days | 20100 Days | 20130 Days | 20160 Days | 20190 Days | 20220 Days | 20250 Days | 20280 Days | 20310 Days | 20340 Days | 20370 Days | 20400 Days | 20430 Days | 20460 Days | 20490 Days | 20520 Days | 20550 Days | 20580 Days | 20610 Days | 20640 Days | 20670 Days | 20700 Days | 20730 Days | 20760 Days | 20790 Days | 20820 Days | 20850 Days | 20880 Days | 20910 Days | 20940 Days | 20970 Days | 21000 Days | 21030 Days | 21060 Days | 21090 Days | 21120 Days | 21150 Days | 21180 Days | 21210 Days | 21240 Days | 21270 Days | 21300 Days | 21330 Days | 21360 Days | 21390 Days | 21420 Days | 21450 Days | 21480 Days | 21510 Days | 21540 Days | 21570 Days | 21600 Days | 21630 Days | 21660 Days | 21690 Days | 21720 Days | 21750 Days | 21780 Days | 21810 Days | 21840 Days | 21870 Days | 21900 Days | 21930 Days | 21960 Days | 21990 Days | 22020 Days | 22050 Days | 22080 Days | 22110 Days | 22140 Days | 22170 Days | 22200 Days | 22230 Days | 22260 Days | 22290 Days | 22320 Days | 22350 Days | 22380 Days | 22410 Days | 22440 Days | 22470 Days | 22500 Days | 22530 Days | 22560 Days | 22590 Days | 22620 Days | 22650 Days | 22680 Days | 22710 Days | 22740 Days | 22770 Days | 22800 Days | 22830 Days | 22860 Days | 22890 Days | 22920 Days | 22950 Days | 22980 Days | 23010 Days | 23040 Days | 23070 Days | 23100 Days | 23130 Days | 23160 Days | 23190 Days | 23220 Days | 23250 Days | 23280 Days | 23310 Days | 23340 Days | 23370 Days | 23400 Days | 23430 Days | 23460 Days | 23490 Days | 23520 Days | 23550 Days | 23580 Days | 23610 Days | 23640 Days | 23670 Days | 23700 Days | 23730 Days | 23760 Days | 23790 Days | 23820 Days | 23850 Days | 23880 Days | 23910 Days | 23940 Days | 23970 Days | 24000 Days | 24030 Days | 24060 Days | 24090 Days | 24120 Days | 24150 Days | 24180 Days | 24210 Days | 24240 Days | 24270 Days | 24300 Days | 24330 Days | 24360 Days | 24390 Days | 24420 Days | 24450 Days | 24480 Days | 24510 Days | 24540 Days | 24570 Days | 24600 Days | 24630 Days | 24660 Days | 24690 Days | 24720 Days | 24750 Days | 24780 Days | 24810 Days | 24840 Days | 24870 Days | 24900 Days | 24930 Days | 24960 Days | 24990 Days | 25020 Days | 25050 Days | 25080 Days | 25110 Days | 25140 Days | 25170 Days | 25200 Days | 25230 Days | 25260 Days | 25290 Days | 25320 Days | 25350 Days | 25380 Days | 25410 Days | 25440 Days | 25470 Days | 25500 Days | 25530 Days | 25560 Days | 25590 Days | 25620 Days | 25650 Days | 25680 Days | 25710 Days | 25740 Days | 25770 Days | 25800 Days | 25830 Days | 25860 Days | 25890 Days | 25920 Days | 25950 Days | 25980 Days | 26010 Days | 26040 Days | 26070 Days | 26100 Days | 26130 Days | 26160 Days | 26190 Days | 26220 Days | 26250 Days | 26280 Days | 26310 Days | 26340 Days | 26370 Days | 26400 Days | 26430 Days | 26460 Days | 26490 Days | 26520 Days | 26550 Days | 26580 Days | 26610 Days | 26640 Days | 26670 Days | 26700 Days | 26730 Days | 26760 Days | 26790 Days | 26820 Days | 26850 Days | 26880 Days | 26910 Days | 26940 Days | 26970 Days | 27000 Days | 27030 Days | 27060 Days | 27090 Days | 27120 Days | 27150 Days | 27180 Days | 27210 Days | 27240 Days | 27270 Days | 27300 Days | 27330 Days | 27360 Days | 27390 Days | 27420 Days | 27450 Days | 27480 Days | 27510 Days | 27540 Days | 27570 Days | 27600 Days | 27630 Days | 27660 Days | 27690 Days | 27720 Days | 27750 Days | 27780 Days | 27810 Days | 27840 Days | 27870 Days | 27900 Days | 27930 Days | 27960 Days | 27990 Days | 28020 Days | 28050 Days | 28080 Days | 28110 Days | 28140 Days | 28170 Days | 28200 Days | 28230 Days | 28260 Days | 28290 Days | 28320 Days | 28350 Days | 28380 Days | 28410 Days | 28440 Days | 28470 Days | 28500 Days | 28530 Days | 28560 Days | 28590 Days | 28620 Days | 28650 Days | 28680 Days | 28710 Days | 28740 Days | 28770 Days | 28800 Days | 28830 Days | 28860 Days | 28890 Days | 28920 Days | 28950 Days | 28980 Days | 29010 Days | 29040 Days | 29070 Days | 29100 Days | 29130 Days | 29160 Days | 29190 Days | 29220 Days | 29250 Days | 29280 Days | 29310 Days | 29340 Days | 29370 Days | 29400 Days | 29430 Days | 29460 Days | 29490 Days | 29520 Days | 29550 Days | 29580 Days | 29610 Days | 29640 Days | 29670 Days | 29700 Days | 29730 Days | 29760 Days | 29790 Days | 29820 Days | 29850 Days | 29880 Days | 29910 Days |
| 29     | N209       | ALLENDALE ANZAC E114       | +6.1         | +3.0    | -3.0    | +1.6   | +3.0              | +4.5     | +39     | +41     | +16       | +1.9     | -4.7     | 35       | +51                | +5.2     | +1.6     | +1.9     | +0.4         | +1.9     | +10      | C+       | \$110                              | \$112    | \$148    | \$127    | 10 (Muscle Balls) |          |          |          |          |          |          |          |          |          |          |          |          |          |          |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |       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| 30     | N230       | KCF BENNETT REVOLUTION X51 | +10.6        | +7.8    | -3.0    | +1.9   | +3.6              | +5.7     | +72     | +34     | +18       | +1.9     | -3.0     | 36       | +63                | +7.3     | +1.6     |          |              |          |          |          |                                    |          |          |          |                   |          |          |          |          |          |          |          |          |          |          |          |          |          |          |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |       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**Autumn Sale 2019 - Wirruna Poll Herefords** **Summary of Performance Information**

| Lot No                    | Animal Tag | Jan 2019 GROUP BREEDPLAN EBVs |         | CALVING EASE         |                   | GROWTH & MATERNAL  |             | FERTILITY   |                 | CARCASS DATA EBVs |                  |                    |          | MUSCLE SCORES |          | INDRY VALUE  |               | NOTES/PEN/PURPOSE |          |     |      |       |       |       |                     |                                       |
|---------------------------|------------|-------------------------------|---------|----------------------|-------------------|--------------------|-------------|-------------|-----------------|-------------------|------------------|--------------------|----------|---------------|----------|--------------|---------------|-------------------|----------|-----|------|-------|-------|-------|---------------------|---------------------------------------|
|                           |            | CE (kg)                       | PS (kg) | Days to Calve (days) | Birth Weight (kg) | 30 Day Growth (kg) | Weight (kg) | Weight (kg) | Survival (Cubs) | Sex Ratio (Cubs)  | Sex Ratio (Cubs) | Carcase Yield (kg) | REA (kg) | RIB (cm)      | RIB (PS) | Density (PS) | Shoulder (kg) |                   | Eye (kg) |     |      |       |       |       |                     |                                       |
| 57                        | N192       | +6.7                          | +0.8    | -1.8                 | +2.0              | +2.8               | +49         | +66         | +64             | +17               | -4.7             | -5.1               | 39       | +50           | +4.8     | +1.4         | +2.0          | +0.1              | +1.5     | +9  | C    | \$110 | \$111 | \$140 | \$127               | 5 (Good Herd Bulls)                   |
| 58                        | N193       | +4.4                          | +3.3    | -2.9                 | +3.4              | +3.7               | +60         | +79         | +54             | +16               | +2.5             | -4.3               | 38       | +54           | +3.8     | +0.0         | -0.8          | +0.8              | -1.8     | +1  | C+   | \$116 | \$115 | \$157 | \$136               | 5 (Good Herd Bulls)                   |
| 59                        | N253       | +2.8                          | +2.9    | -3.4                 | +5.0              | +4.1               | +66         | +90         | +67             | +19               | -2.9             | -5.8               | 37       | +61           | +3.2     | +1.3         | +1.6          | -0.1              | -0.9     | +0  | C+   | \$123 | \$120 | \$146 | \$136               | 5 (Good Herd Bulls)                   |
| 60                        | N286       | +2.0                          | +0.0    | -0.3                 | +4.5              | +3.6               | +53         | +73         | +43             | +12               | -3.1             | -5.9               | 37       | +52           | +3.9     | +1.1         | +1.8          | +0.5              | -1.5     | +9  | C    | \$115 | \$116 | \$153 | \$134               | 5 (Good Herd Bulls)                   |
| 61                        | N410       | +3.6                          | -1.8    | -0.4                 | +4.7              | +3.5               | +58         | +74         | +75             | +11               | -4.1             | -3.5               | 40       | +49           | +3.3     | +0.7         | +0.2          | +0.6              | +7       | C   | \$92 | \$89  | \$104 | \$105 | 5 (Good Herd Bulls) |                                       |
| 62                        | N491       | +7.1                          | +3.9    | +1.8                 | +1.3              | +3.6               | +59         | +72         | +53             | +15               | +2.2             | -5.2               | 37       | +61           | +4.5     | +0.0         | -0.6          | +1.5              | +0.5     | -2  | C+   | \$113 | \$112 | \$132 | \$131               | 5 (Good Herd Bulls)                   |
| 63                        | N510       | -0.8                          | +4.2    | -0.4                 | +6.4              | +3.5               | +59         | +86         | +69             | +16               | -4.1             | -6.1               | 38       | +54           | +4.4     | +1.9         | +2.4          | -0.1              | +1.7     | -13 | C+   | \$122 | \$121 | \$160 | \$139               | 5 (Good Herd Bulls)                   |
| <i>Breed Avg. 17 drop</i> |            |                               |         |                      |                   |                    |             |             |                 |                   |                  |                    |          |               |          |              |               |                   |          |     |      |       |       |       |                     |                                       |
|                           |            | +1.1                          | +1.2    | -0.3                 | +4.4              | +3.3               | +54         | +77         | +67             | +16               | -2.0             | -2.7               |          | +50           | +3.3     | +0.5         | +0.5          | +0.8              | +0.4     | +2  |      | \$88  | \$83  | \$95  | \$98                |                                       |
|                           |            | +5.7                          | +4.0    | -1.5                 | +2.8              | +3.8               | +62         | +88         | +82             | +19               | +2.5             | -3.9               |          | +58           | +4.3     | +1.0         | +1.4          | +1.3              | +0.8     | +9  |      | \$106 | \$102 | \$122 | \$118               | Yellow highlight: Rank in the top 20% |
|                           |            | +8.8                          | +6.4    | -3.2                 | +0.9              | +4.2               | +70         | +100        | +85             | +22               | +3.2             | -5.0               |          | +67           | +5.5     | +1.6         | +2.2          | +1.9              | +1.3     | +15 |      | \$125 | \$122 | \$151 | \$139               | Black highlight: Rank in the top 5%   |

|  |  |      |      |      |      |      |     |     |     |     |      |      |  |     |      |      |      |      |      |      |  |       |       |       |       |
|--|--|------|------|------|------|------|-----|-----|-----|-----|------|------|--|-----|------|------|------|------|------|------|--|-------|-------|-------|-------|
|  |  | +5.6 | +4.2 | -2.9 | +3.3 | +3.8 | +64 | +86 | +68 | +18 | +3.0 | -4.9 |  | +66 | +5.3 | +1.3 | +1.6 | +0.7 | +1.6 | +3.8 |  | \$181 | \$130 | \$168 | \$148 |
|--|--|------|------|------|------|------|-----|-----|-----|-----|------|------|--|-----|------|------|------|------|------|------|--|-------|-------|-------|-------|









Pen No. 11 (Muscle Bulls)

Birth Date: 18-Aug-17  
 Society ID: WNAN250  
 Horn/Scurs/Poll: P

- A soft-coated ET calf with well-fleshed carcase
- No.1 bull catalogued for EMA EBV - top 1% CWT, top 5% for fats, IMF% & RBV%
- One of the better bulls in the catalogue for the profit EBVs - top 1% \$Indices
- Ticks most boxes - tidy sheath, easy calving & good early growth

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

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

Dam: **WIRRUNA DOREEN H5 (WNAH5)**  
 ┌ WIRRUNA DEBARRY D145  
   WIRRUNA DOREEN F229  
   WIRRUNA DOREEN C9

*Easy-calve*



Jan 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>+4.7</b>           | <b>-1.6</b>             | <b>+2.6</b>  | <b>+38</b>        | <b>+64</b>     | +86            | +45            | <b>+21</b>   |
| 48%                  | 37%                   | 67%                     | 74%          | 69%               | 69%            | 68%            | 61%            | 57%          |

| FERTILITY         |                 | CARCASE     |             |              |               |             |             |          |
|-------------------|-----------------|-------------|-------------|--------------|---------------|-------------|-------------|----------|
| Serotal Size (cm) | Days to Calving | Carc Weight | EMA (sq cm) | Rib Fat (mm) | Rump Fat (mm) | RBV (%)     | IMF (%)     | Docility |
| <b>+2.7</b>       | <b>-3.9</b>     | <b>+75</b>  | <b>+9.5</b> | <b>+2.1</b>  | <b>+2.4</b>   | <b>+2.0</b> | <b>+1.3</b> | -5       |
| 77%               | 38%             | 57%         | 53%         | 56%          | 59%           | 53%         | 57%         | 57%      |

| STRUCTURAL ASSESSMENT |           |            |           |           |           |           | 7-Dec-18       | Temp. |
|-----------------------|-----------|------------|-----------|-----------|-----------|-----------|----------------|-------|
| Front<br>7            | Back<br>6 | Front<br>6 | Back<br>6 | Side<br>5 | Side<br>5 | Side<br>5 | 5-Dec-18<br>38 | 2     |

| INDEX VALUE  |              |              |              | Polled Gene       | Maturity | Mus Score | EYES |             |
|--------------|--------------|--------------|--------------|-------------------|----------|-----------|------|-------------|
| Supermarket  | Grass Fed    | Grain Fed    | EU Index     | <b>PP</b><br>Homz | Mid      | C+        | 4    | Eye Pigment |
| <b>\$144</b> | <b>\$145</b> | <b>\$178</b> | <b>\$160</b> |                   |          |           |      | 100/100     |

Purchaser \_\_\_\_\_

Price \_\_\_\_\_



Pen No. 11 (Muscle Bulls)

Birth Date: 18-Aug-17  
 Society ID: WNAN257  
 Horn/Scurs/Poll: P

- Muscle bull with good trait balance
- Carries herd boosting carcase traits, top 1% EMA & top 5% IMF%
- Below average BWT, strong growth & positive calving ease
- Good weight/day of age performance with top 1% profit EBVs (\$Index)

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  
  
       YARRAM LOTTERY X122 (H)  
 ┌ ELITE X122 H2  
   ELITE LASSIE Y781 F15  
 Dam: **WIRRUNA GOLDEN VANITY K15 (WNAK15)**  
       VALMA MAGNUM II  
 ┌ WIRRUNA GOLDEN VANITY H139  
   WIRRUNA GOLDEN VANITY B145

*Easy-calve*



Jan 2019 GROUP BREEDPLAN EBV's

| CALVING EASE         |                       |                         |              | <input checked="" type="checkbox"/> | 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>+4.2</b>           | -1.3                    | +4.0         | <b>+41</b>                          | <b>+75</b>        | <b>+97</b>     | +69            | <b>+20</b>   |  |
| 45%                  | 34%                   | 76%                     | 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 (%)     | Dockity    |
| +1.6              | <b>-3.9</b>     | <b>+75</b>  | <b>+8.8</b> | <b>+1.5</b>  | <b>+1.7</b>   | <b>+1.4</b> | <b>+1.6</b> | <b>+13</b> |
| 77%               | 35%             | 56%         | 52%         | 55%          | 59%           | 52%         | 55%         | 52%        |

| STRUCTURAL ASSESSMENT |   |   |   |   |   |   | 7-Dec-18 | Temp. |
|-----------------------|---|---|---|---|---|---|----------|-------|
|                       |   |   |   |   |   |   |          |       |
| 7                     | 6 | 5 | 6 | 5 | 5 | 4 | 34       | 2     |

| INDEX VALUE  |              |              |              | Polled Gene       | Maturity | Mus Score | EYES |             |
|--------------|--------------|--------------|--------------|-------------------|----------|-----------|------|-------------|
| Supermarket  | Grass Fed    | Grain Fed    | EU Index     |                   |          |           |      | Eye Pigment |
| <b>\$145</b> | <b>\$144</b> | <b>\$181</b> | <b>\$161</b> | <b>PP</b><br>Homz | Mid      | C+        |      | 100/100     |
|              |              |              |              |                   |          |           | 4    |             |

Purchaser \_\_\_\_\_

Price \_\_\_\_\_



Pen No. 11 (Muscle Bulls)

Birth Date: 21-Aug-17  
 Society ID: WNAN296  
 Horn/Scurs/Poll: S

- Soft, dark-red coated X51 with depth & squareness
- Inherited muscle (top 1% EMA) with cow fertility (top 1% DtC) traits
- Rare to have high yield (top 5% RBV%) with positive fat traits
- Independently assessed for structural soundness with good report card

Scurs

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

EF F524 FELLIS 821C

┌ MOUNT DIFFICULT FELLIS Y12 (AI)  
 MOUNT DIFFICULT TIGRESS U5

Dam: **WIRRUNA VICTORIA E156 (WNAE156)**

SOUTH BUKALONG UNIVERSAL 6

┌ SOUTH BUKALONG VICTORIA 202  
 SOUTH BUKALONG VICTORIA 152



Jan 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 |
| +5.5                 | <b>+4.0</b>           | +0.0                    | +5.3         | <b>+40</b>        | <b>+64</b>     | +83            | +65            | +12          |
| 50%                  | 41%                   | 76%                     | 75%          | 71%               | 71%            | 69%            | 63%            | 60%          |

| FERTILITY         |                 | CARCASE     |             |              |               |             |         |        |
|-------------------|-----------------|-------------|-------------|--------------|---------------|-------------|---------|--------|
| Serotal Size (cm) | Days to Calving | Carc Weight | EMA (sq cm) | Rib Fat (mm) | Rump Fat (mm) | RBV (%)     | IMF (%) | Docity |
| <b>+3.1</b>       | <b>-6.9</b>     | <b>+64</b>  | <b>+8.2</b> | <b>+1.0</b>  | +1.1          | <b>+2.5</b> | +0.2    | -5     |
| 79%               | 43%             | 60%         | 56%         | 59%          | 62%           | 56%         | 60%     | 60%    |

| STRUCTURAL ASSESSMENT |   |   |   |   |   | 7-Dec-18 | Temp. |
|-----------------------|---|---|---|---|---|----------|-------|
|                       |   |   |   |   |   |          |       |
| 6                     | 5 | 5 | 6 | 5 | 5 | 3        | 40    |

| INDEX VALUE  |              |              |              | Polled Gene       | Maturity | Mus Score | EYES |             |
|--------------|--------------|--------------|--------------|-------------------|----------|-----------|------|-------------|
| Supermarket  | Grass Fed    | Grain Fed    | EU Index     |                   |          |           |      | Eye Pigment |
| <b>\$134</b> | <b>\$133</b> | <b>\$152</b> | <b>\$156</b> | <b>Ph</b><br>Hetz | Mid      | C+        |      | 85/95       |

Purchaser \_\_\_\_\_

Price \_\_\_\_\_



Pen No. 11 (Muscle Bulls)

Birth Date: 21-Aug-17  
 Society ID: WNAN300  
 Horn/Scurs/Poll: P

- Thick-bodied bull with dark-red coat
- Puts together carcase quantity (top 5% EMA) & quality (top 5% IMF%) traits
- Positive fat (top 1%) for easy-doing & fertile replacements
- Low birthweight (31kg), high calving ease & above average growth

ALLENDALE PUNTER 3  
 ┌ ALLENDALE YACKA  
   ALLENDALE FLORRIE Z33  
 Sire: ALLENDALE ANZAC E114 (AEDE114)  
       ALLENDALE NATIONAL W168  
       └ ALLENDALE DAWN B22 (AI) (ET)  
           ALLENDALE DAWN T60 (AI)  
  
       SOUTH BUKALONG SHAW 3  
       ┌ SOUTH BUKALONG SHANNON 40  
           SOUTH BUKALONG PETAL 88  
 Dam: WIRRUNA CORA J285 (WNAJ285)  
       KOANUI ROCKET 0219  
       └ WIRRUNA CORA D9  
           WIRRUNA CORA B38

*Easy-calve*



Jan 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>+6.1</b>           | +0.2                    | <b>+0.1</b>  | +33               | +58            | +74            | +49            | <b>+20</b>   |
| 55%                  | 50%                   | 75%                     | 74%          | 70%               | 70%            | 69%            | 65%            | 60%          |

| FERTILITY         |                 | CARCASE     |             |              |               |         |             |            |
|-------------------|-----------------|-------------|-------------|--------------|---------------|---------|-------------|------------|
| Scrotal Size (cm) | Days to Calving | Carc Weight | EMA (sq cm) | Rib Fat (mm) | Rump Fat (mm) | RBV (%) | IMF (%)     | Docity     |
| <b>+3.3</b>       | -3.6            | <b>+63</b>  | <b>+5.5</b> | <b>+2.3</b>  | <b>+3.5</b>   | -0.4    | <b>+1.8</b> | <b>+13</b> |
| 78%               | 44%             | 61%         | 57%         | 60%          | 63%           | 59%     | 60%         | 57%        |

| STRUCTURAL ASSESSMENT |   |   |   |   |   |   | 7-Dec-18 | Temp. |
|-----------------------|---|---|---|---|---|---|----------|-------|
|                       |   |   |   |   |   |   |          |       |
| 6                     | 6 | 6 | 6 | 5 | 5 | 3 | 36       | 2     |

| INDEX VALUE  |              |              |              | Polled Gene       | Maturity | Mus Score | EYES |             |
|--------------|--------------|--------------|--------------|-------------------|----------|-----------|------|-------------|
| Supermarket  | Grass Fed    | Grain Fed    | EU Index     |                   |          |           |      | Eye Pigment |
| <b>\$128</b> | <b>\$129</b> | <b>\$161</b> | <b>\$139</b> | <b>PP</b><br>Homz | Mid      | C+        |      | 100/100     |
|              |              |              |              |                   |          |           | 4    |             |

Purchaser \_\_\_\_\_

Price \_\_\_\_\_



Pen No. 11 (Muscle Bulls)

Birth Date: 21-Aug-17  
 Society ID: WNAN307  
 Horn/Scurs/Poll: P

- High \$Index Kalimna calf for carcase
- Top-end IMF% EBV in catalogue & for all 2017 born Herefords
- Below average BWT, top 20% 400D growth, positive CE & structurally sound
- Excellent fertility attributes - top 5% DtC, SS & positive fat traits for heifers

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 DAFFY D1  
 ┌ WIRRUNA GAYLORD G152  
   WIRRUNA URSULA Z46 (S)  
 Dam: WIRRUNA VICTORIA K449 (WNAK449)  
       WIRRUNA BERTIE  
 ┌ WIRRUNA VICTORIA D349  
   SOUTH BUKALONG VICTORIA 217

*Easy-calve*



Jan 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                 | +0.2                  | -1.2                    | +3.2         | +34               | <b>+62</b>     | +80            | +61            | +12          |
| 49%                  | 35%                   | 75%                     | 74%          | 69%               | 69%            | 68%            | 61%            | 45%          |

| FERTILITY         |                 | CARCASE     |             |              |               |         |             |        |
|-------------------|-----------------|-------------|-------------|--------------|---------------|---------|-------------|--------|
| Scrotal Size (cm) | Days to Calving | Carc Weight | EMA (sq cm) | Rib Fat (mm) | Rump Fat (mm) | RBV (%) | IMF (%)     | Docity |
| <b>+3.6</b>       | <b>-5.7</b>     | <b>+62</b>  | <b>+6.9</b> | <b>+2.1</b>  | <b>+2.7</b>   | +0.4    | <b>+2.6</b> | -12    |
| 77%               | 37%             | 57%         | 51%         | 55%          | 60%           | 53%     | 55%         | 53%    |

| STRUCTURAL ASSESSMENT |   |   |   |   |   |   | 7-Dec-18 | Temp. |
|-----------------------|---|---|---|---|---|---|----------|-------|
|                       |   |   |   |   |   |   | 5-Dec-18 |       |
| 6                     | 6 | 5 | 6 | 5 | 5 | 3 | 38       | 1     |

| INDEX VALUE  |              |              |              | Polled Gene       | Maturity | Mus Score | EYES |             |
|--------------|--------------|--------------|--------------|-------------------|----------|-----------|------|-------------|
| Supermarket  | Grass Fed    | Grain Fed    | EU Index     |                   |          |           |      | Eye Pigment |
| <b>\$135</b> | <b>\$137</b> | <b>\$188</b> | <b>\$156</b> | <b>PP</b><br>Homz | Mid      | C+        |      | 100/90      |
|              |              |              |              |                   |          |           | 4    |             |

Purchaser \_\_\_\_\_

Price \_\_\_\_\_



Pen No. 11 (Muscle Bulls)

Birth Date: 22-Aug-17  
 Society ID: WNAN311  
 Horn/Scurs/Poll: S

- Attractive X51 son with soft fleshing ability
- Amongst the top bulls for EMA & RBV% - without stripping out all the genetic fat
- Carries calving ease traits including low BWT & good early growth
- Offers high marbling genetics to lift carcass quality - top 5% of breed

Scurs

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  
  
       ARDO HUSTLER 4110 (IMP)  
 ┌ ELITE 4110 E212  
   SOUTH BUKALONG WINIFRED 54  
 Dam: **WIRRUNA GOLDEN VANITY H53 (WNAH53)**  
       WIRRUNA DAVY D121  
 ┌ WIRRUNA GOLDEN VANITY F177  
   WIRRUNA GOLDEN VANITY D61

*Easy-calve*



Jan 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>+4.5</b>           | -0.9                    | <b>+2.1</b>  | +37               | +59            | +77            | +43            | +14          |
| 46%                  | 36%                   | 75%                     | 73%          | 69%               | 69%            | 67%            | 61%            | 56%          |

| FERTILITY         |                 | CARCASS     |             |              |               |             |             |          |
|-------------------|-----------------|-------------|-------------|--------------|---------------|-------------|-------------|----------|
| Scrotal Size (cm) | Days to Calving | Carc Weight | EMA (sq cm) | Rib Fat (mm) | Rump Fat (mm) | RBV (%)     | IMF (%)     | Docility |
| +2.0              | -2.5            | <b>+68</b>  | <b>+9.3</b> | <b>+1.0</b>  | +0.9          | <b>+2.2</b> | <b>+1.7</b> | -2       |
| 77%               | 38%             | 57%         | 53%         | 56%          | 60%           | 53%         | 56%         | 55%      |

| STRUCTURAL ASSESSMENT |   |   |   |   |   |   | 7-Dec-18 | Temp. |
|-----------------------|---|---|---|---|---|---|----------|-------|
|                       |   |   |   |   |   |   | 5-Dec-18 |       |
| 6                     | 6 | 5 | 6 | 5 | 6 | 4 | 39       | 2     |

| INDEX VALUE  |              |              |              | Polled Gene       | Maturity | Mus Score | EYES |             |
|--------------|--------------|--------------|--------------|-------------------|----------|-----------|------|-------------|
| Supermarket  | Grass Fed    | Grain Fed    | EU Index     | <b>Ph</b><br>Hetz | Mid      | C+        |      | Eye Pigment |
| <b>\$130</b> | <b>\$132</b> | <b>\$169</b> | <b>\$148</b> |                   |          |           |      | 3           |

Purchaser \_\_\_\_\_

Price \_\_\_\_\_



Pen No. 11 (Muscle Bulls)

Birth Date: 30-Aug-17  
 Society ID: WNAN395  
 Horn/Scurs/Poll: P

- Shows good length & muscle conformation
- Use to boost carcass weight & muscle - top 5% CWT & top 10% EMA
- Excellent fertility - short DtC EBV (top 5%), large testicles & high SS EBV (top 1%)
- A good-footed bull that has a very quiet disposition

STUDBROOK D'ARTAGNION V086 (AI) (ET)  
 ┌ OTAPAWA SPARK 3060 (IMP)  
   OTAPAWA SPOT P30

Sire: **WIRRUNA KANE K18 (WNAK18)**

WIRRUNA DAFFY D1  
 ┌ WIRRUNA GOLDEN VANITY G112  
   WIRRUNA GOLDEN VANITY D136

WIRRUNA VICKERY (S)  
 ┌ WIRRUNA EXETER E184  
   MOUNT DIFFICULT SILVER QUEEN B117

Dam: **WIRRUNA AMABEL G359 (WNA359)**

ARDO RUSSIA 4133  
 ┌ WIRRUNA AMABEL D37  
   WIRRUNA AMABEL B287



Jan 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 |
| +4.6                 | +1.8                  | -2.2                    | +5.6         | +39               | +65            | +95            | +87            | +19          |
| 42%                  | 36%                   | 56%                     | 72%          | 66%               | 66%            | 65%            | 59%            | 50%          |

| FERTILITY         |                 | CARCASS     |             |              |               |         |         |          |
|-------------------|-----------------|-------------|-------------|--------------|---------------|---------|---------|----------|
| Scrotal Size (cm) | Days to Calving | Carc Weight | EMA (sq cm) | Rib Fat (mm) | Rump Fat (mm) | RBV (%) | IMF (%) | Docility |
| +4.2              | -5.6            | +67         | +5.1        | +1.2         | +1.8          | +1.5    | +0.6    | -9       |
| 77%               | 39%             | 55%         | 49%         | 54%          | 58%           | 52%     | 52%     | 50%      |

| STRUCTURAL ASSESSMENT |   |   |   |   |   |   | 7-Dec-18 | Temp. |
|-----------------------|---|---|---|---|---|---|----------|-------|
|                       |   |   |   |   |   |   |          |       |
| 6                     | 5 | 5 | 6 | 5 | 5 | 4 | 42       | 1     |

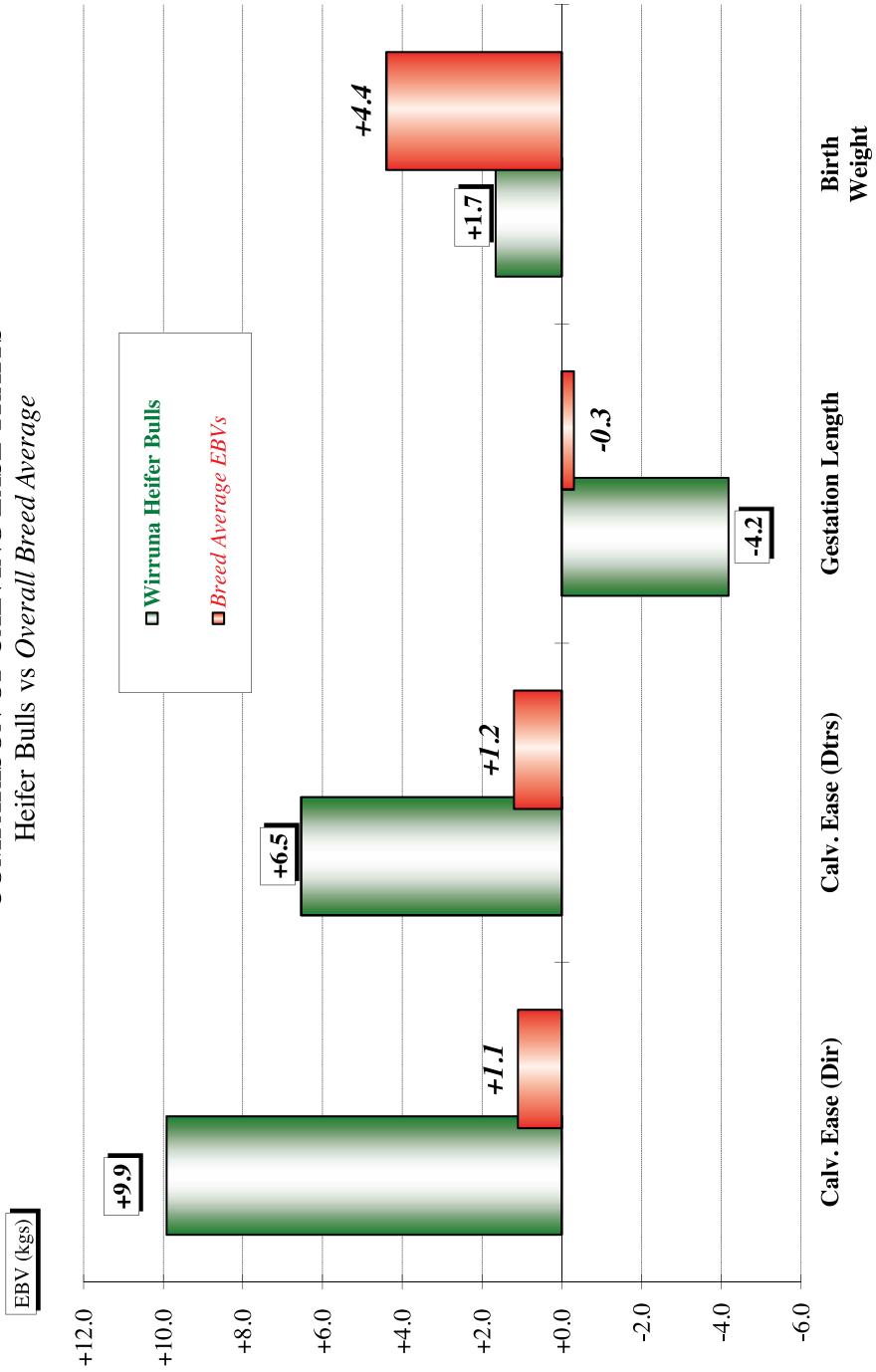
| INDEX VALUE |           |           |          | Polled Gene       | Maturity | Mus Score | EYES |             |
|-------------|-----------|-----------|----------|-------------------|----------|-----------|------|-------------|
| Supermarket | Grass Fed | Grain Fed | EU Index |                   |          |           |      | Eye Pigment |
| \$134       | \$130     | \$150     | \$151    | <b>Ph</b><br>Hetz | Mid      | C+        |      | 25/100      |
|             |           |           |          |                   |          |           | 3    |             |

Purchaser \_\_\_\_\_

Price \_\_\_\_\_

# COMPARISON OF CALVING EASE TRAITS

Heifer Bulls vs Overall Breed Average







Pen No. 3 (Specialist Heifer Bulls)

Birth Date: 4-Aug-17  
 Society ID: CHSN014  
 Horn/Scurs/Poll: P

- A soggy, easy fleshing Chester bull
- Dam & this calf purchased as a pair at the Chester dispersal
- Solid pedigree of calving ease genetics - extra low BWT & positive CE
- Positive carcase traits - top 20% IMF, top 10% EMA

KOANUI ROCKET 0219  
 ┌ REDGATE REDFORD D935  
   REDGATE ROYAL B81

Sire: INJEMIRA REDFORD J084 (IHSJ084)  
       ALLENDALE NATIONAL W168  
 ┌ INJEMIRA HAPPY DAY G019  
   INJEMIRA HAPPY DAY D053

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



Jan 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>+9.7</b>          | <b>+7.1</b>           | <b>-5.2</b>             | <b>+1.2</b>  | +31               | +51            | +65            | +49            | +14          |
| 45%                  | 37%                   | 74%                     | 72%          | 64%               | 64%            | 64%            | 58%            | 48%          |

| FERTILITY         |                 | CARCASE     |             |              |               |             |             |         |
|-------------------|-----------------|-------------|-------------|--------------|---------------|-------------|-------------|---------|
| Scrotal Size (cm) | Days to Calving | Carc Weight | EMA (sq cm) | Rib Fat (mm) | Rump Fat (mm) | RBY (%)     | IMF (%)     | Dockity |
| <b>+2.9</b>       | -3.6            | +55         | <b>+4.9</b> | +0.9         | +1.3          | <b>+1.4</b> | <b>+0.8</b> | -5      |
| 65%               | 35%             | 53%         | 43%         | 46%          | 48%           | 44%         | 45%         | 32%     |

| STRUCTURAL ASSESSMENT |  |  |  |  |  |  | 7-Dec-18 | Temp. |
|-----------------------|--|--|--|--|--|--|----------|-------|
|                       |  |  |  |  |  |  |          |       |

| INDEX VALUE  |              |              |              | Polled Gene       | Maturity | Mus Score | EYES |             |
|--------------|--------------|--------------|--------------|-------------------|----------|-----------|------|-------------|
| Supermarket  | Grass Fed    | Grain Fed    | EU Index     |                   |          |           |      | Eye Pigment |
| <b>\$113</b> | <b>\$114</b> | <b>\$133</b> | <b>\$129</b> | <b>PP</b><br>Homz | Mid      | C+        |      | 100/100     |

Purchaser \_\_\_\_\_

Price \_\_\_\_\_



Pen No. 3 (Specialist Heifer Bulls)

Birth Date: 6-Aug-17  
 Society ID: WNAN020  
 Horn/Scurs/Poll: P

- Good-bodied bull with curve-bending growth
- Short-gestation length for early-born calves that are up and growing earlier
- Among the best bulls in the breed for fertility traits - top 1% SS & DtC
- High marbling & calving ease contributes to top 1% \$Index ranking

'Star Lot'

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

MOUNT DIFFICULT CADBURY

┌ WIRRUNA JACK J12  
 WIRRUNA LAST DAY G63

Dam: **WIRRUNA VICTORIA L163 (WNAL163)**  
 WIRRUNA FLETCHER F214

┌ WIRRUNA VICTORIA H234  
 WIRRUNA VICTORIA F5

*Easy-calve*



Jan 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>+11.1</b>         | <b>+7.8</b>           | <b>-6.4</b>             | <b>+1.6</b>  | +35               | <b>+64</b>     | +87            | +63            | <b>+19</b>   |
| 46%                  | 34%                   | 74%                     | 73%          | 68%               | 68%            | 67%            | 61%            | 51%          |

| FERTILITY         |                 | CARCASE     |             |              |               |         |             |           |
|-------------------|-----------------|-------------|-------------|--------------|---------------|---------|-------------|-----------|
| Scrotal Size (cm) | Days to Calving | Carc Weight | EMA (sq cm) | Rib Fat (mm) | Rump Fat (mm) | RBV (%) | IMF (%)     | Dockity   |
| <b>+5.0</b>       | <b>-7.1</b>     | <b>+68</b>  | +3.6        | <b>+1.3</b>  | <b>+1.7</b>   | +0.2    | <b>+1.3</b> | <b>+9</b> |
| 77%               | 35%             | 57%         | 51%         | 55%          | 59%           | 53%     | 55%         | 45%       |

| STRUCTURAL ASSESSMENT |   |   |   |   |   |   | 7-Dec-18 | Temp. |
|-----------------------|---|---|---|---|---|---|----------|-------|
|                       |   |   |   |   |   |   | 5-Dec-18 |       |
| 5                     | 5 | 5 | 7 | 5 | 5 | 4 | 41       | 1     |

| INDEX VALUE  |              |              |              | Polled Gene       | Maturity | Mus Score | EYES |             |
|--------------|--------------|--------------|--------------|-------------------|----------|-----------|------|-------------|
| Supermarket  | Grass Fed    | Grain Fed    | EU Index     |                   |          |           |      | Eye Pigment |
| <b>\$146</b> | <b>\$145</b> | <b>\$179</b> | <b>\$164</b> | <b>PP</b><br>Homz | Mid      | C+        |      | 90/100      |
|              |              |              |              |                   |          |           | 3    |             |

Purchaser \_\_\_\_\_

Price \_\_\_\_\_



Pen No. 3 (Specialist Heifer Bulls)

Birth Date: 7-Aug-17  
 Society ID: WNAN023  
 Horn/Scurs/Poll: P

- Mischief son's combine CE & growth
- One of the lightest born at 30kg - with above breed average growth
- Higher genetic fat has a positive effect on heifer fertility & beef quality
- Good arithmetic - top 5% ranking for most \$Indices & fertility traits

Not registered

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

SOUTH BUKALONG WALLACE 2

┌ WIRRUNA JAFFA J55  
 WIRRUNA VICTORIA G92

Dam: **WIRRUNA PENELOPE L316 (WNAL316)**  
 WIRRUNA FREDERICK F408

┌ WIRRUNA PENELOPE J543  
 WIRRUNA PENELOPE E361

*Easy-calve*



Jan 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>+12.0</b>         | <b>+7.5</b>           | <b>-5.8</b>             | <b>+0.4</b>  | +31               | +61            | +79            | +63            | +15          |
| 46%                  | 34%                   | 74%                     | 73%          | 68%               | 68%            | 67%            | 60%            | 50%          |

| FERTILITY         |                 | CARCASE     |             |              |               |         |         |        |
|-------------------|-----------------|-------------|-------------|--------------|---------------|---------|---------|--------|
| Scrotal Size (cm) | Days to Calving | Carc Weight | EMA (sq cm) | Rib Fat (mm) | Rump Fat (mm) | RBV (%) | IMF (%) | Docity |
| <b>+3.7</b>       | <b>-6.1</b>     | <b>+62</b>  | +2.8        | <b>+1.9</b>  | <b>+2.8</b>   | +0.3    | +0.6    | -7     |
| 77%               | 36%             | 57%         | 51%         | 55%          | 59%           | 53%     | 55%     | 44%    |

| STRUCTURAL ASSESSMENT |   |   |   |   |   |   | 7-Dec-18 | Temp. |
|-----------------------|---|---|---|---|---|---|----------|-------|
|                       |   |   |   |   |   |   | 5-Dec-18 |       |
| 6                     | 6 | 5 | 6 | 5 | 5 | 4 | 39       | 1     |

| INDEX VALUE  |              |              |              | Polled Gene       | Maturity | Mus Score | EYES |             |
|--------------|--------------|--------------|--------------|-------------------|----------|-----------|------|-------------|
| Supermarket  | Grass Fed    | Grain Fed    | EU Index     |                   |          |           |      | Eye Pigment |
| <b>\$132</b> | <b>\$132</b> | <b>\$148</b> | <b>\$146</b> | <b>PP</b><br>Homz | Mid      | C+        |      | 100/100     |
|              |              |              |              |                   |          |           | 4    |             |

Purchaser \_\_\_\_\_

Price \_\_\_\_\_



Pen No. 3 (Specialist Heifer Bulls)

Birth Date: 8-Aug-17  
 Society ID: WNaN033  
 Horn/Scurs/Poll: P

- Well put together bull with bombproof calving ease
- Ranked in breeds top 5% for calving ease & top 5% for light birthweight
- Carries good early growth (top 20%) & strong milk (top 10%) genetics
- High marbling helps to achieve Grainfed \$Index ranking in top 5%

'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 JAVA J80  
   WIRRUNA VICTORIA G7

Dam: **WIRRUNA MADAM L460 (WNAL460)**  
       WIRRUNA FILBERT F190  
 ┌ WIRRUNA MADAM H326  
   WIRRUNA MADAM F222



Jan 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>+12.0</b>         | <b>+8.8</b>           | <b>-6.0</b>             | <b>+0.7</b>  | <b>+38</b>        | +56            | +74            | +42            | <b>+21</b>   |
| 49%                  | 41%                   | 75%                     | 73%          | 69%               | 69%            | 68%            | 62%            | 56%          |

| FERTILITY         |                 | CARCASS     |             |              |               |             |             |         |
|-------------------|-----------------|-------------|-------------|--------------|---------------|-------------|-------------|---------|
| Scrotal Size (cm) | Days to Calving | Carc Weight | EMA (sq cm) | Rib Fat (mm) | Rump Fat (mm) | RBY (%)     | IMF (%)     | Dockity |
| +1.1              | -3.7            | <b>+65</b>  | +3.6        | +0.2         | -0.6          | <b>+1.3</b> | <b>+1.5</b> | -13     |
| 77%               | 43%             | 60%         | 56%         | 59%          | 62%           | 56%         | 58%         | 54%     |

| STRUCTURAL ASSESSMENT |   |   |   |   |   |   | 7-Dec-18 | Temp. |
|-----------------------|---|---|---|---|---|---|----------|-------|
|                       |   |   |   |   |   |   |          |       |
| 6                     | 6 | 6 | 6 | 5 | 5 | 3 | 35       | 2     |

| INDEX VALUE  |              |              |              | Polled Gene       | Maturity | Mus Score | EYES |             |
|--------------|--------------|--------------|--------------|-------------------|----------|-----------|------|-------------|
| Supermarket  | Grass Fed    | Grain Fed    | EU Index     |                   |          |           |      | Eye Pigment |
| <b>\$122</b> | <b>\$122</b> | <b>\$156</b> | <b>\$139</b> | <b>PP</b><br>Homz | Mid      | C+        |      | 100/100     |
|              |              |              |              |                   |          |           | 4    |             |

Purchaser \_\_\_\_\_

Price \_\_\_\_\_



Pen No. 3 (Specialist Heifer Bulls)

Birth Date: 8-Aug-17  
 Society ID: WNAN036  
 Horn/Scurs/Poll: P

- Dark red & fine coated Mischief son for early born calves
- Offers curve-bending growth - 400D & 600D in top 20% of breed
- Calve heifers with confidence - low BWT & high CE bull (top 5% CE & GL)
- Excellent fertility attributes - top 5% DtC, SS & positive fat traits for heifers

*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  
 MOUNT DIFFICULT CADBURY  
 WIRRUNA JACKAROO J35  
 WIRRUNA MADAM G153  
 Dam: **WIRRUNA MADAM L359 (WNAL359)**  
 WIRRUNA DAFFY D1  
 WIRRUNA MADAM J148  
 WIRRUNA MADAM F192



Jan 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>+11.5</b>         | <b>+7.0</b>           | <b>-5.2</b>             | <b>+2.4</b>  | +34               | <b>+68</b>     | <b>+92</b>     | +80            | +16          |
| 47%                  | 35%                   | 74%                     | 73%          | 68%               | 68%            | 67%            | 60%            | 51%          |

| FERTILITY         |                 | CARCASE     |             |              |               |         |             |        |
|-------------------|-----------------|-------------|-------------|--------------|---------------|---------|-------------|--------|
| Scrotal Size (cm) | Days to Calving | Carc Weight | EMA (sq cm) | Rib Fat (mm) | Rump Fat (mm) | RBV (%) | IMF (%)     | Docity |
| <b>+3.6</b>       | <b>-5.7</b>     | <b>+66</b>  | +2.0        | <b>+1.0</b>  | +1.2          | +0.1    | <b>+1.1</b> | -12    |
| 77%               | 35%             | 56%         | 51%         | 55%          | 59%           | 53%     | 55%         | 45%    |

| STRUCTURAL ASSESSMENT |   |   |   |   |   |   | 7-Dec-18 | Temp. |   |
|-----------------------|---|---|---|---|---|---|----------|-------|---|
|                       |   |   |   |   |   |   |          | 38    |   |
| 6                     | 6 | 5 | 7 | 6 | 5 | 4 |          |       | 1 |

| INDEX VALUE  |              |              |              | Polled Gene       | Maturity | Mus Score | EYES |             |
|--------------|--------------|--------------|--------------|-------------------|----------|-----------|------|-------------|
| Supermarket  | Grass Fed    | Grain Fed    | EU Index     |                   |          |           |      | Eye Pigment |
| <b>\$135</b> | <b>\$132</b> | <b>\$160</b> | <b>\$150</b> | <b>PP</b><br>Homz | Mid      | C         |      | 100/100     |
|              |              |              |              |                   |          |           | 4    |             |

Purchaser \_\_\_\_\_

Price \_\_\_\_\_



Pen No. 3 (Specialist Heifer Bulls)

Birth Date: 11-Aug-17  
 Society ID: WNAN086  
 Horn/Scurs/Poll: P

- Kalimna son with large testicles - Highest SS EBV
- Ideal for heifers without compromising other herd improving traits
- Positive carcass attributes like top 5% IMF% help to deliver top 5% \$Index values
- Near perfect structural scores for feet & legs - has upstanding presence

WIRRUNA EXPLORER E188  
 ┌ WIRRUNA HARTWIG H297  
   WIRRUNA MIDGE A51  
 Sire: WIRRUNA KALIMNA K326 (WNAK326)  
       ARDO HUSTLER 4110 (IMP)  
 ┌ WIRRUNA CORA H303  
   WIRRUNA CORA D9  
       ELITE 4110 E212  
 ┌ WIRRUNA HERNANDO H47  
   WIRRUNA VICTORIA F203  
 Dam: WIRRUNA HYACINTH L289 (WNAL289)  
       WIRRUNA DARKIE D66  
 ┌ WIRRUNA HYACINTH F281  
   WIRRUNA HYACINTH D370

*Easy-calve*



Jan 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>+4.5</b>           | <b>-4.7</b>             | <b>+2.0</b>  | +34               | +60            | +77            | +60            | <b>+21</b>   |
| 50%                  | 35%                   | 75%                     | 74%          | 69%               | 69%            | 69%            | 60%            | 46%          |

| FERTILITY         |                 | CARCASS     |             |              |               |         |             |         |
|-------------------|-----------------|-------------|-------------|--------------|---------------|---------|-------------|---------|
| Scrotal Size (cm) | Days to Calving | Carc Weight | EMA (sq cm) | Rib Fat (mm) | Rump Fat (mm) | RBV (%) | IMF (%)     | Dockity |
| <b>+5.3</b>       | <b>-5.3</b>     | +57         | +4.1        | <b>+1.1</b>  | <b>+1.4</b>   | +0.8    | <b>+1.4</b> | +5      |
| 77%               | 40%             | 58%         | 51%         | 55%          | 60%           | 53%     | 57%         | 53%     |

| STRUCTURAL ASSESSMENT |   |   |   |   |   |   | 7-Dec-18 | Temp. |
|-----------------------|---|---|---|---|---|---|----------|-------|
|                       |   |   |   |   |   |   | 5-Dec-18 |       |
| 5                     | 5 | 5 | 6 | 5 | 6 | 4 | 43       | 2     |

| \$INDEX VALUE |              |              |              | Polled Gene | Maturity | Mus Score | EYES |             |
|---------------|--------------|--------------|--------------|-------------|----------|-----------|------|-------------|
| Supermarket   | Grass Fed    | Grain Fed    | EU Index     | <b>PP</b>   | Mid      | C+        |      | Eye Pigment |
| <b>\$129</b>  | <b>\$129</b> | <b>\$161</b> | <b>\$147</b> | Homz        |          |           | 4    | 100/20      |

Purchaser \_\_\_\_\_

Price \_\_\_\_\_



Pen No. 3 (Specialist Heifer Bulls)

Birth Date: 11-Aug-17  
 Society ID: WNaN087  
 Horn/Scurs/Poll: P

- I like this bulls shape for calving - smooth shoulders
- Few bulls line up such strong EBVs for calving ease traits - all top 5%
- Also benefits from good marbling (top 15%) & muscle (top 5%) traits
- A genetic dehorner also exhibits a very docile nature

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

SOUTH BUKALONG WALLACE 2

┌ WIRRUNA FORT F382  
 MOUNT DIFFICULT LORNA B123

Dam: WIRRUNA LORNA J413 (WNAJ413)

MOUNT DIFFICULT ACCURATE (AI)

┌ MOUNT DIFFICULT LORNA C11  
 MOUNT DIFFICULT LORNA A65

*Easy-calve*



Jan 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>+7.0</b>           | <b>-4.2</b>             | <b>+0.9</b>  | +25               | +49            | +67            | +48            | +11          |
| 49%                  | 39%                   | 75%                     | 74%          | 69%               | 69%            | 68%            | 61%            | 52%          |

| FERTILITY         |                 | CARCASE     |             |              |               |             |             |          |
|-------------------|-----------------|-------------|-------------|--------------|---------------|-------------|-------------|----------|
| Scrotal Size (cm) | Days to Calving | Carc Weight | EMA (sq cm) | Rib Fat (mm) | Rump Fat (mm) | RBV (%)     | IMF (%)     | Docility |
| +1.7              | <b>-4.6</b>     | <b>+58</b>  | <b>+5.8</b> | +0.9         | +1.1          | <b>+1.7</b> | <b>+1.0</b> | +5       |
| 78%               | 42%             | 57%         | 52%         | 55%          | 60%           | 53%         | 57%         | 51%      |

| STRUCTURAL ASSESSMENT |   |   |   |   |   |   | 7-Dec-18 | Temp. |
|-----------------------|---|---|---|---|---|---|----------|-------|
|                       |   |   |   |   |   |   |          |       |
| 7                     | 6 | 6 | 6 | 4 | 5 | 4 | 37       | 2     |

| INDEX VALUE  |              |              |              | Polled Gene       | Maturity | Mus Score | EYES |             |
|--------------|--------------|--------------|--------------|-------------------|----------|-----------|------|-------------|
| Supermarket  | Grass Fed    | Grain Fed    | EU Index     |                   |          |           |      | Eye Pigment |
| <b>\$120</b> | <b>\$122</b> | <b>\$148</b> | <b>\$139</b> | <b>PP</b><br>Homz | Mid      | C+        |      | 100/95      |
|              |              |              |              |                   |          |           | 4    |             |

Purchaser \_\_\_\_\_

Price \_\_\_\_\_



Pen No. 3 (Specialist Heifer Bulls)

Birth Date: 11-Aug-17  
 Society ID: WNaN102  
 Horn/Scurs/Polled: P

- Mr Reliable - Fort for safe heifer calvings
- Top 15% for low birthweight & calving ease EBVs, top 10% for short GL
- Top 5% ranking for \$Indices reflect good balance of economic traits
- Rates well for good structure and is Homozygous Polled

*Easy-calve*

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

INJEMIRA ADVANCE V093 (H)  
 ┌── INJEMIRA ADVANCE Y203 (H)  
     INJEMIRA FIRST DAY S198 (H)

Dam: **WIRRUNA NADIA K187 (WNAK187)**

MOUNT DIFFICULT FELLIS Y12 (AI)  
 ┌── MOUNT DIFFICULT NADIA C85  
     MOUNT DIFFICULT NADIA V15 (AI)



Jan 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>+7.7</b>          | <b>+4.4</b>           | <b>-3.1</b>             | <b>+2.1</b>  | +35               | +55            | +76            | +51            | +18          |
| 54%                  | 47%                   | 77%                     | 74%          | 70%               | 70%            | 69%            | 65%            | 60%          |

| FERTILITY         |                 | CARCASE     |             |              |               |             |             |            |
|-------------------|-----------------|-------------|-------------|--------------|---------------|-------------|-------------|------------|
| Scrotal Size (cm) | Days to Calving | Carc Weight | EMA (sq cm) | Rib Fat (mm) | Rump Fat (mm) | RBY (%)     | IMF (%)     | Docity     |
| +1.8              | <b>-4.4</b>     | <b>+62</b>  | <b>+5.1</b> | +0.7         | +0.9          | <b>+1.4</b> | <b>+1.2</b> | <b>+12</b> |
| 78%               | 46%             | 60%         | 56%         | 58%          | 62%           | 57%         | 60%         | 56%        |

| STRUCTURAL ASSESSMENT |   |   |   |   |   |   | 7-Dec-18 | Temp. |
|-----------------------|---|---|---|---|---|---|----------|-------|
|                       |   |   |   |   |   |   |          |       |
| 6                     | 6 | 5 | 6 | 5 | 5 | 4 | 36       | 2     |

| INDEX VALUE  |              |              |              | Polled Gene       | Maturity | Mus Score | EYES |             |
|--------------|--------------|--------------|--------------|-------------------|----------|-----------|------|-------------|
| Supermarket  | Grass Fed    | Grain Fed    | EU Index     |                   |          |           |      | Eye Pigment |
| <b>\$123</b> | <b>\$123</b> | <b>\$152</b> | <b>\$140</b> | <b>PP</b><br>Homz | Mid      | C         |      | 95/100      |
|              |              |              |              |                   |          |           | 3    |             |

Purchaser \_\_\_\_\_

Price \_\_\_\_\_





Pen No. 4 (Specialist Heifer Bulls)

Birth Date: 11-Aug-17  
 Society ID: WNAN118  
 Horn/Scurs/Poll: P

- Shows good neck extension for ease of calving
- This fellow offers top 20% calving ease credentials & low birthweight
- Note valuable carcase traits including top 5% IMF% for high MSA compliance
- A genetic dehorner also featuring genetics to improve docility in the herd

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

CAPETHORNE HOT SHOT 03 22  
 ┌ MATARIKI HOLY-SMOKE  
   MATARIKI GIRLIE 00323

Dam: **WIRRUNA GOLDEN VANITY L311 (WNAL311)**

WIRRUNA DAFFY D1  
 ┌ WIRRUNA GOLDEN VANITY G201  
   WIRRUNA GOLDEN VANITY B26

*Easy-calve*



Jan 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>+8.1</b>          | <b>+4.2</b>           | <b>-2.8</b>             | <b>+1.0</b>  | +30               | +49            | +61            | +28            | +13          |
| 54%                  | 48%                   | 76%                     | 74%          | 69%               | 69%            | 69%            | 63%            | 59%          |

| FERTILITY         |                 | CARCASE     |             |              |               |             |             |            |
|-------------------|-----------------|-------------|-------------|--------------|---------------|-------------|-------------|------------|
| Scrotal Size (cm) | Days to Calving | Carc Weight | EMA (sq cm) | Rib Fat (mm) | Rump Fat (mm) | RBY (%)     | IMF (%)     | Docility   |
| <b>+2.5</b>       | <b>-6.1</b>     | <b>+56</b>  | <b>+5.5</b> | <b>+1.9</b>  | <b>+2.4</b>   | <b>+1.1</b> | <b>+1.8</b> | <b>+15</b> |
| 78%               | 46%             | 60%         | 55%         | 58%          | 62%           | 57%         | 59%         | 55%        |

| STRUCTURAL ASSESSMENT |   |   |   |   |   |   | 7-Dec-18 | Temp. |
|-----------------------|---|---|---|---|---|---|----------|-------|
|                       |   |   |   |   |   |   |          |       |
| 6                     | 6 | 5 | 6 | 4 | 5 | 4 | 37       | 1     |

| INDEX VALUE  |              |              |              | Polled Gene       | Maturity | Mus Score | EYES |             |
|--------------|--------------|--------------|--------------|-------------------|----------|-----------|------|-------------|
| Supermarket  | Grass Fed    | Grain Fed    | EU Index     |                   |          |           |      | Eye Pigment |
| <b>\$127</b> | <b>\$131</b> | <b>\$171</b> | <b>\$148</b> | <b>PP</b><br>Homz | Mid      | C         |      | 100/100     |
|              |              |              |              |                   |          |           | 4    |             |

Purchaser \_\_\_\_\_

Price \_\_\_\_\_



Pen No. 4 (Specialist Heifer Bulls)

Birth Date: 12-Aug-17  
 Society ID: WNAN137  
 Horn/Scurs/Poll: P

- Heifer bull with long-neck & nice body shape
- Positive calving ease genetics coupled with good early growth (top 5% 200D)
- Features key traits of top 5% for Short GL, DtC & high milk EBVs
- Exceptional marbling (top 1% IMF% EBV) & profit potential (top 5% \$Index)

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

STUDBROOK D'ARTAGNION V086 (AI) (ET)

┌ OTAPAWA SPARK 3060 (IMP)  
   OTAPAWA SPOT P30

Dam: WIRRUNA MADAM L519 (WNAL519)  
       └ SOUTH BUKALONG WALLACE 2  
       WIRRUNA MADAM F18  
           WIRRUNA MADAM D232

*Easy-calve*



Jan 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>+7.4</b>          | <b>+7.4</b>           | <b>-5.0</b>             | +3.4         | <b>+43</b>        | <b>+64</b>     | <b>+88</b>     | +71            | <b>+23</b>   |
| 53%                  | 46%                   | 75%                     | 73%          | 69%               | 69%            | 68%            | 63%            | 59%          |

| FERTILITY         |                 | CARCASE     |             |              |               |         |             |        |
|-------------------|-----------------|-------------|-------------|--------------|---------------|---------|-------------|--------|
| Scrotal Size (cm) | Days to Calving | Carc Weight | EMA (sq cm) | Rib Fat (mm) | Rump Fat (mm) | RBY (%) | IMF (%)     | Docity |
| +2.0              | <b>-5.9</b>     | <b>+64</b>  | +3.5        | <b>+1.0</b>  | +0.7          | +0.2    | <b>+1.9</b> | -8     |
| 78%               | 46%             | 61%         | 58%         | 60%          | 63%           | 57%     | 60%         | 56%    |

| STRUCTURAL ASSESSMENT |           |            |           |   |   |   | 7-Dec-18       | Temp. |
|-----------------------|-----------|------------|-----------|---|---|---|----------------|-------|
| Front<br>7            | Back<br>7 | Front<br>6 | Back<br>7 | 5 | 5 | 4 | 5-Dec-18<br>36 | 2     |

| INDEX VALUE  |              |              |              | Polled Gene       | Maturity | Mus Score | EYES |                       |
|--------------|--------------|--------------|--------------|-------------------|----------|-----------|------|-----------------------|
| Supermarket  | Grass Fed    | Grain Fed    | EU Index     | <b>Ph</b><br>Hetz | Mid      | C+        | 3    | Eye Pigment<br>25/100 |
| <b>\$136</b> | <b>\$134</b> | <b>\$173</b> | <b>\$153</b> |                   |          |           |      |                       |

Purchaser \_\_\_\_\_

Price \_\_\_\_\_



Pen No. 4 (Specialist Heifer Bulls)

Birth Date: 12-Aug-17  
 Society ID: WNaN146  
 Horn/Scurs/Poll: P

- My pick Kalimna bull in the sale - High \$Index
- Confident use over heifers - top 5% CE(Dir), short GL & lightest BWT genetics
- Great carcase - top 5% Muscling & top 1% Marbling traits for MSA premiums
- Large testicles- fertility traits of top 5% SS EBV & top 1% DtC EBV

'Star Lot'

WIRRUNA EXPLORER E188  
 ┌ WIRRUNA HARTWIG H297  
   WIRRUNA MIDGE A51  
 Sire: WIRRUNA KALIMNA K326 (WNAK326)  
       ARDO HUSTLER 4110 (IMP)  
 ┌ WIRRUNA CORA H303  
   WIRRUNA CORA D9  
       ELITE 4110 E212  
 ┌ WIRRUNA HERNANDO H47  
   WIRRUNA VICTORIA F203  
 Dam: WIRRUNA MIDGE K499 (WNAK499)  
       WIRRUNA DAFFY D1  
 ┌ WIRRUNA MIDGE H296  
   WIRRUNA MIDGE C76

*Easy-calve*



Jan 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 |
| +10.4                | +4.9                  | -5.8                    | +0.3         | +33               | +60            | +76            | +53            | +16          |
| 50%                  | 36%                   | 76%                     | 74%          | 69%               | 69%            | 69%            | 62%            | 47%          |

| FERTILITY         |                 | CARCASE     |             |              |               |         |         |         |
|-------------------|-----------------|-------------|-------------|--------------|---------------|---------|---------|---------|
| Scrotal Size (cm) | Days to Calving | Carc Weight | EMA (sq cm) | Rib Fat (mm) | Rump Fat (mm) | RBY (%) | IMF (%) | Dockity |
| +3.5              | -6.2            | +67         | +5.6        | +1.9         | +2.6          | +0.3    | +2.6    | +2      |
| 78%               | 40%             | 58%         | 52%         | 56%          | 61%           | 54%     | 57%     | 55%     |

| STRUCTURAL ASSESSMENT |   |   |   |   |   |   | 7-Dec-18 | Temp. |
|-----------------------|---|---|---|---|---|---|----------|-------|
|                       |   |   |   |   |   |   | 5-Dec-18 |       |
| 6                     | 6 | 5 | 7 | 5 | 5 | 4 | 40       | 2     |

| INDEX VALUE |           |           |          | Polled Gene | Maturity | Mus Score | EYES |             |
|-------------|-----------|-----------|----------|-------------|----------|-----------|------|-------------|
| Supermarket | Grass Fed | Grain Fed | EU Index |             |          |           |      | Eye Pigment |
| \$143       | \$146     | \$195     | \$163    | PP<br>Homz  | Mid      | C+        | 3    | 100/100     |

Purchaser \_\_\_\_\_

Price \_\_\_\_\_



Pen No. 4 (Specialist Heifer Bulls)

Birth Date: 14-Aug-17

Society ID: WNAN183

Horn/Scurs/Poll: P

- Ideal heifer bull with well-laid in shoulders
- Pedigree stacked with easy calving genetics - top 5% CE for replacement daughters
- Offers top 10% marbling (IMF% EBV) & top 5% female fertility (DtC EBV) genetics
- Soft skinned bull that is gene tested to genetically dehorn all progeny

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

QUAMBY PLAINS STOCKMASTER Y118  
 ┌── WIRRUNA FLETCHER F214  
     WIRRUNA LAST DAY B16 (H)

Dam: **WIRRUNA DOREEN K10 (WNAK10)**

WIRRUNA ELDAD E107  
 ┌── WIRRUNA DOREEN G393  
     WIRRUNA DOREEN E42

*Easy-calve*



Jan 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>+6.0</b>          | <b>+6.5</b>           | <b>-3.9</b>             | +3.2         | <b>+38</b>        | +56            | +77            | +51            | +16          |
| 54%                  | 46%                   | 77%                     | 74%          | 70%               | 70%            | 70%            | 65%            | 59%          |

| FERTILITY         |                 | CARCASE     |             |              |               |         |             |        |
|-------------------|-----------------|-------------|-------------|--------------|---------------|---------|-------------|--------|
| Scrotal Size (cm) | Days to Calving | Carc Weight | EMA (sq cm) | Rib Fat (mm) | Rump Fat (mm) | RBV (%) | IMF (%)     | Docity |
| +1.1              | <b>-5.4</b>     | +57         | +3.3        | <b>+1.0</b>  | +1.0          | +0.4    | <b>+1.2</b> | +8     |
| 79%               | 46%             | 60%         | 56%         | 59%          | 63%           | 57%     | 60%         | 57%    |

| STRUCTURAL ASSESSMENT |   |   |   |   |   |   | 7-Dec-18 | Temp. |
|-----------------------|---|---|---|---|---|---|----------|-------|
|                       |   |   |   |   |   |   |          |       |
| 6                     | 6 | 6 | 6 | 5 | 6 | 4 | 35       | 2     |

| INDEX VALUE  |              |              |              | Polled Gene       | Maturity | Mus Score | EYES |             |
|--------------|--------------|--------------|--------------|-------------------|----------|-----------|------|-------------|
| Supermarket  | Grass Fed    | Grain Fed    | EU Index     |                   |          |           |      | Eye Pigment |
| <b>\$121</b> | <b>\$120</b> | <b>\$150</b> | <b>\$137</b> | <b>PP</b><br>Homz | Mid      | C         |      | 95/90       |
|              |              |              |              |                   |          |           | 3    |             |

Purchaser \_\_\_\_\_

Price \_\_\_\_\_



Pen No. 4 (Specialist Heifer Bulls)

Birth Date: 16-Aug-17  
 Society ID: WNAN219  
 Horn/Scurs/Poll: P

- Build calving ease genetics into your herd
- Light birthweight & top 5% calving ease for confident use over 14 month heifers
- Scanning revealed strong carcase quality attributes - top 5% fat & IMF% EBVs
- A earlier maturity bull for targetting grassfed vealer markets - top 5% \$Indices

*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  
  
 SOUTH BUKALONG WALLACE 2  
 ┌ WIRRUNA JAFFA J55  
   WIRRUNA VICTORIA G92  
 Dam: WIRRUNA CORA L450 (WNAL450)  
   MATARIKI HOLY-SMOKE  
 ┌ WIRRUNA CORA J85  
   CO-OP5 CORA G296



Jan 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>+12.2</b>         | <b>+7.5</b>           | <b>-2.3</b>             | <b>+0.9</b>  | +29               | +51            | +69            | +35            | +12          |
| 47%                  | 38%                   | 74%                     | 73%          | 68%               | 68%            | 67%            | 59%            | 46%          |

| FERTILITY         |                 | CARCASE     |             |              |               |         |             |            |
|-------------------|-----------------|-------------|-------------|--------------|---------------|---------|-------------|------------|
| Scrotal Size (cm) | Days to Calving | Carc Weight | EMA (sq cm) | Rib Fat (mm) | Rump Fat (mm) | RBV (%) | IMF (%)     | Dockity    |
| +2.2              | <b>-5.3</b>     | +57         | <b>+4.5</b> | <b>+2.1</b>  | <b>+2.8</b>   | +0.6    | <b>+1.7</b> | <b>+12</b> |
| 77%               | 40%             | 56%         | 51%         | 55%          | 59%           | 52%     | 55%         | 49%        |

| STRUCTURAL ASSESSMENT |   |   |   |   |   | 7-Dec-18 | Temp. |
|-----------------------|---|---|---|---|---|----------|-------|
|                       |   |   |   |   |   |          |       |
| 6                     | 6 | 5 | 6 | 5 | 5 | 4        | 35    |
|                       |   |   |   |   |   |          |       |
|                       |   |   |   |   |   |          | 1     |

| INDEX VALUE  |              |              |              | Polled Gene       | Maturity     | Mus Score | EYES |             |
|--------------|--------------|--------------|--------------|-------------------|--------------|-----------|------|-------------|
| Supermarket  | Grass Fed    | Grain Fed    | EU Index     |                   |              |           |      | Eye Pigment |
| <b>\$131</b> | <b>\$135</b> | <b>\$172</b> | <b>\$149</b> | <b>PP</b><br>Homz | <i>Early</i> | <b>C+</b> |      | 90/100      |
|              |              |              |              |                   |              |           | 4    |             |

Purchaser \_\_\_\_\_

Price \_\_\_\_\_



Pen No. 4 (Specialist Heifer Bulls)

Birth Date: 17-Aug-17  
 Society ID: WNAN226  
 Horn/Scurs/Poll: S

- Long & tapered body for calving ease
- Bends the growth curve - above average in both light BWT & growth
- Positive fat for easy finishing ability & for improved fertility rates in 14mth old heifers
- Carries good milk (top 5%) & strong fertility traits (top 1%)

Scurs

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

INJEMIRA ADVANCE V093 (H)

┌ INJEMIRA ADVANCE Y203 (H)  
 INJEMIRA FIRST DAY S198 (H)

Dam: **WIRRUNA LAST DAY L269 (WNAL269)**  
 SOUTH BUKALONG WALLACE 2

┌ WIRRUNA LAST DAY F14  
 WIRRUNA LAST DAY D34

*Easy-calve*



Jan 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>+5.8</b>           | -0.8                    | +3.3         | +35               | <b>+63</b>     | <b>+89</b>     | +62            | <b>+23</b>   |
| 48%                  | 37%                   | 75%                     | 73%          | 68%               | 68%            | 67%            | 61%            | 52%          |

| FERTILITY         |                 | CARCASE     |             |              |               |         |             |        |
|-------------------|-----------------|-------------|-------------|--------------|---------------|---------|-------------|--------|
| Scrotal Size (cm) | Days to Calving | Carc Weight | EMA (sq cm) | Rib Fat (mm) | Rump Fat (mm) | RBV (%) | IMF (%)     | Docity |
| <b>+4.5</b>       | <b>-6.4</b>     | <b>+60</b>  | +3.8        | <b>+1.4</b>  | <b>+1.9</b>   | +0.3    | <b>+1.0</b> | +6     |
| 77%               | 37%             | 58%         | 52%         | 55%          | 60%           | 54%     | 56%         | 45%    |

| STRUCTURAL ASSESSMENT |   |   |   |   |   |   | 7-Dec-18 | Temp. |
|-----------------------|---|---|---|---|---|---|----------|-------|
|                       |   |   |   |   |   |   |          |       |
| 6                     | 5 | 5 | 7 | 5 | 6 | 4 | 41       | 2     |

| INDEX VALUE  |              |              |              | Polled Gene | Maturity | Mus Score | EYES |             |
|--------------|--------------|--------------|--------------|-------------|----------|-----------|------|-------------|
| Supermarket  | Grass Fed    | Grain Fed    | EU Index     |             | Mid      | C         |      | Eye Pigment |
| <b>\$140</b> | <b>\$138</b> | <b>\$168</b> | <b>\$156</b> |             |          |           |      | 4           |

Purchaser \_\_\_\_\_

Price \_\_\_\_\_



Pen No. 4 (Specialist Heifer Bulls)

Birth Date: 2-Sep-17  
 Society ID: WNAN448  
 Horn/Scurs/Poll: P

- Nice body shape & neck extension
- Calving ease EBVs in the top 5% of the breed for a sleep-easy calving
- Bends the growth curve - above average growth from top 20% BWT genetics
- Offers good marbling genes - target domestic grassfed markets

'Star Lot'

SOUTH BUKALONG WALLACE 2

┌ WIRRUNA JAVA J80

WIRRUNA VICTORIA G7

Sire: WIRRUNA LUXMAN L386 (WNAL386)

WIRRUNA FLETCHER F214

┌ WIRRUNA FLORA H156

WIRRUNA Flora F339

MOUNT DIFFICULT CADBURY

┌ WIRRUNA JACK J12

WIRRUNA LAST DAY G63

Dam: WIRRUNA PENELOPE L578 (WNAL578)

KIDMAN THE DON Y220

┌ WIRRUNA PENELOPE H72

WIRRUNA PENELOPE E348

*Easy-calve*



Jan 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>+6.9</b>           | <b>-2.6</b>             | <b>+2.1</b>  | +36               | +61            | +78            | +59            | +16          |
| 40%                  | 29%                   | 53%                     | 70%          | 64%               | 64%            | 63%            | 55%            | 43%          |

| 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>       | -3.8            | <b>+62</b>  | +3.8        | +0.7         | +0.6          | +0.6    | <b>+1.3</b> | +1       |
| 75%               | 34%             | 51%         | 46%         | 51%          | 56%           | 49%     | 50%         | 46%      |

| STRUCTURAL ASSESSMENT |   |   |   |   |   | 7-Dec-18 | Temp. |   |
|-----------------------|---|---|---|---|---|----------|-------|---|
|                       |   |   |   |   |   |          |       |   |
| 6                     | 5 | 5 | 6 | 5 | 5 | 5        | 35    |   |
|                       |   |   |   |   |   |          |       | 2 |

| INDEX VALUE  |              |              |              | Polled Gene       | Maturity     | Mus Score | EYES |             |
|--------------|--------------|--------------|--------------|-------------------|--------------|-----------|------|-------------|
| Supermarket  | Grass Fed    | Grain Fed    | EU Index     |                   |              |           |      | Eye Pigment |
| <b>\$120</b> | <b>\$119</b> | <b>\$148</b> | <b>\$135</b> | <b>PP</b><br>Homz | <i>Early</i> | <b>C+</b> |      | 100/100     |
|              |              |              |              |                   |              |           | 3    |             |

Purchaser \_\_\_\_\_

Price \_\_\_\_\_

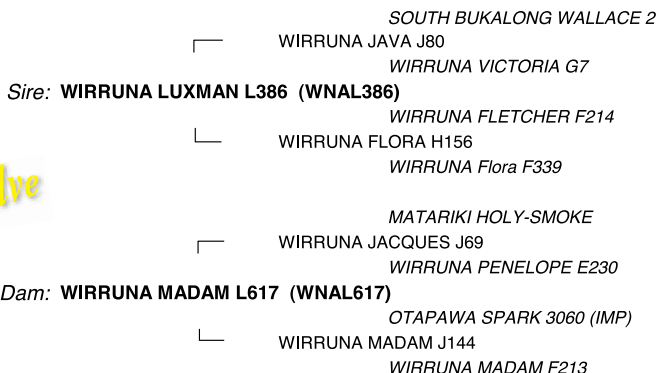


Pen No. 4 (Specialist Heifer Bulls)

Birth Date: 4-Sep-17  
 Society ID: WNAN459  
 Horn/Scurs/Poll: P

- Easy-doing & well-shaped for calving ease
- Breed quality replacements with high milk, Maternal CE & meat quality traits
- Scanned well for marbling - top 1% IMF% EBV
- Balance of economic traits results in Grainfed \$Index ranking in top 1%

*Easy-calve*



Jan 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>+11.1</b>         | <b>+7.3</b>           | <b>-3.2</b>             | <b>+1.1</b>  | +37               | <b>+66</b>     | +81            | +49            | <b>+21</b>   |
| 40%                  | 31%                   | 52%                     | 70%          | 64%               | 64%            | 62%            | 55%            | 44%          |

| FERTILITY         |                 | CARCASE     |             |              |               |         |             |        |
|-------------------|-----------------|-------------|-------------|--------------|---------------|---------|-------------|--------|
| Scrotal Size (cm) | Days to Calving | Carc Weight | EMA (sq cm) | Rib Fat (mm) | Rump Fat (mm) | RBV (%) | IMF (%)     | Docity |
| <b>+3.0</b>       | <b>-4.7</b>     | <b>+65</b>  | +3.3        | <b>+1.6</b>  | <b>+1.8</b>   | -0.6    | <b>+2.4</b> | -5     |
| 75%               | 36%             | 51%         | 46%         | 51%          | 55%           | 49%     | 50%         | 46%    |

| STRUCTURAL ASSESSMENT |   |   |   |   |   |   | 7-Dec-18 | Temp. |
|-----------------------|---|---|---|---|---|---|----------|-------|
|                       |   |   |   |   |   |   | 5-Dec-18 |       |
| 7                     | 6 | 6 | 6 | 6 | 5 | 4 | 39       | 2     |

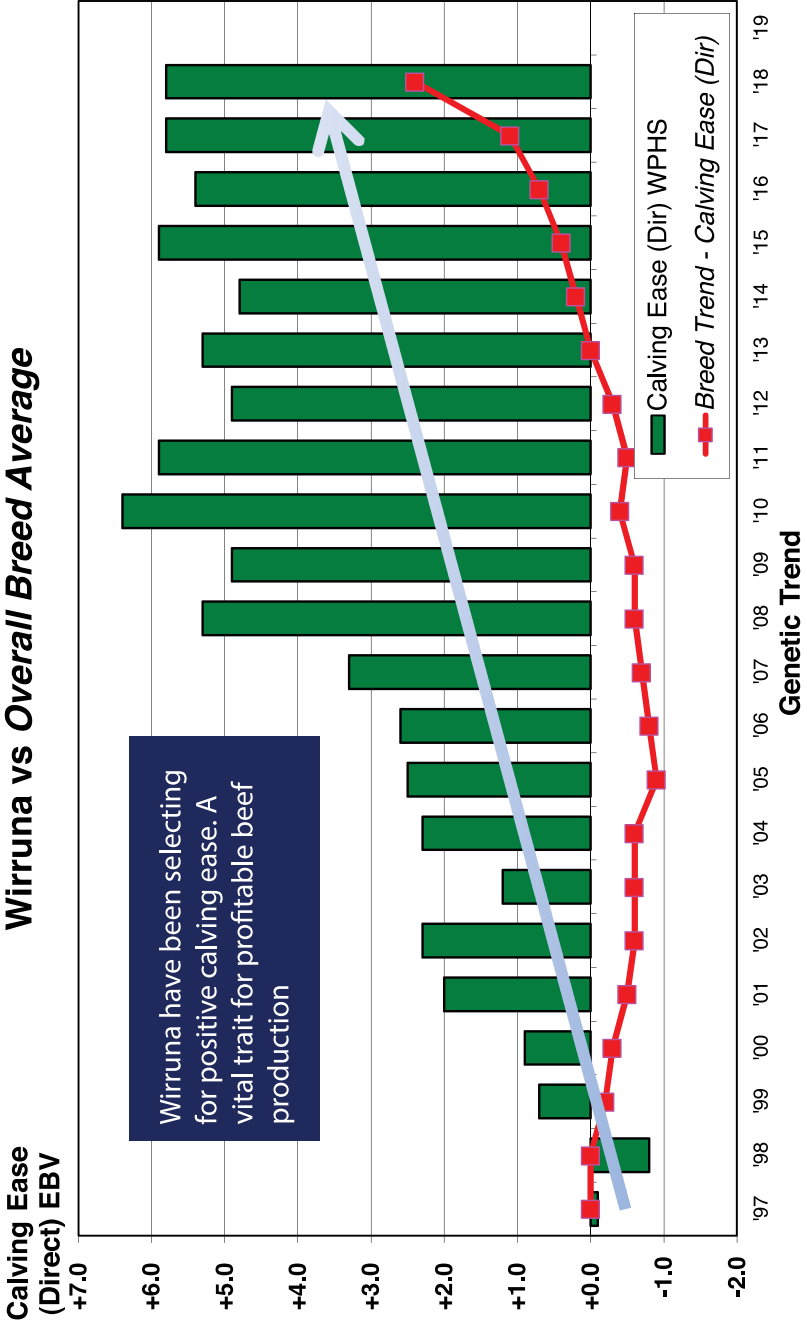
| INDEX VALUE  |              |              |              | Polled Gene       | Maturity | Mus Score | EYES |             |
|--------------|--------------|--------------|--------------|-------------------|----------|-----------|------|-------------|
| Supermarket  | Grass Fed    | Grain Fed    | EU Index     |                   |          |           |      | Eye Pigment |
| <b>\$135</b> | <b>\$136</b> | <b>\$183</b> | <b>\$150</b> | <b>PP</b><br>Homz | Mid      | C+        |      | 100/100     |
|              |              |              |              |                   |          |           | 4    |             |

Purchaser \_\_\_\_\_

Price \_\_\_\_\_



## Calving Ease since 1997 Wirruna vs Overall Breed Average





Pen No. 5 (Good Herd Bulls)

Birth Date: 14-Aug-17  
 Society ID: WNAN177  
 Horn/Scurs/Poll: P

- Upstanding Fletcher son with dark-red coat
- A negative maternal CE in his Dam prevented inclusion in Specialist Heifer Bulls
- Note valuable marbling trait (top 1% IMF%) for high MSA compliance
- Also offers strong milk (top 20%) & Homozygous Polled genetics

Sire: **WIRRUNA FLETCHER F214 (WNAF214)**  
 NOOKEN VALERIAN 2  
 QUAMBY PLAINS STOCKMASTER Y118  
 QUAMBY PLAINS MAGPIE W9  
 MOUNT DIFFICULT UNGAR (S)  
 WIRRUNA LAST DAY B16 (H)  
 WIRRUNA LAST DAY Z152  
 DOONBIDDIE HUSTLER  
 ARDO HUSTLER 4110 (IMP)  
 ARDO AMETHYST 730  
 Dam: **WIRRUNA LAST DAY J7 (WNAJ7)**  
 WIRRUNA VICKERY (S)  
 WIRRUNA LAST DAY D26  
 WIRRUNA LAST DAY B107

*Easy-calve*



Jan 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>+7.7</b>          | <b>+5.4</b>           | <b>-4.9</b>             | <b>+0.7</b>  | +34               | +51            | +73            | +54            | <b>+20</b>   |
| 53%                  | 46%                   | 76%                     | 74%          | 70%               | 70%            | 69%            | 65%            | 60%          |

| FERTILITY         |                 | CARCASE     |             |              |               |         |             |        |
|-------------------|-----------------|-------------|-------------|--------------|---------------|---------|-------------|--------|
| Scrotal Size (cm) | Days to Calving | Carc Weight | EMA (sq cm) | Rib Fat (mm) | Rump Fat (mm) | RBV (%) | IMF (%)     | Docity |
| +1.5              | <b>-4.2</b>     | <b>+63</b>  | <b>+4.6</b> | <b>+1.5</b>  | <b>+1.4</b>   | +0.1    | <b>+2.4</b> | +4     |
| 78%               | 47%             | 62%         | 58%         | 60%          | 63%           | 57%     | 60%         | 57%    |

| STRUCTURAL ASSESSMENT |  |  |  |  |  |  | 7-Dec-18 | Temp. |
|-----------------------|--|--|--|--|--|--|----------|-------|
|                       |  |  |  |  |  |  |          |       |

| INDEX VALUE  |              |              |              | Polled Gene       | Maturity | Mus Score | EYES |             |
|--------------|--------------|--------------|--------------|-------------------|----------|-----------|------|-------------|
| Supermarket  | Grass Fed    | Grain Fed    | EU Index     |                   |          |           |      | Eye Pigment |
| <b>\$124</b> | <b>\$125</b> | <b>\$167</b> | <b>\$140</b> | <b>PP</b><br>Homz | Mid      | C+        |      | 100/100     |

Purchaser \_\_\_\_\_

Price \_\_\_\_\_



Pen No. 5 (Good Herd Bulls)

Birth Date: 15-Aug-17  
 Society ID: WNAN192  
 Horn/Scurs/Poll: S

- An Anzac bull with tight pizzle
- Should be OK for heifers but consider the Sires's higher BWT EBV
- Good marbling (top 5% IMF% EBV) & profit potential (top 20% \$Index)
- Features key traits for lifting herd fertility - top 1% for SS & top 5% for DtC EBVs

Scurs

Sire: **ALLENDALE ANZAC E114 (AEDE114)**  
 ALLENDALE PUNTER 3  
 ALLENDALE YACKA  
 ALLENDALE FLORRIE Z33  
 ALLENDALE NATIONAL W168  
 ALLENDALE DAWN B22 (AI) (ET)  
 ALLENDALE DAWN T60 (AI)  
 INJEMIRA ADVANCE V093 (H)  
 INJEMIRA ADVANCE Y203 (H)  
 INJEMIRA FIRST DAY S198 (H)  
 Dam: **WIRRUNA URSULA K78 (H) (WNAK78)**  
 WIRRUNA DAFFY D1  
 WIRRUNA URSULA G56  
 WIRRUNA URSULA Z46 (S)

*Easy-calve*



Jan 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>+6.7</b>          | +0.8                  | <b>-1.8</b>             | <b>+2.0</b>  | +28               | +49            | +66            | +64            | +17          |
| 54%                  | 48%                   | 76%                     | 74%          | 69%               | 69%            | 69%            | 65%            | 59%          |

| FERTILITY         |                 | CARCASE     |             |              |               |         |             |           |
|-------------------|-----------------|-------------|-------------|--------------|---------------|---------|-------------|-----------|
| Scrotal Size (cm) | Days to Calving | Carc Weight | EMA (sq cm) | Rib Fat (mm) | Rump Fat (mm) | RBV (%) | IMF (%)     | Dockity   |
| <b>+4.7</b>       | <b>-5.1</b>     | +50         | <b>+4.8</b> | <b>+1.4</b>  | <b>+2.0</b>   | +0.1    | <b>+1.5</b> | <b>+9</b> |
| 78%               | 43%             | 61%         | 57%         | 59%          | 63%           | 58%     | 59%         | 56%       |

| STRUCTURAL ASSESSMENT |   |   |   |   |   |   | 7-Dec-18 | Temp. |
|-----------------------|---|---|---|---|---|---|----------|-------|
|                       |   |   |   |   |   |   | 5-Dec-18 |       |
| 7                     | 5 | 5 | 6 | 5 | 5 | 5 | 39       | 2     |

| INDEX VALUE  |              |              |              | Polled Gene       | Maturity     | Mus Score | EYES |             |
|--------------|--------------|--------------|--------------|-------------------|--------------|-----------|------|-------------|
| Supermarket  | Grass Fed    | Grain Fed    | EU Index     |                   |              |           |      | Eye Pigment |
| <b>\$110</b> | <b>\$111</b> | <b>\$140</b> | <b>\$127</b> | <b>Ph</b><br>Hetz | <b>Early</b> | <b>C</b>  |      | 100/75      |
|              |              |              |              |                   |              |           | 4    |             |

Purchaser \_\_\_\_\_

Price \_\_\_\_\_



Pen No. 5 (Good Herd Bulls)

Birth Date: 15-Aug-17  
 Society ID: WNAN193  
 Horn/Scurs/Poll: P

- Fletcher son with that 'Sirey Outlook'!
- High scan for IMF% reflected in top 5% ranking for IMF% EBV
- A well rounded EBV profile with \$Index values within the top 10% of the breed
- A genetic dehorner - Homozygous Polled

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  
     VALMA MERCHANT  
 ┌── YAVENVALE GURU  
     YAVENVALE TREASURE D403  
 Dam: WIRRUNA MIRANDA K161 (WNAK161)  
     WIRRUNA DAVE D101  
 ┌── WIRRUNA MIRANDA G425  
     MOUNT DIFFICULT MIRANDA C175

*Easy-calve*



Jan 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                 | +3.3                  | <b>-2.9</b>             | +3.4         | +37               | +60            | +79            | +54            | +16          |
| 51%                  | 43%                   | 76%                     | 74%          | 69%               | 69%            | 68%            | 65%            | 58%          |

| FERTILITY         |                 | CARCASE     |             |              |               |         |             |         |
|-------------------|-----------------|-------------|-------------|--------------|---------------|---------|-------------|---------|
| Scrotal Size (cm) | Days to Calving | Carc Weight | EMA (sq cm) | Rib Fat (mm) | Rump Fat (mm) | RBV (%) | IMF (%)     | Dockity |
| <b>+2.5</b>       | <b>-4.3</b>     | +54         | +3.8        | +0.0         | -0.8          | +0.8    | <b>+1.8</b> | +1      |
| 78%               | 45%             | 61%         | 57%         | 60%          | 63%           | 57%     | 60%         | 55%     |

| STRUCTURAL ASSESSMENT |  |  |  |  |  |  | 7-Dec-18 | Temp. |
|-----------------------|--|--|--|--|--|--|----------|-------|
|                       |  |  |  |  |  |  |          |       |

| INDEX VALUE  |              |              |              | Polled Gene       | Maturity | Mus Score | EYES |             |
|--------------|--------------|--------------|--------------|-------------------|----------|-----------|------|-------------|
| Supermarket  | Grass Fed    | Grain Fed    | EU Index     |                   |          |           |      | Eye Pigment |
| <b>\$116</b> | <b>\$115</b> | <b>\$157</b> | <b>\$136</b> | <b>PP</b><br>Homz | Mid      | C+        |      | 100/100     |

Purchaser \_\_\_\_\_

Price \_\_\_\_\_



Pen No. 5 (Good Herd Bulls)

Birth Date: 18-Aug-17  
 Society ID: WNAN253  
 Horn/Scurs/Poll: P

- Sleek-coated, smooth shouldered & growthy bull
- Offers good early growth (top 10%) & milk (top 20%) for daughters
- Having positive genetic fat is good risk management for those tough years
- PP genetics with \$Indices rated in the top 10% of all 2017 born Herefords

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

QUAMBY PLAINS STOCKMASTER Y118

┌ WIRRUNA FLETCHER F214  
 WIRRUNA LAST DAY B16 (H)

Dam: **WIRRUNA GOLDEN VANITY J351 (WNAJ351)**  
 WIRRUNA ALFA

┌ WIRRUNA GOLDEN VANITY C259  
 WIRRUNA GOLDEN VANITY Z86



Jan 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 |
| +2.8                 | +2.9                  | <b>-3.4</b>             | +5.0         | <b>+41</b>        | <b>+66</b>     | <b>+90</b>     | +67            | <b>+19</b>   |
| 48%                  | 37%                   | 75%                     | 74%          | 69%               | 69%            | 68%            | 63%            | 54%          |

| FERTILITY         |                 | CARCASS     |             |              |               |         |             |        |
|-------------------|-----------------|-------------|-------------|--------------|---------------|---------|-------------|--------|
| Scrotal Size (cm) | Days to Calving | Carc Weight | EMA (sq cm) | Rib Fat (mm) | Rump Fat (mm) | RBV (%) | IMF (%)     | Docity |
| <b>+2.9</b>       | <b>-5.8</b>     | <b>+61</b>  | +3.2        | <b>+1.3</b>  | <b>+1.6</b>   | -0.1    | <b>+0.9</b> | +0     |
| 78%               | 36%             | 58%         | 53%         | 56%          | 60%           | 54%     | 57%         | 47%    |

| STRUCTURAL ASSESSMENT |   |   |   |   |   | 7-Dec-18 | Temp. |
|-----------------------|---|---|---|---|---|----------|-------|
|                       |   |   |   |   |   |          |       |
| 5                     | 6 | 5 | 6 | 5 | 5 | 4        | 37    |
|                       |   |   |   |   |   | 5-Dec-18 |       |
|                       |   |   |   |   |   |          | 2     |

| INDEX VALUE  |              |              |              | Polled Gene       | Maturity | Mus Score | EYES |             |
|--------------|--------------|--------------|--------------|-------------------|----------|-----------|------|-------------|
| Supermarket  | Grass Fed    | Grain Fed    | EU Index     |                   |          |           |      | Eye Pigment |
| <b>\$123</b> | <b>\$120</b> | <b>\$146</b> | <b>\$136</b> | <b>PP</b><br>Homz | Mid      | C+        |      | 90/100      |
|              |              |              |              |                   |          |           | 3    |             |

Purchaser \_\_\_\_\_

Price \_\_\_\_\_



Pen No. 5 (Good Herd Bulls)

Birth Date: 20-Aug-17  
 Society ID: WNAN286  
 Horn/Scurs/Poll: P

- A Fort son with good head & body conformation
- Trademark fertility traits - top 10% SS & top 1% DtC EBVs
- Carcase quality (top 5% IMF%) helps to deliver top 5% Grainfed \$Index value
- Offers Homozygous polled genetics to remove horns

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

WIRRUNA DAFFY D1  
 WIRRUNA GASON G130  
 WIRRUNA CIRCE D80

Dam: **WIRRUNA LAST DAY J319 (WNAJ319)**

KIDMAN THE DON Y220  
 WIRRUNA LAST DAY G245  
 WIRRUNA LAST DAY C34



Jan 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                 | +0.0                  | -0.3                    | +4.5         | +36               | +53            | +73            | +43            | +12          |
| 52%                  | 45%                   | 75%                     | 74%          | 69%               | 69%            | 69%            | 64%            | 59%          |

| FERTILITY         |                 | CARCASE     |             |              |               |         |             |           |
|-------------------|-----------------|-------------|-------------|--------------|---------------|---------|-------------|-----------|
| Scrotal Size (cm) | Days to Calving | Carc Weight | EMA (sq cm) | Rib Fat (mm) | Rump Fat (mm) | RBV (%) | IMF (%)     | Dockity   |
| <b>+3.1</b>       | <b>-5.9</b>     | +52         | +3.9        | <b>+1.1</b>  | <b>+1.8</b>   | +0.5    | <b>+1.5</b> | <b>+9</b> |
| 78%               | 44%             | 59%         | 54%         | 58%          | 62%           | 56%     | 58%         | 55%       |

| STRUCTURAL ASSESSMENT |   |   |   |   |   |   | 7-Dec-18 | Temp. |
|-----------------------|---|---|---|---|---|---|----------|-------|
|                       |   |   |   |   |   |   |          |       |
| 6                     | 5 | 5 | 6 | 4 | 5 | 4 | 37       | 1     |

| INDEX VALUE  |              |              |              | Polled Gene       | Maturity | Mus Score | EYES |             |
|--------------|--------------|--------------|--------------|-------------------|----------|-----------|------|-------------|
| Supermarket  | Grass Fed    | Grain Fed    | EU Index     |                   |          |           |      | Eye Pigment |
| <b>\$115</b> | <b>\$116</b> | <b>\$153</b> | <b>\$134</b> | <b>PP</b><br>Homz | Mid      | C         |      | 100/100     |
|              |              |              |              |                   |          |           | 3    |             |

Purchaser \_\_\_\_\_

Price \_\_\_\_\_



Pen No. 5 (Good Herd Bulls)

Birth Date: 31-Aug-17  
 Society ID: WNAN410  
 Horn/Scurs/Poll: P

- Ledger son with good head carriage
- Good feet and leg scores by independent structural assessment
- Large testicles linked to early puberty in heifers - top 1% SS EBV
- Homozygous polled to genetically dehorn 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  
       WIRRUNA DAFFY D1  
 ┌ WIRRUNA HERD IMPROVER H483  
   WIRRUNA AMABEL D18  
 Dam: **WIRRUNA AMABEL K441 (WNAK441)**  
       QUAMBY PLAINS STOCKMASTER Y118  
 ┌ WIRRUNA AMABEL C311  
   WIRRUNA AMABEL W69



Jan 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                 | -1.8                  | -0.4                    | +4.7         | +35               | +58            | +74            | +75            | +11          |
| 42%                  | 33%                   | 60%                     | 73%          | 66%               | 65%            | 64%            | 58%            | 46%          |

| FERTILITY         |                 | CARCASE     |             |              |               |         |         |         |
|-------------------|-----------------|-------------|-------------|--------------|---------------|---------|---------|---------|
| Scrotal Size (cm) | Days to Calving | Carc Weight | EMA (sq cm) | Rib Fat (mm) | Rump Fat (mm) | RBY (%) | IMF (%) | Dockity |
| <b>+4.1</b>       | -3.5            | +49         | +3.3        | +0.7         | +0.7          | +0.2    | +0.6    | +7      |
| 75%               | 34%             | 52%         | 48%         | 52%          | 57%           | 50%     | 51%     | 46%     |

| STRUCTURAL ASSESSMENT |   |   |   |   |   |   | 7-Dec-18 | Temp. |
|-----------------------|---|---|---|---|---|---|----------|-------|
|                       |   |   |   |   |   |   | 5-Dec-18 |       |
| 6                     | 6 | 6 | 5 | 5 | 5 | 4 | 40       | 2     |

| INDEX VALUE |           |           |          | Polled Gene       | Maturity | Mus Score | EYES |             |
|-------------|-----------|-----------|----------|-------------------|----------|-----------|------|-------------|
| Supermarket | Grass Fed | Grain Fed | EU Index |                   |          |           |      | Eye Pigment |
| \$92        | \$89      | \$104     | \$105    | <b>PP</b><br>Homz | Mid      | C         |      | 100/100     |
|             |           |           |          |                   |          |           | 4    |             |

Purchaser \_\_\_\_\_

Price \_\_\_\_\_



Pen No. 5 (Good Herd Bulls)

Birth Date: 6-Sep-17  
 Society ID: WNAN491  
 Horn/Scurs/Poll: P

- Nice deep-bodied bull showing length & dark red coat
- Good early growth (top 30% 200D & 400D) from an easy-calving base
- Strong female fertility indicated by top 5% rank for Days to Calving EBV
- Gene tested PP to geneticall dehorn progeny & rates well for foot & leg structure

QUAMBY PLAINS STOCKMASTER Y118  
 ┌ WIRRUNA FLETCHER F214  
   WIRRUNA LAST DAY B16 (H)

Sire: **WIRRUNA KILLARA K106 (WNAK106)**  
       WIRRUNA DAFFY D1  
 ┌ WIRRUNA MIDGE G482  
   WIRRUNA MIDGE C76

SCHU-LAR 5N OF 9L 3008 (IMP)  
 ┌ SCHU-LAR ON TARGET 22S (IMP)  
   SCHU-LAR 208 OF 1H 121 ET

Dam: **WIRRUNA ZITA J201 (WNAJ201)**  
       MOUNT DIFFICULT FELLIS Y12 (AI)  
 ┌ WIRRUNA ZITA E2  
   MOUNT DIFFICULT Z65

*Easy-calve*



Jan 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>+7.1</b>          | +3.9                  | <b>-1.8</b>             | <b>+1.3</b>  | +36               | +59            | +72            | +53            | +15          |
| 41%                  | 33%                   | 60%                     | 72%          | 67%               | 66%            | 65%            | 59%            | 50%          |

| FERTILITY         |                 | CARCASE     |             |              |               |             |         |          |
|-------------------|-----------------|-------------|-------------|--------------|---------------|-------------|---------|----------|
| Scrotal Size (cm) | Days to Calving | Carc Weight | EMA (sq cm) | Rib Fat (mm) | Rump Fat (mm) | RBY (%)     | IMF (%) | Docility |
| +2.2              | <b>-5.2</b>     | <b>+61</b>  | <b>+4.5</b> | +0.0         | -0.6          | <b>+1.5</b> | +0.5    | -2       |
| 76%               | 39%             | 55%         | 50%         | 54%          | 58%           | 51%         | 53%     | 50%      |

| STRUCTURAL ASSESSMENT |   |   |   |   |   |   | 7-Dec-18 | Temp. |
|-----------------------|---|---|---|---|---|---|----------|-------|
|                       |   |   |   |   |   |   | 5-Dec-18 |       |
| 6                     | 5 | 5 | 6 | 5 | 5 | 4 | 37       | 2     |

| INDEX VALUE  |              |              |              | Polled Gene       | Maturity | Mus Score | EYES |             |
|--------------|--------------|--------------|--------------|-------------------|----------|-----------|------|-------------|
| Supermarket  | Grass Fed    | Grain Fed    | EU Index     |                   |          |           |      | Eye Pigment |
| <b>\$113</b> | <b>\$112</b> | <b>\$132</b> | <b>\$131</b> | <b>PP</b><br>Homz | Mid      | C+        |      | 80/90       |
|              |              |              |              |                   |          |           | 4    |             |

Purchaser \_\_\_\_\_

Price \_\_\_\_\_





Pen No. 5 (Good Herd Bulls)

Birth Date: 8-Sep-17  
 Society ID: WNAN510  
 Horn/Scurs/Poll: P

- Smooth coated bull with docile nature
- Excellent fertility - top 1% SS plus top 1% DtC EBVs for fertile daughters
- Higher genetic fat has a positive effect on heifer fertility & beef quality
- Processors are wanting marbling for better MSA compliance - top 5% IMF%

STUDBROOK D'ARTAGNION V086 (AI) (ET)

┌ OTAPAWA SPARK 3060 (IMP)  
 OTAPAWA SPOT P30

Sire: **WIRRUNA LINDLEY L477 (WNAL477)**

└ SOUTH BUKALONG WALLACE 2  
 WIRRUNA MABEL F127  
 MOUNT DIFFICULT MABEL Z85

WIRRUNA DAFFY D1

┌ WIRRUNA GEELONG G171  
 WIRRUNA LAST DAY E163

Dam: **WIRRUNA CLARA K431 (WNAK431)**

└ PINE HILL CROSSFIRE C558  
 PINE HILL CLARA E693  
 PINE HILL CLARA B585



Jan 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 |
| -0.8                 | <b>+4.2</b>           | -0.4                    | +6.4         | +35               | +59            | +86            | +69            | +16          |
| 43%                  | 37%                   | 54%                     | 72%          | 65%               | 64%            | 63%            | 58%            | 50%          |

| FERTILITY         |                 | CARCASS     |             |              |               |         |             |          |
|-------------------|-----------------|-------------|-------------|--------------|---------------|---------|-------------|----------|
| Scrotal Size (cm) | Days to Calving | Carc Weight | EMA (sq cm) | Rib Fat (mm) | Rump Fat (mm) | RYB (%) | IMF (%)     | Docility |
| <b>+4.1</b>       | <b>-6.1</b>     | +54         | <b>+4.4</b> | <b>+1.9</b>  | <b>+2.4</b>   | -0.1    | <b>+1.7</b> | -13      |
| 75%               | 38%             | 53%         | 48%         | 51%          | 55%           | 49%     | 50%         | 47%      |

| STRUCTURAL ASSESSMENT |   |   |   |   |   |   | 7-Dec-18 | Temp. |
|-----------------------|---|---|---|---|---|---|----------|-------|
|                       |   |   |   |   |   |   | 5-Dec-18 |       |
| 6                     | 6 | 6 | 6 | 5 | 6 | 4 | 38       | 1     |

| INDEX VALUE  |              |              |              | Polled Gene       | Maturity | Mus Score | EYES |             |
|--------------|--------------|--------------|--------------|-------------------|----------|-----------|------|-------------|
| Supermarket  | Grass Fed    | Grain Fed    | EU Index     |                   |          |           |      | Eye Pigment |
| <b>\$122</b> | <b>\$121</b> | <b>\$160</b> | <b>\$139</b> | <b>PP</b><br>Homz | Mid      | C+        |      | 100/100     |
|              |              |              |              |                   |          |           | 4    |             |

Purchaser \_\_\_\_\_

Price \_\_\_\_\_





**FEMALE LOTS**

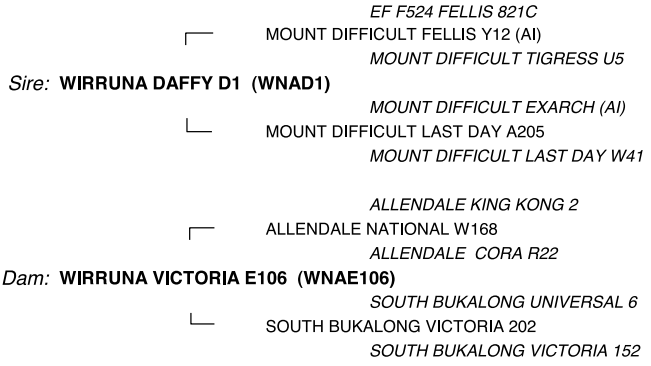
**Lot 64**  **WIRRUNA VICTORIA G92 (AI)** **G092**

**Pen No. 6 (PTIC Breeders)**

Birth Date: 11-Aug-11  
 Society ID: WNAG92  
 Horn/Scurs/Poll: P

- Ex-Donor cow - produced 13 progeny at Wurruna
- Exceptional doing-ability, great shape & body capacity
- A really balanced EBV profile gives strong \$Indices (top 5%)
- Homozygous polled & joining to Molong should add milk to progeny

*'Star Lot'*

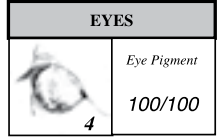


Jan 2019 GROUP BREEDPLAN EBV's

| 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>+11.0</b>         | <b>+4.6</b>           | <b>-3.5</b>             | <b>+1.7</b>  | +33               | <b>+66</b>     | +86            | <b>+95</b>     | +2           |
| 66%                  | 57%                   | 82%                     | 85%          | 81%               | 81%            | 81%            | 79%            | 73%          |

| FERTILITY         |                 | CARCASE     |             |              |               |             |             | Trial      |
|-------------------|-----------------|-------------|-------------|--------------|---------------|-------------|-------------|------------|
| Scrotal Size (cm) | Days to Calving | Carc Weight | EMA (sq cm) | Rib Fat (mm) | Rump Fat (mm) | RBV (%)     | IMF (%)     | Docility   |
| <b>+4.7</b>       | <b>-5.6</b>     | <b>+76</b>  | <b>+4.9</b> | <b>+1.0</b>  | +1.3          | <b>+1.7</b> | <b>+0.8</b> | <b>+14</b> |
| 80%               | 57%             | 73%         | 67%         | 71%          | 75%           | 68%         | 72%         | 73%        |

| INDEX VALUE  |              |              |              |
|--------------|--------------|--------------|--------------|
| Supermarket  | Grass Fed    | Grain Fed    | EU Index     |
| <b>\$133</b> | <b>\$132</b> | <b>\$151</b> | <b>\$153</b> |



**JOINING SIRE:** Wurruna Molong M010

**Est. Calving Date:** 03-Sep-19

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

**FEMALE LOTS**

**Lot 65**  **WIRRUNA GOLDEN VANITY J207** **J207**

**Pen No. 6 (PTIC Breeders)**

Birth Date: 21-Aug-13  
 Society ID: WNAJ207  
 Horn/Scurs/Poll: P

- Attractive cow with some extra frame
- Scores well structural traits & udder shape
- High scan for IMF% & Monopoly mating should produce high-end marbling
- I like the length & neck extension of this Wirruna Matron

VALMA JAMBOREE Y41  
 ┌ VALMA MAGNUM II  
   VALMA ADVANCER'S BANKSIA S86  
**Sire: WIRRUNA GLENHOPE G117 (WNAG117)**  
 ┌ WIRRUNA ALFA  
   WIRRUNA CORA C394  
     WIRRUNA CORA Z110  
  
 ┌ KOANUI ROCKET 0219  
   WIRRUNA DAVY D121  
     WIRRUNA LAST DAY W95  
**Dam: WIRRUNA GOLDEN VANITY F217 (WNAF217)**  
 ┌ ALLENDALE NATIONAL W168  
   WIRRUNA GOLDEN VANITY D135  
     WIRRUNA GOLDEN VANITY X112




Jan 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 |
| -0.3                 | <b>+7.0</b>           | <b>-1.8</b>             | +5.1         | +32               | +53            | +73            | +68            | +12          |
| 46%                  | 38%                   | 53%                     | 76%          | 71%               | 71%            | 74%            | 72%            | 64%          |

| FERTILITY         |                 | CARCASE     |             |              |               |         |             |                |
|-------------------|-----------------|-------------|-------------|--------------|---------------|---------|-------------|----------------|
| Scrotal Size (cm) | Days to Calving | Carc Weight | EMA (sq cm) | Rib Fat (mm) | Rump Fat (mm) | RBV (%) | IMF (%)     | Trial Docility |
| <b>+2.8</b>       | -1.7            | +43         | +3.1        | +0.8         | +1.0          | +0.6    | <b>+0.8</b> | <b>+11</b>     |
| 62%               | 45%             | 60%         | 49%         | 58%          | 63%           | 55%     | 56%         | 52%            |

| INDEX VALUE |           |           |          |
|-------------|-----------|-----------|----------|
| Supermarket | Grass Fed | Grain Fed | EU Index |
| \$89        | \$86      | \$104     | \$100    |

| EYES  |                        |
|---|------------------------|
|  | Eye Pigment<br>100/100 |

**JOINING SIRE:** Wirruna Monopoly M417

**Est. Calving Date:** 08-Sep-19

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

**FEMALE LOTS**

**Lot 66**  **WIRRUNA NADIA K187 (AI)** **K187**

**Pen No. 6 (PTIC Breeders)**

Birth Date: 17-Aug-14  
 Society ID: WNAK187  
 Horn/Scurs/Poll: P

- A growthy Advance daughter with good capacity & frame
- She did an exceptional job on her 'P' calf - top-end weaning weight
- A visually muscular female (EMA top 5%) who retains femininity
- PTIC to Lot 8 for a late September calf

*INJEMIRA ADVANCE T019 (AI) (H)*

┌ INJEMIRA ADVANCE V093 (H)  
*INJEMIRA PATTIE R467 (H)*

Sire: **INJEMIRA ADVANCE Y203 (H) (IHSY203)**  
 ┌ *HH ADVANCE 3021C (IMP) (H)*  
 INJEMIRA FIRST DAY S198 (H)  
*INJEMIRA FIRST DAY Q043 (H)*

*EF F524 FELLIS 821C*

┌ MOUNT DIFFICULT FELLIS Y12 (AI)  
*MOUNT DIFFICULT TIGRESS US*

Dam: **MOUNT DIFFICULT NADIA C85 (MTTC85)**  
 ┌ *JC CATALYST (IMP)*  
 MOUNT DIFFICULT NADIA V15 (AI)  
*MOUNT DIFFICULT NADIA S37*

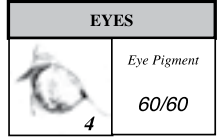


Jan 2019 GROUP BREEDPLAN EBV's

| 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>+6.8</b>          | +1.5                  | <b>-1.6</b>             | +3.3         | +35               | +61            | +84            | +80            | <b>+22</b>   |
| 56%                  | 49%                   | 78%                     | 78%          | 74%               | 74%            | 76%            | 75%            | 66%          |

| FERTILITY         |                 | CARCASE     |             |              |               |             |             | Trial    |
|-------------------|-----------------|-------------|-------------|--------------|---------------|-------------|-------------|----------|
| Scrotal Size (cm) | Days to Calving | Carc Weight | EMA (sq cm) | Rib Fat (mm) | Rump Fat (mm) | RYB (%)     | IMF (%)     | Docility |
| +1.9              | -3.5            | <b>+65</b>  | <b>+6.2</b> | +0.5         | +0.3          | <b>+1.7</b> | <b>+0.9</b> | +6       |
| 72%               | 48%             | 66%         | 60%         | 64%          | 68%           | 61%         | 64%         | 58%      |

| INDEX VALUE  |              |              |              |
|--------------|--------------|--------------|--------------|
| Supermarket  | Grass Fed    | Grain Fed    | EU Index     |
| <b>\$117</b> | <b>\$114</b> | <b>\$135</b> | <b>\$132</b> |



**JOINING SIRE:** Wirruna Michelangelo M433

**Est. Calving Date:** 23-Sep-19

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

**Lot 67**  **WIRRUNA DOREEN K204 (AI)** **K204**

**Pen No. 6 (PTIC Breeders)**

Birth Date: 18-Aug-14  
 Society ID: WNAK204  
 Horn/Scurs/Pol: P

- Typical Guru female - dark fine coat & well pigmented
- Appreciate her long body & well-shaped udder
- Carries easy-calving traits & top 10% EMA EBV
- Positive fat is a good risk management trait to have in those tougher years

*HEATHERDALE OPIUM U78 (AI)*

┌ VALMA MERCHANT  
*VALMA EPICS MOONSHINE W50*

Sire: **YAVENVALE GURU (YAVG031)**

*SOUTH BUKALONG WALLACE 2*

┌ YAVENVALE TREASURE D403  
*YAVENVALE TREASURE B247 (H)*

*MOUNT DIFFICULT FELLIS Y12 (AI)*

┌ WIRRUNA DARCY D63  
*WIRRUNA PENELOPE B126*

Dam: **WIRRUNA DOREEN F273 (WNAF273)**

*MARKOWEN AUTHOR 2 (AI)*

┌ WIRRUNA DOREEN D31  
*WIRRUNA DOREEN B110*

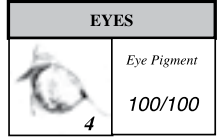


Jan 2019 GROUP BREEDPLAN EBV's

| 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>          | +3.4                  | -0.5                    | <b>+1.3</b>  | +26               | +47            | +56            | +36            | +15          |
| 52%                  | 44%                   | 75%                     | 77%          | 72%               | 72%            | 74%            | 73%            | 65%          |

| FERTILITY         |                 | CARCASE     |             |              |               |         |         | Trial    |
|-------------------|-----------------|-------------|-------------|--------------|---------------|---------|---------|----------|
| Scrotal Size (cm) | Days to Calving | Carc Weight | EMA (sq cm) | Rib Fat (mm) | Rump Fat (mm) | RBV (%) | IMF (%) | Docility |
| +1.7              | <b>-4.0</b>     | +48         | <b>+5.0</b> | <b>+1.4</b>  | <b>+1.9</b>   | +1.1    | +0.5    | -3       |
| 64%               | 46%             | 64%         | 55%         | 62%          | 66%           | 58%     | 61%     | 57%      |

| INDEX VALUE |              |           |          |
|-------------|--------------|-----------|----------|
| Supermarket | Grass Fed    | Grain Fed | EU Index |
| \$100       | <b>\$102</b> | \$117     | \$114    |



**JOINING SIRE:** Wirruna Monopoly M417

**Est. Calving Date:** 24-Aug-19

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

**FEMALE  
LOTS**

**Lot 68**  **WIRRUNA GOLDEN VANITY K530** **K530**

**Pen No. 6 (PTIC Breeders)**

Birth Date: 18-Sep-14  
Society ID: WNAK530  
Horn/Scurs/Poll: P

- A functional feminine cow with long neck
- Continues to achieve good calf weight at weaning - high maternal efficiency
- Excellent fertility - short DtC EBV & high SS EBV (top 5%)
- Positive fat for fertility & longevity in the herd

*MOUNT DIFFICULT FELLIS Y12 (AI)*

┌ WIRRUNA DAFFY D1  
*MOUNT DIFFICULT LAST DAY A205*

Sire: **WIRRUNA HIGH LEVEL H236 (WNAH236)**  
┌ *RRH MR FELT 3008 (IMP)*  
MOUNT DIFFICULT LAST DAY B35  
*MOUNT DIFFICULT LAST DAY W29*

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

Dam: **WIRRUNA GOLDEN VANITY H32 (WNAH32)**  
┌ *ALLENDALE NATIONAL W168*  
WIRRUNA GOLDEN VANITY F402  
*WIRRUNA GOLDEN VANITY A99*




Jan 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 |
| +1.8                 | -0.3                  | <b>-2.3</b>             | +4.4         | +30               | +45            | +61            | +52            | +6           |
| 51%                  | 42%                   | 64%                     | 76%          | 71%               | 71%            | 73%            | 72%            | 58%          |

| FERTILITY         |                 | CARCASE     |             |              |               |         |         | Trial    |
|-------------------|-----------------|-------------|-------------|--------------|---------------|---------|---------|----------|
| Scrotal Size (cm) | Days to Calving | Carc Weight | EMA (sq cm) | Rib Fat (mm) | Rump Fat (mm) | RBV (%) | IMF (%) | Docility |
| <b>+3.8</b>       | <b>-5.6</b>     | +39         | +2.7        | +0.5         | +0.4          | +1.0    | +0.2    | -1       |
| 66%               | 43%             | 60%         | 51%         | 59%          | 64%           | 56%     | 58%     | 54%      |

| INDEX VALUE |           |           |          |
|-------------|-----------|-----------|----------|
| Supermarket | Grass Fed | Grain Fed | EU Index |
| \$89        | \$88      | \$103     | \$107    |

| EYES  |                        |
|---|------------------------|
|  | Eye Pigment<br>100/100 |

**JOINING SIRE:** Wirruna Molong M010

**Est. Calving Date:** 08-Sep-19

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



**FEMALE LOTS**

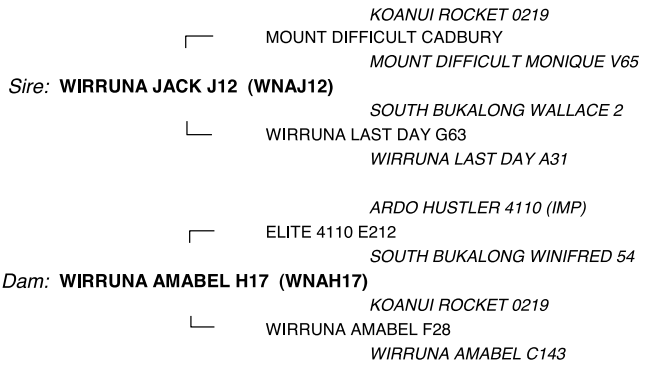
**Lot 69**  **WIRRUNA AMABEL L577** **L577**

**Pen No. 6 (PTIC Breeders)**

Birth Date: 11-Sep-15  
 Society ID: WNAL577  
 Horn/Scurs/Poll: P

- A well-shaped Jack daughter with femininity
- Offers top 5% growth traits from a strong calving ease base
- Offers Homozygous polled genetics & strong profit potential
- Quiet temperament is a feature of this cow - top 5% Doc EBV

*'Star Lot'*




Jan 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>+5.5</b>           | <b>-2.8</b>             | +3.0         | <b>+40</b>        | <b>+72</b>     | <b>+101</b>    | <b>+92</b>     | +7           |
| 51%                  | 41%                   | 71%                     | 77%          | 71%               | 70%            | 73%            | 66%            | 55%          |

| FERTILITY         |                 | CARCASE     |             |              |               |         | Trial       |            |
|-------------------|-----------------|-------------|-------------|--------------|---------------|---------|-------------|------------|
| Scrotal Size (cm) | Days to Calving | Carc Weight | EMA (sq cm) | Rib Fat (mm) | Rump Fat (mm) | RBV (%) | IMF (%)     | Docility   |
| <b>+2.6</b>       | -2.4            | <b>+76</b>  | +3.5        | <b>+1.2</b>  | <b>+1.5</b>   | +0.5    | <b>+0.9</b> | <b>+16</b> |
| 63%               | 42%             | 59%         | 49%         | 57%          | 62%           | 54%     | 55%         | 54%        |

| INDEX VALUE  |              |              |              |
|--------------|--------------|--------------|--------------|
| Supermarket  | Grass Fed    | Grain Fed    | EU Index     |
| <b>\$130</b> | <b>\$126</b> | <b>\$145</b> | <b>\$140</b> |

| EYES  |             |
|---|-------------|
|  | Eye Pigment |
| 4   | 100/100     |

**JOINING SIRE:** Wirruna Michelangelo M433

**Est. Calving Date:** 03-Sep-19

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

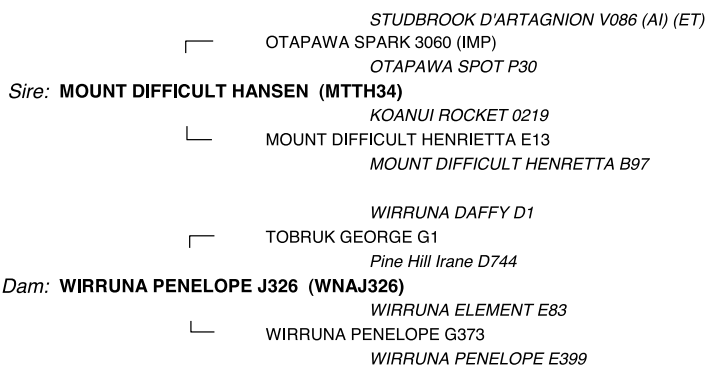
**FEMALE LOTS**

**Lot 70**  **WIRRUNA PENELOPE M013 (AI)** **M013**

**Pen No. 6 (PTIC Breeders)**

Birth Date: 4-Aug-16  
 Society ID: WNAM013  
 Horn/Scurs/Poll: P

- Attractive & shows good capacity
- Dispalys top 15% growth & calving ease traits - curve bending genetics
- I like her well-hooded eyes & docile nature
- A quality 1st calver, pregnant to exciting new Wirruna sire N142

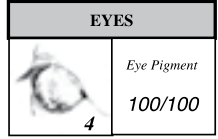


Jan 2019 GROUP BREEDPLAN EBV's

| 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>+7.1</b>          | <b>+6.4</b>           | <b>-2.6</b>             | +3.2         | <b>+39</b>        | <b>+64</b>     | <b>+89</b>     | <b>+87</b>     | +12          |
| 47%                  | 37%                   | 60%                     | 74%          | 68%               | 68%            | 71%            | 63%            | 48%          |

| FERTILITY         |                 | CARCASE     |             |              |               |             |         | Trial Docility |
|-------------------|-----------------|-------------|-------------|--------------|---------------|-------------|---------|----------------|
| Scrotal Size (cm) | Days to Calving | Carc Weight | EMA (sq cm) | Rib Fat (mm) | Rump Fat (mm) | RBV (%)     | IMF (%) |                |
| +1.3              | -0.5            | <b>+70</b>  | <b>+4.5</b> | +0.4         | +0.5          | <b>+1.9</b> | +0.0    | <b>+13</b>     |
| 62%               | 40%             | 58%         | 47%         | 56%          | 61%           | 53%         | 55%     | 49%            |

| INDEX VALUE  |              |           |              |
|--------------|--------------|-----------|--------------|
| Supermarket  | Grass Fed    | Grain Fed | EU Index     |
| <b>\$110</b> | <b>\$105</b> | \$106     | <b>\$118</b> |



**JOINING SIRE:** Wirruna Noosa N142

**Est. Calving Date:** 24-Aug-19

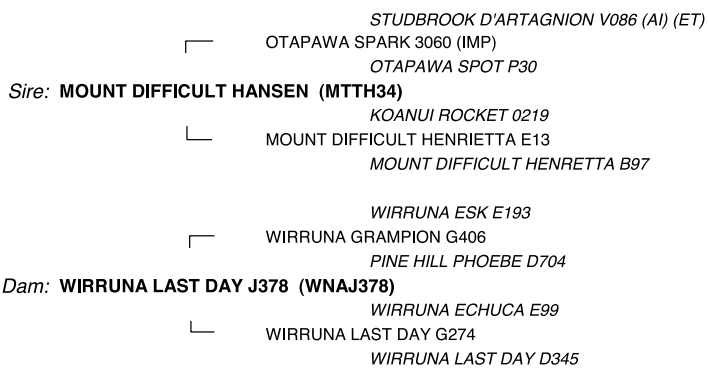
Purchaser \_\_\_\_\_ Price \_\_\_\_\_

**Lot 71**  **WIRRUNA LAST DAY M212 (AI)** **M212**

**Pen No. 6 (PTIC Breeders)**

Birth Date: 16-Aug-16  
 Society ID: WNAM212  
 Horn/Scurs/Pol: P

- Easy-doing daughter of Hansen
- Strong CE traits (top 15%) & low birthweight (lightest 5%)
- Rates highly for the fat traits - within top 20% for Rib, Rump & IMF%
- Features a very good udder & good temperament

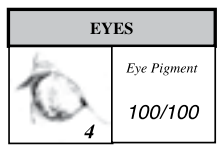


Jan 2019 GROUP BREEDPLAN EBV's

| 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>+7.6</b>          | <b>+7.9</b>           | <b>-2.5</b>             | <b>+0.6</b>  | +31               | +48            | +62            | +51            | +15          |
| 47%                  | 37%                   | 73%                     | 75%          | 69%               | 69%            | 72%            | 65%            | 49%          |

| FERTILITY         |                 | CARCASE     |             |              |               |         |             |                |
|-------------------|-----------------|-------------|-------------|--------------|---------------|---------|-------------|----------------|
| Scrotal Size (cm) | Days to Calving | Carc Weight | EMA (sq cm) | Rib Fat (mm) | Rump Fat (mm) | RBV (%) | IMF (%)     | Trial Docility |
| +1.0              | -2.1            | +50         | +2.0        | <b>+1.5</b>  | <b>+2.4</b>   | -0.6    | <b>+0.8</b> | <b>+10</b>     |
| 63%               | 43%             | 59%         | 48%         | 58%          | 62%           | 54%     | 56%         | 49%            |

| INDEX VALUE |           |           |          |
|-------------|-----------|-----------|----------|
| Supermarket | Grass Fed | Grain Fed | EU Index |
| \$94        | \$94      | \$105     | \$100    |



**JOINING SIRE:** Wirruna Noosa N142

**Est. Calving Date:** 29-Aug-19

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

**FEMALE LOTS**

**Lot 72**  **WIRRUNA UNDERTONE M274 (AI)** **M274**

**Pen No. 6 (PTIC Breeders)**

Birth Date: 20-Aug-16  
 Society ID: WNAM274  
 Horn/Scurs/Poll: P

- Another soft-doing Hansen daughter
- Offering good fat EBVs for meat quality (top 15% IMF%) & fertility benefits
- Exhibits very good udder placement & strong milk attributes
- Recently weaned an excellent first calf

*STUDBROOK D'ARTAGNION V086 (AI) (ET)*

┌ OTAPAWA SPARK 3060 (IMP)  
*OTAPAWA SPOT P30*

**Sire: MOUNT DIFFICULT HANSEN (MTTH34)**  
*KOANUI ROCKET 0219*

└ MOUNT DIFFICULT HENRIETTA E13  
*MOUNT DIFFICULT HENRETTA B97*

*ARDO RUSSIA 4133*

┌ WIRRUNA DARKIE D66  
*WIRRUNA GOLDEN VANITY B145*

**Dam: WIRRUNA UNDERTONE G477 (WNAG477)**  
*MOUNT DIFFICULT UNGAR (S)*

└ WIRRUNA UNDERTONE B41  
*WIRRUNA UNDERTONE Z153*

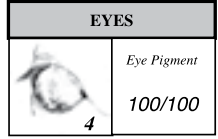


Jan 2019 GROUP BREEDPLAN EBV's

| 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                 | +3.7                  | <b>-2.2</b>             | <b>+2.2</b>  | +30               | +47            | +64            | +64            | +18          |
| 49%                  | 40%                   | 75%                     | 76%          | 70%               | 70%            | 73%            | 66%            | 53%          |

| FERTILITY         |                 | CARCASE     |             |              |               |         |             | Trial      |
|-------------------|-----------------|-------------|-------------|--------------|---------------|---------|-------------|------------|
| Scrotal Size (cm) | Days to Calving | Carc Weight | EMA (sq cm) | Rib Fat (mm) | Rump Fat (mm) | RBV (%) | IMF (%)     | Docility   |
| +1.5              | <b>-4.2</b>     | +47         | <b>+4.3</b> | <b>+2.6</b>  | <b>+3.9</b>   | +0.2    | <b>+1.0</b> | <b>+14</b> |
| 63%               | 45%             | 60%         | 49%         | 59%          | 63%           | 55%     | 57%         | 51%        |

| INDEX VALUE |              |           |          |
|-------------|--------------|-----------|----------|
| Supermarket | Grass Fed    | Grain Fed | EU Index |
| \$105       | <b>\$105</b> | \$119     | \$115    |



**JOINING SIRE:** Wirruna Noosa N142

**Est. Calving Date:** 08-Sep-19

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

**FEMALE LOTS**

**Lot 73**  **WIRRUNA CAMILLA M406** **M406**

**Pen No. 6 (PTIC Breeders)**

Birth Date: 29-Aug-16  
 Society ID: WNAM406  
 Horn/Scurs/Pol: P

- A well grown & docile Keech daughter
- Displays both good structure & good udder shape
- Proven maternal performance - weaned top-end 'P' bull calf
- Joining to exiting new carcass sire N184 should compliment this cow

YARRAM LOTTERY X122 (H)

┌ ELITE X122 H2  
 ELITE LASSIE Y781 F15

Sire: **WIRRUNA KEECH K93 (WNAK93)**

┌ WIRRUNA FORT F382  
 WIRRUNA DOREEN H287  
 WIRRUNA DOREEN F373

WIRRUNA ESK E193

┌ WIRRUNA GRAMPION G406  
 PINE HILL PHOEBE D704

Dam: **WIRRUNA CAMILLA J346 (WNAJ346)**

┌ WIRRUNA DAFFY D1  
 WIRRUNA CAMILLA G424  
 MOUNT DIFFICULT CAMILLA A127

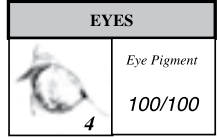


Jan 2019 GROUP BREEDPLAN EBV's

| 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>          | +3.6                  | <b>-2.6</b>             | <b>+2.3</b>  | +28               | +52            | +66            | +49            | +16          |
| 43%                  | 32%                   | 53%                     | 74%          | 67%               | 68%            | 71%            | 62%            | 44%          |

| FERTILITY         |                 | CARCASS     |             |              |               |             |         | Trial      |
|-------------------|-----------------|-------------|-------------|--------------|---------------|-------------|---------|------------|
| Scrotal Size (cm) | Days to Calving | Carc Weight | EMA (sq cm) | Rib Fat (mm) | Rump Fat (mm) | RYB (%)     | IMF (%) | Docility   |
| +1.9              | <b>-4.8</b>     | +53         | +3.8        | +0.4         | +0.3          | <b>+1.7</b> | -0.4    | <b>+11</b> |
| 60%               | 40%             | 56%         | 45%         | 56%          | 61%           | 52%         | 53%     | 49%        |

| INDEX VALUE |           |           |          |
|-------------|-----------|-----------|----------|
| Supermarket | Grass Fed | Grain Fed | EU Index |
| \$102       | \$100     | \$105     | \$116    |



**JOINING SIRE:** Wirruna Nimble N184

**Est. Calving Date:** 03-Sep-19

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

**FEMALE LOTS**

**Lot 74**  **WIRRUNA PHOEBE M536** **M536**

**Pen No. 6 (PTIC Breeders)**

Birth Date: 17-Sep-16  
 Society ID: WNAM536  
 Horn/Scurs/Poll: P

- Well structured cow with good neck extension
- Offers curve-bending growth - 200D in top 20% of breed
- Very good udder & she weaned a very good first calf
- Joining to N142 will add further growth, milk & carcase to her progeny

*CAPETHORNE HOT SHOT 03 22*

┌ MATARIKI HOLY-SMOKE  
*MATARIKI GIRLIE 00323*

**Sire: WIRRUNA KARN K30 (WNAK30)**

┌ *WIRRUNA FILMER F195*  
 WIRRUNA GOLDEN VANITY H293  
*WIRRUNA GOLDEN VANITY E354*

┌ *SOUTH BUKALONG SHAW 3*  
 SOUTH BUKALONG SHANNON 40  
*SOUTH BUKALONG PETAL 88*

**Dam: PINE HILL PHOEBE D704 (WKHD704)**

┌ *RRR MR FELT 3008 (IMP)*  
 PINE HILL PHOEBE B602  
*PINE HILL PHOEBE W547*

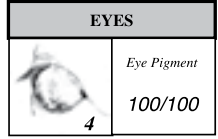


Jan 2019 GROUP BREEDPLAN EBV's

| 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 |
| +0.2                 | <b>+4.0</b>           | -1.2                    | +4.0         | <b>+38</b>        | +60            | +78            | +69            | +12          |
| 45%                  | 39%                   | 61%                     | 73%          | 66%               | 66%            | 69%            | 62%            | 51%          |

| FERTILITY         |                 | CARCASE     |             |              |               |         |         | Trial    |
|-------------------|-----------------|-------------|-------------|--------------|---------------|---------|---------|----------|
| Scrotal Size (cm) | Days to Calving | Carc Weight | EMA (sq cm) | Rib Fat (mm) | Rump Fat (mm) | RYB (%) | IMF (%) | Docility |
| +1.3              | <b>-4.0</b>     | +54         | +1.8        | <b>+1.1</b>  | <b>+1.5</b>   | -0.6    | +0.7    | -2       |
| 61%               | 39%             | 56%         | 47%         | 56%          | 60%           | 52%     | 54%     | 46%      |

| INDEX VALUE |           |           |          |
|-------------|-----------|-----------|----------|
| Supermarket | Grass Fed | Grain Fed | EU Index |
| \$95        | \$91      | \$107     | \$103    |



**JOINING SIRE:** Wirruna Noosa N142

**Est. Calving Date:** 29-Aug-19

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



# 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**  
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Valent BioSciences Corporation, Libertyville, IL, USA.

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

**Lot 75 ✓ 11 x Stud Breeding Cows (PTIC)**

*Pen No. 12 (Stud cows)*

- 11 fully recorded and registered Poll Hereford/Hereford cows
- Rising 3 years of age (M tags)
- Joined to high \$Index Wurruna Sires
- Pregnancy tested to calve (mid Aug-Sep '19)
- EBV's & joining details available upon request

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

**Lot 76 ✓ 8 x Stud Breeding Cows (PTIC)**

*Pen No. 13 (Stud cows)*

- 8 fully recorded and registered Poll Hereford/Hereford cows
- Rising 4-5 years of age (L & K tags)
- Joined to next generation Wurruna Sires
- Pregnancy tested to calve (mid Aug-Sep '19)
- EBV's & joining details available upon request

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

**Lot 77 ✓ 7 x Stud Breeding Cows (PTIC)**

*Pen No. 14 (Stud cows)*

- 10 fully recorded and registered Poll Hereford cows
- Rising 6 to 8 years of age (G, H & J tags)
- Joined to high \$Index Wurruna Sires
- Superior phenotypes
- EBV's & joining details available upon request

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

**Lot 78 ✓ 14 x Performance Recorded Cows (PTIC)**

*Pen No. 16 (Commercial cows)*

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

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



**Lot 79 ✓ 15 x Performance Recorded Cows (PTIC)**

*Pen No. 17 (Commercial cows)*

- 15 fully recorded Poll Hereford/Hereford cows
- Rising 4 years of age (L tags)
- Joined to high \$Index Wirruna Sires
- Pregnancy tested to calve (mid Aug-Sep '19)
- EBV's & joining details available upon request

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

**Lot 80 ✓ 7 x Performance Recorded Cows (PTIC)**

*Pen No. 9 (Commercial cows)*

- 7 fully recorded Poll Hereford cows
- Rising 5 to 8 years of age (G, H, J & K tags)
- Joined to high \$Index Wirruna Sires
- Pregnancy tested to calve (mid Aug-Sep '19)
- EBV's & joining details available upon request

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

**Information on joining sires of female lots**

| <i>SIRE ID</i> | <i>Sire</i>           | <i>CE (Dir)</i> | <i>BW</i> | <i>400D</i> | <i>Milk</i> | <i>EMA</i> | <i>IMF%</i> | <i>Grain-fed Index</i> |
|----------------|-----------------------|-----------------|-----------|-------------|-------------|------------|-------------|------------------------|
| <b>WNAM010</b> | Wirruna Fletcher F214 | +13.9           | -1.4      | +56         | +23         | +6.9       | +1.7        | \$177                  |
| <b>WNAM154</b> | Wirruna Justin J13    | -4.6            | +3.9      | +67         | +15         | +5.8       | +2.0        | \$180                  |
| <b>WNAM417</b> | Wirruna Keith K169    | -0.1            | +2.7      | +58         | +19         | +6.0       | +2.4        | \$166                  |
| <b>WNAM433</b> | KCF B Rev X51         | +12.4           | +0.1      | +49         | +11         | +9.1       | +2.4        | \$180                  |
| <b>WNAN142</b> | Allendale Anzac E114  | +4.4            | +4.3      | +65         | +18         | +4.9       | +2.8        | \$175                  |
| <b>WNAN184</b> | Wirruna Katnook K74   | -1.3            | +4.9      | +59         | +16         | +7.4       | +2.4        | \$177                  |

# We're focused on your community's growth

Proud to support the Locke Family

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RA600210-5444

# 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, 28TH AUGUST, 2019

# Notes

To view an online video of the Autumn  
2019 sale bulls, go to  
[www.wirruna.com](http://www.wirruna.com) and click the link on  
the home page.

## LOCATION MAP

