



WIRRUNA
poll herefords

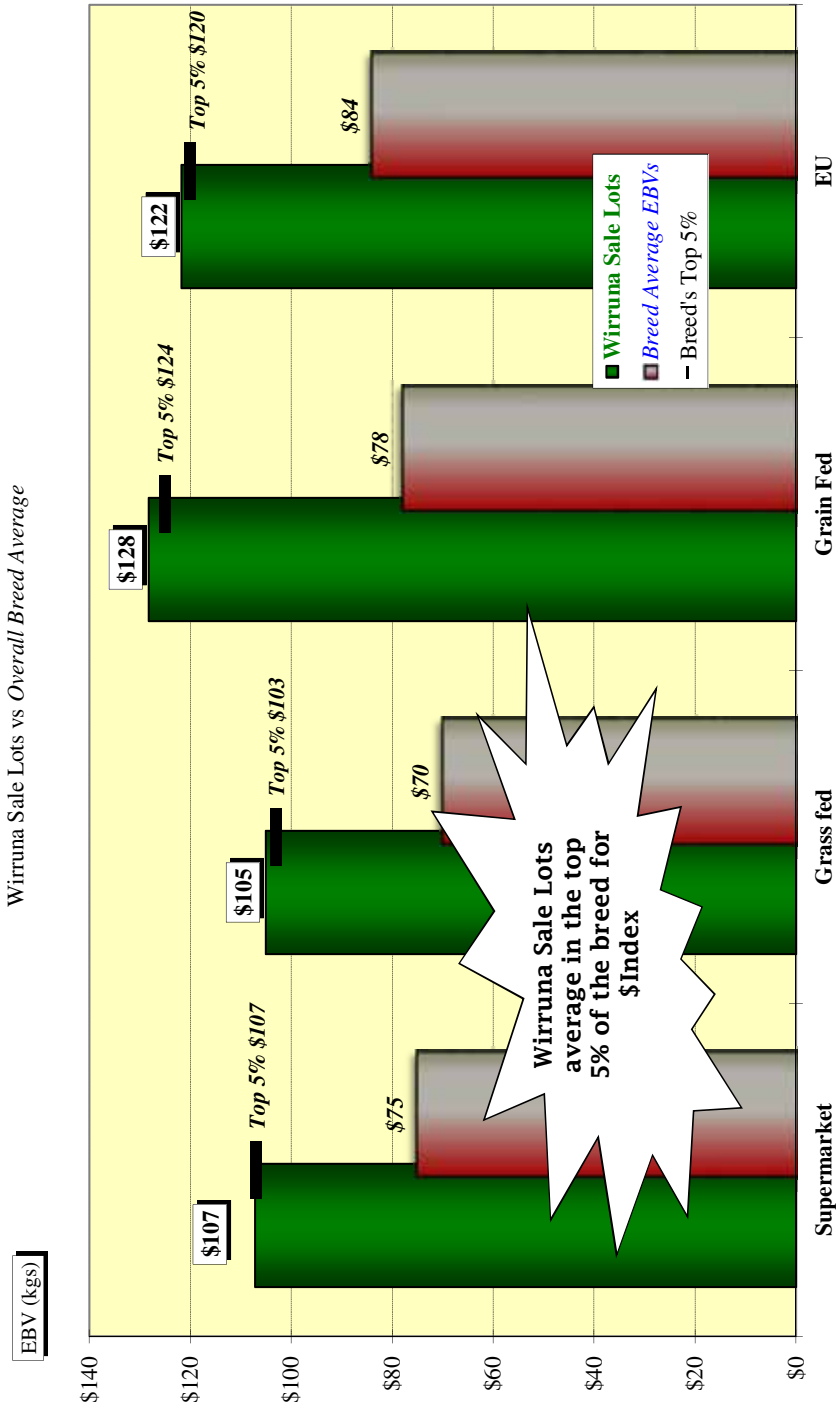
Spring Bull & Female Sale

USING THE HELMSMAN
BUYING SYSTEM

Wednesday, August 24, 2016

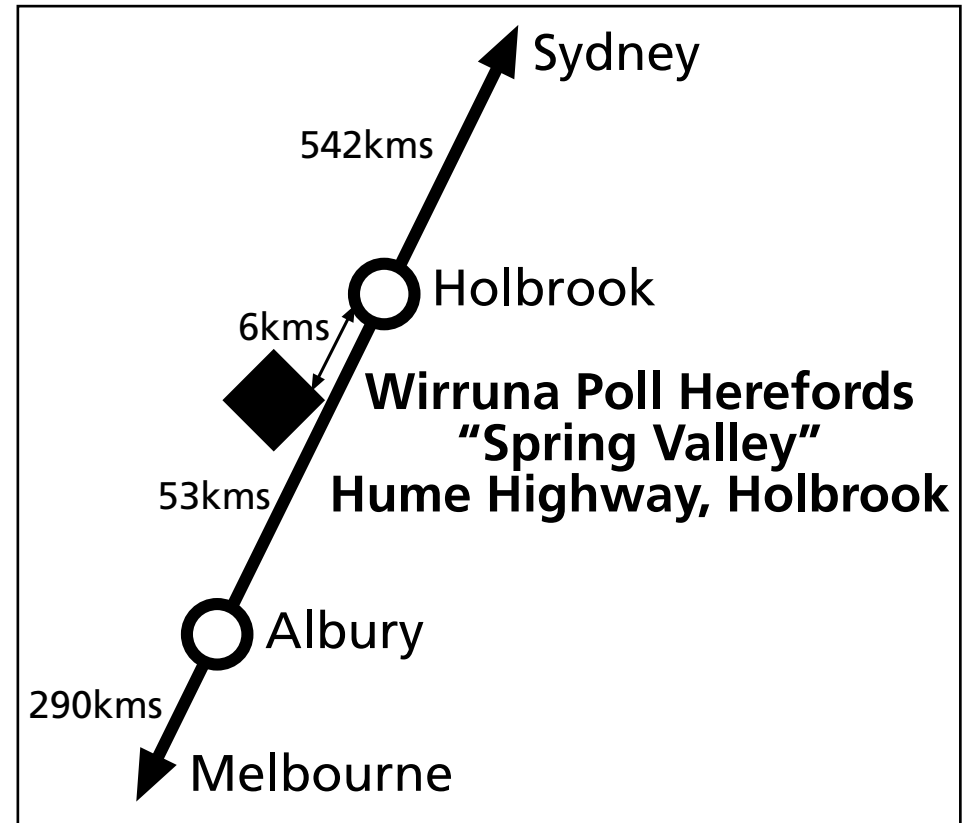


COMPARISON OF \$INDEX VALUES
Wirruna Sale Lots vs Overall Breed Average



To view an online video of the Spring 2016 sale bulls, go to www.wirruna.com and click the link on the home page.

LOCATION MAP





WIRRUNA
poll herefords

Spring Bull & Female Sale

Offering....

**54 x Poll Hereford Bulls
14 x PTIC Breeders as Individual Lots**

USING THE HELMSMAN BUYING SYSTEM

To be held undercover at
"Spring Valley" Holbrook NSW

Wednesday, 24th August, 2016

INSPECTION FROM 10.00 AM - AUCTION: BULLS 1.00 PM

Ian & Diana Locke Ph: (02) 6036 2877
Fax: (02) 6036 3060
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Email: locke.ian@bigpond.com

Chris Callow
Callow Livestock

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

Sale agent - John Atkins



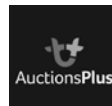
Ph: (02) 6026 4207
Mob: (0428) 690 267
Email: atkinsak@bigpond.com

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.

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WIRRUNA
poll herefords

Spring 2016 Sale

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

The 52 'K' bulls offered in this sale are 24 months old. They are grassfed, independently assessed for fertility and structure and are ready to work in your herds. There are also a further two out of season bulls, Lots 53 & 54 that are aged 18 months. 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 heifers, 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) allowing you to preview individual lots and better prepare your selections for sale day.

The following graphs included in this catalogue provide a genetic audit of the WIRRUNA herd. They compare our genetics to the breed as a whole for the last 20 years. These graphs clearly demonstrate the genetic focus of the WIRRUNA program. You will notice that we do not partake in an EBV race for the highest growing animals, instead we focus on keeping birth weights low (& calving ease high) and pushing early growth from that low base. Likewise we do not like to see high mature cow weights as we need to run low cost, moderately sized cows that do not look and consume grass like draft horses. In a high production system with tight calving periods, large frame cows typically fail to rejoin, particularly when times get tough!

Calving ease at WIRRUNA is very good with all 2014 born calves averaging in the top 20% of the breed. For the early growth traits, WIRRUNA average in the top 25%. I also refer you to the carcass traits where the calves average in the top 10% for muscling (EMA) and top 10% for marbling (IMF%) which has proven meat quality advantages. WIRRUNA bulls have long held an advantage in carcass traits.

The structural evaluation and scanning for carcass traits has been done by Liam Cardile from Beef Excel. Service ability testing and breeding soundness is undertaken by vets from Holbrook Vet Centre.

The WIRRUNA Poll Hereford herd has for many years led the way in performance recording of Poll Hereford genetics under commercial stress conditions. Over the years, WIRRUNA has BREEDPLAN recorded over 14,000 cattle with some 9,000 birth weight records. All cattle, including bulls are run in large management groups to enhance the accuracy of the BREEDPLAN data. WIRRUNA are pleased to have attained a 5 STAR "Completeness of Performance" herd rating which is aimed to give commercial cattleman the confidence that WIRRUNA genetics are well described and is backed by high quality performance data.

We trust you will be able to come and enjoy our sale day. Please let us know if we can be of any assistance in making your selections.

The Locke Family



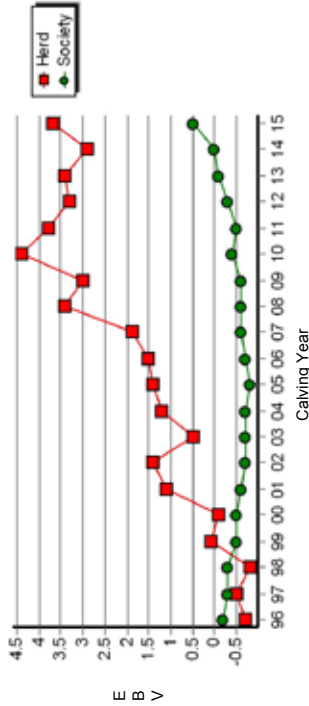
WIRRUNA
past heritables

GENETIC AUDIT OF WIRRUNA HERD

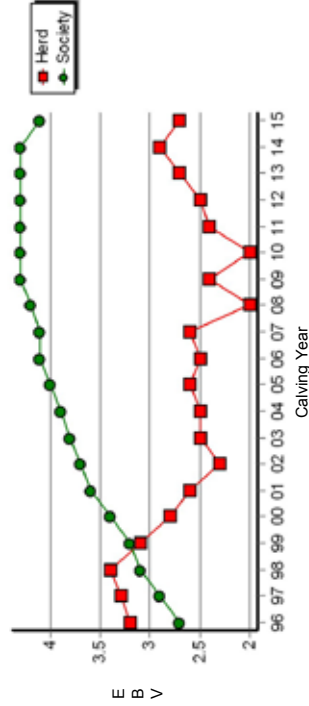
June 2016 Hereford GROUP BREEDPLAN

Graphs of Herd Compared with Breed Genetic Trends

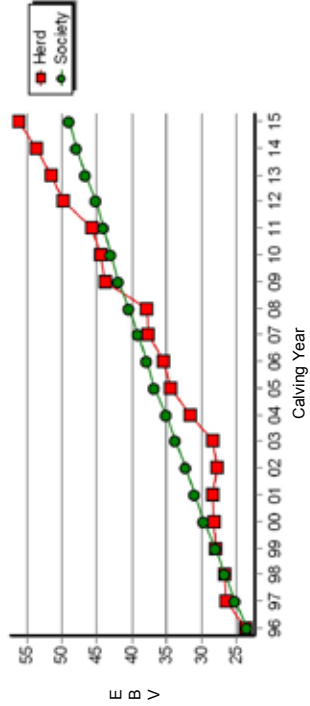
Calving Ease Dir (%)



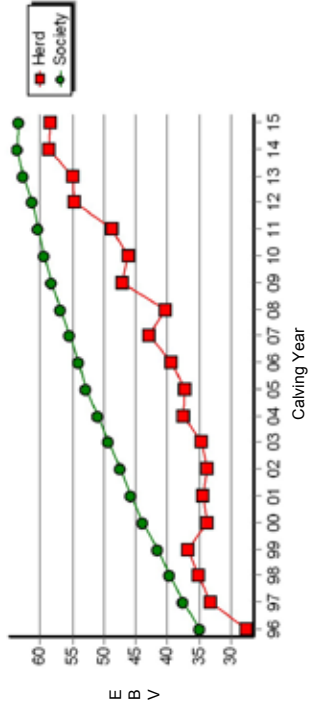
Birth Weight (kg)



400 Day Weight (kg)



Mature Weight (kg)





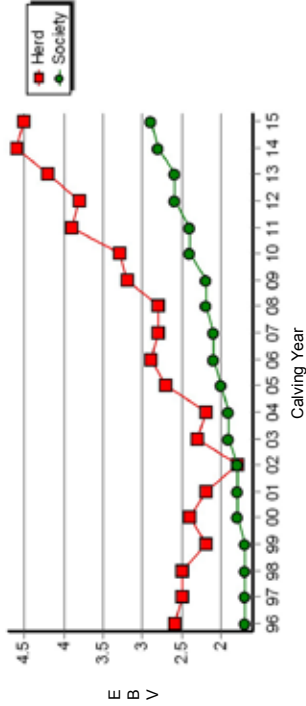
WIRRUNA
past heritance

GENETIC AUDIT OF WIRRUNA HERD

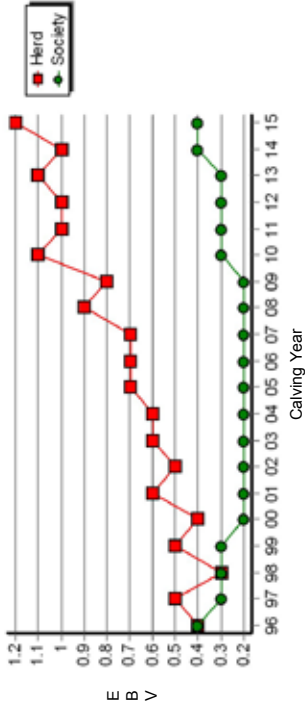
June 2016 Hereford GROUP BREEDPLAN

Graphs of Herd Compared with Breed Genetic Trends

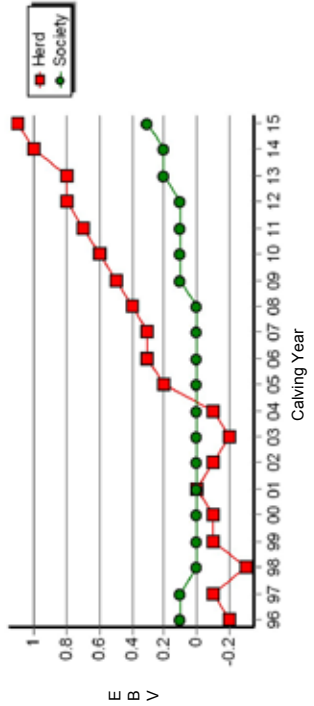
Carcase EMA (sq.cm)



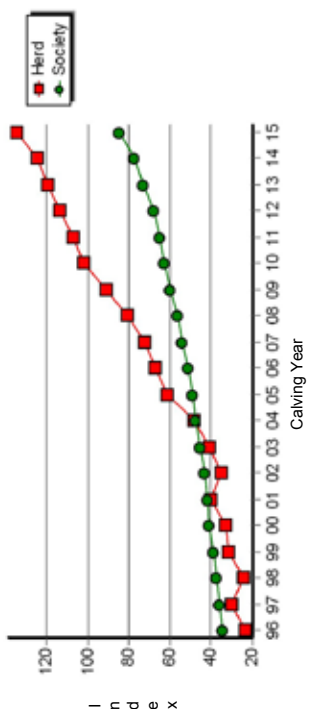
Carcase Rib Fat (mm)



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 June 23, 2016.
- 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 29, 2015 (at 13 months) by Liam Cardile (*Accreditation Status No. 1033*).
- **Level of Feed Supplementation.** A 10% ration of pellet and hay supplementation has been provided in the 2 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 2014.
- The whole herd is Monitored Negative 3 (MN3) Status to the **National Johne's Disease Market Assurance Program Certificate No. NC15135**. This is the highest possible status.
- **Transfer of Registration.** Bulls are registered with the Herefords Australia Ltd and the transfer of registration can be arranged by request of the purchaser. Lots not registered are clearly identified.
- **NLIS.** As a client service WIRRUNA will transfer the NLIS tag to your PIC following delivery. Please provide your PIC.

COMPLETENESS OF PERFORMANCE



WIRRUNA POLL HEREFORDS



'5' STAR BREEDPLAN RECORDER

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



WIRRUNA
poll herefords

Quality Beyond Genetics

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

Today's cow herd at Wirruna comprises 700 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 60 years selection and over 14,000 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 (MN3) for John'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 more recently, 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

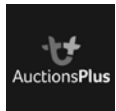


HELMSMAN – A CLIENT FRIENDLY BUYING SYSTEM

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 it’s 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 bidding is available via your computer, ipad or smart phone. For those not able to attend the sale, you must register within 24 hours prior to the sale in order to bid.www.auctionsplus.com.au or Phone 02 9262 4222.



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 14,000 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 July 2016 GROUP BREEDPLAN EBV's and can be directly compared with only July 2016 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 2014)</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
+0.1	+1.1	-0.2	+4.3	+29	+48	+68	+64	+13

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

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

EBVs are calculated for the following traits.

CALVING EASE

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

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

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

BIRTH

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

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

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

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. Wurruna 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

Wurruna 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. Wurruna is currently placing significant emphasis on carcass traits in sire selection.

GROUP BREEDPLAN EBV'S (kgs) (Carcass) (Figures are breed av. calves born 2014)						MUSCLE SCORE
Carcass Weight	EMA (cm ²)	Rib Fat (mm)	P8 Fat (mm)	RBV%	IMF%	Range A ← E
+43	+2.8	+0.4	+0.4	+0.8	+0.2	

Carcass Weight CWT EBV (kg) estimates the genetic difference in carcass weight at a standard age of 650 days.

EMA Eye Muscle Area EBV (cm²) estimates genetic differences in the eye muscle area at the 12th/13th 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 12th/13th 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 12th/13th 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 <i>(Figures are breed av. calves born 2014)</i>		
Scrotal Size EBV (cm) +1.7	DC EBV (days) -2.3	Scrotal size (cm) >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 July 2016 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 +4.3)
- **Correct Shoulder Conformation** - Select bulls with narrow sloping shoulders. Some bulls can look tapered from front to back. Bulky shouldered bulls with shoulder blades that protrude and are straighter than 45% should be avoided.

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

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.

BREED OBJECT \$INDEX			
<i>(Figures - Breed average for calves born 2014)</i>			
Supermarket	Grass fed	Grain fed	EU Index
\$75	\$70	\$78	\$84

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.

June 2016 Hereford GROUP BREEDPLAN - Percentile Bands for all 2014 born animals

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

	Calv-Ease			Birth			Growth			Fert			Carcase					Extra			Indexes										
	Dir	Dtrs	%	GL	Bwt	days	200	400	600	kg	Mwt	Milk	SS	DC	days	Cwt	kg	EMA	sq.cm	Rib	P8	RBY	IMF	%	Doc	NFI	kg/day	SM	GS	GN	EU
High 1%	+8.4	+6.4	-4.6	-0.6	+0.9	+39	+64	+92	+90	+20	+23	+3.6	-5.6	+68	+5.9	+1.9	+2.8	+2.4	+1.6	+1.6	+1.7	+0.25	+120	+117	+144	+185					
High 5%	+6.0	+4.7	-2.7	+0.9	+39	+64	+92	+90	+20	+20	+23	+2.9	-4.6	+61	+4.9	+1.3	+1.9	+1.8	+1.1	+1.4	-0.16	+107	+104	+124	+120						
High 10%	+4.6	+3.8	-1.9	+1.8	+37	+60	+87	+84	+19	+26	+19	+2.6	-4.1	+57	+4.4	+1.1	+1.5	+1.6	+0.8	+1.1	-0.13	+100	+96	+114	+112						
High 15%	+3.6	+3.3	-1.5	+2.4	+35	+58	+83	+80	+18	+2.4	+18	+2.4	-3.7	+54	+4.0	+0.9	+1.3	+1.4	+0.7	+1.0	-0.11	+94	+90	+105	+106						
High 20%	+2.9	+2.8	-1.2	+2.8	+34	+56	+81	+77	+17	+2.2	+17	+2.2	-3.4	+52	+3.7	+0.8	+1.1	+1.3	+0.6	+0.9	-0.10	+90	+86	+99	+101						
High 25%	+2.2	+2.5	-0.9	+3.2	+33	+54	+78	+74	+16	+2.1	+16	+2.1	-3.2	+50	+3.5	+0.7	+1.0	+1.2	+0.5	+8	-0.09	+87	+82	+94	+97						
High 30%	+1.7	+2.1	-0.7	+3.5	+32	+53	+76	+72	+16	+2.0	+16	+2.0	-3.0	+48	+3.3	+0.6	+0.8	+1.1	+0.4	+7	-0.07	+84	+79	+90	+94						
High 35%	+1.2	+1.8	-0.5	+3.8	+32	+52	+74	+70	+15	+1.9	+15	+1.9	-2.8	+47	+3.1	+0.6	+0.7	+1.0	+0.3	+5	-0.06	+81	+76	+86	+91						
High 40%	+0.7	+1.6	-0.4	+4.0	+31	+50	+72	+68	+14	+1.8	+14	+1.8	-2.6	+46	+3.0	+0.5	+0.6	+0.9	+0.3	+4	-0.05	+79	+74	+82	+88						
High 45%	+0.3	+1.3	-0.2	+4.3	+30	+49	+70	+66	+14	+1.7	+14	+1.7	-2.4	+44	+2.8	+0.4	+0.5	+0.8	+0.2	+3	-0.03	+76	+71	+79	+85						
50%	-0.1	+1.0	-0.1	+4.5	+30	+48	+69	+64	+13	+1.6	+13	+1.6	-2.2	+43	+2.7	+0.3	+0.4	+0.8	+0.2	+2	-0.02	+74	+69	+75	+83						
Low 45%	-0.6	+0.8	+0.1	+4.7	+29	+47	+67	+62	+13	+1.5	+13	+1.5	-2.0	+42	+2.6	+0.3	+0.3	+0.7	+0.1	+2	+0.00	+71	+66	+72	+80						
Low 40%	-1.0	+0.6	+0.2	+4.9	+28	+46	+65	+60	+12	+1.5	+12	+1.5	-1.8	+41	+2.4	+0.2	+0.1	+0.6	+0.1	+1	+0.02	+69	+64	+69	+78						
Low 35%	-1.4	+0.3	+0.4	+5.1	+27	+44	+63	+58	+12	+1.4	+12	+1.4	-1.6	+39	+2.3	+0.1	+0.0	+0.5	+0.0	-1	+0.04	+67	+61	+66	+75						
Low 30%	-1.8	+0.1	+0.6	+5.3	+26	+43	+61	+55	+11	+1.3	+11	+1.3	-1.5	+38	+2.2	+0.1	-0.1	+0.5	+0.0	-2	+0.07	+64	+59	+62	+72						
Low 25%	-2.2	-0.2	+0.8	+5.5	+26	+42	+59	+53	+11	+1.2	+11	+1.2	-1.3	+36	+2.0	+0.0	-0.2	+0.4	-0.1	-3	+0.09	+61	+56	+59	+70						
Low 20%	-2.8	-0.5	+1.0	+5.8	+25	+40	+57	+50	+10	+1.1	+10	+1.1	-1.0	+35	+1.9	-0.1	-0.4	+0.3	-0.1	-4	+0.12	+59	+53	+56	+67						
Low 15%	-3.4	-0.9	+1.2	+6.1	+23	+38	+54	+47	+9	+1.0	+9	+1.0	-0.8	+33	+1.7	-0.2	-0.5	+0.2	-0.2	-6	+0.15	+55	+50	+52	+63						
Low 10%	-4.3	-1.3	+1.5	+6.5	+22	+36	+50	+43	+9	+0.8	+9	+0.8	-0.5	+30	+1.5	-0.4	-0.8	+0.0	-0.3	-8	+0.18	+51	+47	+47	+59						
Low 5%	-5.6	-2.1	+2.0	+7.0	+19	+32	+45	+36	+7	+0.6	+7	+0.6	-0.2	+27	+1.2	-0.6	-1.1	-0.2	-0.5	-12	+0.21	+46	+41	+39	+53						
Low 1%	-8.4	-3.9	+3.0	+8.0	+15	+24	+32	+22	+4	+0.0	+4	+0.0	+0.6	+19	+0.6	-1.0	-1.7	-0.6	-0.8	-20	+0.26	+35	+32	+26	+43						

Note: Percentile Bands for 2014 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

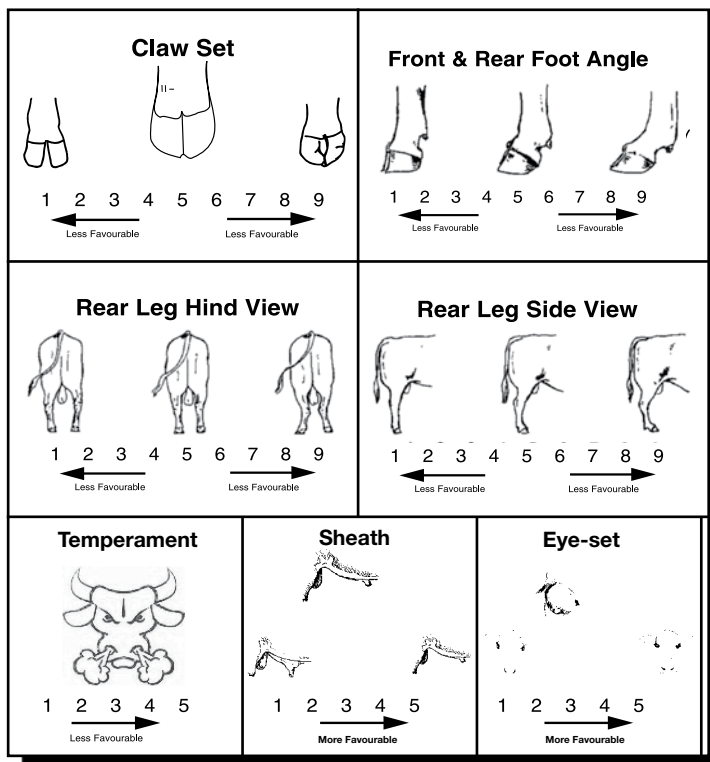
WIRRUNA POLL HEREFORDS STRUCTURAL PROGRAM:

The 2016 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 23rd June 2016.

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.



DNA TEST FOR POLLEDNESS


The Australian Poll Gene Marker test is used to measure the likelihood that a polled animal only carries the polled gene. Originally developed by the Beef CRC and with emerging DNA technologies, the test has been recently refined with improved accuracy.

The test is a very useful tool for those herds who wish to genetically dehorn progeny where the frequency of the horned gene present within the cow herd is high. 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).

Through the Animal Genetics Laboratory at the University of Queensland (UQ), Wirruna have gene tested sale bulls to identify those that are true polled or homozygous polled (PP) and those that carry the horn gene or heterozygous polled (Ph). 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 not 100% accurate as the location of the polled gene has not been precisely identified. The accuracy figure provides a percentage likelihood of the most likely genotype. Note that the accuracy figure does not infer the percentage of polled progeny! If you want to cease dehorning, select PP bulls.

Polled Gene




PP
98%

Homozygous Polled (PP).

98% accuracy.

Most likely 'True Polled'

Polled Gene




Ph
98%

Heterozygous Polled (Ph).

98% accuracy.

Most likely carries the horn gene

Polled Gene



??

Not Determined

For more information about the genetics of Polledness, refer to the Wirruna website (www.wirruna.com).



WIRRUNA
poll herefords

WIRRUNA GUARANTEE

Many seedstock producers guarantee their bulls. **WIRRUNA Poll Herefords Stud (WPHS)** offers a unique Bull Guarantee as it also covers the client's risk of a bull not siring a satisfactory number of calves due to the fault of his own fertility.

WPHS can offer this guarantee as bulls offered have passed a fertility test that identifies and removes the bulls in every drop that are unfit to be mated. Note that these results are 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 WPHS bull is infertile and proven to be at fault, 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

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

WPHS offers this comprehensive guarantee as we believe that replacing the bull only, does not adequately compensate you for calves that you had every right to expect.

How does it work?

Let's assume that you mate a \$3,000 bull to his mating potential of say 50 cows. If the cows are healthy, cycling and free of diseases capable of causing reproductive failure, you should expect at least 45 (90% for cows, 85% for heifers) of them to conceive over a 9 week joining period. Let's say that only 30 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. $(45-30) \times \$100 = \$1,500$, representing the commercial difference in value between the 15 empty cows and 15 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 $15 \text{ of } 45 (33\%) \text{ of } \$3,000 = \$1,000$ plus the compensation of $\$1,500 = \$2,500$.

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?

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 and communicate any problems 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.

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, takes away 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.

The Locke Family.

Reference Sires - AI

Lot No	Sire Name	CALVING EASE					GROWTH & INTERNAL					FERTILITY					CARCASS DATA/EVLS					AI SIRE PERFORMANCE DATA					Lot Nos
		Cap-Est Date	Cap-Est Mar	GL Days	Birth Wt (kg)	20 Day Growth	30 Day Growth	60 Day Weight	90 Day Weight	Mean Weights	Genetic Milk	Second Sire EBV Calving	Third Sire EBV Calving	CWT (kg)	BMA (kg)	RF Fat (mm)	RF P.F. (mm)	RFY (%)	MP (%)	Supernat at	Front End	ET Backs					
1	WIRRUNA FLETCHER F214	+2.2	+2.2	-5.8	+3.5	+45	+67	+94	+77	+14	+1.7	-3.3	-70.0	+5.5	+0.3	-1.3	+0.9	+2.5	-8	+\$123	+\$120	+\$169	+\$142	16, 19			
7	MATAKIKI HOLY SMOKE	-4.4	+1.3	-3.7	+4.3	+45	+74	+93	+68	+8	+1.6	-4.4	+75.0	+5.6	+1.6	+2.7	+0.8	+1.1	+15	+\$118	+\$116	+\$139	+\$129	2, 7, 14, 59			
17	INIEMIRA ADVANCE Y203 (H)	+3.7	+2.6	-0.1	+3.6	+34	+60	+86	+76	-24	+3.4	-1.8	+53.0	+5.3	+0.8	+0.7	+0.8	+1.5	+9	+\$112	+\$109	+\$138	+\$125	36, 39, 58			
18	ELITE X122 H2	+6.1	+6.9	-6.4	+3.6	+47	+69	+94	+86	+70	+2.1	-5.4	+67.0	+5.0	-0.5	+0.9	+2.4	+0.0	+1.3	+\$131	+\$125	+\$139	+\$149	1, 3, 11, 12, 13, 37			
19	MSU TCF REVOLUTION 4R	+0.3	+2.2	-1.5	+4.4	+47	+75	+102	+86	+20	+1.5	-2.9	+83.0	+8.5	+1.1	+0.5	+1.9	+0.3	-8	+\$123	+\$117	+\$131	+\$134	4, 9, 35			
20	OKAWA MARSHALL 9178	+6.1	-3.5	+4.4	+3.3	+42	+75	+108	+86	-21	+1.5	-2.4	+71.0	+4.0	+0.0	+0.1	+0.2	-11	+\$117	+\$108	+\$120	+\$122	10				
21	OTAPAWA SPARK 3060 (MP)	+1.4	+4.5	-5.2	+5.1	+48	+80	+116	+131	-21	+2.6	-5.5	+85.0	+4.2	+1.4	+2.2	-0.4	+1.8	+0	+\$142	+\$139	+\$163	+\$153	5, 6, 8, 15, 17, 18, 55			
22	YAVENVALE GURU	+1.0	+3.5	-1.0	+3.6	+34	+59	+77	+55	+20	+2.0	-3.2	+56.0	+6.6	+0.7	+1.7	+1.1	+0.7	+5	+\$107	+\$104	+\$124	+\$119	57			

Reference Sires - Paddock

Lot No	Sire Name	BIRTH EBV'S					GROWTH EBV'S					FERTILITY					CARCASS DATA/EVLS					PADDOCK SIRE PERFORMANCE DATA					Lot Nos
		Cap-Est Date	Cap-Est Mar	GL Days	Birth Wt (kg)	20 Day Growth	30 Day Growth	60 Day Weight	90 Day Weight	Mean Weights	Genetic Milk	Second Sire EBV Calving	Third Sire EBV Calving	CWT (kg)	BMA (kg)	RF Fat (mm)	RF P.F. (mm)	RFY (%)	MP (%)	Supernat at	Front End	ET Backs					
2	WIRRUNA GEORGE G87	-1.1	+2.8	-3.6	+4.2	+26	+52	+73	+78	+10	+2.9	-4.6	+49.0	+3.4	+1.2	+1.6	+0.0	+1.4	+9	+\$96	+\$93	+\$121	+\$111	23, 33, 52			
3	WIRRUNA GABU G134	+1.2	+2.8	-3.1	+2.3	+30	+57	+75	+74	+10	+2.4	-3.8	+59.0	+4.9	+1.0	+1.3	+0.4	+1.7	+17	+\$106	+\$106	+\$125	+\$121	34			
4	WIRRUNA GAYLORD G152	+7.8	-2.3	-3.3	+2.2	+28	+53	+66	+60	+2	+3.4	-4.2	+65.0	+8.5	+0.0	-0.6	+3.5	+0.4	-5	+\$107	+\$107	+\$125	+\$131	28, 32, 41, 43			
5	WIRRUNA GBELONG G171	+3.7	+1.9	+0.8	+4.3	+32	+49	+65	+51	+4	+3.3	-5.1	+57.0	+6.7	+1.2	+0.7	+2.2	+0.8	+7	+\$108	+\$108	+\$133	+\$130	27, 31, 61, 63, 67			
6	WIRRUNA GIBBLEY G205	-2.1	+5.0	-1.4	+5.3	+37	+54	+68	+57	+15	+3.5	-4.7	+39.0	+4.0	+0.2	+0.2	+1.6	-0.1	+4	+\$88	+\$85	+\$94	+\$105	49, 50, 66			
8	WIRRUNA HOLLYWOOD H22	+6.4	+5.3	-4.3	+2.1	+40	+65	+90	+56	+22	+0.7	-3.2	+68.0	+4.6	+1.3	+1.6	+0.4	+2.2	+4	+\$135	+\$133	+\$176	+\$147	42, 46			
9	WIRRUNA HERNANDO H47	+5.0	+2.4	-2.5	+1.8	+33	+59	+74	+63	+12	+4.3	-5.3	+61.0	+5.0	+1.1	+0.9	+0.4	+2.0	+9	+\$120	+\$120	+\$160	+\$140	24, 26, 64			
10	WIRRUNA HARRY H196	-4.2	+1.5	-1.2	+6.1	+35	+60	+80	+89	+13	+1.9	-2.6	+51.0	+3.2	-0.4	-0.8	+1.3	-0.1	+6	+\$74	+\$67	+\$71	+\$85	29, 47, 48, 51			
11	WIRRUNA HAGLEY H221	+4.9	+3.0	+0.4	+1.1	+30	+56	+74	+51	+16	+2.6	-2.7	+61.0	+6.4	+0.5	+0.2	+1.8	+2.0	+12	+\$118	+\$118	+\$143	+\$139	20, 44			
12	WIRRUNA HIGH LEVEL H236	+2.8	+2.4	+0.5	+3.0	+31	+55	+76	+83	+2	+5.9	-7.1	+62.0	+3.9	+0.7	+0.5	+0.7	+1.2	-3	+\$115	+\$115	+\$159	+\$137	22			
13	WIRRUNA HARTWIG H297	+2.4	+3.3	-3.4	+1.2	+28	+58	+72	+66	+10	+1.8	-3.4	+61.0	+5.9	+1.4	+2.1	-0.2	+2.8	+3	+\$113	+\$114	+\$160	+\$128	21, 45, 60			
14	WIRRUNA HORATIO H240	-0.7	+4.3	-0.3	+3.3	+30	+51	+74	+56	+15	+4.1	-5.1	+59.0	+6.2	+1.2	+1.3	+1.5	+1.3	+6	+\$115	+\$111	+\$146	+\$134	40, 62			
15	WIRRUNA HOT STUFF H556	+0.8	+4.0	-3.3	+2.3	+34	+52	+65	+30	+17	+1.3	-3.6	+51.0	+6.7	+1.8	+2.7	+0.8	+2.4	+6	+\$114	+\$117	+\$161	+\$130	25, 38, 65, 68			
16	WIRRUNA HERD IMPROVER H483	+4.7	-0.3	-2.2	+4.3	+32	+56	+75	+80	+3	+4.7	-5.4	+61.0	+6.2	+1.1	+1.6	+1.8	+0.4	-5	+\$112	+\$110	+\$125	+\$132	30			
		+0.0	+1.1	-0.2	+4.3	+29	+48	+68	+64	+13	+1.7	-2.3	+43	+2.8	+0.4	+0.4	+0.8	+0.2	+2	+\$75	+\$70	+\$78	+\$84				
		+2.9	+2.8	-1.2	+2.8	+34	+56	+81	+77	+17	+2.2	-3.4	+52	+3.7	+0.8	+1.1	+1.3	+0.6	+9	+\$80	+\$86	+\$89	+\$101	Yellow Highlight: Ranks in top 20%			
		+6.0	+4.7	-2.7	+0.9	+38	+64	+92	+90	+20	+2.9	-4.6	+61	+4.9	+1.3	+1.9	+1.8	+1.1	+14	+\$107	+\$103	+\$125	+\$120	Black Highlight: Ranks in top 5%			

COMPARISON OF \$INDEX VALUES

Wirruna Sale Sires vs Overall Breed Average

EBV (kgs)





Pen No. 1 (Wirruna Sires)

Birth Date: 5-Aug-14
 Society ID: WNAK11
 Horn/Scurs/Poll: S

- Outstanding H2 son out of highly respected heifer
- Terrific growth (top 10% 200D & 400D), whilst maintaining low BWT (top 20%)
- Ranks in top 5% for Milk, CE (Daughters) & top 1% for short GL
- Exceptional top \$Index rankings reflects this outstanding balance of profit traits

Button Scurs

Sire: ELITE X122 H2 (KMPH2)
 YARRAM LOTTERY U047 (H)
 YARRAM LOTTERY X122 (H)
 YARRAM ANGELA P099 (H)
 SOUTH BUKALONG WALLACE 2
 ELITE LASSIE Y781 F15
 ELITE LASSIE 0219 D76
 ARDO HUSTLER 4110 (IMP)
 ELITE 4110 E212
 SOUTH BUKALONG WINIFRED 54
 Dam: WIRRUNA GOLDEN VANITY H60 (WNAH60)
 WIRRUNA DART D96
 WIRRUNA GOLDEN VANITY F303
 WIRRUNA GOLDEN VANITY C32

Easy-calve



Jul 2016 GROUP BREEDPLAN EBV's

CALVING EASE				GROWTH & MATERNAL				
Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Weight	200-Day Growth	400-Day Weight	600-Day Weight	Mat Cow Weight	Genetic Milk
+5.4	+6.0	-5.2	+2.7	+37	+60	+83	+60	+21
40%	34%	75%	72%	67%	67%	66%	59%	42%

FERTILITY		CARCASS						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Trial Docility
+2.4	-4.3	+59	+4.0	+0.6	+0.6	+1.0	+1.0	+7
75%	35%	55%	49%	53%	57%	51%	51%	47%

STRUCTURAL ASSESSMENT								Temp.	
								23-Jun-16	
6	6	6	6	5	5	4	39		2

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index	Ph	Mid	C+		Eye Pigment
\$122	\$120	\$146	\$137	98%			4	100/100

Purchaser _____

Price _____



Pen No. 1 (Wirruna Sires)

Birth Date: 7-Aug-14
 Society ID: WNAK30
 Horn/Scurs/Poll: P

- Soft-coated sire with great capacity & presence
- Attractive, well-muscled with positive fat for fertility & easy finishing progeny
- Combines carcase quality (top 1% IMF%) with quantity (top 15% EMA)
- Top 5% for the early growth traits, carcase weight and \$Index values

'Star Lot'

YARRAM HOT SHOT P028 (AI) (H)
 ┌ CAPETHORNE HOT SHOT 03 22
 CAPETHORNE AMETHYST U21

Sire: MATARIKI HOLY-SMOKE (OSA281070390NZHB)
 ┌ KOANUI BULL'S-EYE R60
 MATARIKI GIRLIE 00323
 MATARIKI GIRLIE 3

KOANUI ROCKET 0219
 ┌ WIRRUNA FILMER F195
 WIRRUNA MADAM C200

Dam: WIRRUNA GOLDEN VANITY H293 (WNAH293)
 ┌ GH NEON 17N (H)
 WIRRUNA GOLDEN VANITY E354
 WIRRUNA GOLDEN VANITY A99



Jul 2016 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
-1.2	+2.7	-2.6	+4.7	+40	+65	+84	+57	+12
51%	46%	74%	73%	69%	69%	68%	63%	55%

FERTILITY		CARCASE						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Trial Docility
+1.9	-3.4	+61	+4.1	+1.8	+2.8	-0.5	+1.9	+4
77%	37%	60%	54%	57%	61%	55%	56%	55%

STRUCTURAL ASSESSMENT								Temp.
Front 7	Back 7	Front 6	Back 6	5	5	4	23-Jun-16 38	2

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index	??	Mid	C+	4	Eye Pigment 100/100
\$111	\$109	\$145	\$121	-				

Purchaser _____

Price _____



Pen No. 1 (Wirruna Sires)

Birth Date: 11-Aug-14
 Society ID: WNAK82
 Horn/Scurs/Poll: P

- Wirruna Sire oozing with natural growth genetics
- Appreciate his rare combination of calving ease and top 1% early growth
- Carries herd improving milk, top 5% RBY & B- muscling
- An attractive fellow ideally suited for meeting EU type markets (top 1% EU) *'Star Lot'*

Sire: ELITE X122 H2 (KMPH2)
 YARRAM LOTTERY U047 (H)
 YARRAM LOTTERY X122 (H)
 YARRAM ANGELA P099 (H)

Easy-calve

Dam: WIRRUNA MADAM H74 (WNAH74)
 SOUTH BUKALONG WALLACE 2
 ELITE LASSIE Y781 F15
 ELITE LASSIE 0219 D76
 SOUTH BUKALONG WALLACE 2
 WIRRUNA ECHUCA E99
 WIRRUNA GOLDEN VANITY C32

GH NEON 17N (H)
 WIRRUNA MADAM F244
 WIRRUNA MADAM A10



Jul 2016 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	+6.2	-3.7	+4.1	+45	+73	+100	+74	+22
42%	36%	75%	73%	68%	68%	66%	60%	43%

FERTILITY		CARCASS						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBY (%)	IMF (%)	Trial Docility
+2.3	-4.3	+69	+4.4	+0.1	+0.2	+1.8	+0.0	+12
76%	37%	56%	50%	54%	58%	52%	52%	48%

STRUCTURAL ASSESSMENT								Temp.	
								23-Jun-16	
7	7	5	6	5	5	4	39	2	

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index	PP	<i>Mid</i>	B-		Eye Pigment
\$132	\$125	\$138	\$144	98%			4	100/100

Purchaser _____

Price _____



Pen No. 1 (Wirruna Sires)

Birth Date: 11-Aug-14
 Society ID: WNAK85
 Horn/Scurs/Poll: P

- Nuggety sire with good body width & butt-shape
- Strong lifetime weight gain supports his top 10% ranking for 400D weight
- Adds milk, genetic fats and top 1% ranking for EMA grass finishing systems
- Short GL contributes to top 5% ranking for Supermarket, Grassfed & EU \$Index

Easy-calve

FELTONS DOMINO 774
 ┌── FELTONS LEGEND 242 (IMP USA)
 FELTONS G15

Sire: **MSU TCF REVOLUTION 4R (MIH4RAPR)**
 ┌── REMITALL ONLINE 122L (IMP)
 MSU TCF RACHAEL ET 54N
 HH MISS ADV 786G 1ET (H)

WIRRUNA VICKERY (S)
 ┌── WIRRUNA COMMANDER C68
 WIRRUNA GOLDEN VANITY Z71

Dam: **WIRRUNA RITO E383 (WNAE383)**
 ┌── KOANUI ROCKET 0219
 WIRRUNA RITO C29
 WIRRUNA RITO A248



Jul 2016 GROUP BREEDPLAN EBV's

CALVING EASE				GROWTH & MATERNAL				
Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Weight	200-Day Growth	400-Day Weight	600-Day Weight	Mat Cow Weight	Genetic Milk
+3.7	+3.7	-2.9	+3.3	+38	+60	+84	+56	+21
43%	35%	75%	74%	69%	69%	68%	61%	57%

FERTILITY		CARCASE						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Trial Docility
+1.8	-2.6	+66	+6.3	+1.9	+2.5	+1.1	+0.1	+6
77%	36%	58%	53%	56%	60%	53%	55%	47%

STRUCTURAL ASSESSMENT								Temp.	
								23-Jun-16	
7	6	5	5	4	5	3	38	2	

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index	PP	<i>Early</i>	C+		Eye Pigment
\$115	\$111	\$119	\$122	98%			3	100/90

Purchaser _____

Price _____



Pen No. 1 (Wirruna Sires)

Birth Date: 12-Aug-14
 Society ID: WNAK113
 Horn/Scurs/Poll: P

- A Wirruna sire by Spark offering growth & scale
- Best weight gaining bull with top 1% growth & carcase weight EBVs
- Homozygous polled sire with strong marbling and fertility attributes
- Well structured, excellent skin and is a free moving bull for mature cows

ALLENDALE MUSKETEER (AI) (S)
 ┌── STUDBROOK D'ARTAGNION V086 (AI) (ET)
 BOWEN TRICEL P180

Sire: OTAPAWA SPARK 3060 (ET) (IMP) (OTA033060NZHB)
 MONYMUSK DISCOVERY L34 (IMP)
 ┌── OTAPAWA SPOT P30
 OTAPAWA SPOT L44

JC CATALYST (IMP)
 ┌── ELITE J7C X54 (AI)
 ELITE RECOVERY B80 Q42

Dam: WIRRUNA OYSTER GIRL E142 (WNAE142)
 MOUNT DIFFICULT UNGAR (S)
 ┌── WIRRUNA OYSTER GIRL Z14
 WIRRUNA OYSTER GIRL W100



Jul 2016 GROUP BREEDPLAN EBV's

CALVING EASE				GROWTH & MATERNAL				
Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Weight	200-Day Growth	400-Day Weight	600-Day Weight	Mat Cow Weight	Genetic Milk
+0.6	+3.0	-5.5	+5.6	+45	+73	+108	+108	+20
54%	50%	76%	74%	70%	70%	69%	66%	61%

FERTILITY		CARCASE						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Trial Docility
+2.3	-4.1	+74	+3.6	+0.7	+0.7	+0.5	+1.0	-5
78%	46%	62%	58%	60%	63%	59%	59%	56%

STRUCTURAL ASSESSMENT								Temp.	
								23-Jun-16	
6	6	5	6	6	5	3	39		2

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index	PP	Late	C+		Eye Pigment
\$124	\$116	\$138	\$135	98%			3	100/100

Purchaser _____

Price _____



Pen No. 1 (Wirruna Sires)

Birth Date: 13-Aug-14
 Society ID: WNAK145
 Horn/Scurs/Poll: P

- Top 1% \$Index Sire used at Wirruna
- Displays good length & growth - top 5% groth EBVs
- Top 1% for the Days to Calving fertility EBV a great set of testicles
- Your opportunity to secure one of the top 10 2014 born bulls for all \$Indices
 'Star Lot'

ALLENDALE MUSKETEER (AI) (S)
 ┌── STUDBROOK D'ARTAGNION V086 (AI) (ET)
 BOWEN TRICEL P180
 Sire: OTAPAWA SPARK 3060 (ET) (IMP) (OTA033060NZHB)
 MONYMUSK DISCOVERY L34 (IMP)
 ┌── OTAPAWA SPOT P30
 OTAPAWA SPOT L44

WIRRUNA ABERCORN
 ┌── WIRRUNA ELDAD E107
 WIRRUNA FLORA B21
 Dam: WIRRUNA PENELOPE G260 (WNAG260)
 GH NEON 17N (H)
 ┌── WIRRUNA PENELOPE E120
 WIRRUNA PENELOPE B51

Easy-calve



Jul 2016 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	+4.3	-2.6	+3.2	+39	+67	+93	+81	+18
51%	47%	75%	73%	69%	69%	68%	65%	58%

FERTILITY		CARCASS						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Trial Docility
+3.5	-6.2	+69	+4.6	+1.9	+2.9	+0.1	+1.5	-3
77%	43%	60%	56%	59%	62%	57%	57%	54%

STRUCTURAL ASSESSMENT								Temp.	
								23-Jun-16	
6	7	6	7	5	5	4	41		2

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index	PP	<i>Mid</i>	C+		Eye Pigment
\$138	\$135	\$165	\$152	98%			4	100/95

Purchaser _____

Price _____



Pen No. 1 (Wirruna Sires)

Birth Date: 15-Aug-14
 Society ID: WNAK169
 Horn/Scurs/Poll: P

- Wirruna sire showing Holy-Smoke's trademark thick body
- Highest scan for muscling supported by top 1% EMA EBV
- A true curve-bender achieving high end weight/day of age performance
- Marbling EBV rated in top 1% assists same ranking for Grain fed \$Index

Easy-calve

YARRAM HOT SHOT P028 (AI) (H)
 ┌ CAPETHORNE HOT SHOT 03 22
 CAPETHORNE AMETHYST U21

Sire: MATARIKI HOLY-SMOKE (OSA281070390NZHB)
 ┌ KOANUI BULL'S-EYE R60
 MATARIKI GIRLIE 00323
 MATARIKI GIRLIE 3

EF F524 FELLIS 821C
 ┌ MOUNT DIFFICULT FELLIS Y12 (AI)
 MOUNT DIFFICULT TIGRESS U5

Dam: WIRRUNA DIDO F397 (WNAF397)
 ┌ SOUTH BUKALONG SHAW 3
 SOUTH BUKALONG DIDO 65
 SOUTH BUKALONG DIDO 57



Jul 2016 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	-0.5	-2.9	+3.3	+34	+58	+70	+53	+8
54%	49%	75%	74%	70%	70%	69%	65%	58%

FERTILITY		CARCASE						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Trial Docility
+2.0	-5.1	+62	+7.4	+2.2	+3.4	+0.8	+1.6	+11
78%	41%	61%	55%	58%	62%	56%	57%	56%

STRUCTURAL ASSESSMENT								Temp.
Front 6	Back 6	Front 5	Back 6	5	5	5	23-Jun-16 41	2

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index	PP 98%	Mid	C+	4	Eye Pigment 100/100
\$112	\$113	\$144	\$128					

Purchaser _____

Price _____



Pen No. 1 (Wirruna Sires)

Birth Date: 18-Aug-14
 Society ID: WNAK207
 Horn/Scurs/Poll: P

- A sire for boosting carcass quality traits
- Exhibited good marbling at scanning giving a IMF% EBV in top 1% of breed
- Calf of ex-Donor offering curve bending growth, CE, milk & fertility benefits
- Used at Wirruna for terrific balance of EBVs - top 1% for 3 of 4 \$Indices

Easy-calve

ALLEDALE MUSKETEER (AI) (S)
 ┌── STUDBROOK D'ARTAGNION V086 (AI) (ET)
 BOWEN TRICEL P180
 Sire: OTAPAWA SPARK 3060 (ET) (IMP) (OTA033060NZHB)
 MONYMUSK DISCOVERY L34 (IMP)
 ┌── OTAPAWA SPOT P30
 OTAPAWA SPOT L44

EF F524 FELLIS 821C
 ┌── MOUNT DIFFICULT FELLIS Y12 (AI)
 MOUNT DIFFICULT TIGRESS U5
 Dam: WIRRUNA LAST DAY D84 (WNAD84)
 KOANUI ROCKET 0219
 ┌── WIRRUNA LAST DAY B140
 WIRRUNA LAST DAY S102



Jul 2016 GROUP BREEDPLAN EBV's

CALVING EASE				GROWTH & MATERNAL				
Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Weight	200-Day Growth	400-Day Weight	600-Day Weight	Mat Cow Weight	Genetic Milk
+0.6	+4.9	-1.6	+4.3	+37	+57	+80	+70	+18
56%	53%	77%	75%	72%	72%	71%	68%	63%

FERTILITY		CARCASS						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Trial Docility
+2.7	-5.0	+60	+5.2	+1.5	+2.1	+0.4	+1.9	+2
79%	48%	64%	59%	62%	65%	61%	61%	61%

STRUCTURAL ASSESSMENT								Temp.	
								23-Jun-16	
6	7	6	7	5	5	5	38		2

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index	??	Mid	C+		Eye Pigment
\$118	\$117	\$153	\$135	-			4	100/100

Purchaser _____

Price _____



Pen No. 1 (Wirruna Sires)

Birth Date: 20-Aug-14
 Society ID: WNAK239
 Horn/Scurs/Poll: P

- Curve-bending sire by Revolution showing muscle
- A highlight is the low MCW genetics while achieving good early growth
- Combines top 5% IMF% & EMA for carcase quality & quantity
- Joined to heifers at Wirruna - top 15% CE and lightest 10% BWT EBVs

Easy-calve

FELTONS DOMINO 774
 ┌── FELTONS LEGEND 242 (IMP USA)
 FELTONS G15

Sire: **MSU TCF REVOLUTION 4R (MIH4RAPR)**
 ┌── REMITALL ONLINE 122L (IMP)
 MSU TCF RACHAEL ET 54N
 HH MISS ADV 786G 1ET (H)

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

Dam: **WIRRUNA HTACINTH E100 (WNAE100)**
 ┌── MARKOWEN AUTHOR 2 (AI)
 WIRRUNA HYACINTH C28
 WIRRUNA HYACINTH A115



Jul 2016 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
+3.5	+4.1	-0.3	+1.8	+38	+53	+73	+29	+16
45%	36%	76%	74%	69%	69%	67%	61%	57%

FERTILITY		CARCASE						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Trial Docility
+2.1	-2.8	+58	+5.8	+1.9	+2.0	+0.5	+1.2	-1
77%	37%	58%	53%	56%	59%	53%	55%	47%

STRUCTURAL ASSESSMENT								Temp.
Front 6	Back 7	Front 6	Back 6	4	5	4	23-Jun-16 42	2

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index	PP 98%	<i>Mid</i>	C+	4	Eye Pigment 70/100
\$114	\$113	\$141	\$125					

Purchaser _____

Price _____



Pen No. 1 (Wirruna Sires)

Birth Date: 23-Aug-14
 Society ID: WNAK264
 Horn/Scurs/Poll: P

- Long & dark-coated sire showing natural growth
- Marshall sons consistently offer curve-bending growth & good structure
- Strong weight gain/day of age performance amongst age group
- Out of a stayer Dam in Wirruna herd which had 9 calves before sold for breeding

Easy-calve

OKAWA LAIDLAW 5184
 ┌── OKAWA DAVIS 7046
 OKAWA BELL 5041
 Sire: **OKAWA MARSHALL 9178 (OSA617090178NZHB)**
 OKAWA COMMODORE 020076
 ┌── OKAWA LYDIA 7047
 OKAWA LYDIA 01097

NOOKEN VALERIAN 2
 ┌── QUAMBY PLAINS STOCKMASTER Y118
 QUAMBY PLAINS MAGPIE W9
 Dam: **WIRRUNA FLORA B329 (WNAB329)**
 WIRRUNA SODIUM
 ┌── WIRRUNA FLORA U127
 WIRRUNA FLORA S62



Jul 2016 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	-2.0	+2.6	+2.5	+33	+58	+81	+67	+14
48%	43%	75%	74%	70%	70%	69%	64%	57%

FERTILITY		CARCASS						Temp.
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RYB (%)	IMF (%)	Trial Docility
+0.9	-2.1	+61	+3.2	+1.0	+1.2	-0.2	+1.4	+0
78%	39%	59%	53%	57%	61%	55%	56%	53%

STRUCTURAL ASSESSMENT								Temp.
							23-Jun-16	
6	6	5	6	5	6	4	37	I

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index	PP	<i>Mid</i>	C+		Eye Pigment
\$100	\$97	\$122	\$108	98%			4	100/100

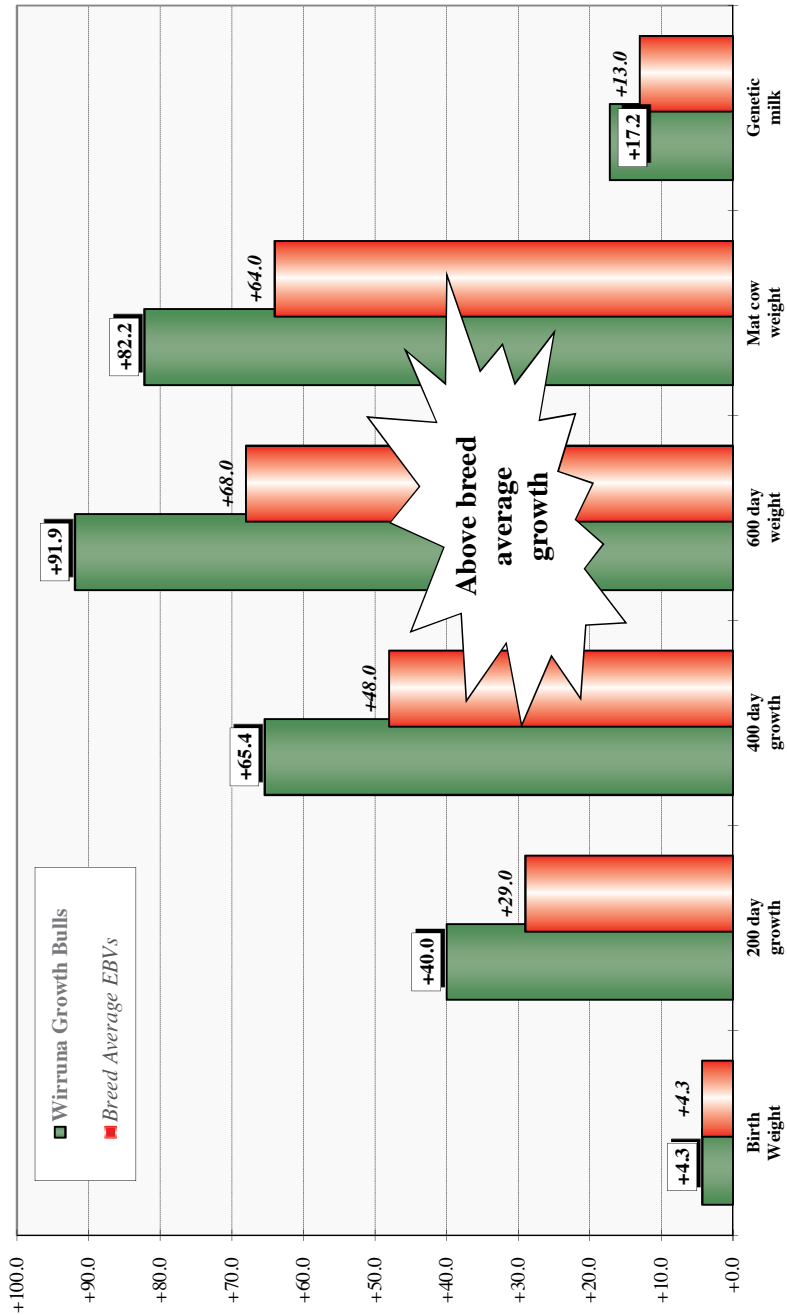
Purchaser _____

Price _____

COMPARISON OF GROWTH EBV's

Growth Bulls vs Overall Breed Average

EBV (kgs)





Pen No. 7 (Growth Bulls)

Birth Date: 6-Aug-14
 Society ID: WNAK27
 Horn/Scurs/Poll: D

- Attractive & well grown out of 1st calf heifer
- Offers flexibility with CE for heifers, growth and carcase for mature cows
- Ranks in the top 1% of bulls in the breed for the 3 of 4 \$Index values
- Don't let horns detract from genuine herd improver - 6 traits in top 5%

Dehorned

YARRAM LOTTERY U047 (H)
 ┌── YARRAM LOTTERY X122 (H)
 YARRAM ANGELA P099 (H)

Sire: **ELITE X122 H2 (KMPH2)**

SOUTH BUKALONG WALLACE 2
 ┌── ELITE LASSIE Y781 F15
 ELITE LASSIE 0219 D76

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

Dam: **WIRRUNA FLORA H238 (WNAH238)**

WIRRUNA DARU D115
 ┌── WIRRUNA FLORA F289
 WIRRUNA FLORA C87

Easy-calve



Jul 2016 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
+4.2	+5.4	-4.8	+3.5	+37	+65	+87	+65	+17
40%	34%	74%	73%	68%	67%	66%	60%	42%

FERTILITY		CARCASE						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Trial Docility
+1.6	-4.1	+62	+5.4	-0.3	-0.7	+2.5	+0.2	+5
75%	36%	55%	49%	53%	57%	51%	51%	47%

STRUCTURAL ASSESSMENT								Temp.	
								23-Jun-16	
7	7	6	7	6	6	4	37		2

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index	hh	Mid	C+		Eye Pigment
\$121	\$116	\$133	\$137	-			3	100/100

Purchaser _____

Price _____



Pen No. 7 (Growth Bulls)

Birth Date: 8-Aug-14
 Society ID: WNAK52
 Horn/Scurs/Poll: P

- Good natured with a soft dark coat
- Lots of growth - physically and on paper with top 5% growth EBVs
- Short gestation genetics is an advantage - calf out & growing earlier
- A true polled bull with good retail beef yield & good profit potential

YARRAM LOTTERY U047 (H)
 ┌ YARRAM LOTTERY X122 (H)
 YARRAM ANGELA P099 (H)

Sire: **ELITE X122 H2 (KMPH2)**

SOUTH BUKALONG WALLACE 2
 ┌ ELITE LASSIE Y781 F15
 ELITE LASSIE 0219 D76

KIDMAN BRADMAN W101
 ┌ KIDMAN THE DON Y220
 KIDMAN HILDA V21

Dam: **WIRRUNA MIDGE H128 (WNAH128)**

MOUNT DIFFICULT FELLIS Y12 (AI)
 ┌ WIRRUNA MIDGE C218
 WIRRUNA MIDGE Z57



Jul 2016 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	-3.6	+5.5	+40	+67	+94	+99	+16
41%	35%	75%	72%	67%	67%	66%	59%	43%

FERTILITY		CARCASE						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Trial Docility
+1.9	-4.0	+61	+3.8	-0.6	-0.8	+1.8	-0.5	+9
75%	37%	55%	49%	53%	57%	51%	51%	47%

STRUCTURAL ASSESSMENT								Temp.
Front 6	Back 6	Front 5	Back 7	6	6	3	23-Jun-16 39	I

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index	PP 98%	<i>Mid</i>	C+	4	Eye Pigment 100/100
\$105	\$97	\$98	\$118					

Purchaser _____

Price _____



Pen No. 7 (Growth Bulls)

Birth Date: 8-Aug-14
 Society ID: WNAK53
 Horn/Scurs/Poll: S

- Long & dark-coated sire with easy-doing ability
- Exceptional scan data to compute top 1% EMA & top 5% IMF% EBVs
- Out of new Donor cow giving highest 400D & CWT EBVs in the catalogue
- Ranks in the top handful of bulls in the breed for the \$Index values - top 1% 'Star Lot'

Sire: **ELITE X122 H2 (KMPH2)**
 YARRAM LOTTERY U047 (H)
 YARRAM LOTTERY X122 (H)
 YARRAM ANGELA P099 (H)
 SOUTH BUKALONG WALLACE 2
 ELITE LASSIE Y781 F15
 ELITE LASSIE 0219 D76
 ARDO HUSTLER 4110 (IMP)
 ELITE 4110 E212
 SOUTH BUKALONG WINIFRED 54
 Dam: **WIRRUNA DIDO H45 (WNAH45)**
 MOUNT DIFFICULT FELLIS Y12 (AI)
 WIRRUNA Dido F371
 SOUTH BUKALONG DIDO 65



Jul 2016 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
+4.2	+4.2	-4.5	+4.2	+42	+76	+104	+83	+20
41%	35%	75%	72%	67%	67%	66%	59%	42%

FERTILITY		CARCASE						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RYB (%)	IMF (%)	Trial Docility
+2.5	-4.8	+77	+6.6	+0.8	+0.9	+1.7	+1.4	+10
75%	37%	55%	49%	53%	57%	51%	51%	48%

STRUCTURAL ASSESSMENT								Temp.
								23-Jun-16
7	6	6	7	6	6	3	36	I

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index	Ph	Mid	C+		Eye Pigment
\$146	\$142	\$177	\$164	-			4	100/100

Purchaser _____

Price _____



Pen No. 7 (Growth Bulls)

Birth Date: 11-Aug-14
 Society ID: WNAK80
 Horn/Scurs/Polli: P

- Holy-Smoke son with good capacity & soft fleshing
- Curve-bender - top 5% growth from below breed average BWT
- Showed 2nd highest muscling & fats at carcass scanning - top 5% EMA EBV
- Top 5% \$Index ranking reflects it's ideal mix of commercial traits

YARRAM HOT SHOT P028 (AI) (H)
 ┌ CAPETHORNE HOT SHOT 03 22
 CAPETHORNE AMETHYST U21

Sire: MATARIKI HOLY-SMOKE (OSA281070390NZHB)
 ┌ KOANUI BULL'S-EYE R60
 └ MATARIKI GIRLIE 00323
 MATARIKI GIRLIE 3

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

Dam: WIRRUNA LAST DAY H180 (WNAH180)
 ┌ KOANUI ROCKET 0219
 └ WIRRUNA LAST DAY D22
 WIRRUNA LAST DAY B35

Easy-calve



Jul 2016 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
+0.5	+3.2	-2.1	+3.6	+42	+67	+94	+72	+13
52%	47%	76%	74%	69%	69%	68%	63%	55%

FERTILITY		CARCASS						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Trial Docility
+0.6	-2.2	+76	+5.8	+1.2	+1.7	+1.4	+0.8	+4
77%	38%	60%	54%	57%	61%	55%	56%	55%

STRUCTURAL ASSESSMENT								Temp.	
								23-Jun-16	
7	7	7	7	5	5	3	35		2

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index	PP	Mid	C		Eye Pigment
\$118	\$114	\$131	\$127	98%			3	75/100

Purchaser _____

Price _____



Pen No. 7 (Growth Bulls)

Birth Date: 11-Aug-14
 Society ID: WNAK99
 Horn/Scurs/Poll: D

- Well grown & long Spark son with dark red coat
- Top 5% growth without compromising the calving ease traits
- High milk through pedigree - Dam continues to wean excellent calves
- Dehorned bull - but don't overlook the positive attributes he offers

Dehorned

ALLENDALE MUSKETEER (AI) (S)
 ┌── STUDBROOK D'ARTAGNION V086 (AI) (ET)
 BOWEN TRICEL P180

Sire: **OTAPAWA SPARK 3060 (IMP) (OTA033060NZHB)**
 ┌── MONYMUSK DISCOVERY L34 (IMP)
 OTAPAWA SPOT P30
 OTAPAWA SPOT L44

GH STOUT LINE ET 87P
 ┌── GH ADAMS TARGET 5S (IMP)
 GH MARY MAC 209P (HP)

Dam: **WIRRUNA DOREEN G115 (WNAG115)**
 ┌── MOUNT DIFFICULT UNGAR (S)
 WIRRUNA DOREEN A37
 WIRRUNA DOREEN Y31



Jul 2016 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
+0.7	+2.9	-3.5	+4.7	+43	+68	+95	+99	+22
51%	46%	76%	74%	69%	69%	68%	65%	58%

FERTILITY		CARCASS						Temp.
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Trial Docility
+2.0	-3.9	+70	+3.3	+0.6	+0.6	+0.5	+0.9	-8
77%	42%	61%	56%	59%	62%	57%	57%	54%

STRUCTURAL ASSESSMENT								Temp.	
								23-Jun-16	
6	6	5	6	5	5	4	39	2	

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index	hh	Mid	C+		Eye Pigment
\$111	\$104	\$121	\$122	-			4	100/100

Purchaser _____

Price _____



Pen No. 8 (Growth Bulls)

Birth Date: 11-Aug-14
 Society ID: WNAK107
 Horn/Scurs/Poll: S

- Amongst the heavier bull calves at weaning
- Solid growth with early growth in top 15% of breed
- By marbling sire Fletcher - IMF% is within top 10 bulls born 2014
- Few bulls on offer will surpass his grained \$index value - Top 1%

Button Scurs

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

ALLENDALE NATIONAL W168

┌ WIRRUNA EXPLORER E188
 SOUTH BUKALONG VICTORIA 202

Dam: WIRRUNA MADAM G279 (WNAG279)
 WIRRUNA COMMANDER C68
 ┌ WIRRUNA MADAM E418
 WIRRUNA MADAM C373

Easy-calve



Jul 2016 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
+3.5	+3.4	-3.7	+1.8	+35	+59	+82	+67	+14
42%	36%	75%	73%	69%	69%	68%	63%	51%

FERTILITY		CARCASE						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Trial Docility
+2.9	-4.3	+63	+4.9	+1.3	+1.0	+0.2	+2.3	-5
77%	39%	60%	55%	59%	62%	54%	57%	53%

STRUCTURAL ASSESSMENT								Temp.
7	6	7	6	5	5	4	23-Jun-16 39	2

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index					Eye Pigment
\$123	\$122	\$165	\$140	 Ph 98%	Mid	C+		100/100 3

Purchaser _____

Price _____



Pen No. 8 (Growth Bulls)

Birth Date: 13-Aug-14
 Society ID: WNAK143
 Horn/Scurs/Poll: P

- A Spark son with familiar growth boosting traits
- 200D growth in top 1%, top 10% for 400D & 600D
- Dam is a standout donor dam - raising 1 sire & best L heifer calf for 2015
- Also note his good milk, DtC EBV, positive fats, Poll gene & structural scores

ALLENDALE MUSKETEER (AI) (S)
 ┌── STUDBROOK D'ARTAGNION V086 (AI) (ET)
 BOWEN TRICEL P180

Sire: OTAPAWA SPARK 3060 (ET) (IMP) (OTA033060NZHB)
 ┌── MONYMUSK DISCOVERY L34 (IMP)
 OTAPAWA SPOT P30
 OTAPAWA SPOT L44

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



Jul 2016 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	+5.1	-3.6	+5.4	+43	+62	+91	+88	+22
55%	50%	77%	74%	70%	70%	69%	66%	60%

FERTILITY		CARCASE						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Trial Docility
+1.7	-5.4	+61	+2.7	+1.6	+2.5	-0.5	+1.0	+10
78%	46%	62%	58%	61%	64%	59%	59%	57%

STRUCTURAL ASSESSMENT								Temp.	
								23-Jun-16	
6	6	5	6	5	5	4	35		2

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index	PP	Mid	C+		Eye Pigment
\$114	\$109	\$128	\$124	98%			3	100/75

Purchaser _____

Price _____



Pen No. 8 (Growth Bulls)

Birth Date: 14-Aug-14
 Society ID: WNAK151
 Horn/Scurs/Poll: P

- Large framed & growthy Spark son with muscle
- Shows plenty of volume and achieved good weight gains
- Early growth and carcase weight traits in top 1% of breed
- Offers good structure and profit potential with top 5% SM, Grass fed & EU \$Indices
 'Star Lot'

ALLENDALE MUSKETEER (AI) (S)
 ┌── STUDBROOK D'ARTAGNION V086 (AI) (ET)
 BOWEN TRICEL P180

Sire: OTAPAWA SPARK 3060 (ET) (IMP) (OTA033060NZHB)
 ┌── MONYMUSK DISCOVERY L34 (IMP)
 OTAPAWA SPOT P30
 OTAPAWA SPOT L44

MOUNT DIFFICULT FELLIS Y12 (AI)
 ┌── WIRRUNA DAFFY D1
 MOUNT DIFFICULT LAST DAY A205

Dam: WIRRUNA MADAM G197 (WNAG197)
 ┌── GH NEON 17N (H)
 WIRRUNA MADAM E345
 WIRRUNA MADAM A45



Jul 2016 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	+2.0	-1.9	+5.5	+43	+70	+97	+106	+13
53%	50%	76%	73%	69%	70%	69%	66%	58%

FERTILITY		CARCASE						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Trial Docility
+1.9	-4.1	+75	+5.0	+0.5	+0.6	+1.4	+0.3	-5
77%	45%	62%	57%	60%	63%	58%	59%	55%

STRUCTURAL ASSESSMENT								Temp.
Front 6	Back 6	Front 5	Back 5	5	5	4	23-Jun-16 38	I

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index	PP 98%	Late	C+	4	Eye Pigment 100/100
\$114	\$106	\$116	\$126					

Purchaser _____

Price _____



Pen No. 8 (Growth Bulls)

Birth Date: 17-Aug-14
 Society ID: WNAK193
 Horn/Scurs/Poll: P

- Fletcher son for growth & structural soundness
- High growth genetics - 200D growth in top 5%, 400D & 600D in top 10%
- Also has carcase benefits - Top 1% marbling and top 5% muscle
- Rates in top 1% of grain fed \$Index for targeting high quality beef end points

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

 KIDMAN BRADMAN W101
 ┌── KIDMAN THE DON Y220
 KIDMAN HILDA V21
 Dam: **WIRRUNA GOLDEN VANITY G224 (WNAG224)**
 MOUNT DIFFICULT FELLIS Y12 (AI)
 ┌── WIRRUNA GOLDEN VANITY C107
 WIRRUNA GOLDEN VANITY W253



Jul 2016 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	+1.3	-0.8	+4.3	+40	+60	+87	+69	+15
43%	36%	76%	73%	69%	69%	68%	63%	52%

FERTILITY		CARCASE						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Trial Docility
+1.8	-4.0	+63	+5.5	+0.9	+0.6	+1.0	+1.6	-16
77%	38%	60%	56%	59%	62%	54%	57%	53%

STRUCTURAL ASSESSMENT								Temp.
Front 5	Back 5	Front 5	Back 6	5	5	4	23-Jun-16 38	2

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index	Ph 98%	Mid	C+	3	Eye Pigment 0/100
\$114	\$111	\$145	\$130					

Purchaser _____

Price _____



Pen No. 8 (Growth Bulls)

Birth Date: 4-Sep-14
 Society ID: WNAK450
 Horn/Scurs/Poll: P

- Nicely-shaped growth bull with red Panda eyes
- Top 10% 400D & 600D growth to boost turn-off weights/shorten turn-off time
- Carcase attributes with top 20% IMF, top 5% EMA & RBV%
- Also note top 5% milk & SS EBVs and top 5% ranking for the EBVs for Profit

ARDO HUSTLER 4110 (IMP)

┌ ELITE 4110 E212

SOUTH BUKALONG WINIFRED 54

Sire: WIRRUNA HAGLEY H221 (WNAH221)

MOUNT DIFFICULT FELLIS Z56

┌ MOUNT DIFFICULT LORNA B101

MOUNT DIFFICULT LORNA Z67

Easy-calve

WIRRUNA VICKERY (S)

┌ WIRRUNA EXETER E184

MOUNT DIFFICULT SILVER QUEEN B117

Dam: WIRRUNA AMABEL G359 (WNAG359)

ARDO RUSSIA 4133

┌ WIRRUNA AMABEL D37

WIRRUNA AMABEL B287



Jul 2016 GROUP BREEDPLAN EBV's

CALVING EASE				GROWTH & MATERNAL				
Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Weight	200-Day Growth	400-Day Weight	600-Day Weight	Mat Cow Weight	Genetic Milk
+2.5	+3.4	-0.1	+4.3	+35	+60	+88	+74	+20
35%	28%	49%	71%	65%	65%	64%	58%	42%

FERTILITY		CARCASE						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Trial Docility
+3.1	-	+60	+5.0	+0.4	+0.1	+2.1	+0.6	+3
75%		53%	47%	52%	57%	50%	49%	48%

STRUCTURAL ASSESSMENT								Temp.
								23-Jun-16
7	6	5	6	5	5	4	39	I

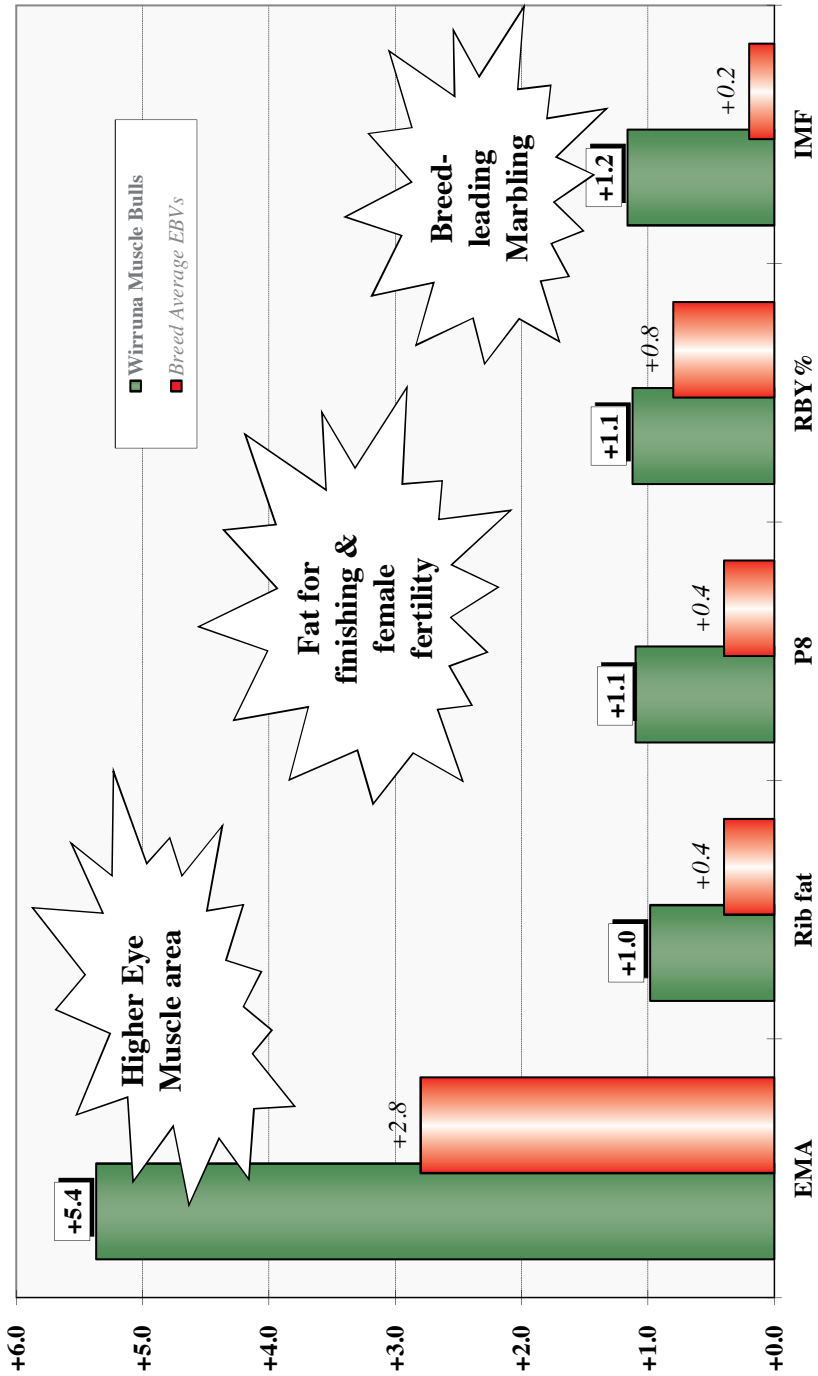
INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index	PP	<i>Mid</i>	C+		Eye Pigment
\$115	\$111	\$130	\$130	98%			4	100/100

Purchaser _____

Price _____

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

EBV





Pen No. 10 (Muscle Bulls)

Birth Date: 21-Aug-14
 Society ID: WNAK244
 Horn/Scurs/Poll: P

- Thick-barrelled muscle bull with calving ease
- Scan revealed highest level of marbling - top 1% IMF% & EMA EBVs
- Offers terrific calving ease (top 5%), itself being born a light weight
- Attractive bull that ranks in top 1% for Grainfed \$Index boosting MSA Index scores
 'Star Lot'

Easy-calve

Sire: **WIRRUNA HARTWIG H297 (WNAH297)**
 ALLENDALE NATIONAL W168
 WIRRUNA EXPLORER E188
 SOUTH BUKALONG VICTORIA 202
 MOUNT DIFFICULT FELLIS Y12 (AI)

Dam: **WIRRUNA URSULA H38 (WNAH38)**
 WIRRUNA MIDGE A51
 WIRRUNA MIDGE Q126
 SOUTH BUKALONG WALLACE 2
 WIRRUNA ECHUCA E99
 WIRRUNA GOLDEN VANITY C32

WIRRUNA DAFFY D1
 WIRRUNA URSULA F227
 WIRRUNA URSULA Z325



Jul 2016 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
+7.3	+4.8	-3.1	-0.2	+27	+53	+62	+46	+12
41%	34%	58%	73%	67%	66%	65%	59%	43%

FERTILITY		CARCASS						Trial Docility
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	
+3.1	-4.0	+55	+5.9	+1.1	+1.7	+0.8	+1.8	+7
76%	38%	54%	49%	53%	57%	51%	51%	50%

STRUCTURAL ASSESSMENT								Temp.
Front 5	Back 6	Front 6	Back 6	5	5	4	23-Jun-16 41	2

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index	PP 98%	<i>Mid</i>	C+	3	Eye Pigment 100/100
\$115	\$117	\$151	\$133					

Purchaser _____

Price _____



Pen No. 10 (Muscle Bulls)

Birth Date: 26-Aug-14
 Society ID: WNAK301
 Horn/Scurs/Polli: S

- An upstanding bull with high fertility
- Carcase EBVs in top 10% for EMA, top 20% for CWT & RBV%
- Carries calving ease & top 30% 400D growth traits - EU \$Index in top 5%
- Strong fertility traits and a great set of testicles - SS EBV in top 1%

Large Scurs

┌ MOUNT DIFFICULT FELLIS Y12 (AI)
 └ WIRRUNA DAFFY D1
 MOUNT DIFFICULT LAST DAY A205
 ┌ RRH MR FELT 3008 (IMP)
 └ MOUNT DIFFICULT LAST DAY B35
 MOUNT DIFFICULT LAST DAY W29

Sire: WIRRUNA HIGH LEVEL H236 (WNAH236)

┌ NORTH END X061
 └ BANEMORE NORTH END A024
 BANEMORE LAST DAY U020

Dam: WIRRUNA GOLDEN VANITY H66 (WNAH66)

┌ ALLENDALE NATIONAL W168
 └ WIRRUNA GOLDEN VANITY D61
 WIRRUNA GOLDEN VANITY A163

Easy-calve



Jul 2016 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
+3.8	+1.7	-0.6	+3.5	+28	+53	+72	+76	+8
40%	34%	50%	71%	65%	65%	64%	59%	44%

FERTILITY		CARCASE						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Trial Docility
+4.4	-4.7	+52	+4.3	+0.5	+0.7	+1.3	+0.5	-6
75%	39%	54%	49%	53%	57%	51%	50%	47%

STRUCTURAL ASSESSMENT								Temp.	
								23-Jun-16	
7	6	6	5	5	5	4	42	2	

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index	Ph	Mid	C+		Eye Pigment
\$103	\$100	\$116	\$121	-			3	100/100

Purchaser _____

Price _____



Pen No. 10 (Muscle Bulls)

Birth Date: 27-Aug-14
 Society ID: WNAK316
 Horn/Scurs/Poll: S

- Thickness right the way down spine & B- muscle
- Designed to improve carcase traits - top 1% IMF% & top 10% for EMA
- Latest calf from his Dam is a potential stud sire for Wirruna
- Ideal feet and leg scores by independent structural assessment

Easy-calve

VALMA JAMBOREE Y41
 ┌ VALMA MAGNUM II
 VALMA ADVANCER'S BANKSIA S86

Sire: **WIRRUNA GEORGE G87 (WNAG87)**

WIRRUNA VICKERY (S)
 ┌ WIRRUNA GOLDEN VANITY Y5
 WIRRUNA GOLDEN VANITY T82

ALLENDALE KING KONG 2
 ┌ ALLENDALE NATIONAL W168
 ALLENDALE CORA R22

Dam: **WIRRUNA VICTORIA E213 (WNAE213)**

SOUTH BUKALONG UNIVERSAL 6
 ┌ SOUTH BUKALONG VICTORIA 202
 SOUTH BUKALONG VICTORIA 152



Jul 2016 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
+0.0	+3.2	-3.7	+3.4	+29	+53	+71	+75	+12
42%	37%	54%	72%	67%	67%	66%	60%	50%

FERTILITY		CARCASE						Temp.
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Trial Docility
+3.8	-4.2	+51	+4.4	+1.3	+1.9	+0.3	+1.6	+7
77%	41%	57%	51%	55%	59%	53%	53%	54%

STRUCTURAL ASSESSMENT								Temp.
							23-Jun-16	
5	6	5	5	5	5	4	42	2

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index	Ph	Mid	B-		Eye Pigment
\$101	\$100	\$128	\$117	-			4	100/100

Purchaser _____

Price _____



Pen No. 10 (Muscle Bulls)?

Birth Date: 28-Aug-14
 Society ID: WNAK325
 Horn/Scurs/Poll: P

- Shows good body depth & shape
- Muscle & marbling benefits - top 15% EMA & top 5% IMF% EBVs
- Good early growth from a calving ease base - ranks in top 15% for 200D growth
- Note top 5% \$Index ranking & DNA tested as genetic dehornor

Easy-calve

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

Sire: **WIRRUNA HERNANDO H47 (WNAH47)**
 WIRRUNA DAFFY D1
 ┌ WIRRUNA VICTORIA F203
 SOUTH BUKALONG VICTORIA 168

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

Dam: **WIRRUNA VICTORIA H234 (WNAH234)**
 WIRRUNA ABERCORN
 ┌ WIRRUNA VICTORIA F5
 SOUTH BUKALONG VICTORIA 202



Jul 2016 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
+1.9	+2.9	-3.9	+3.9	+37	+55	+77	+71	+12
42%	33%	56%	73%	68%	67%	66%	59%	42%

FERTILITY		CARCASE						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Trial Docility
+3.6	-	+56	+4.2	+0.8	+0.4	+0.6	+1.1	+6
75%		55%	49%	54%	58%	51%	51%	54%

STRUCTURAL ASSESSMENT								Temp.	
								23-Jun-16	
7	6	6	6	6	6	4	38		2

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index	PP	<i>Early</i>	C+		Eye Pigment
\$107	\$104	\$131	\$125	98%			3	80/90

Purchaser _____

Price _____



Pen No. 10 (Muscle Bulls)

Birth Date: 28-Aug-14
 Society ID: WNAK338
 Horn/Scurs/Poll: P

- Attractive and good-headed son of Hot Stuff
- Ideal carcase with high muscle & marbling scans - EBVs in top 1% of breed
- Light birth weight & short gestation bull for calving ease over heifers
- With top 1% ranking for Grain fed \$Index, offers higher profit potential
 'Star Lot'

Easy-calve

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

Sire: **WIRRUNA HOT STUFF H356 (WNAH356)**
 ALLENDALE NATIONAL W168
 ┌── WIRRUNA GOLDEN VANITY F378
 WIRRUNA GOLDEN VANITY A99

ALLENDALE NATIONAL W168
 ┌── WIRRUNA EXPLORER E188
 SOUTH BUKALONG VICTORIA 202

Dam: **WIRRUNA VICTORIA G227 (WNAG227)**
 MOUNT DIFFICULT FELLIS Y12 (AI)
 ┌── WIRRUNA VICTORIA E125
 SOUTH BUKALONG VICTORIA 202



Jul 2016 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
+2.3	+4.6	-3.9	+0.9	+29	+47	+59	+34	+13
44%	36%	56%	74%	69%	68%	68%	62%	45%

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	-3.6	+52	+6.5	+1.7	+2.6	+0.7	+2.2	-8
76%	39%	57%	51%	56%	60%	54%	53%	56%

STRUCTURAL ASSESSMENT								Temp.	
								23-Jun-16	
6	7	6	6	6	6	4	37	2	

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index	PP	<i>Mid</i>	C+		Eye Pigment
\$108	\$112	\$151	\$124	98%			4	100/100

Purchaser _____

Price _____



Pen No. 10 (Muscle Bulls)

Birth Date: 30-Aug-14
 Society ID: WNAK380
 Horn/Scurs/Poll: S

- Nice body shape & easy fleshing type
- Carcase benefits with top 5% IMF% & top 15% EMA
- Features tight sheath, good temperament & excellent fertility attributes
- Ranked No.1 2014 born Hereford bull for SS & No.7 for DtC EBVs

Easy-calve

ARDO HUSTLER 4110 (IMP)
 ┌ ELITE 4110 E212
 SOUTH BUKALONG WINIFRED 54
 Sire: WIRRUNA HERNANDO H47 (WNAH47)
 WIRRUNA DAFFY D1
 ┌ WIRRUNA VICTORIA F203
 SOUTH BUKALONG VICTORIA 168
 REMITALL HOLLYWOOD 37H (IMP)
 ┌ WARWICK COURT EPIC E032
 WARWICK COURT FLOSSIE A024
 Dam: CO-OP5 AMABEL H109 (YEEH109)
 MOUNT DIFFICULT FELLIS Y12 (AI)
 ┌ WIRRUNA AMABEL A67 (S)
 WIRRUNA AMABEL S58



Jul 2016 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
+2.6	+1.8	-1.6	+3.9	+33	+59	+79	+75	+10
41%	32%	60%	73%	68%	67%	66%	59%	42%

FERTILITY		CARCASE						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Trial Docility
+5.6	-6.1	+53	+4.2	+0.7	+0.3	+0.5	+1.3	+1
75%	35%	55%	49%	53%	58%	51%	51%	51%

STRUCTURAL ASSESSMENT								Temp.	
								23-Jun-16	
6	6	6	5	5	5	5	44		I

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index	Ph	Mid	C+		Eye Pigment
\$115	\$112	\$145	\$136				4	100/95

Purchaser _____

Price _____



Pen No. 11 (Muscle Bulls)

Birth Date: 30-Aug-14
 Society ID: WNAK385
 Horn/Scurs/Poll: S

- Soft & nice-bodied carcase bull
- Full brother to lot 31 & heifer lot 63 - Dam is respected donor cow from Pine Hill
- Combines top 1% EMA with top 5% IMF% for improved carcase attributes
- Fertility EBVs rank in top 5% of breed for fertile replacement daughters

MOUNT DIFFICULT FELLIS Y12 (AI)

┌ WIRRUNA DAFFY D1
 MOUNT DIFFICULT LAST DAY A205

Sire: **WIRRUNA GEELONG G171 (WNAG171)**

WIRRUNA VICKERY (S)

┌ WIRRUNA LAST DAY E163
 MOUNT DIFFICULT LAST DAY C31

KOANUI ROCKET 0219

┌ PINE HILL CROSSFIRE C558
 PINE HILL GHOST MAPLE W16

Dam: **PINE HILL CLARA E693 (WKHE693)**

MOUNT DIFFICULT FELLIS Y12 (AI)

┌ PINE HILL CLARA B585
 PINE HILL CLARA V90

Easy-calve



Jul 2016 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	+0.1	+3.3	+28	+42	+57	+38	+12
44%	37%	57%	75%	70%	69%	69%	62%	49%

FERTILITY		CARCASE						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Trial Docility
+3.0	-5.0	+48	+6.2	+1.5	+1.4	+1.6	+1.1	-2
76%	39%	61%	55%	59%	63%	55%	58%	58%

STRUCTURAL ASSESSMENT								Temp.
								23-Jun-16
7	7	6	6	5	5	4	38	2

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index	<i>Ph</i>	<i>Mid</i>	C+		Eye Pigment
\$105	\$107	\$135	\$126	-			3	100/70

Purchaser _____

Price _____



Pen No. 11 (Muscle Bulls)

Birth Date: 31-Aug-14
 Society ID: WNAK389
 Horn/Scurs/Poll: P

- Excellent shaped body with long neck
- Gaylords offer calving ease & exceptional carcase improving traits
- Ranks No.2 for all 2014 born Hereford bulls for EMA EBV
- Profitable mix of EBVs reflected by the top 5% ranking for 3 of 4 \$Indices

MOUNT DIFFICULT FELLIS Y12 (AI)

┌ WIRRUNA DAFFY D1

MOUNT DIFFICULT LAST DAY A205

Sire: **WIRRUNA GAYLORD G152 (WNAG152)**

MOUNT DIFFICULT UNGAR (S)

┌ WIRRUNA URSULA Z46 (S)

WIRRUNA URSULA X34

MOUNT DIFFICULT FELLIS Y12 (AI)

┌ WIRRUNA BENALLA

WIRRUNA HYACINTH W247

Dam: **WIRRUNA GOLDEN VANITY E264 (WNAE264)**

IRONBARK 4-HOT SHOT M428

┌ WIRRUNA GOLDEN VANITY W94

WIRRUNA GOLDEN VANITY T118

Easy-calve



Jul 2016 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
+7.5	+0.5	-1.8	+0.8	+21	+43	+53	+44	+7
41%	36%	53%	73%	68%	68%	67%	61%	50%

FERTILITY		CARCASE						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Trial Docility
+3.9	-4.7	+52	+8.0	+0.8	+0.8	+2.5	+0.9	-4
77%	41%	56%	51%	55%	59%	53%	53%	52%

STRUCTURAL ASSESSMENT								Temp.	
								23-Jun-16	
6	6	6	6	6	5	4	39	2	

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index	Ph	Early	C+		Eye Pigment
\$105	\$107	\$131	\$128	98%			3	100/100

Purchaser _____

Price _____











Pen No. 11 (Muscle Bulls)

Birth Date: 31-Aug-14
 Society ID: WNAK402
 Horn/Scurs/Poll: D

- A well muscled individual scoring B- muscle
- Note his wide stance and width down spine
- Rates well for structural attributes & CE(Dtrs) EBV ranks in top 15%
- Good scrotal size also influences female fertility with earlier onset of puberty

Dehorned

VALMA JAMBOREE Y41
 ┌ VALMA MAGNUM II
 VALMA ADVANCER'S BANKSIA S86

Sire: **WIRRUNA HARRY H196 (WNAH196)**
 ┌ HEATHERDALE OPIUM U78 (AI)
 WIRRUNA ROYAL FAITH C64
 WIRRUNA ROYAL FAITH A249

PINE HILL CROSSFIRE C558
 ┌ PINE HILL EARLE E696
 PINE HILL GHOST MAPLE B624

Dam: **WIRRUNA GOLDEN VANITY G371 (WNAG371)**
 ┌ WIRRUNA BRADLEY
 WIRRUNA GOLDEN VANITY E456
 WIRRUNA GOLDEN VANITY Z125



Jul 2016 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	+3.6	-0.2	+3.9	+29	+46	+59	+42	+13
34%	28%	44%	70%	63%	64%	63%	57%	42%

FERTILITY		CARCASE						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Trial Docility
+2.0	-	+40	+3.6	+0.3	+0.2	+1.4	+0.1	-6
75%		52%	46%	51%	55%	49%	47%	44%

STRUCTURAL ASSESSMENT								Temp.
Front 6	Back 6	Front 5	Back 6	5	5	4	23-Jun-16 38	2

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index	hh	Mid	B-	4	Eye Pigment 100/10
\$77	\$75	\$85	\$90					

Purchaser _____

Price _____



Pen No. 11 (Muscle Bulls)

Birth Date: 1-Sep-14
 Society ID: WNAK420
 Horn/Scurs/Poll: S

- Meaty wide-set bull with lots of shape
- Top end scan supported top 1% EMA EBV to improve herd muscling
- Curve-bending growth - BWT EBV in lightest 40%, 400D EBV in heaviest 5%
- I like this fellows fertility traits, marbling, eye set & docile nature

Button Scurs

Easy-calve

Sire: **WIRRUNA HERD IMPROVER H483 (WNAH483)**
 MOUNT DIFFICULT FELLIS Y12 (AI)
 WIRRUNA DAFFY D1
 MOUNT DIFFICULT LAST DAY A205

┌ WIRRUNA AMABEL D18
 ALLLENDA NATIONAL W168
 WIRRUNA AMABEL Y74

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

Dam: **PINE HILL SIRIKIT D621 (WKHD621)**

┌ PINE HILL FLOW Z582
 PINE HILL SIRIKIT B753
 PINE HILL SIRIKIT Z710



Jul 2016 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
+2.6	+1.1	-1.0	+4.1	+36	+65	+84	+76	+9
39%	35%	48%	71%	65%	65%	65%	59%	47%

FERTILITY		CARCASE						Temp.
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Trial Docility
+3.7	-5.0	+66	+5.9	+1.6	+2.0	+0.9	+1.2	-5
76%	37%	54%	49%	53%	57%	51%	50%	46%

STRUCTURAL ASSESSMENT								Temp.	
								23-Jun-16	
6	6	5	6	5	5	4	41		1

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index	Ph	Mid	C+		Eye Pigment
\$121	\$119	\$146	\$138	98%			4	10/100

Purchaser _____

Price _____



Pen No. 11 (Muscle Bulls)

Birth Date: 2-Sep-14
 Society ID: WNAK425
 Horn/Scurs/Poll: P

- Beautiful body with good conformation
- Full brother to lot 27 & heifer lot 63 - Dam is respected donor cow from Pine Hill
- Excellent B- muscling & EMA EBV in top 5% of breed
- Profit potential indicated by top 5% ranking for Grain fed \$Index value

MOUNT DIFFICULT FELLIS Y12 (AI)

┌ WIRRUNA DAFFY D1
 MOUNT DIFFICULT LAST DAY A205

Sire: **WIRRUNA GEELONG G171 (WNAG171)**

WIRRUNA VICKERY (S)

┌ WIRRUNA LAST DAY E163
 MOUNT DIFFICULT LAST DAY C31

KOANUI ROCKET 0219

┌ PINE HILL CROSSFIRE C558
 PINE HILL GHOST MAPLE W16

Dam: **PINE HILL CLARA E693 (WKHE693)**

MOUNT DIFFICULT FELLIS Y12 (AI)

┌ PINE HILL CLARA B585
 PINE HILL CLARA V90

Easy-calve



Jul 2016 GROUP BREEDPLAN EBV's

CALVING EASE				GROWTH & MATERNAL				
Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Weight	200-Day Growth	400-Day Weight	600-Day Weight	Mat Cow Weight	Genetic Milk
+3.7	+3.6	+0.1	+3.6	+30	+44	+58	+40	+12
44%	37%	57%	75%	70%	69%	69%	62%	49%

FERTILITY		CARCASE						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Trial Docility
+2.1	-4.3	+48	+5.6	+1.3	+1.2	+1.5	+1.0	-2
76%	39%	61%	55%	59%	63%	55%	58%	58%

STRUCTURAL ASSESSMENT								Temp.	
								23-Jun-16	
6	6	6	6	5	5	4	38	I	

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index	PP	<i>Mid</i>	B-		Eye Pigment
\$99	\$100	\$125	\$118	98%			3	100/100

Purchaser _____

Price _____



Pen No. 11 (Muscle Bulls)

Birth Date: 3-Sep-14
 Society ID: WNAK439
 Horn/Scurs/Poll: S

- Excellent B- muscle and depth of body
- Rates well for structural attributes & fertility traits (top 5% SS EBV)
- Combines those 'sort after' traits - impressive EMA, RBV & IMF% EBVs
- Achieved top-end weight/day of age performance - Top 10% for 400D growth

Star Lot', Button Scurs

┌ MOUNT DIFFICULT FELLIS Y12 (AI)
 └ WIRRUNA DAFFY D1
 MOUNT DIFFICULT LAST DAY A205

Sire: **WIRRUNA GAYLORD G152 (WNAG152)**

┌ MOUNT DIFFICULT UNGAR (S)
 └ WIRRUNA URSULA Z46 (S)
 WIRRUNA URSULA X34

Easy-calve

┌ MARKOWEN INTRUDER
 └ WIRRUNA CANDIDATE C118
 WIRRUNA FLORA Z267

Dam: **WIRRUNA PENELOPE E348 (WNAE348)**

┌ QUAMBY PLAINS STOCKMASTER Y118
 └ WIRRUNA PENELOPE B313
 WIRRUNA PENELOPE X211



Jul 2016 GROUP BREEDPLAN EBV's

CALVING EASE				GROWTH & MATERNAL				
Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Weight	200-Day Growth	400-Day Weight	600-Day Weight	Mat Cow Weight	Genetic Milk
+4.4	-1.6	-1.4	+4.0	+32	+60	+79	+80	+5
39%	34%	48%	73%	67%	67%	66%	60%	49%

FERTILITY		CARCASE						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Trial Docility
+3.1	-2.6	+62	+6.6	+0.1	-0.5	+2.1	+1.0	-1
76%	39%	55%	49%	53%	58%	51%	51%	51%

STRUCTURAL ASSESSMENT								Temp.	
								23-Jun-16	
6	5	6	5	5	5	4	40		2

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index					Eye Pigment
\$104	\$101	\$125	\$122	Ph 98%	<i>Mid</i>	B-		90/100
							4	

Purchaser _____

Price _____



Pen No. 11 (Muscle Bulls)

Birth Date: 8-Sep-14
 Society ID: WNAK479
 Horn/Scurs/Poll: S

- Dam is also mother of respected sire Hot Stuff H356
- Ideal carcase combination - quality (top 5% IMF%) & quantity (top 10% EMA)
- Also features strong fertility traits with top 1% SS & top 10% DtC EBVs
- B- muscle for MSA grassfed of grain fed quality beef market targets

VALMA JAMBOREE Y41
 ┌ VALMA MAGNUM II
 VALMA ADVANCER'S BANKSIA S86

Sire: **WIRRUNA GEORGE G87 (WNAG87)**

WIRRUNA VICKERY (S)
 ┌ WIRRUNA GOLDEN VANITY Y5
 WIRRUNA GOLDEN VANITY T82

ALLENDALE KING KONG 2
 ┌ ALLENDALE NATIONAL W168
 ALLENDALE CORA R22

Dam: **WIRRUNA GOLDEN VANITY F378 (WNAF379)**

MOUNT DIFFICULT FELLIS Y12 (AI)
 ┌ WIRRUNA GOLDEN VANITY A99
 WIRRUNA GOLDEN VANITY Y104



Jul 2016 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
-2.1	+1.5	-2.7	+5.3	+32	+56	+75	+74	+14
43%	38%	55%	73%	68%	68%	67%	61%	49%

FERTILITY		CARCASE						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Trial Docility
+3.7	-4.3	+49	+4.4	+1.1	+1.6	+0.4	+1.3	+4
77%	42%	57%	52%	55%	59%	54%	54%	55%

STRUCTURAL ASSESSMENT								Temp.	
								23-Jun-16	
7	6	5	5	5	5	3	41		1

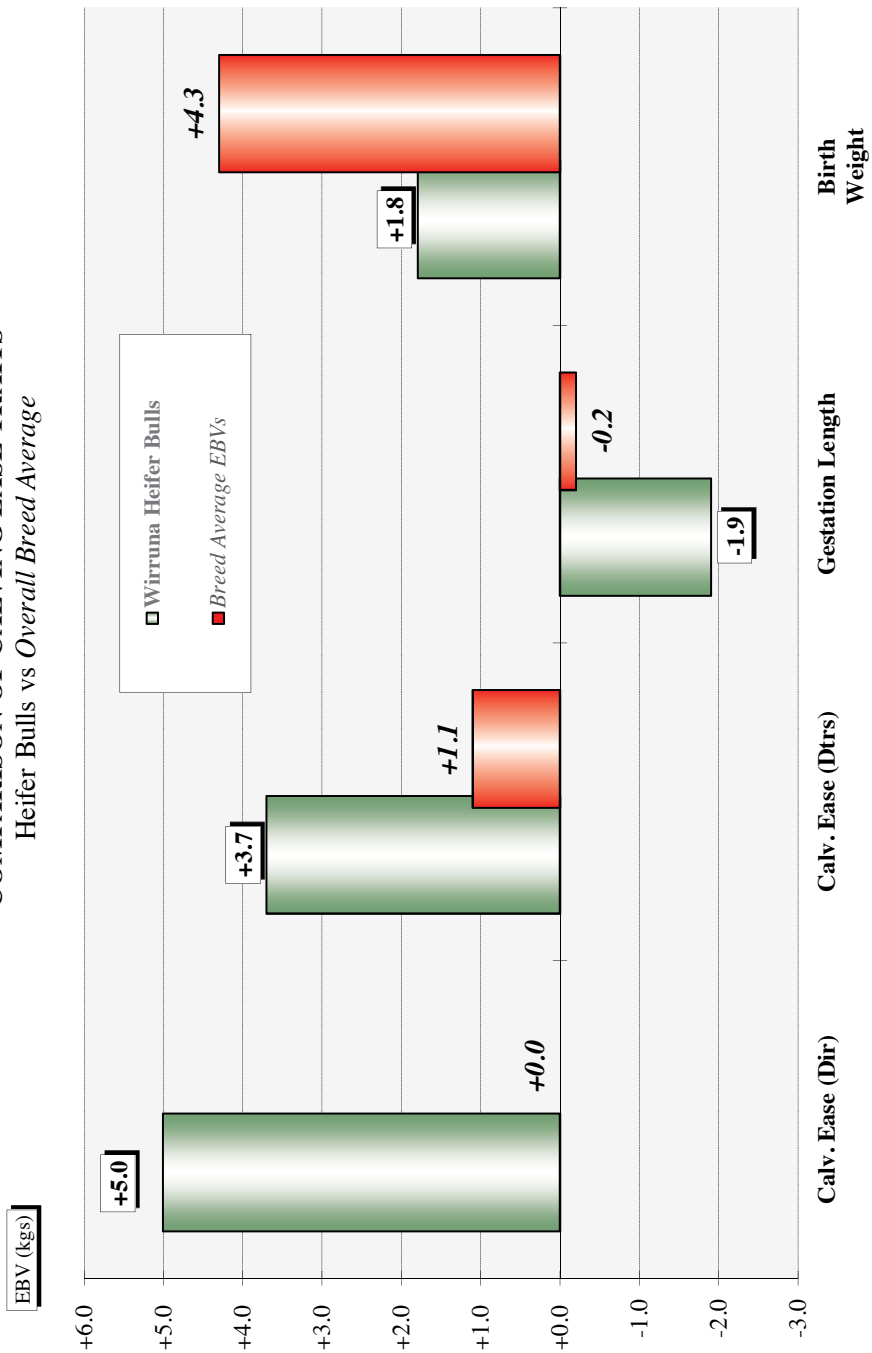
INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index	??	Mid	B-		Eye Pigment
\$97	\$94	\$121	\$112				4	100/100

Purchaser _____

Price _____

COMPARISON OF CALVING EASE TRAITS

Heifer Bulls vs Overall Breed Average





Pen No. 3 (Specialist Heifer Bulls)

Birth Date: 7-Aug-14
 Society ID: WNAK34
 Horn/Scurs/Poll: P

- Gabu son for calving ease & temperament
- Curve bending EBV profile with lightest 20% BWT & top 20% 200D & 400D growth
- Backed by pedigree of easy calving & low birthweight genetics
- Features short GL, tight sheath and genes tested to dehorn progeny

Easy-calve

WIRRUNA ABRACADABRA
 ┌── WIRRUNA CHEVIOT C280
 WIRRUNA URSULA Z46 (S)

Sire: **WIRRUNA GABU G134 (WNAG134)**

SOUTH BUKALONG UNIVERSAL 6
 ┌── SOUTH BUKALONG VICTORIA 202
 SOUTH BUKALONG VICTORIA 152

HEATHERDALE OPIUM U78 (AI)
 ┌── VALMA MERCHANT
 VALMA EPICS MOONSHINE W50

Dam: **WIRRUNA VICTORIA H92 (WNAH92)**

ALLENDALE NATIONAL W168
 ┌── WIRRUNA VICTORIA E106
 SOUTH BUKALONG VICTORIA 202



Jul 2016 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	-	-4.0	+2.8	+35	+58	+80	+82	+14
41%		76%	73%	69%	68%	68%	62%	46%

FERTILITY		CARCASS						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Trial Docility
+2.6	-2.9	+59	+3.7	+0.1	+0.3	+0.6	+0.8	+12
77%	37%	60%	54%	58%	62%	54%	57%	50%

STRUCTURAL ASSESSMENT								Temp.	
								23-Jun-16	
6	6	5	6	5	5	5	40	2	

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index	PP	<i>Mid</i>	C		Eye Pigment
\$99	\$94	\$110	\$110	98%			3	100/100

Purchaser _____

Price _____



Pen No. 3 (Specialist Heifer Bulls)

Birth Date: 14-Aug-14
 Society ID: WNAK137
 Horn/Scurs/Poll: P

- A twin calf - F25 did good job raising both calves
- Carries low birth weight & top 10% CE(Dir) & top 1% CE(Dtrs) genetics
- Also features top 15% early growth, top 5% EMA, strong milk & \$Indices
- A good bodied bull that ranks highly for foot and leg structure
'Star Lot'

Easy-calve

Sire: **MSU TCF REVOLUTION 4R (MIH4RAPR)**
 FELTONS DOMINO 774
 FELTONS LEGEND 242 (IMP USA)
 FELTONS G15
 REMITALL ONLINE 122L (IMP)
 MSU TCF RACHAEL ET 54N
 HH MISS ADV 786G 1ET (H)

Dam: **WIRRUNA URSULA F25 (WNAF25)**
 SOUTH BUKALONG WALKER 6
 SOUTH BUKALONG WALLACE 2
 SOUTH BUKALONG VICTORIA 152
 KOANUI ROCKET 0219
 WIRRUNA URSULA D45
 WIRRUNA URSULAB20



Jul 2016 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	+6.0	-2.6	+1.6	+37	+58	+76	+50	+18
45%	37%	62%	73%	67%	64%	64%	58%	56%

FERTILITY		CARCASS						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Trial Docility
+2.5	-3.1	+62	+5.7	+1.4	+1.5	+0.8	+0.6	+4
55%	35%	54%	47%	50%	51%	46%	51%	47%

STRUCTURAL ASSESSMENT								Temp.	
								23-Jun-16	
5	6	5	6	5	5	4	39	2	

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index	PP	<i>Mid</i>	C+		<i>Eye Pigment</i>
\$114	\$112	\$129	\$125	98%			3	50/100

Purchaser _____

Price _____



Pen No. 3 (Specialist Heifer Bulls)

Birth Date: 14-Aug-14
 Society ID: WNAK150
 Horn/Scurs/Poll: S

- Well shaped for easy-calving - ideal for heifers
- Benefits include high milk in top 5% of the breed
- Strong carcass attributes - EMA in top 5%, IMF% in top 10% of breed
- Features good testicles - benefitting bull fertility & via more fertile daughters
 'Star Lot'

INJEMIRA ADVANCE T019 (AI) (H)
 ┌ INJEMIRA ADVANCE V093 (H)
 INJEMIRA PATTIE R467 (H)
 Sire: INJEMIRA ADVANCE Y203 (IHSY203)
 HH ADVANCE 3021C (IMP) (H)
 └ INJEMIRA FIRST DAY S198 (H)
 INJEMIRA FIRST DAY Q043 (H)

 ALLENDALE KING KONG 2
 ┌ ALLENDALE NATIONAL W168
 ALLENDALE CORA R22
 Dam: WIRRUNA GOLDEN VANITY E67 (WNAE67)
 HEATHERDALE OPIUM U78 (AI)
 └ WIRRUNA GOLDEN VANITY B115
 WIRRUNA GOLDEN VANITY U87

Easy-calve



Jul 2016 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	+1.1	-2.1	+2.6	+32	+53	+72	+68	+20
47%	42%	76%	74%	69%	69%	68%	64%	58%

FERTILITY		CARCASS						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Trial Docility
+3.0	-2.2	+51	+5.1	+0.4	+0.5	+1.3	+0.8	+2
77%	43%	61%	56%	58%	63%	56%	58%	53%

STRUCTURAL ASSESSMENT								Temp.	
								23-Jun-16	
6	6	5	5	5	5	5	40	2	

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index	Ph	Mid	C+		Eye Pigment
\$98	\$94	\$111	\$110	-			4	95/100

Purchaser _____

Price _____



Pen No. 3 (Specialist Heifer Bulls)

Birth Date: 15-Aug-14
 Society ID: WNAK162
 Horn/Scurs/Poll: P

- Long-necked & ideally shaped for easy calving
- Curve bender - excellent CE with above average growth genetics
- Top 5% ranking for the Trial Docility EBV indicates good temperament in progeny
- Ranks in top 10% of breed for Supermarket, Grassfed & EU \$Indices

YARRAM LOTTERY U047 (H)
 ┌── YARRAM LOTTERY X122 (H)
 YARRAM ANGELA P099 (H)

Sire: **ELITE X122 H2 (KMPH2)**

SOUTH BUKALONG WALLACE 2
 ┌── ELITE LASSIE Y781 F15
 ELITE LASSIE 0219 D76

MOUNT DIFFICULT FELLIS Y12 (AI)
 ┌── WIRRUNA DAFFY D1
 MOUNT DIFFICULT LAST DAY A205

Dam: **WIRRUNA GOLDEN VANITY H362 (WNAH362)**

KOANUI ROCKET 0219
 ┌── WIRRUNA GOLDEN VANITY D76
 WIRRUNA GOLDEN VANITY B158

Easy-calve



Jul 2016 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
+5.9	+4.9	-1.1	+3.1	+32	+55	+74	+68	+11
42%	37%	74%	73%	68%	67%	66%	60%	44%

FERTILITY		CARCASS						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Trial Docility
+1.0	-3.1	+57	+4.7	-0.2	-0.5	+2.3	-0.3	+15
75%	38%	56%	50%	54%	58%	52%	52%	48%

STRUCTURAL ASSESSMENT								Temp.	
								23-Jun-16 38	 I
7	6	6	5	4	5	4			

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index	Ph	Mid	C		Eye Pigment
\$100	\$96	\$100	\$114	98%			3	100/100

Purchaser _____

Price _____



Pen No. 3 (Specialist Heifer Bulls)

Birth Date: 24-Aug-14
 Society ID: WNAK286
 Horn/Scurs/Polli: P

- Calving ease bull with high EMA & IMF%
- Special dam, used as Donor Cow for 2016, also dam of W Sire Jaffa J55
- Early days of Trial Docility EBVs indicate good temperament in progeny
- Short GL contributes to top 5% ranking for Grassfed, Grainfed & EU \$Index
 'Star Lot'

Easy-calve

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

Sire: **WIRRUNA HOT STUFF H356 (WNAH356)**
 ALLENDALE NATIONAL W168
 ┌── WIRRUNA GOLDEN VANITY F378
 WIRRUNA GOLDEN VANITY A99

MOUNT DIFFICULT FELLIS Y12 (AI)
 ┌── WIRRUNA DAFFY D1
 MOUNT DIFFICULT LAST DAY A205

Dam: **WIRRUNA VICTORIA G92 (WNAG92)**
 ALLENDALE NATIONAL W168
 ┌── WIRRUNA VICTORIA E106
 SOUTH BUKALONG VICTORIA 202



Jul 2016 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
+5.9	+3.3	-3.1	+1.1	+30	+47	+59	+51	+10
45%	37%	60%	74%	69%	68%	67%	61%	44%

FERTILITY		CARCASE						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Trial Docility
+2.0	-3.6	+55	+6.0	+1.2	+1.7	+1.1	+1.5	+15
77%	38%	57%	51%	55%	60%	53%	53%	57%

STRUCTURAL ASSESSMENT								Temp.	
								23-Jun-16	
5	5	6	6	4	5	4	37		I

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES		
Supermarket	Grass Fed	Grain Fed	EU Index		??	Mid	C		Eye Pigment
\$104	\$106	\$132	\$121	-				4	100/100

Purchaser _____

Price _____



Pen No. 3 (Specialist Heifer Bulls)

Birth Date: 26-Aug-14
 Society ID: WNAK298
 Horn/Scurs/Poll: S

- Advance son with thick-barrelled body
- Low BWT (lightest 15%) & high CE (top 10%) for easy calving ability
- Offers top 5% genetic milk for herds looking to improve maternal performance
- Structurally sound bull with top 5% scrotal to assist with fertility traits

Button Scurs

INJEMIRA ADVANCE T019 (AI) (H)
 ┌ INJEMIRA ADVANCE V093 (H)
 INJEMIRA PATTIE R467 (H)

Sire: INJEMIRA ADVANCE Y203 (IHSY203)

HH ADVANCE 3021C (IMP) (H)
 ┌ INJEMIRA FIRST DAY S198 (H)
 INJEMIRA FIRST DAY Q043 (H)

Easy-calve

KOANUI ROCKET 0219
 ┌ ARDO RUSSIA 4133
 ARDO LYDIA P955

Dam: WIRRUNA LAST DAY D34 (WNAD34)

MOUNT DIFFICULT UNGAR (S)
 ┌ WIRRUNA LAST DAY B9
 WIRRUNA LAST DAY Z121



Jul 2016 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	+3.8	+1.8	+2.0	+26	+45	+65	+55	+20
46%	39%	76%	74%	69%	69%	68%	63%	57%

FERTILITY		CARCASE						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RYB (%)	IMF (%)	Trial Docility
+3.1	-2.3	+43	+4.3	+1.2	+1.5	+0.5	+1.2	+12
77%	42%	60%	55%	57%	62%	55%	57%	52%

STRUCTURAL ASSESSMENT								Temp.	
								23-Jun-16	
6	5	5	6	5	5	4	39	2	

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index	Ph	Early	C+		Eye Pigment
\$98	\$97	\$120	\$110	-			4	100/100

Purchaser _____

Price _____



Pen No. 4 (Specialist Heifer Bulls)

Birth Date: 30-Aug-14
 Society ID: WNAK382
 Horn/Scurs/Poll: P

- Ideally shaped for easy calving-reduce dystocia
- Lightest 15% for BWT EBV & positive calving ease
- Also features top fertility traits with top-end SS & Days to Calving EBVs
- Has a docile nature & offers homozygous polled genetics

Easy-calve

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

Sire: **WIRRUNA HORATIO H340 (WNAH340)**
 ┌ MOUNT DIFFICULT FELLIS Y12 (AI)
 WIRRUNA LAST DAY D84
 WIRRUNA LAST DAY B140

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

Dam: **WIRRUNA RITA H258 (WNAH258)**
 ┌ WIRRUNA DALGLIESH D25
 WIRRUNA Rita F271
 WIRRUNA RITA D326



Jul 2016 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
+2.2	+5.2	-1.4	+2.2	+26	+42	+60	+36	+12
37%	32%	42%	70%	65%	65%	64%	58%	42%

FERTILITY		CARCASE						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Trial Docility
+3.4	-4.9	+44	+4.1	+0.6	+0.7	+1.2	+0.6	-2
75%	35%	53%	47%	52%	56%	50%	49%	45%

STRUCTURAL ASSESSMENT								Temp.
6	6	6	6	5	5	4	23-Jun-16 37	I

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index	PP	<i>Early</i>	C		Eye Pigment
\$100	\$99	\$122	\$118	98%			3	100/100

Purchaser _____

Price _____



Pen No. 4 (Specialist Heifer Bulls)

Birth Date: 31-Aug-14
 Society ID: WNAK387
 Horn/Scurs/Pol: P

- I like this bull's long body & fantastic rear-end
- Designed for reducing dystocia in heifer calvings
- Improve carcase traits with EMA rated in top 1% & RBV% in top 5%
- One white eye detracts from this otherwise very well put-together bull

MOUNT DIFFICULT FELLIS Y12 (AI)

┌ WIRRUNA DAFFY D1

MOUNT DIFFICULT LAST DAY A205

Sire: **WIRRUNA GAYLORD G152 (WNAG152)**

MOUNT DIFFICULT UNGAR (S)

┌ WIRRUNA URSULA Z46 (S)

WIRRUNA URSULA X34

SOUTH BUKALONG WALKER 6

┌ SOUTH BUKALONG WALLACE 2

SOUTH BUKALONG VICTORIA 152

Dam: **WIRRUNA LAST DAY F51 (WNAF51)**

ARDO RUSSIA 4133

┌ WIRRUNA LAST DAY D97

WIRRUNA LAST DAY A353

Easy-calve



Jul 2016 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
+9.9	+4.0	-3.2	-0.9	+23	+41	+51	+32	+11
42%	37%	55%	73%	67%	67%	66%	60%	48%

FERTILITY		CARCASE						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Trial Docility
+1.4	-3.1	+51	+5.9	+0.7	+0.9	+1.9	+0.9	-2
76%	41%	56%	51%	55%	59%	53%	53%	51%

STRUCTURAL ASSESSMENT								Temp.	
								23-Jun-16	
5	5	5	5	4	5	4	36		2

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index	PP	Mid	C+		Eye Pigment
\$99	\$101	\$121	\$115	98%			3	100/0

Purchaser _____

Price _____



Pen No. 4 (Specialist Heifer Bulls)

Birth Date: 5-Sep-14
 Society ID: WNAK465
 Horn/Scurs/Poll: P

- A long curve-bender suitable for heifers
- Good birth (top 10% BW EBV) to growth spread (top 15% 400D EBV)
- One of the breed's top 10 2014 born bulls for marbling & Grain fed \$Index
- \$Index values in top 1% revealing high profit potential & balance of traits

Easy-calve

ARDO HUSTLER 4110 (IMP)
 ┌ ELITE 4110 E212
 SOUTH BUKALONG WINIFRED 54
 Sire: **WIRRUNA HOLLYWOOD H22 (WNAH22)**
 SOUTH BUKALONG WALLACE 2
 ┌ WIRRUNA MADAM F18
 WIRRUNA MADAM D232
 SOUTH BUKALONG WALLACE 2
 ┌ WIRRUNA FORT F382
 MOUNT DIFFICULT LORNA B123
 Dam: **WIRRUNA HYACINTH H246 (WNAH246)**
 WIRRUNA DARKIE D66
 ┌ WIRRUNA HYACINTH F281
 WIRRUNA HYACINTH D370



Jul 2016 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
+6.1	+5.5	-2.9	+1.7	+35	+60	+81	+52	+20
38%	30%	48%	72%	66%	66%	66%	59%	41%

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	-3.6	+60	+4.3	+1.7	+2.4	-0.2	+2.2	-1
75%	35%	55%	48%	53%	58%	51%	50%	50%

STRUCTURAL ASSESSMENT								Temp.	
								23-Jun-16	
7	7	6	7	6	6	4	36		2

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index	Ph	Mid	C+		Eye Pigment
\$127	\$127	\$167	\$139	98%			3	70/90

Purchaser _____

Price _____



Pen No. 4 (Specialist Heifer Bulls)

Birth Date: 6-Sep-14
 Society ID: WNAK467
 Horn/Scurs/Poll: P

- Solid pedigree of calving ease genetics
- Well shaped bull - top 5% ranking for CE & low BWT
- Carries fertility traits - Scrotal size EBV (top 5%) linked to early puberty
- \$Indices reflect good balance of commercial traits for grassfed & EU endpoints

Easy-calve

MOUNT DIFFICULT FELLIS Y12 (AI)

┌ WIRRUNA DAFFY D1

MOUNT DIFFICULT LAST DAY A205

Sire: **WIRRUNA GAYLORD G152 (WNAG152)**

MOUNT DIFFICULT UNGAR (S)

┌ WIRRUNA URSULA Z46 (S)

WIRRUNA URSULA X34

KOANUI ROCKET 0219

┌ WIRRUNA DOLLAR MAKER D156

SOUTH BUKALONG VICTORIA 237

Dam: **WIRRUNA GOLDEN VANITY F178 (WNAF178)**

WIRRUNA ALFA

┌ WIRRUNA GOLDEN VANITY D226

WIRRUNA GOLDEN VANITY Y43



Jul 2016 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
+7.3	+1.5	-1.4	+1.3	+23	+37	+50	+39	+9
39%	34%	49%	72%	67%	66%	65%	59%	47%

FERTILITY		CARCASS						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Trial Docility
+3.3	-3.8	+43	+4.7	+0.6	+0.6	+1.6	+0.2	-3
76%	39%	54%	49%	53%	57%	51%	51%	50%

STRUCTURAL ASSESSMENT								Temp.	
								23-Jun-16	
6	6	6	6	5	6	4	38		2

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index	Ph	Mid	C		Eye Pigment
\$88	\$88	\$99	\$105	98%			3	30/100

Purchaser _____

Price _____



Pen No. 4 (Specialist Heifer Bulls)

Birth Date: 8-Sep-14
 Society ID: WNAK484
 Horn/Scurs/Poll: S

- Panda-eyed bull with good body-shape for calving
- Low birth weight EBV (lightest 10%) & calving ease (best 5%)
- Carries exceptional carcase traits - EMA (top 1%) & RBY% (top 5%)
- Very good temperament for improving herd docility

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

Sire: WIRRUNA HAGLEY H221 (WNAH221)

— MOUNT DIFFICULT FELLIS Z56
 — MOUNT DIFFICULT LORNA B101
 MOUNT DIFFICULT LORNA Z67

— MOUNT DIFFICULT FELLIS Y12 (AI)
 — WIRRUNA DAFFY D1
 MOUNT DIFFICULT LAST DAY A205

Dam: WIRRUNA PENELOPE G289 (WNAG289)

— QUAMBY PLAINS STOCKMASTER Y118
 — WIRRUNA PENELOPE C312
 WIRRUNA PENELOPE X107

Easy-calve



Jul 2016 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
+6.3	+1.2	-0.2	+1.3	+25	+40	+49	+44	+7
38%	32%	49%	71%	66%	66%	65%	59%	44%

FERTILITY		CARCASE						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Trial Docility
+2.2	-2.8	+48	+5.9	+0.1	-0.6	+2.2	+0.7	+14
75%	37%	55%	49%	53%	57%	51%	51%	49%

STRUCTURAL ASSESSMENT								Temp.	
								23-Jun-16 37	 I
7	6	6	5	5	5	5			

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index					Eye Pigment
\$84	\$85	\$102	\$104	<i>Ph</i>	<i>Mid</i>	C		80/100
							4	

Purchaser _____

Price _____



Pen No. 4 (Specialist Heifer Bulls)

Birth Date: 17-Sep-14
 Society ID: WNAK526
 Horn/Scurs/Poll: S

- The highest marbling EBV for all 2014 born Hereford bulls
- Comes with that familiar calving ease confidence - low BWT
- Positive fat for easy finishing ability & for improved fertility rates in 14mth old heifers
- Strong carcass traits help boost the Grain fed \$Index into the top 1% of breed

Button Scurs

┌ ALLENDALE NATIONAL W168
 └ WIRRUNA EXPLORER E188
 SOUTH BUKALONG VICTORIA 202

Sire: WIRRUNA HARTWIG H297 (WNAH297)

┌ MOUNT DIFFICULT FELLIS Y12 (AI)
 └ WIRRUNA MIDGE A51
 WIRRUNA MIDGE Q126

Easy-calve

┌ IRONBARK 4-HOT SHOT M428
 └ WIRRUNA VICKERY (S)
 WIRRUNA LAST DAY S102

Dam: WIRRUNA JESSIE H160 (WNAH160)

┌ SOUTH BUKALONG SHANNON 40
 └ PINE HILL JESSIE E718
 PINE HILL JESSIE A610



Jul 2016 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	+4.3	-1.7	+1.0	+26	+46	+56	+32	+12
41%	35%	58%	72%	67%	66%	65%	58%	44%

FERTILITY		CARCASS						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Trial Docility
+1.3	-3.3	+45	+3.7	+1.8	+2.5	-0.9	+2.5	+5
75%	38%	54%	49%	53%	57%	51%	50%	50%

STRUCTURAL ASSESSMENT								Temp.	
								23-Jun-16	
7	5	6	5	4	5	4	38	2	

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index	Ph	<i>Early</i>	C+		Eye Pigment
\$97	\$100	\$143	\$110	98%			4	100/100

Purchaser _____

Price _____

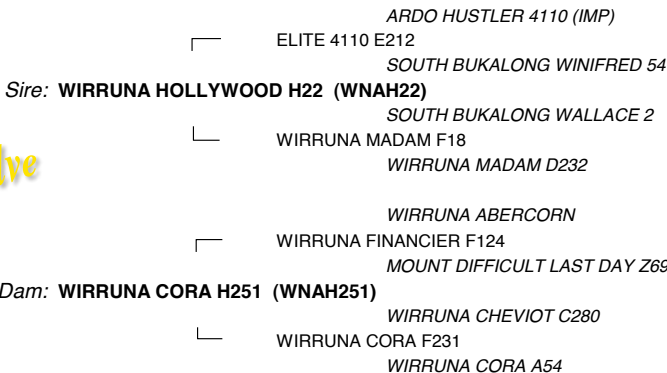


Pen No. 4 (Specialist Heifer Bulls)

Birth Date: 22-Sep-14
 Society ID: WNAK544
 Horn/Scurs/Poll: P

- Curve-bending bull with good body depth & bone
- Pedigree stacked with easy calving genetics for trouble-free calvings
- One of the better weight gainers for the youngster of the K bulls
- Target high quality MSA backed grassfed or grainfed beef market endpoints

Easy-calve



Jul 2016 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
+2.2	+3.6	-2.9	+3.5	+36	+58	+79	+56	+18
37%	29%	46%	70%	65%	65%	65%	58%	39%

FERTILITY		CARCASS						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RYB (%)	IMF (%)	Trial Docility
+0.5	-	+55	+4.2	+0.9	+1.1	+1.0	+1.1	-7
74%		53%	47%	52%	57%	50%	49%	47%

STRUCTURAL ASSESSMENT								Temp.	
								23-Jun-16	
6	7	6	7	6	5	3	34	2	

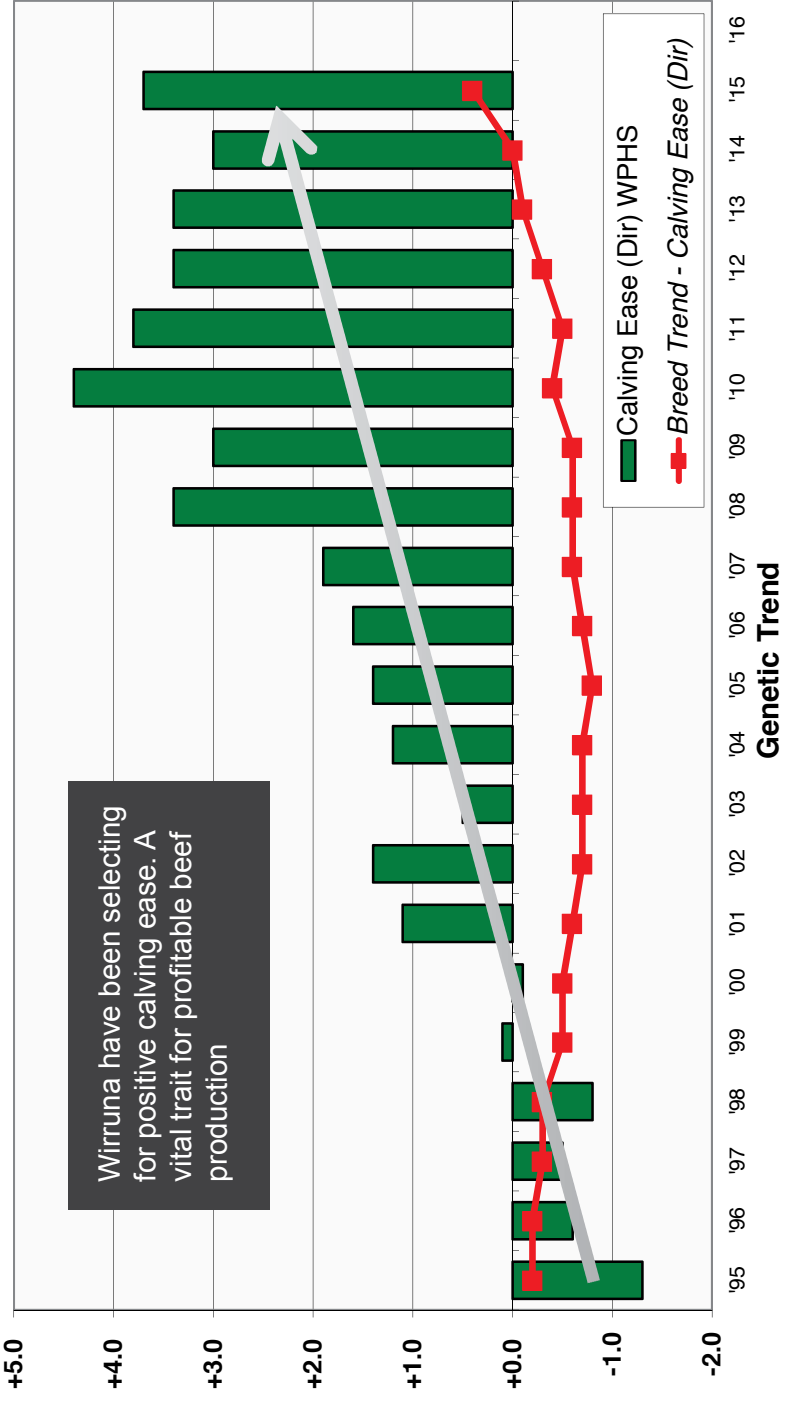
INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index	PP	<i>Mid</i>	C+		Eye Pigment
\$106	\$103	\$127	\$117	95%			3	50/40

Purchaser _____

Price _____

Calving Ease since 1995 Wirruna vs Overall Breed Average

Calving Ease (Direct) EBV





Pen No. 5 (Good Herd Bulls)

Birth Date: 31-Aug-14
 Society ID: WNAK392
 Horn/Scurs/Polli: P

- Well shaped bull showing good capacity
- Boost marbling in your herd with IMF% EBV rated in top 1% of breed
- Balanced EBV's across the board with no extremes, top 15% Grain Fed Index
- Excellent structure, near perfect scores for feet, legs & temperament

Easy-calve

VALMA JAMBOREE Y41
 ┌ VALMA MAGNUM II
 VALMA ADVANCER'S BANKSIA S86
 Sire: **WIRRUNA HARRY H196 (WNAH196)**
 HEATHERDALE OPIUM U78 (AI)
 ┌ WIRRUNA ROYAL FAITH C64
 WIRRUNA ROYAL FAITH A249

 IRONBARK 4-HOT SHOT M428
 ┌ WIRRUNA VICKERY (S)
 WIRRUNA LAST DAY S102
 Dam: **WIRRUNA VICTORIA G204 (WNAG204)**
 MOUNT DIFFICULT UNGAR (S)
 ┌ SOUTH BUKALONG VICTORIA 225
 SOUTH BUKALONG VICTORIA 199



Jul 2016 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
+1.3	+3.2	-1.0	+3.0	+28	+40	+56	+43	+17
39%	34%	55%	70%	65%	65%	64%	59%	45%

FERTILITY		CARCASS						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Trial Docility
+0.4	-2.5	+45	+3.9	+1.4	+1.8	-0.1	+1.7	-3
75%	38%	54%	49%	53%	57%	51%	50%	47%

STRUCTURAL ASSESSMENT								Temp.
								23-Jun-16
6	5	5	5	5	5	4	35	I

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index	<i>Ph</i>	<i>Mid</i>	C+		Eye Pigment
\$82	\$83	\$111	\$94	-			3	100/70

Purchaser _____

Price _____



Pen No. 5 (Good Herd Bulls)

Birth Date: 3-Sep-14
 Society ID: WNAK437
 Horn/Scurs/Poll: S

- Dark-coated and good-eyed bull
- Good early growth (top 25%) from a sensible BWT & CE genetic base
- Dam continues to do a good job, weaning quality calves
- SS, CWT and IMF% EBVs ranked in the top 20% of the breed

Easy-calve

VALMA JAMBOREE Y41
 ┌ VALMA MAGNUM II
 VALMA ADVANCER'S BANKSIA S86

Sire: **WIRRUNA HARRY H196 (WNAH196)**

HEATHERDALE OPIUM U78 (AI)
 ┌ WIRRUNA ROYAL FAITH C64
 WIRRUNA ROYAL FAITH A249

ALLENDALE NATIONAL W168
 ┌ WIRRUNA EXPLORER E188
 SOUTH BUKALONG VICTORIA 202

Dam: **WIRRUNA MADAM G342 (WNAG342)**

WIRRUNA VICKERY (S)
 ┌ WIRRUNA MADAM E61
 WIRRUNA MADAM C253



Jul 2016 GROUP BREEDPLAN EBV's

CALVING EASE				GROWTH & MATERNAL				
Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Weight	200-Day Growth	400-Day Weight	600-Day Weight	Mat Cow Weight	Genetic Milk
+0.6	+3.4	-2.3	+3.5	+33	+55	+73	+72	+15
37%	32%	51%	70%	64%	65%	64%	58%	44%

FERTILITY		CARCASE						Temp.
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Trial Docility
+2.2	-2.9	+53	+3.0	+0.2	+0.2	+0.5	+0.6	+5
75%	37%	53%	48%	52%	56%	50%	49%	47%

STRUCTURAL ASSESSMENT								Temp.	
								23-Jun-16	
6	6	6	6	6	5	4	38		2

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index					Eye Pigment
\$87	\$83	\$97	\$99	Ph	<i>Early</i>	C+		100/100
							4	

Purchaser _____

Price _____



Pen No. 5 (Good Herd Bulls)

Birth Date: 5-Sep-14
 Society ID: WNAK460
 Horn/Scurs/Poll: P

- Upstanding bull with dark-red coat
- Out of a WIRRUNA Matron (6 calves) inheriting important female fertility traits
- Large testicles linked to early puberty in heifers - top 5% SS EBV
- Displays good temperament and tight pizzelle

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

Sire: **WIRRUNA GIDLEY G205 (WNAG205)**
 ┌── QUAMBY PLAINS STOCKMASTER Y118
 WIRRUNA AMABEL C311
 WIRRUNA AMABEL W69

IRONBARK 4-HOT SHOT M428
 ┌── WIRRUNA VICKERY (S)
 WIRRUNA LAST DAY S102

Dam: **WIRRUNA DOREEN C65 (WNAC65)**
 ┌── WIRRUNA UNANIMUS
 WIRRUNA DOREEN Y98
 WIRRUNA DOREEN T21



Jul 2016 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	+4.5	-1.7	+5.6	+33	+46	+64	+44	+16
43%	37%	56%	73%	67%	67%	67%	61%	50%

FERTILITY		CARCASS						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Trial Docility
+3.1	-3.4	+35	+3.3	+0.6	+0.7	+1.5	-0.1	-3
76%	41%	56%	51%	55%	59%	53%	53%	52%

STRUCTURAL ASSESSMENT								Temp.
								23-Jun-16
6	6	6	6	5	5	4	40	I

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index					Eye Pigment
\$82	\$79	\$88	\$96	Ph 98%	Mid	C+	4	85/70

Purchaser _____

Price _____



Pen No. 5 (Good Herd Bulls)

Birth Date: 7-Sep-14
 Society ID: WNAK475
 Horn/Scurs/Poll: P

- Stands well with good head carriage
- Large testicles & strong fertility - SS & DtC EBVs in top 5% of breed
- Dam raised 7 calves at Wirruna showing good longevity traits
- \$Index values rank in the top 20% - An EBV for profit & balanced trait selection

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

Sire: **WIRRUNA GIDLEY G205 (WNAG205)**

QUAMBY PLAINS STOCKMASTER Y118
 ┌── WIRRUNA AMABEL C311
 WIRRUNA AMABEL W69

MOUNT DIFFICULT PARAMONT
 ┌── MOUNT DIFFICULT UNGAR (S)
 MOUNT DIFFICULT LAST DAY R121

Dam: **WIRRUNA LAST DAY B9 (WNAB9)**

WIRRUNA WALKER
 ┌── WIRRUNA LAST DAY Z121
 WIRRUNA LAST DAY W82



Jul 2016 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
+0.5	+1.9	-2.5	+4.6	+33	+50	+66	+59	+13
45%	39%	57%	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 (%)	Trial Docility
+3.2	-5.2	+41	+4.0	+0.7	+0.8	+1.0	+0.3	+1
77%	41%	57%	52%	56%	60%	54%	54%	54%

STRUCTURAL ASSESSMENT								Temp.	
								23-Jun-16	
7	6	6	6	5	6	4	42		2

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index	PP	<i>Mid</i>	C		Eye Pigment
\$92	\$89	\$103	\$108	98%			4	100/100

Purchaser _____

Price _____



Pen No. 5 (Good Herd Bulls)

Birth Date: 12-Sep-14
 Society ID: WNAK504
 Horn/Scurs/Poll: P

- Good female fertility & calving ease EBVs
- Large capacity body - rates in top 20% for muscle & top 10% for marbling
- Tight pizzle & large testicles for fertility - SS EBV in top 15%
- Easy doing ability for finishing on grass and female fertility - positive fat EBVs

Easy-calve

VALMA JAMBOREE Y41
 ┌ VALMA MAGNUM II
 VALMA ADVANCER'S BANKSIA S86

Sire: **WIRRUNA HARRY H196 (WNAH196)**

HEATHERDALE OPIUM U78 (AI)
 ┌ WIRRUNA ROYAL FAITH C64
 WIRRUNA ROYAL FAITH A249

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

Dam: **WIRRUNA CORA G67 (WNA67)**

MOUNT DIFFICULT FELLIS Y12 (AI)
 ┌ WIRRUNA CORA B38
 WIRRUNA CORA U68



Jul 2016 GROUP BREEDPLAN EBV's

CALVING EASE				GROWTH & MATERNAL				
Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Weight	200-Day Growth	400-Day Weight	600-Day Weight	Mat Cow Weight	Genetic Milk
+3.9	+5.0	-2.6	+1.5	+23	+40	+50	+44	+12
40%	35%	55%	70%	65%	65%	64%	59%	45%

FERTILITY		CARCASE						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Trial Docility
+2.5	-5.5	+36	+3.7	+1.1	+1.6	+0.4	+0.9	+1
75%	38%	55%	50%	54%	57%	52%	51%	48%

STRUCTURAL ASSESSMENT								Temp.
								23-Jun-16
7	6	5	4	4	5	5	40	2

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index	PP	<i>Mid</i>	C+		Eye Pigment
\$92	\$93	\$113	\$109	98%			4	100/100

Purchaser _____

Price _____



Pen No. 5 (Good Herd Bulls)

Birth Date: 13-Sep-14
 Society ID: WNAK505
 Horn/Scurs/Poll: P

- Well put together bull with tight sheath
- Twin calf out of a very fertile cow (8 calves-ave. calving interval = 366 days)
- Strong carcass quality traits with top 1% marbling & fat EBVs
- An earlier maturity bull with fat traits to soften progeny of larger framed cows

VALMA JAMBOREE Y41
 ┌ VALMA MAGNUM II
 VALMA ADVANCER'S BANKSIA S86

Sire: **WIRRUNA GEORGE G87 (WNAG87)**

WIRRUNA VICKERY (S)
 ┌ WIRRUNA GOLDEN VANITY Y5
 WIRRUNA GOLDEN VANITY T82

FELTONS 517 (IMP USA) (IMP)
 ┌ FELTONS ENDURANCE 745 (IMP)
 FF PROSPECTITA 997

Dam: **WIRRUNA GOLDEN VANITY B44 (WNAB44)**

SOUTH BUKALONG WAKEFIELD
 ┌ WIRRUNA GOLDEN VANITY Z86
 WIRRUNA GOLDEN VANITY Q61

Easy-calve



Jul 2016 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	-	-1.5	+2.3	+23	+38	+47	+35	+11
40%		57%	72%	66%	62%	64%	58%	51%

FERTILITY		CARCASS						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RYB (%)	IMF (%)	Trial Docility
+3.1	-4.5	+33	+2.6	+2.5	+2.9	-1.0	+1.7	+3
55%	36%	52%	43%	48%	51%	46%	48%	52%

STRUCTURAL ASSESSMENT								Temp.	
								23-Jun-16	
6	6	5	5	4	5	5	36	2	

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index					Eye Pigment
\$81	\$82	\$113	\$94	PP 98%	<i>Early</i>	C+		100/100
							3	

Purchaser _____

Price _____



Pen No. 9 (Young Bulls)

Birth Date: 27-Feb-15
 Society ID: WNAL1
 Horn/Scurs/Poll: P

- Out of season calf purchased (in utero) at Mount Difficult
- Has an excellent carcass - scans revealed high muscle & marbling traits
- Curve-bending growth - BWT EBV in lightest 40%, 200D & 400D EBV in heaviest 5%
- Top 5% \$Index values is a reflection of a well balanced set of traits

STUDBROOK D'ARTAGNION V086 (AI) (ET)

┌ OTAPAWA SPARK 3060 (IMP)

OTAPAWA SPOT P30

Sire: MOUNT DIFFICULT JARDIN J28 (MTTJ28)

MOUNT DIFFICULT JUMBO Y74 (AI)

┌ MOUNT DIFFICULT POETESS C197

MOUNT DIFFICULT POETESS

Easy-calve

MOUNT DIFFICULT FELLIS Y12 (AI)

┌ MOUNT DIFFICULT CATHCART

MOUNT DIFFICULT LORNA Z67

Dam: MOUNT DIFFICULT POETESS J135 (MTTJ135)

SOUTH BUKALONG WALLACE 2

┌ MOUNT DIFFICULT POETESS F063

MOUNT DIFFICULT POETESS C197



Jul 2016 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	-	-0.3	+3.8	+41	+65	+89	+73	+18
36%		47%	64%	59%	59%	58%	52%	42%

FERTILITY		CARCASS						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Trial Docility
+2.7	-	-	+4.8	+1.1	+1.3	+0.5	+1.7	-
66%		-	43%	47%	50%	45%	45%	

STRUCTURAL ASSESSMENT								Temp.
7	6	6	6	5	5	3	38	2

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index	Ph	Mid	C+		Eye Pigment
\$119	\$116	\$149	\$133	98%			4	100/100

Purchaser _____

Price _____



Pen No. 9 (Young Bulls)

Birth Date: 19-Mar-15
 Society ID: WNAL3
 Horn/Scurs/Poll: P

- Another Autumn born Mount Difficult calf
- Early growth EBVs in top 15% without compromising CE or BWT
- Early days of Trial Docility EBVs indicate good temperament in progeny
- I like his eye-hooding, tight sheath & soft cherry-red coat

'Star Lot'

WIRRUNA CALLAN C26
 ┌── MOUNT DIFFICULT FALCON F030
 MOUNT DIFFICULT PETAL A137
 Sire: MOUNT DIFFICULT JELlicoe J56 (MTTJ56)
 MOUNT DIFFICULT CADBURY
 ┌── MOUNT DIFFICULT TIGRESS E73
 MOUNT DIFFICULT TIGRESS C173

 KOANUI ROCKET 0219
 ┌── MOUNT DIFFICULT CADBURY
 MOUNT DIFFICULT MONIQUE V65
 Dam: MOUNT DIFFICULT LETITIA J27 (MTTJ27)
 MOUNT DIFFICULT BATMAN
 ┌── MOUNT DIFFICULT LETITIA
 MOUNT DIFFICULT LETITIA B81

Easy-calve



Jul 2016 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	+4.0	+36	+61	+85	+76	+13
		40%	66%	61%	60%	60%	54%	38%

FERTILITY		CARCASE						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Trial Docility
+3.1	-	-	+3.4	+0.8	+0.9	+0.9	+0.3	+15
68%		-	42%	47%	51%	45%	44%	37%

STRUCTURAL ASSESSMENT								Temp.	
								4-Jul-16	
6	6	6	6	6	5	5	37		2

INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index	PP	Mid	C+		Eye Pigment
\$113	\$108	\$122	\$126	98%			5	100/100

Purchaser _____

Price _____



FEMALE LOTS

Lot 55  **WIRRUNA CLARA K24 (AI)** **K024**

Pen No. 6 (PTIC Breeders)

Birth Date: 7-Aug-14
 Society ID: WNAK24
 Horn/Scurs/Poll: P

- Phenotype + Performance - one of the pick females
- I like her carcase & easy doing ability - top 1% Carcase wgt, EMA, IMF% & fats
- Achieved best ADWG in heifer group - top 5% ranking for 200D growth
- Ideally trait balanced as reflected by her top end \$Index values (top 1%)
'Star Lot'

ALLENDALE MUSKETEER (AI) (S)
 STUDBROOK D'ARTAGNION V086 (AI) (ET)
 BOWEN TRICEL P180

Sire: **OTAPAWA SPARK 3060 (IMP) (OTA033060NZHB)**
 MONYMUSK DISCOVERY L34 (IMP)
 OTAPAWA SPOT P30
 OTAPAWA SPOT L44

ALLENDALE NATIONAL W168
 WIRRUNA DAVE D101
 WIRRUNA TIGRESS A27

Dam: **WIRRUNA CLARA G236 (WNAG236)**
 MOUNT DIFFICULT FELLIS Y12 (AI)
 PINE HILL CLARA B585
 PINE HILL CLARA V90

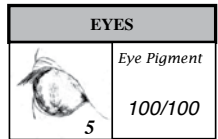


Jul 2016 GROUP BREEDPLAN EBV's

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
+1.9	+3.0	-4.8	+3.7	+41	+63	+89	+81	+17
52%	48%	75%	74%	70%	71%	73%	68%	59%

FERTILITY		CARCASE						Trial Docility
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	
+2.6	-5.4	+72	+5.9	+1.8	+2.7	+0.2	+2.1	+7
57%	43%	63%	55%	62%	66%	59%	61%	54%

\$INDEX VALUE			
Supermarket	Grass Fed	Grain Fed	EU Index
\$131	\$129	\$167	\$147



JOINING SIRE: Wirruna Katnook K74

Est. Calving Date: 12-Mar-17

Purchaser _____ Price _____

FEMALE LOTS

Lot 56  **MOUNT DIFFICULT MILLIE K83** **K083MTT**

Pen No. 6 (PTIC Breeders)

Birth Date: 25-Mar-14
 Society ID: MTTK83
 Horn/Scurs/Poll: P

- Mount Difficult female purchased in their 2015 dispersal
- Well-grown and easy doing - top 20% for 200 day growth & positive fat
- In calf to Katnook K74 - my pick of all Wirruna K sires
- Profitable mix of EBVs reflected by the top 10% ranking for 3 of 4 \$Indices

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

Sire: **MOUNT DIFFICULT HACKETT H16 (MTTH16)**
 MOUNT DIFFICULT CADBURY
 MOUNT DIFFICULT HARMONY E121
 MOUNT DIFFICULT HARMONY C79

MOUNT DIFFICULT EXARCH (AI)
 MOUNT DIFFICULT DENIZEN D190
 MOUNT DIFFICULT HEROINE A103

Dam: **MOUNT DIFFICULT MILLIE H103 (MTTH103)**
 FELTONS JUMBO 112 (IMP)
 MOUNT DIFFICULT MILLIE Z95
 MOUNT DIFFICULT MILLIE U7




Jul 2016 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	+3.9	-1.7	+3.7	+34	+52	+77	+69	+14
37%	30%	48%	72%	65%	66%	69%	62%	41%

FERTILITY		CARCASE						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Trial Docility
-	-	+52	+2.6	+0.6	+0.8	+0.6	-0.3	+11
		55%	44%	54%	58%	50%	51%	36%

INDEX VALUE			
Supermarket	Grass Fed	Grain Fed	EU Index
\$103	\$98	\$103	\$116

EYES	
	Eye Pigment
3	100/100

JOINING SIRE: Wirruna Katnook K74

Est. Calving Date: 25-Feb-17

Purchaser _____ Price _____

**FEMALE
LOTS**

Lot 57  **CO-OP5 RITA K157 (AI)** **K157**

Pen No. 6 (PTIC Breeders)

Birth Date: 15-Aug-14
 Society ID: YEEK157
 Horn/Scurs/Poll: P

- Easy-doing and fine-coated Guru daughter
- Docile & growthy - Growth traits rank in the breed's top 20%
- Combines good muscle & marbling contributing to top 10% \$Indices
- A HAL progeny test heifer out of same Dam as high selling J18 in Autumn 2015
Not Registered

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)

BRAXTON GIANT THUNDER S138 (IMP NZL)

┌ BOWEN TORNADO Z260
 BOWEN TRICEL P180

Dam: CO-OP5 RITA G37 (YEEG37)

WIRRUNA VICKERY (S)

┌ WIRRUNA RITA D94
 WIRRUNA RITA A87

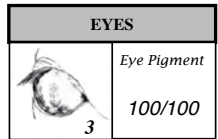


Jul 2016 GROUP BREEDPLAN EBV's

CALVING EASE				GROWTH & MATERNAL				
Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Weight	200-Day Growth	400-Day Weight	600-Day Weight	Mat Cow Weight	Genetic Milk
-0.6	+1.3	-0.3	+5.1	+35	+56	+84	+65	+16
42%	34%	76%	74%	69%	70%	72%	65%	43%

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	-3.1	+51	+4.5	+0.5	+0.9	+1.1	+0.6	+11
56%	35%	62%	53%	60%	64%	55%	60%	51%

INDEX VALUE			
Supermarket	Grass Fed	Grain Fed	EU Index
\$101	\$97	\$115	\$112



JOINING SIRE: Wirruna Katnook K74

Est. Calving Date: 12-Mar-17

Purchaser _____ Price _____

Lot 58  **WIRRUNA PENELOPE K172 (AI) (TW)** **K172**

Pen No. 6 (PTIC Breeders)

Birth Date: 16-Aug-14
 Society ID: WNAK172
 Horn/Scurs/Poll: D

- This heifer offers feminity and calving ease traits
- Strong milk & carcass attributes - top 10% Milk & Marbling, top 20% EMA
- High scrotal size EBV in top 5% - linked to earlier puberty in heifers
- Exciting joining to homozygous polled high \$Index sire Kalimna K326

Dehorned

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)

 └─── KOANUI ROCKET 0219

┌─── WIRRUNA CALLAN C26

 └─── WIRRUNA GOLDEN VANITY A78

Dam: WIRRUNA PENELOPE E230 (WNAE230)

┌─── WIRRUNA ALFA

 └─── WIRRUNA PENELOPE C237 (H)

 └─── WIRRUNA PENELOPE Z88




Jul 2016 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
+3.5	+3.7	-1.0	+3.3	+31	+53	+76	+70	+19
46%	38%	58%	74%	69%	70%	72%	66%	56%

FERTILITY		CARCASS						Trial Docility
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	
+3.4	-2.4	+48	+3.9	+0.5	+0.6	+1.0	+1.0	+4
57%	40%	62%	54%	59%	65%	56%	60%	54%

INDEX VALUE			
Supermarket	Grass Fed	Grain Fed	EU Index
\$102	\$99	\$120	\$116

EYES	
	Eye Pigment
4	100/100

JOINING SIRE: Wirruna Kalimna K326

Est. Calving Date: 25-Feb-17

Purchaser _____ Price _____

FEMALE LOTS

Lot 59  **WIRRUNA AMABEL K271 (AI)** **K271**

Pen No. 6 (PTIC Breeders)

Birth Date: 23-Aug-14
 Society ID: WNAK271
 Horn/Scurs/Pol: P

- Lovely shaped Holy Smoke daughter
- Scan revealed high level eye muscle - top 5% EMA & top 15% IMF%
- Strong early growth traits, while maintaining below breed average birth weight
- Exhibits excellent temperament - trial docility EBV in top 10%

YARRAM HOT SHOT P028 (AI) (H)
 ┌ CAPETHORNE HOT SHOT 03 22
 CAPETHORNE AMETHYST U21
 Sire: **MATARIKI HOLY-SMOKE (OSA281070390NZHB)**
 KOANUI BULL'S-EYE R60
 ┌ MATARIKI GIRLIE 00323
 MATARIKI GIRLIE 3

SOUTH BUKALONG WALKER 6
 ┌ SOUTH BUKALONG WALLACE 2
 SOUTH BUKALONG VICTORIA 152
 Dam: **WIRRUNA AMABEL F133 (H) (WNAF133)**
 WIRRUNA ABSTRACT
 ┌ WIRRUNA AMABEL D333
 WIRRUNA AMABEL Z140




Jul 2016 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
-2.7	+2.4	+0.4	+4.3	+39	+59	+78	+46	+12
52%	47%	76%	74%	70%	71%	73%	68%	58%

FERTILITY		CARCASE						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Trial Docility
+1.8	-3.4	+57	+5.2	+0.7	+1.1	+1.6	+0.7	+13
58%	40%	62%	53%	60%	65%	57%	60%	55%

INDEX VALUE			
Supermarket	Grass Fed	Grain Fed	EU Index
\$103	\$100	\$122	\$116

EYES	
	Eye Pigment 100/100

JOINING SIRE: Wirruna Kalimna K326

Est. Calving Date: 02-Mar-17

Purchaser _____ Price _____

Lot 60  **WIRRUNA DOREEN K274** **K274**

Pen No. 6 (PTIC Breeders)

Birth Date: 24-Aug-14
 Society ID: WNAK274
 Horn/Scurs/Poll: P

- Deep bodied & easy doing Hartwig heifer
- Highest scan for marbling (top 1% IMF%) & fat traits (top 5% Rib & Rump)
- Was born light and carries strong calving ease genetics
- Ranked no.3 for IMF% EBV for all 2014 born Herefords boosts Grainfed \$Index

ALLEDALE NATIONAL W168

┌ WIRRUNA EXPLORER E188
SOUTH BUKALONG VICTORIA 202

Sire: WIRRUNA HARTWIG H297 (WNAH297)

┌ WIRRUNA MIDGE A51
WIRRUNA MIDGE Q126

SOUTH BUKALONG WALLACE 2

┌ WIRRUNA FIFIELD F184
MOUNT DIFFICULT LORNA B101

Dam: WIRRUNA DOREEN H272 (WNAH272)

┌ MARKOWEN INTRUDER
 WIRRUNA DOREEN E105
WIRRUNA DOREEN A37

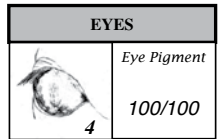


Jul 2016 GROUP BREEDPLAN EBV's

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	+3.7	-2.2	+0.1	+22	+49	+59	+49	+10
37%	31%	53%	73%	67%	67%	70%	61%	40%

FERTILITY		CARCASE						Trial Docility
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	
+2.0	-	+48	+4.5	+1.8	+2.5	-0.8	+2.7	+13
51%		56%	46%	55%	60%	52%	53%	48%

INDEX VALUE			
Supermarket	Grass Fed	Grain Fed	EU Index
\$106	\$109	\$154	\$122



JOINING SIRE: Wirruna Katnook K74

Est. Calving Date: 12-Mar-17

Purchaser _____ Price _____

**FEMALE
LOTS**

Lot 61  **WIRRUNA PETAL K289** **K289**

Pen No. 6 (PTIC Breeders)

Birth Date: 25-Aug-14
Society ID: WNAK289
Horn/Scurs/Poll: P

- Geelong female with good depth & width
- Carries low birthweight and good calving ease genetics
- Grassfed, Grainfed & EU \$Indices in top 10% of breed
- High EMA should compliment joining to Kalimna K326 for an exciting 2017 calf

MOUNT DIFFICULT FELLIS Y12 (AI)

┌──────────┐ *WIRRUNA DAFFY D1*

MOUNT DIFFICULT LAST DAY A205

Sire: WIRRUNA GEELONG G171 (WNAG171)

┌──────────┐ *WIRRUNA VICKERY (S)*

┌──────────┐ *WIRRUNA LAST DAY E163*

MOUNT DIFFICULT LAST DAY C31

NOOKEN VALERIAN 2

┌──────────┐ *QUAMBY PLAINS STOCKMASTER Y118*

QUAMBY PLAINS MAGPIE W9

Dam: WIRRUNA PETAL F291 (WNAF291)

┌──────────┐ *SOUTH BUKALONG DYNAMO 14*

┌──────────┐ *SOUTH BUKALONG PETAL 88*

SOUTH BUKALONG PETAL 79




Jul 2016 GROUP BREEDPLAN EBV's

CALVING EASE				GROWTH & MATERNAL				
Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Weight	200-Day Growth	400-Day Weight	600-Day Weight	Mat Cow Weight	Genetic Milk
+3.3	+2.3	+0.3	+3.0	+31	+50	+66	+57	+8
42%	36%	55%	74%	69%	70%	72%	65%	48%

FERTILITY		CARCASE						Trial Docility
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	
+2.6	-4.4	+53	+4.8	+0.8	+0.2	+1.3	+0.9	+2
56%	39%	62%	53%	61%	65%	56%	60%	53%

INDEX VALUE			
Supermarket	Grass Fed	Grain Fed	EU Index
\$99	\$98	\$121	\$118

EYES	
	Eye Pigment
4	100/100

JOINING SIRE: Wirruna Kalimna K326

Est. Calving Date: 02-Mar-17

Purchaser _____ Price _____

**FEMALE
LOTS**

Lot 63  **WIRRUNA CLARA K356 (ET)** **K356**

Pen No. 6 (PTIC Breeders)

Birth Date: 29-Aug-14
Society ID: WNAK356
Horn/Scurs/Pol: P

- Easy-doing heifer with long body
- Dam is a donor cow with 20 progeny in Aust & 9 progeny in the UK
- Very good carcase traits - top 5% EMA, top 10% beef yield top 15% marbling
- I look forward to hearing of her March calf by high \$Index bull, Kalimna K326

MOUNT DIFFICULT FELLIS Y12 (AI)

┌ WIRRUNA DAFFY D1

MOUNT DIFFICULT LAST DAY A205

Sire: **WIRRUNA GEELONG G171 (WNAG171)**

┌ WIRRUNA VICKERY (S)

└ WIRRUNA LAST DAY E163

MOUNT DIFFICULT LAST DAY C31

┌ PINE HILL CROSSFIRE C558

KOANUI ROCKET 0219

└ PINE HILL GHOST MAPLE W16

Dam: **PINE HILL CLARA E693 (WKHE693)**

┌ PINE HILL CLARA B585

MOUNT DIFFICULT FELLIS Y12 (AI)

└ PINE HILL CLARA V90

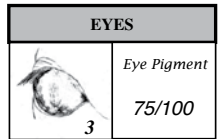


Jul 2016 GROUP BREEDPLAN EBV's

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
+4.8	+3.8	+0.1	+3.3	+27	+39	+53	+38	+12
44%	37%	57%	76%	71%	71%	73%	65%	49%

FERTILITY		CARCASE						Trial Docility
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	
+2.3	-4.5	+45	+5.5	+1.2	+1.0	+1.6	+0.7	-2
58%	39%	63%	54%	61%	65%	56%	61%	58%

INDEX VALUE			
Supermarket	Grass Fed	Grain Fed	EU Index
\$95	\$95	\$116	\$114



JOINING SIRE: Wirruna Kalimna K326

Est. Calving Date: 02-Mar-17

Purchaser _____ Price _____

FEMALE LOTS

Lot 64  **WIRRUNA PENELOPE K381** **K381**

Pen No. 6 (PTIC Breeders)

Birth Date: 30-Aug-14
 Society ID: WNAK381
 Horn/Scurs/Poll: P

- Hernando female with good neck extention
- A really balanced EBV profile gives strong \$Indices (Grained top 5%)
- Carries fertility traits - Scrotal Size EBV linked to early puberty
- Her docile nature is a feature - Trial Docility EBV in top 10%

ARDO HUSTLER 4110 (IMP)

┌ ELITE 4110 E212
 SOUTH BUKALONG WINIFRED 54

Sire: WIRRUNA HERNANDO H47 (WNAH47)

┌ WIRRUNA VICTORIA F203
 SOUTH BUKALONG VICTORIA 168

ALLENDALE NATIONAL W168

┌ WIRRUNA EXPLORER E188
 SOUTH BUKALONG VICTORIA 202

Dam: WIRRUNA PENELOPE H345 (WNAH345)

┌ MOUNT DIFFICULT FELLIS Y12 (AI)
 WIRRUNA PENELOPE A79
 WIRRUNA PENELOPE Y221

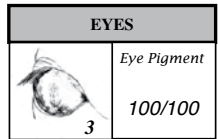


Jul 2016 GROUP BREEDPLAN EBV's

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	+2.3	-2.4	+1.9	+32	+53	+69	+61	+11
43%	34%	55%	74%	68%	68%	70%	63%	43%

FERTILITY		CARCASE						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Trial Docility
+3.2	-	+56	+4.7	+0.8	+1.0	+0.5	+1.3	+12
52%		57%	46%	55%	60%	52%	53%	54%

INDEX VALUE			
Supermarket	Grass Fed	Grain Fed	EU Index
\$104	\$103	\$130	\$120



JOINING SIRE: Wirruna Katnook K74

Est. Calving Date: 02-Mar-17

Purchaser _____ Price _____

FEMALE LOTS

Lot 65  **WIRRUNA GOLDEN VANITY K488** **K488**

Pen No. 6 (PTIC Breeders)

Birth Date: 9-Sep-14
 Society ID: WNAK488
 Horn/Scurs/Poll: P

- Attractive & well grown heifer by Hot Stuff
- High measurements for muscle, fats & marbling at scanning - high carcass EBVs
- Curve bending growth (top 5%) from good calving ease genetics
- I like her femininity, wedge-shaped body & carcass attributes

'Star Lot'

SOUTH BUKALONG WALLACE 2
 WIRRUNA FORT F382
 MOUNT DIFFICULT LORNA B123

Sire: **WIRRUNA HOT STUFF H356 (WNAH356)**
 ALLENDALE NATIONAL W168
 WIRRUNA GOLDEN VANITY F378
 WIRRUNA GOLDEN VANITY A99

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

Dam: **WIRRUNA GOLDEN VANITY G437 (WNAG437)**
 KOANUI ROCKET 0219
 WIRRUNA GOLDEN VANITY D50
 WIRRUNA GOLDEN VANITY Z77




Jul 2016 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
+2.2	+4.0	-2.5	+2.8	+30	+56	+73	+50	+16
40%	32%	52%	73%	68%	67%	70%	62%	41%

FERTILITY		CARCASS						Trial Docility
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	
+1.6	-3.1	+52	+5.9	+1.6	+2.4	+1.3	+1.5	+8
50%	35%	56%	45%	55%	60%	51%	52%	53%

INDEX VALUE			
Supermarket	Grass Fed	Grain Fed	EU Index
\$114	\$114	\$144	\$128

EYES	
	Eye Pigment
4	100/100

JOINING SIRE: Wirruna Katnook K74

Est. Calving Date: 12-Mar-17

Purchaser _____ Price _____

FEMALE LOTS

Lot 66  **WIRRUNA GOLDEN VANITY K493** **K493**

Pen No. 6 (PTIC Breeders)

Birth Date: 11-Sep-14
 Society ID: WNAK493
 Horn/Scurs/Poll: P

- Well-grown heifer showing extra thickness
- Displays good natural growth (top 5 % 200D & 400D EBVs) and docility
- Strong muscle (EMA top 5%) & yield (RBY top 10%) to improve carcase
- Kalimna joining will produce something really good on paper & in the paddock

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

Sire: **WIRRUNA GIDLEY G205 (WNA G205)**
 QUAMBY PLAINS STOCKMASTER Y118
 WIRRUNA AMABEL C311
 WIRRUNA AMABEL W69

GH DIFFERENCE BRITISHER 45L
 GH NEON 17N (H)
 GH SIR SIMBA LASS 107K

Dam: **WIRRUNA GOLDEN VANITY E143 (WNA E143)**
 MOUNT DIFFICULT UNGAR (S)
 WIRRUNA GOLDEN VANITY A215
 WIRRUNA GOLDEN VANITY S149

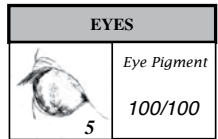


Jul 2016 GROUP BREEDPLAN EBV's

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
-2.6	+2.2	-0.8	+6.5	+42	+64	+89	+76	+14
43%	37%	55%	73%	68%	68%	71%	64%	50%

FERTILITY		CARCASE						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBY (%)	IMF (%)	Trial Docility
+2.2	-3.3	+57	+5.0	+0.3	+0.3	+1.7	+0.4	-1
54%	40%	58%	49%	57%	62%	54%	56%	52%

INDEX VALUE			
Supermarket	Grass Fed	Grain Fed	EU Index
\$102	\$96	\$112	\$115



JOINING SIRE: Wirruna Kalimna K326

Est. Calving Date: 02-Mar-17

Purchaser _____ Price _____

FEMALE LOTS

Lot 67  **WIRRUNA MADAM K508** **K508**

Pen No. 6 (PTIC Breeders)

Birth Date: 13-Sep-14
 Society ID: WNAK508
 Horn/Scurs/Poll: P

- Geelong heifer showing good length and stature
- Curve bending EBV profile with moderate BW and top 15% 200D growth
- Well fleshed - EMA & IMF% in top 20% of breed
- The EBV for profit are \$Index values - here they rank in the breed's top 5%

MOUNT DIFFICULT FELLIS Y12 (AI)

┌ WIRRUNA DAFFY D1

MOUNT DIFFICULT LAST DAY A205

Sire: **WIRRUNA GEELONG G171 (WNAG171)**

┌ WIRRUNA VICKERY (S)

└ WIRRUNA LAST DAY E163

MOUNT DIFFICULT LAST DAY C31

┌ SOUTH BUKALONG WALKER 6

└ SOUTH BUKALONG WALLACE 2

SOUTH BUKALONG VICTORIA 152

Dam: **WIRRUNA MADAM F200 (WNAF200)**

┌ ELITE J7C X54 (AI)

└ WIRRUNA MADAM A10

WIRRUNA MADAM S207




Jul 2016 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	+4.3	-1.4	+3.0	+35	+52	+72	+51	+14
44%	38%	58%	74%	69%	69%	72%	65%	47%

FERTILITY		CARCASE						
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Trial Docility
+2.7	-3.8	+55	+4.1	+0.5	+0.1	+1.4	+0.6	-4
55%	40%	62%	54%	61%	65%	56%	60%	55%

INDEX VALUE			
Supermarket	Grass Fed	Grain Fed	EU Index
\$107	\$104	\$125	\$123

EYES	
	Eye Pigment
3	100/90

JOINING SIRE: Wirruna Kalimna K326

Est. Calving Date: 17-Mar-17

Purchaser _____ Price _____

Lot 68  **WIRRUNA JANICE K524** **K524**

Pen No. 6 (PTIC Breeders)

Birth Date: 16-Sep-14
 Society ID: WNAK524
 Horn/Scurs/Poll: P

- A feminine heifer to boost carcase
- Thick body containing meat quality traits - top 1% EMA & top 5% IMF
- Offers good calving ease, scrotal size and positive fat for female fertility
- Joining to Kalimna will further enhance her carcase traits & profit potential

SOUTH BUKALONG WALLACE 2
 WIRRUNA FORT F382
 MOUNT DIFFICULT LORNA B123

Sire: **WIRRUNA HOT STUFF H356 (WNAH356)**
 ALLENDALE NATIONAL W168
 WIRRUNA GOLDEN VANITY F378
 WIRRUNA GOLDEN VANITY A99

MOUNT DIFFICULT FELLIS Y12 (AI)
 WIRRUNA DAFFY D1
 MOUNT DIFFICULT LAST DAY A205

Dam: **WIRRUNA JANICE G441 (WNAG441)**
 HEATHERDALE OPIUM U78 (AI)
 WIRRUNA JANICE C27
 WIRRUNA JANICE A185

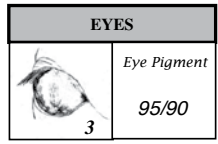


Jul 2016 GROUP BREEDPLAN EBV's

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	+2.5	-1.9	+2.5	+29	+47	+55	+29	+10
43%	36%	55%	74%	69%	68%	71%	63%	43%

FERTILITY		CARCASE						Trial Docility
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	
+2.3	-3.1	+47	+6.8	+1.3	+1.8	+1.6	+1.4	+7
52%	38%	58%	47%	56%	61%	53%	54%	54%

INDEX VALUE			
Supermarket	Grass Fed	Grain Fed	EU Index
\$100	\$102	\$132	\$118



JOINING SIRE: Wirruna Kalimna K326

Est. Calving Date: 25-Feb-17

Purchaser _____ Price _____

Sire6  **WIRRUNA KALIMNA K326** **K326**

Joining Sire

- Number 1 2014 born bull for Grainfed \$Index - top 1% \$Indices
- HAL Progeny Test Sire selected for exceptional balance of EBVs
- Consider his curve-bending growth, marbling & muscling attributes
- Very sound and achieved excellent weight/day of age performance

Sire: **WIRRUNA HARTWIG H297 (WNAH297)**
 WIRRUNA EXPLORER E188
 WIRRUNA MIDGE A51



Dam: **WIRRUNA CORA H303 (WNAH303)**
 ARDO HUSTLER 4110 (IMP)
 WIRRUNA CORA D9



Jul 2016 GROUP BREEDPLAN EBV's

CALVING EASE				GROWTH & MATERNAL				
Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Weight	200-Day Growth	400-Day Weight	600-Day Weight	Mat Cow Weight	Genetic Milk
+3.7	+4.9	-3.2	+1.6	+34	+69	+94	+83	+14

FERTILITY		CARCASE							
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Trial Docility	
+3.6	-4.6	+74	+6.0	+1.6	+2.2	+0.5	+2.3	+8	

\$INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index					Eye Pigment
\$142	\$141	\$183	\$159	PP 98%	<i>Mid</i>	C+		100/100

Sire3  **WIRRUNA KATNOOK K74 (AI)** **K074**

Joining Sire

- Exceptional sire for the breed - top of the drop Fletcher son
- Selected as a HAL BIN progeny test sire - utilize to build linkage
- Outstanding balance of CE, growth, carcass and fertility traits + phenotype
- High performing Dam, chalking up two Wirruna sires in first two calves

Sire: **WIRRUNA FLETCHER F214 (WNAF214)**
 QUAMBY PLAINS STOCKMASTER Y118
 WIRRUNA LAST DAY B16 (H)



Dam: **WIRRUNA VICTORIA G7 (WNA G7)**
 WIRRUNA DAFFY D1
 WIRRUNA VICTORIA E112



Jul 2016 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
+2.3	+1.7	-5.0	+4.6	+45	+72	+97	+83	+11

FERTILITY		CARCASE							
Scrotal Size (cm)	Days to Calving	Carc Weight	EMA (sq cm)	Rib Fat (mm)	Rump Fat (mm)	RBV (%)	IMF (%)	Trial Docility	
+3.7	-4.3	+76	+7.1	+0.4	-0.5	+2.2	+1.7	+8	

\$INDEX VALUE				Polled Gene	Maturity	Mus Score	EYES	
Supermarket	Grass Fed	Grain Fed	EU Index					Eye Pigment
\$134	\$130	\$170	\$156	Ph 98%	<i>Mid</i>	C+		100/100

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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."



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RAB002415-5/14A

BUYER'S INSTRUCTION SLIP

Name of Buyer:.....

PIC No. _____

Address:

.....

.....

Telephone:

Facsimile:

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"

Autumn Bull Sale

WEDNESDAY, 8TH MARCH, 2017

NOTES