

# RICHMOND

## MERINOS

Flock No. 5021  
Stud Classer: Charlie Massy

### 2020 ON PROPERTY SALE

110 RAMS - HORN AND POLL

AUGUST 2019 DROP

1:30PM TUESDAY 29th SEPTEMBER

INSPECT FROM 10:00AM

Interfaced with

 AuctionsPlus

*Buy and Sell stock nationally*

## **SELLING AGENTS: ELDERS YOUNG**

**CONTACTS:** Aaron Seaman 0488 915 315  
Nick McNamara 0419 643 941

**REBATE:** 2% to outside agents provided they are introduced prior to the sale and settle within 7 days.

**WOOL TESTS:** All wool tests courtesy of New England Fibre Testing. Rams tested with 5 months wool on the 17th of August. This information should be used as a guide only and Richmond accepts no responsibility for their accuracy.

**ASBV's:** ASBV figures are calculated under the national recording system Sheep Genetics . ASBV figures are continually changing as new data is entered in the system and the figures in the sale catalogue may differ slightly to those presented on sale day.

**SHEARING:** Rams shorn on April 3rd 2020

**DELIVERY:** Collection of rams on sale day is preferred. Delivery at a later date can be arranged although no responsibility will be taken for death or injury of rams left on the property. It is recommended that rams are insured on the day.

### **Stud History**

The “Richmond” flock was founded in 1994 with the purchase of pure Severn Park blood ewes and rams. In 2001 on the advice of our sheep classer Charlie Massy. We decided to create a nucleus ewe flock and implement a laproscopic insemination program to breed replacement rams. In 2004 we were accepted by Dr Jim Watts as a participating stud within his breeding group and throughout this time we worked closely with Dr watts learning and understanding the biological drivers of fibre production and developing a unique multi purpose futuristic merino type with advanced fertility and carcass traits, a “new wool fibre” and skin type that allows and embraces a non mulesed and sustainable future.

Over time we have developed the stud to approximately 650 ewes. Since the studs inception genetics have predominately come from Severn Park in the form of semen, rams and stud ewes. The bloodline has proved to be very successful and suitable within our environment. In June 2008 we expanded our stud numbers by purchasing 122 in-lamb stud ewes at the Severn Park dispersal sale. In recent years judicious introduction of outside genetics from a number of bloodlines have been infused to help create the current Richmond phenotype.

## **The Richmond Phenotype**

The sheep we aim to breed is a balanced dual purpose animal compatible with an increasing environmentally conscious consumer base without compromising productivity.

There are five components that control our selection procedure and steer us towards this vision:

**1. Skin structure** - The sheep must be plain bodied with no visible wrinkle evident possessing a skin that is loose and supple. The skin is the engine room of fibre production and if the follicle structure is correct the animal will produce large quantities of fine micron, superior processing fibres.

**2. Fibre** - The wool must be silky soft, highly aligned, deeply crimped and forming small fibre bundles as opposed to traditional thick staples. It should be white and free of suint, evenly but not over nourished and very long.

**3 Growth** - We select for rapid early weight gain but not necessarily extreme adult weights. We want lambs that mature early and meet specific markets. They must be well muscled but not too lean, with good fat cover. It is our policy to only use sires with high ASBV's for these traits.

**4. Fertility** - We consider fertility to be a major profit driver under current market conditions. High lambing percentages enable self replacing flocks to place more selection pressure on their breeding flock resulting in greater genetic gain. At Richmond, all dry ewes are culled and a strong emphasis is placed on twinning. This has resulted in stud ewes regularly weaning 120% lambs on joining numbers.

**5. Conformation** - It goes without saying that all our sheep must be structurally correct and this is the first thing we look at in the classing race. We also like our sheep to have long bodies, good neck extension with a triple wedge body shape and good ground clearance.

## **MARKET TRENDS - PRESENT AND FUTURE**

There are three market trends that drive our breeding direction. All three have gradually gained momentum across a world wide consumer base and we feel they will become increasingly important as we look towards our vision of the future merino.

**1. Elite Fibre Production** - In the 1950's everyone wore wool and there were very few options available particularly for heavy garments. Everything from overcoats to underwear was made of wool and there was a strong market for all grades and styles. In the 1980's the industry was supported by the reserve price scheme creating a false market and encouraging the production of large quantities of inferior quality product. Today we are faced with strong competition from artificial fibres in a world of centrally heated homes and office buildings and we must adapt to this new environment. Our future fibre must be of the highest quality able to be worn next to the skin and marketed as an elite and unique product. We believe that we shouldn't isolate ourselves from future markets by slipping into the trap of growing coarse , poor handling, inferior wools simply in order to fill more bales.

**2. Meat Production** - This is an obvious one and it is here to stay. We believe the merino of the future must be a dual purpose animal and we feel well situated to take advantage of this situation. Our ongoing selection policy for carcase traits , combined with judicious and careful introductions of outside genetics from industry leading sires is paying dividends and have placed us in a great position to take advantage of what seems to be a permanent market trend.

**3. Eco-Friendly Production - Non-Mulesing.** This is an important market trend that large sections of the industry have been turning a blind eye to for some years. It has gradually been creeping up on us and is fast becoming a world wide movement. To remain productive we must move with these market forces rather than fight against them. The Richmond phenotype allows us to produce a clean green product with limited chemical use and ethical animal husbandry.

Our white waterproof wools grown on wrinkle free bodies have enabled us to cease jetting for body strike (we have not jetted adult sheep for 19 years) and our plain wrinkle free breeches have allowed us to stop mulesing, eliminating the process 14 years ago. Throughout this time and despite much industry scepticism our production levels have actually increased.

## HEALTH STATUS

- All sheep are vaccinated with Gudair vaccine despite there being no record of OJD on Richmond or on any neighboring properties.
- Richmond is a brucellosis free accredited flock.
- There has been no record of footrot in the flocks history.
- Annual fecal egg count tests reveal low egg levels and no sign of worm resistance.
- All animals are vaccinated twice with 6-in-1 and sale rams receive a booster vaccination prior to sale.
- All sale rams were drenched with Trifecta on September 15th

## EXPLANATION OF WOOL TERMS

FD - Fibre Diameter

SD - Standard Deviation - The measure in micron of the spread of fibres.  
The lower the better.

CV% - Co-efficient of Variation - the standard deviation expressed as a percentage, the lower the better. When comparing rams of the same micron, a lower CV% usually means higher quality wool.

CF% - Comfort Factor. Percentage of fibres less than 30 micron, the higher the better. The general rule is that less than 95% comfort factor may cause prickle when worn next to the skin.

## NOTES ON WOOL TESTS

Richmond use OFDA fibre measurements as it gives a more accurate reading of higher quality wools being superior to laser scan at picking up ultra fine fibres below 9 micron. This also however has a negative effect on SD and CV% and will give a higher reading for these tests than laser scan simply because it has the ability to pick up a wider range of fibres. **Beware of sheep with low SD and CV% readings that have been shedded or fed specifically for sale or show preparation as these feeding regimes will often give the animal artificially low readings.** Richmonds breeding values for fibre distribution ( SD and CV% ) place them in the top 15% of all animals tested across the industry.

## **FEEDING**

All sheep on Richmond are run under commercial conditions providing only limited supplementary feed. Our stud sheep graze the same country as our flock sheep and we are not interested in any form of artificial feeding or show ring activity.

No rams are shedded and will be run straight in from the paddock on sale day. It is and will continue to be our policy to concentrate 100% of our time and money towards improving genetics. Overfed rams with false growth rates are of no benefit to our clients. For this reason we strongly recommend the use of ASBV's for growth and carcass traits.

Richmond rams are genetically wired to breed sheep with growth and constitution.

## **FEEDING HISTORY OF 2020 SALE RAMS.**

- The entire drop of rams have been paddock run in one mob from weaning through to sale day
- No animals have been segregated or given special attention at any stage. This enables all young rams to be accurately compared against their peers at all stages of data collection.
- Following shearing in early April rams have been trail fed barley 2 to 3 times per week at approximately 1500 grams/hd/week as a supplement to their pasture.
- Canola hay has been provided in the paddock to assist in supplying roughage and fibre.
- No rams have been inside a shed at any time of their life other than when they were shorn.

## **ASBV's**

ASBV's (Australian Sheep Breeding Values) are estimations of an animal's true genetic merit. They are a more accurate guide than raw figures as they take into consideration many factors that may affect the true genetic value of an animal, such as differing birth dates and the hereditary influences of parents and grandparents. They also remove the differing environmental and management influences enabling us to make accurate cross flock comparisons.

## **ASBV - Explanation of terms**

**PWT** - Post weaning weight. Estimates the growth difference in animals measured in kgs at 7 to 8 months of age. Our focus is on breeding animals that mature quickly and reach their optimum weight before they cut their teeth.

**YWT** - Yearling weight. Estimates the growth difference in animals measured in kgs at 12 months of age

**YEMD** - Yearling Eye Muscle Depth. Expressed in millimetres of muscle depth. Rams with a higher figure produce sheep with a higher yielding carcass and are generally more robust, better-doing animals.

**YFAT** - Yearling fat depth expressed in millimetres. Rams with a positive fat figure will hold their condition better and will bounce back quickly after stressful times.

**YCFW** - Yearling clean fleece weight. The difference in clean fleece weight expressed as a percentage

**DP+** - Dual Purpose Index. This is an index score that calculates the potential value of an animal for genetic gain when the production system is focused on dual purpose attributes balancing fleece traits with weight gain, muscle development and reproduction. The higher the score the better.

**Note** - A full range of breeding values will be displayed on the pen cards on sale day. Because of space constrictions only the above values are included in the catalogue.

## SIRES OF SALE RAMS

**170004** – ( x 130579 ) ET bred frame sire with outstanding carcass traits and a very long, soft staple

**170007** - ( x130579 ). Wool sire with an exquisite long and bold, elastic fibre

**170013** - ( x130579 ). Another ET bred son of 13-579 with great all round meat and wool production. Breeding a balanced combination of heavy fleeces, high growth and quality fibre.

**170361** - ( x150171 ). Wool sire with extreme staple length and a high quality white fleece.

**160313** - ( x13-1021 ) Very good all rounder with a meaty, heavy carcass and a high density fleece.

**160329** - ( x13-1021 ) A very deep and boldly crimped sire with extreme staple length, wonderful lustre and a great carcass to match. Breeding very well.

**CP-7379** - Centre Plus poll. Has the rare combination of high fat and high fleece weight as well as being a trait leader for breech cover.

**K-793** - Kiandra poll. Breeds big long bodied sheep with good carcass traits and bold crimping wools.

**M14-12** – Mirramoona. High growth and fleece weight with a white woolled New England ancestry.

## ASBV PERCENTILES AS OF AUGUST 2018

	YWT	YFAT	YEMD	YCFW	YSL	EBCOV	DP+
TOP 10%	9.1	1.1	1.9	27.4	15.5	-0.5	173
TOP 20%	7.8	0.7	1.3	23.9	12.8	-0.3	163
TOP 30%	6.8	0.5	0.9	21.4	11.0	-0.2	157
TOP 40%	6.0	0.2	0.6	19.3	9.5	-0.1	152
TOP 50%	5.2	0.1	0.3	17.2	8.1	-0.1	147



## THE INTRODUCTION OF EBCOV ( BREECH COVER ) AS A SELECTION TOOL

In recent years we have slowly seen the increased prevalence of the bare breech gene within our stud flock. The most exciting part of this development is the fact that despite the antagonistic relationship this trait has with fleece weight we have noticed that many of these bare breeches are more and more regularly appearing on dense woolled productive sheep and not the strippy, light cutters that they are more commonly associated with. With more producers every year looking to move towards non mulesing we feel it is important to help these breeders achieve their goals by both continuing to select for bare breeches as well as offering breeding values to assist in their selections.

Breech cover is visually assessed and given a score on a scale of 1 to 5 where 5 is no bare skin around the anus and 1 is a large bare area similar in size to a mulesed animal. The ASBV figure is expressed as a deviation from the industry average. If for example an animal has an ASBV of -0.5 this means that it is half a score better than the industry average. At present breech cover data is collected by a limited number of stud producers giving it relatively poor linkage and lesser accuracy than some other more commonly used traits and because of this the bareness of some breeches may not seem to correlate with the ASBV figures. Over time and with more industry acceptance this situation should gradually improve. Like all ASBVs we recommend to use it to assist in your decisions rather than as a replacement for visual selection.

**# NOTE** - Due to unforeseen circumstances we were unable to collect dam pedigrees from 3 sire group's from the 2019 drop. These groups included sires 170004, 170007 & 170361 as well as all the animals born from syndicate matings.

Because of the heavy weighting that Sheep Genetics puts on pedigree compared to raw data many of the rams ASBV figures from these sire group's were adversely affected and do not represent an accurate representation of their true breeding value. As always our advice is to make a visual assessment of each ram while using the breeding values to aid your selections rather than rely solely on them.

Also for the above reason there are many rams in the catalogue that were born and/or raised as multiples but for the above reason were unable to be identified as such.

LOT 1				TAG 446			Poll				
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	EBCOV	DP+
170007		<b>18.0</b>	<b>3.4</b>	<b>99.9</b>	<b>6.0</b>	<b>0.4</b>	<b>1.3</b>	<b>9</b>	<b>15.3</b>	<b>-0.20</b>	<b>146</b>
NOTES:											

LOT 2				TAG 35			Twin		Poll		
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	EBCOV	DP+
K-793	140252	<b>20.0</b>	<b>3.6</b>	<b>100</b>	<b>9.3</b>	<b>-0.2</b>	<b>1.3</b>	<b>18</b>	<b>14.1</b>	<b>0.19</b>	<b>151</b>
NOTES:											

LOT 3				TAG 12			Poll				
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	EBCOV	DP+
K-793	SYN	<b>19.5</b>	<b>3.4</b>	<b>99.8</b>	<b>8.0</b>	<b>0.0</b>	<b>0.7</b>	<b>20</b>	<b>13.3</b>	<b>0.00</b>	<b>149</b>
NOTES:											

LOT 4				TAG 31			Twin		Poll		
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	EBCOV	DP+
K-793	140288	<b>16.5</b>	<b>3.6</b>	<b>99.9</b>	<b>5.6</b>	<b>-0.2</b>	<b>0.7</b>	<b>19</b>	<b>15.3</b>	<b>-0.04</b>	<b>160</b>
NOTES:											

LOT 5				TAG 650			Poll				
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	EBCOV	DP+
160329		<b>16.7</b>	<b>4.2</b>	<b>99.8</b>	<b>6.8</b>	<b>-0.6</b>	<b>0.8</b>	<b>13</b>	<b>19.0</b>	<b>-0.28</b>	<b>155</b>
NOTES:											

LOT 6				TAG 219			Poll				
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	EBCOV	DP+
170013		17.6	2.9	100	7.0	0.7	1.2	20	14.7	-0.16	169
NOTES:											

LOT 7				TAG 93			Poll				
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	EBCOV	DP+
CP7379	SYN	16.8	4.7	100	8.4	0.6	0.1	28	12.5	-0.49	188
NOTES:											

LOT 8				TAG 24			Twin		Poll			
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	EBCOV	DP+	
K-793	10267	19.7	3.3	99.7	8.5	-0.3	1.0	18	13.3	0.18	158	
NOTES:												

LOT 9				TAG 47			Scur				
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	EBCOV	DP+
K-793		18.4	2.9	99.9	7.6	-0.1	0.7	12	12.5	0.19	138
NOTES:											

LOT 10				TAG 177			Poll				
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	EBCOV	DP+
170013		18.8	3.3	99.9	6.4	0.2	0.6	22	15.5	-0.13	167
NOTES:											

LOT 11				TAG 662			Poll				
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	EBCOV	DP+
160329		18.5	3.3	99.9	6.2	-0.3	0.6	10	17.6	-0.08	142
NOTES:											

LOT 12				TAG 189			Twin		Poll		
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	EBCOV	DP+
170013	140536	18.1	3.0	99.8	8.3	0.3	0.4	21	19.4	-0.11	171
NOTES:											

LOT 13				TAG 68			Twin		Poll		
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	EBCOV	DP+
CP7379	SYN	18.5	2.8	99.9	7.8	0.9	0.2	22	13.5	-0.25	182
NOTES:											

LOT 14				TAG 91			Poll				
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	EBCOV	DP+
CP7379	120216	17.3	3.6	99.9	10.0	1.2	0.5	22	12.4	-0.50	187
NOTES:											

LOT 15				TAG 43			Poll				
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	EBCOV	DP+
K-793		18.5	3.1	99.9	8.2	0.3	1.5	12	15.0	-0.01	142
NOTES:											

LOT 16				TAG 187			Triplet			Poll	
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	EBCOV	DP+
170013	120216	15.1	4.2	100	6.0	0.2	1.2	22	17.4	-0.20	164
NOTES:											

LOT 17				TAG 14			Twin			Poll	
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	EBCOV	DP+
K-793	SYN	20.6	3.4	99.6	6.2	0.2	1.0	13	11.9	-0.22	134
NOTES:											

LOT 18				TAG 248			Poll				
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	EBCOV	DP+
170013		17.3	2.9	99.9	6.3	0.0	0.9	18	17.4	0.02	166
NOTES:											

LOT 19				TAG 10			Twin			Poll	
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	EBCOV	DP+
K-793	140536	20.1	3.2	99.8	7.3	0.0	1.1	21	11.4	0.21	151
NOTES:											

LOT 20				TAG 13			Poll				
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	EBCOV	DP+
K-793	SYN	20.6	3.6	99.4	10.6	0.3	1.6	19	14.5	0.16	154
NOTES:											

LOT 21				TAG 64			Twin			Poll	
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	EBCOV	DP+
CP7379	131021	<b>18.2</b>	<b>4.6</b>	<b>99.8</b>	<b>8.1</b>	<b>1.2</b>	<b>0.6</b>	<b>24</b>	<b>13.8</b>	<b>-0.46</b>	<b>183</b>
NOTES:											

LOT 22				TAG 66			Twin			Scur	
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	EBCOV	DP+
CP7379	130579	<b>17.6</b>	<b>3.5</b>	<b>99.9</b>	<b>9.7</b>	<b>0.8</b>	<b>0.3</b>	<b>25</b>	<b>13.8</b>	<b>-0.45</b>	<b>194</b>
NOTES:											

LOT 23				TAG 178			Twin			Poll	
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	EBCOV	DP+
170013	120339	<b>18.6</b>	<b>2.9</b>	<b>99.9</b>	<b>6.1</b>	<b>0.8</b>	<b>2.6</b>	<b>16</b>	<b>17.0</b>	<b>0.12</b>	<b>167</b>
NOTES:											

LOT 24				TAG 89			Twin			Poll	
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	EBCOV	DP+
CP7379	110039	<b>16.3</b>	<b>3.0</b>	<b>100</b>	<b>8.2</b>	<b>1.0</b>	<b>0.3</b>	<b>21</b>	<b>12.6</b>	<b>-0.63</b>	<b>191</b>
NOTES:											

LOT 25				TAG 26			Twin			Poll	
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	EBCOV	DP+
K-793	120339	<b>18.2</b>	<b>4.1</b>	<b>100</b>	<b>8.0</b>	<b>-0.1</b>	<b>1.3</b>	<b>17</b>	<b>14.9</b>	<b>0.02</b>	<b>153</b>
NOTES:											

LOT 26				TAG 99			Triplet			Poll	
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	EBCOV	DP+
CP7379	120216	17.4	2.8	99.9	11.4	0.8	0.6	18	13.7	-0.29	186
NOTES:											

LOT 27				TAG 423			Poll				
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	EBCOV	DP+
170007		16.9	3.4	99.9	6.3	0.2	1.2	8	15.9	-0.18	147
NOTES:											

LOT 28				TAG 16			Twin		Poll		
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	EBCOV	DP+
K-793	SYN	19.8	3.5	99.9	7.8	-0.3	0.0	19	14.4	0.00	142
NOTES:											

LOT 29				TAG 343			Poll				
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	EBCOV	DP+
170004		18.4	2.9	99.8	7.0	0.7	2.3	9	19.2	-0.19	153
NOTES:											

LOT 30				TAG 231			Scur				
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	EBCOV	DP+
170013		17.6	3.2	100	6.8	0.3	1.4	19	14.4	-0.14	165
NOTES:											

LOT 31				TAG 217			Poll				
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	EBCOV	DP+
170013		17.4	3.9	100	5.0	0.1	0.4	18	13.6	-0.35	157
NOTES:											

LOT 32				TAG 595			Poll				
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	EBCOV	DP+
160313		17.9	3.5	100	9.7	0.1	0.9	15	14.6	-0.25	154
NOTES:											

LOT 33				TAG 344			Poll				
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	EBCOV	DP+
170004		17.1	3.5	99.8	7.1	0.1	0.7	10	17.4	-0.19	146
NOTES:											

LOT 34				TAG 322			Poll				
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	EBCOV	DP+
170004		18.3	3.8	100	5.7	0.4	1.3	16	19.7	0.00	153
NOTES:											

LOT 35				TAG 671			Poll				
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	EBCOV	DP+
160329		20.3	3.2	99.7	6.6	-0.1	2.1	12	23.0	-0.09	153
NOTES:											



LOT 36				TAG 320			Poll				
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	EBCOV	DP+
170004		14.5	4.1	100	4.6	0.1	1.1	14	15.0	-0.40	155
NOTES:											

LOT 37				TAG 183			Twin		Poll		
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	EBCOV	DP+
170013	SYN	18.3	3.3	99.9	7.2	0.1	1.2	17	14.6	0.05	164
NOTES:											

LOT 38				TAG 36			Scur				
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	EBCOV	DP+
K-793		17.5	3.1	99.9	8.4	-0.3	0.3	13	14.5	0.00	140
NOTES:											

LOT 39				TAG 417			Poll				
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	EBCOV	DP+
170007		18.1	2.9	100	5.0	0.8	1.8	5	14.5	0.01	142
NOTES:											

LOT 40				TAG 202			Scur				
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	EBCOV	DP+
170013	SYN	16.7	3.5	99.9	7.4	0.0	1.5	23	17.2	-0.17	177
NOTES:											

LOT 41				TAG 463			Poll				
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	EBCOV	DP+
170007		17.2	3.0	99.9	4.8	0.4	1.3	6	14.2	0.00	143
NOTES:											

LOT 42				TAG 586			Poll				
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	EBCOV	DP+
160313		20.3	4.4	99.7	7.6	0.1	1.0	12	13.3	-0.42	140
NOTES:											

LOT 43				TAG 339			Poll				
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	EBCOV	DP+
170004		17.7	3.2	99.9	7.2	0.5	1.7	7	15.6	-0.19	147
NOTES:											

LOT 44				TAG 318			Poll				
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	EBCOV	DP+
170004		17.2	4.7	100	4.5	0.2	1.1	15	18.0	0.00	148
NOTES:											

LOT 45				TAG 347			Poll				
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	EBCOV	DP+
170004		17.3	3.2	99.9	5.6	0.9	2.2	6	15.3	-0.19	147
NOTES:											

LOT 46				TAG 20			Twin		Poll		
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	EBCOV	DP+
K-793	140299	19.0	4.2	99.5	7.8	0.1	0.2	17	14.1	-0.03	142
NOTES:											

LOT 47				TAG 366			Poll				
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	EBCOV	DP+
170004		17.6	3.9	100	5.0	0.2	0.9	14	18.0	0.00	149
NOTES:											

LOT 48				TAG 140			Twin		Poll		
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	EBCOV	DP+
M14-12	SYN	18.1	3.9	99.9	7.8	0.8	1.1	23	17.4	-0.38	162
NOTES:											

LOT 49				TAG 175			Scur				
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	EBCOV	DP+
170013	WP912	18.3	4.9	100	7.0	0.2	-0.1	32	16.7	-0.02	180
NOTES:											

LOT 50				TAG 19			Poll				
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	EBCOV	DP+
K-793	131005	20.2	3.6	99.8	9.2	-0.3	1.2	12	16.0	-0.02	130
NOTES:											

LOT 51				TAG 142			Twin			Scur	
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	EBCOV	DP+
M14-12	140299	<b>18.8</b>	<b>3.7</b>	<b>99.6</b>	<b>7.8</b>	<b>0.9</b>	<b>1.7</b>	<b>24</b>	<b>16.1</b>	<b>-0.22</b>	<b>168</b>
NOTES:											

LOT 52				TAG 145			Scur				
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	EBCOV	DP+
M14-12	120216	<b>18.0</b>	<b>3.4</b>	<b>99.5</b>	<b>6.8</b>	<b>0.6</b>	<b>0.0</b>	<b>24</b>	<b>16.1</b>	<b>-0.22</b>	<b>152</b>
NOTES:											

LOT 53				TAG 134			Twin			Poll	
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	EBCOV	DP+
M14-12	120216	<b>18.7</b>	<b>3.5</b>	<b>99.9</b>	<b>8.9</b>	<b>0.7</b>	<b>1.2</b>	<b>25</b>	<b>22.1</b>	<b>-0.02</b>	<b>161</b>
NOTES:											

LOT 54				TAG 135			Twin			Scur	
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	EBCOV	DP+
M14-12	120216	<b>18.5</b>	<b>3.8</b>	<b>99.9</b>	<b>8.4</b>	<b>0.6</b>	<b>0.7</b>	<b>25</b>	<b>21.0</b>	<b>-0.16</b>	<b>157</b>
NOTES:											

LOT 55				TAG 141			Twin			Poll	
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	EBCOV	DP+
M14-12	SYN	<b>18.0</b>	<b>3.2</b>	<b>99.8</b>	<b>8.2</b>	<b>0.8</b>	<b>1.4</b>	<b>21</b>	<b>17.4</b>	<b>-0.24</b>	<b>162</b>
NOTES:											

LOT 56				TAG 321			Poll				
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	EBCOV	DP+
170004		19.2	3.0	99.9	6.3	0.3	1.6	10	16.1	-0.40	148
NOTES:											

LOT 57				TAG 198			Twin		Scur		
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	EBCOV	DP+
170013	131021	16.1	3.8	99.8	6.8	0.6	1.9	19	17	-0.06	167
NOTES:											

LOT 58				TAG 238			Poll				
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	EBCOV	DP+
170013		17.3	3.0	99.8	5.8	0.1	0.4	18	15.3	-0.17	159
NOTES:											

LOT 59				TAG 431			Poll				
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	EBCOV	DP+
170007		17.8	3.4	100	5.5	0.4	1.7	12	18.8	-0.15	152
NOTES:											

LOT 60				TAG 67			Twin		Poll		
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	EBCOV	DP+
CP7379	150171	20.1	3.7	99.9	9.9	1.4	0.4	30	17.9	-0.48	187
NOTES:											

LOT 61				TAG 203			Scur				
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	EBCOV	DP+
170013	080013	18.1	2.9	100	6.7	0.3	1.6	19	12.6	-0.13	160
NOTES:											

LOT 62				TAG 331			Poll				
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	EBCOV	DP+
170004		18.1	3.2	100	7.1	0.4	1.8	9	16.2	0.00	150
NOTES:											

LOT 63				TAG 399			Poll				
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	EBCOV	DP+
170007		18.i	3.0	99.9	6.4	0.4	2.2	8	16.7	-0.38	149
NOTES:											

LOT 64				TAG 486			Scur				
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	EBCOV	DP+
170361		17.4	3.0	100	4.1	0.0	0.4	10	13.7	-0.21	137
NOTES:											

LOT 65				TAG 312			Scur				
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	EBCOV	DP+
170004		18.4	2.8	100	6.0	0.2	0.4	13	15.7	-0.40	148
NOTES:											

LOT 66				TAG 230			Poll				
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	EBCOV	DP+
170013		17.6	2.9	99.9	6.1	0.1	1.4	16	14.8	0.05	164
NOTES:											

LOT 67				TAG 235			Poll				
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	EBCOV	DP+
170013		16.3	2.4	100	6.1	0.2	0.7	11	14.5	-0.39	155
NOTES:											

LOT 68				TAG 124			Twin		Poll			
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	EBCOV	DP+	
M14-12	SYN	17.2	3.4	100	6.8	0.3	-0.3	21	17.2	-0.41	154	
NOTES:												

LOT 69				TAG 697			Horn				
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	EBCOV	DP+
160329		18.5	3.6	99.8	7.5	-0.3	1.1	12	19.4	-0.14	152
NOTES:											

LOT 70				TAG 218			Horn				
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	EBCOV	DP+
170013		18.1	3.0	99.9	7.7	0.0	0.9	21	15.5	0.01	176
NOTES:											

LOT 71				TAG 583			Horn				
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	EBCOV	DP+
160313		18.4	3.6	99.9	7.4	0.2	1.1	15	13.4	-0.26	140
NOTES:											

LOT 72				TAG 138			Horn				
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	EBCOV	DP+
M14-12	140299	20.2	3.8	100	7.4	0.6	1.7	27	21.5	-0.44	165
NOTES:											

LOT 73				TAG 136			Twin		Horn		
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	EBCOV	DP+
M14-12	SYN	18.9	3.1	100	8.0	0.8	0.6	25	19.5	-0.37	164
NOTES:											

LOT 74				TAG 152			Horn				
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	EBCOV	DP+
M14-12	080013	17.8	3.4	99.7	9.0	0.6	0.8	28	14.6	-0.17	173
NOTES:											

LOT 75				TAG 21			Twin		Scur		
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	EBCOV	DP+
K-793	140299	21.8	3.6	99.0	10.0	0.0	0.3	18	17.3	-0.03	142
NOTES:											



LOT 76				TAG 116			Poll				
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	EBCOV	DP+
M14-12	140299	17.4	3.4	99.9	6.8	0.2	0.6	22	15.6	-0.40	162
NOTES:											

LOT 77				TAG 481			Poll				
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	EBCOV	DP+
170361		21.5	4.2	98.5	6.0	0.7	1.3	8	18.4	-0.21	127
NOTES:											

LOT 78				TAG 561			Poll				
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	EBCOV	DP+
160313		18.4	3.4	99.9	8.3	0.4	1.5	11	11.6	-0.24	154
NOTES:											

LOT 79				TAG 244			Scur				
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	EBCOV	DP+
170013		18.7	3.6	99.8	7.1	0.3	0.2	21	15.6	-0.18	160
NOTES:											

LOT 80				TAG 702			Scur				
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	EBCOV	DP+
160329		17.5	2.9	99.8	6.2	0.1	1.7	8	20.0	-0.09	148
NOTES:											

LOT 81				TAG 688			Poll				
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	EBCOV	DP+
160329		18.7	3.9	99.8	6.7	0.0	0.6	11	16.1	-0.07	140
NOTES:											

LOT 82				TAG 455			Poll				
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	EBCOV	DP+
170007		15.8	4.4	100							
NOTES:											

LOT 83				TAG 214			Scur				
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	EBCOV	DP+
170013		16.5	2.8	99.9	9.8	0.3	1.9	16	18.9	-0.02	173
NOTES:											

LOT 84				TAG 316			Scur				
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	EBCOV	DP+
170004		18.0	3.4	99.9	7.9	0.4	1.5	13	17.7	-0.19	156
NOTES:											

LOT 85				TAG 325			Poll				
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	EBCOV	DP+
170004		17.8	3.3	99.9	7.4	0.6	1.5	10	15.6	-0.19	151
NOTES:											

LOT 86				TAG 902			Poll				
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	EBCOV	DP+
SYN		18.3	3.2	99.9	110%	83%	100%	125%			
NOTES: # ASBV's not available. Figures are expressed as a % of the average of the drop.											

LOT 87				TAG 886			Poll				
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	EBCOV	DP+
SYN		19.8	3.4	99.9	101%	139%	103%	80%			
NOTES:# ASBV's not available. Figures are expressed as a % of the average of the drop											

LOT 88				TAG 876			Poll				
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	EBCOV	DP+
SYN		17.7	3.9	99.8	108%	139%	117%	100%			
NOTES:# ASBV's not available. Figures are expressed as a % of the average of the drop											

LOT 89				TAG 912			Poll				
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	EBCOV	DP+
SYN		17.7	3.4	99.9	102%	70%	103%	85%			
NOTES:# ASBV's not available. Figures are expressed as a % of the average of the drop											

LOT 90				TAG 875			Poll				
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	EBCOV	DP+
SYN		17.3	2.7	99.9	108%	111%	100%	78%			
NOTES:# ASBV's not available. Figures are expressed as a % of the average of the drop											

LOT 91				TAG 96			Twin		Poll		
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	EBCOV	DP+
CP7379	SYN	18.8	3.4	99.9	9.0	1.1	0.4	18	12.5	-0.44	174
NOTES:											

LOT 92				TAG 888			Poll				
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	EBCOV	DP+
SYN		17.2	2.7	99.9	95%	83%	100%	90%			
NOTES:# ASBV's not available. Figures are expressed as a % of the average of the drop											

LOT 93				TAG 681			Scur				
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	EBCOV	DP+
160329		19.0	3.2	99.9	4.8	0.1	1.7	6	19.4	-0.28	141
NOTES:											

LOT 94				TAG 418			Poll				
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	EBCOV	DP+
170007		16.5	4.4	100	3.7	0.3	1.7	12	14.6	-0.18	149
NOTES:											

LOT 95				TAG 590			Scur				
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	EBCOV	DP+
160313		19.5	3.0	99.9	5.0	0.2	1.6	12	20.9	-0.38	145
NOTES:											

LOT 96				TAG 683			Poll				
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	EBCOV	DP+
160329		17.5	4.8	99.6	9.0	0.0	1.1	15	17.2	-0.06	161
NOTES:											

LOT 97				TAG 85			Twin		Poll		
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	EBCOV	DP+
CP7379	SYN	18.3	3.2	99.9	9.5	1.2	0.4	17	12.0	-0.25	176
NOTES:											

LOT 98				TAG 41			Poll				
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	EBCOV	DP+
K-793		16.0	3.1	100	7.5	0.1	0.4	8	8.9	0.00	136
NOTES:											

LOT 99				TAG 305			Poll				
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	EBCOV	DP+
170004		18.0	3.2	99.9	9.0	0.4	1.3	10	18.2	-0.20	151
NOTES:											

LOT 100				TAG 40			Scur				
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	EBCOV	DP+
K-793		18.0	3.4	100	6.3	-0.1	0.8	11	14.8	0.18	134
NOTES:											

LOT 101				TAG 643			Poll				
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	EBCOV	DP+
160329		17.9	3.3	99.9	8.6	0.5	2.0	3	15.4	-0.25	146
NOTES:											

LOT 102				TAG 658			Poll				
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	EBCOV	DP+
160329		18.7	3.0	99.9	5.9	-0.3	0.9	8	16.5	-0.24	150
NOTES:											

LOT 103				TAG 668			Poll				
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	EBCOV	DP+
160329		17.6	3.1	99.7	6.0	0.0	2.1	10	19.6	-0.28	157
NOTES:											

LOT 104				TAG 458			Poll				
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	EBCOV	DP+
170007		16.6	2.6	100	5.6	0.2	1.4	7	16.1	-0.18	149
NOTES:											

LOT 105				TAG 127			Poll				
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	EBCOV	DP+
M14-12		18.5	3.2	99.9	5.8	0.9	1.2	13	20.4	0.00	143
NOTES:											

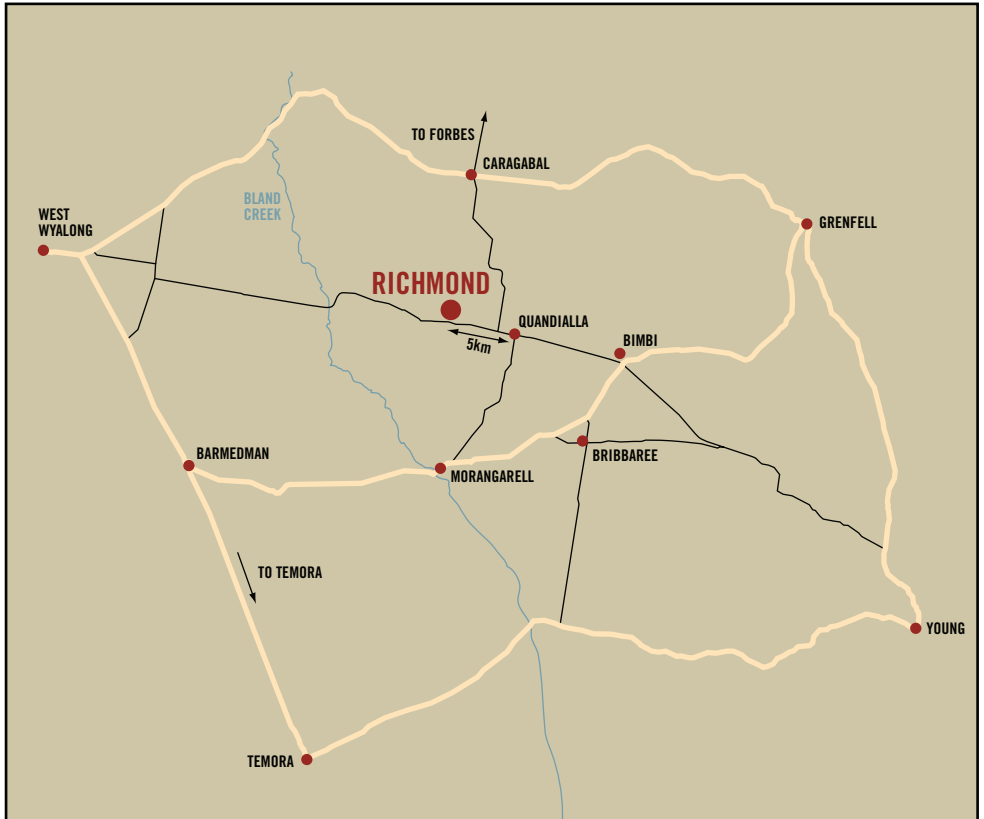
LOT 106				TAG 617			Scur				
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	EBCOV	DP+
160313		17.7	2.8	99.9	4.0	0.5	1.0	14	13.4	-0.26	151
NOTES:											

LOT 107				TAG 467			Poll				
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	EBCOV	DP+
170007		17.7	4.0	99.8	5.5	0.7	2.4	8	18.1	-0.19	147
NOTES:											

LOT 108				TAG 317			Poll				
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	EBCOV	DP+
170004		16.6	4.9	100	5.5	0.1	0.9	17	17.5	0.00	152
NOTES:											

LOT 109				TAG 308			Poll				
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	EBCOV	DP+
170004		20.3	3.6	99.8	6.5	0.5	1.2	14	18.1	-0.19	147
NOTES:											

LOT 110				TAG 80			Triplet		Poll		
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	EBCOV	DP+
CP7379	131004	17.5	3.1	99.9	8.6	1.7	0.6	15	14.4	-0.32	174
NOTES:											



# TREVOR & SARAH RYAN

"RICHMOND"

QUANDIALLA

PHONE: 02 6347 1166

MOBILE: 0437 153 765

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