RICHMOND

MERINOS

Flock No. 5021

2022 ON PROPERTY SALE

120 RAMS - HORN AND POLL

AUGUST 2021 DROP

1:00PM TUESDAY 27th 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 4.5 months wool on August 25th. 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 5th 2022

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 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 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 bales. In this age of increasing reliance on computer driven data we feel it more important than ever to continue selecting for these higher quality, better processing fleeces.

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 20 years) and our plain wrinkle free breeches have allowed us to stop mulesing, eliminating the process 17 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 Q-Drench on September 17th

EXPLANATION OF WOOL TERMS

FD - Fibre Diameter

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

CF% - Comfort Factor. Percentage of fibres less that 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 carcase traits. Richmond rams are genetically wired to breed sheep with growth and constitution.

FEEDING HISTORY OF 2021 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.
- 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 animals 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 across 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 carcase 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

YSL - Yearling staple length. The difference in staple length expressed in mm

EBCOV - Early breech cover. A breeding value for the size of bare skin area on the breech generated from a visual score graded from 1 to 5 where score 1 is the largest bare area.

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

160110 (× Challara 394). Purchased for $11,000 by East Lodden merino stud at our 2017 sale. An industry leading sire for carcass traits. Breeds heavy, deep bodied progeny with great muscle, fat and early growth

170013 (x130579). An 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.

190008 (×Kiandra 793). Large framed sire with good early growth.

190068 (× Centre Plus 7379). Purchased by Benefield merino stud at our 2020 sale. A balanced sire with good early growth and adult fleece weight combined with a bare breech.

190132 (× Mirramoona). A moderate framed but heavy ram. Thick set and deep through the flank he breeds fleece weight with good carcass traits.

190216 (×170013). A balanced sire that breeds elite wools with structural integrity.

190689 (× 160329). Sire with extreme early growth and good muscle.

RA-421 (Ridgway Advance). Breeding large frame progeny with very sweet wools.

RK-237 (Rocklyn). High indexing ram breeding big sheep with a good adult fleece weights.

WP- 2032 (Wallaloo Park). High indexing and widely used dual purpose sire.

ASBV PERCENTILES AS OF AUGUST 2022

	YWT	YFAT	YEMD	YCFW	YSL	DP+
TOP 10%	9.3	1.4	2.1	27.5	16.3	182
TOP 20%	8.0	1.0	1.6	23.8	13.4	173
TOP 30%	7.1	0.6	1.2	21.1	11.4	167
TOP 40%	6.3	0.4	0.9	18.8	9.7	161
T0P 50%	5.5	0.2	0.6	16.6	8.1	158

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 wooled 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.

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. 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. Consequently for the time being and until the collection of breech cover data becomes more widespread and accurate we have decided to replace the ASBV figure with the visual breech cover score that each ram has been allocated. Breeding values for breech cover (EBCOV) are available for each animal on the sheep genetics website.

BREECH COVER SCORE GUIDELINES

SCORE 1 - A large bare area of skin around the anus similar to a sheep that has been mulesed.

SCORE 2 - A significant bare area capable of reducing the level of stain similar to a small or moderate mules.

SCORE 3 - A small bare area not overly noticeable but showing signs of moving in the right direction.

SCORE 4 - Very little bare area present.

SCORE 5 - Completely closed in around the anus with no noticeable bare skin.

LOT 1				TAG 662							PP
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
190689	130579	**16.5**	**2.75**	**100**	**11.7**	**0.49**	**1.62**	**23.5**	**20.1**	**3**	**197**
NOTES:											

LOT 2				TAG 297							PP
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
160110	131021	**16.5**	**2.8**	**99.9**	**7.7**	**0.44**	**1.83**	**15.1**	**13.9**	**2**	**164**
NOTES:											

LOT 3				TAG 296							PP
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
160110	160329	**16.7**	**3.2**	**99.8**	**9.3**	**0.57**	**1.51**	**14.2**	**17.9**	**4**	**168**
NOTES:											

LOT 4				TAG 271							PP
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
160110	GW 27	**17.3**	**2.8**	**99.9**	**10.3**	**0.66**	**3.28**	**10.2**	**12.5**	**2**	**178**
NOTES:											

LOT 5				TAG 280							PP
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
160110	160329	**19.0**	**2.9**	**99.9**	**11.0**	**1.71**	**2.02**	**28.9**	**21.6**	**2**	**201**
NOTES:											

LOT 6				TAG 306							PP
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
160110		**18.2**	**3.0**	**99.9**	**10.4**	**0.74**	**2.46**	**16.1**	**20.3**	**2**	**186**
NOTES:											

LOT 7				TAG 677							PH
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
190689	GW 27	**19.8**	**3.2**	**99.9**	**11.5**	**0.98**	**1.55**	**17.4**	**22.6**	**3**	**175**
NOTES:											

LOT 8				TAG 263							PH
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
160110	SYN	**16.5**	**2.8**	**99.9**	**9.8**	**0.70**	**2.14**	**18.4**	**6.3**	**2**	**189**
NOTES:											

LOT 9				TAG 523							PP
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
190132	SYN	**16.5**	**2.9**	**99.7**	**6.7**	**0.93**	**1.51**	**14.0**	**18.1**	**3**	**159**
NOTES:											

LOT 10				TAG 283							PP
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
160110	160227	**16.6**	**2.5**	**100**	**11.2**	**1.34**	**2.05**	**16.0**	**16.4**	**3**	**177**
NOTES:											

LOT 11				TAG 261							PP
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
160110	160111	**17.1**	**3.0**	**99.8**	**9.8**	**1.56**	**3.04**	**18.3**	**15.8**	**2**	**194**
NOTES:											

LOT 12				TAG 277							PP
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
160110	170007	**17.8**	**3.3**	**100**	**14.1**	**1.01**	**2.14**	**11.9**	**15.4**	**2**	**182**
NOTES:											

LOT 13				TAG 712							PH
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
190689	150182	**18.4**	**2.8**	**99.9**	**14.7**	**0.46**	**0.98**	**15.1**	**20.13**	**3**	**183.4**
NOTES:											

LOT 14				TAG 005							PP
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
RK-237	140252	**20.7**	**3.5**	**99.7**	**13.4**	**0.37**	**1.36**	**32.3**	**16.4**	**2**	**189**
NOTES:											

LOT 15				TAG 085							PP
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
RA-421	SYN	**14.7**	**2.7**	**100**	**9.2**	**-0.27**	**0.64**	**22.9**	**14.1**	**4**	**169**
NOTES:											

LOT 16				TAG 419							PP
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
190008		**15.7**	**2.9**	**99.9**	**7.4**	**0.51**	**0.84**	**15.8**	**22.7**	**3**	**160**
NOTES:											

LOT 17				TAG 630							PP
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
190216	SYN	**15.5**	**2.7**	**99.9**	**8.3**	**0.91**	**1.90**	**11.3**	**16.3**	**2**	**181**
NOTES:											

LOT 18				TAG 726							PP
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
190689		**17.7**	**3.0**	**99.9**	**12.7**	**0.60**	**2.03**	**15.6**	**20.4**	**3**	**195**
NOTES:											

LOT 19				TAG 222							PP
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
190068	160329	**16.3**	**3.2**	**100**	**8.8**	**0.56**	**1.17**	**17.9**	**18.0**	**2**	**186**
NOTES:											

LOT 20				TAG 528							PP
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
190132	160329	**17.2**	**2.7**	**100**	**9.2**	**1.01**	**2.36**	**18.7**	**22.2**	**2**	**175**
NOTES:											

LOT 21				TAG 566							PH
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
190216	SYN	**16.1**	**2.6**	**99.9**	**7.0**	**0.60**	**1.78**	**12.0**	**20.3**	**3**	**171**
NOTES:											

LOT 22				TAG 215							PH
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
190068	150317	**17.7**	**2.8**	**99.8**	**7.0**	**0.55**	**1.48**	**20.1**	**14.9**	**4**	**178**
NOTES:											

LOT 23				TAG 913							PP
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
190132	160329	**16.0**	**2.6**	**100**	**7.0**	**0.69**	**1.46**	**17.9**	**19.3**	**3**	**173**
NOTES:											

LOT 24				TAG 919						Poll no genomics	
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
		16.9	**2.8**	**99.8**							
NOTES: **(# ASBV's PENDING)**											

LOT 25				TAG 703							PP
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
190689		**18.2**	**2.7**	**99.9**	**12.1**	**1.51**	**3.08**	**6.5**	**21.1**	**3**	**174**
NOTES:											

LOT 26				TAG 030							PP
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
RK-237		**18.1**	**2.9**	**100**	**9.0**	**0.31**	**0.68**	**26.1**	**15.0**	**2**	**187**
NOTES:											

LOT 27				TAG 177							HH
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
WP2032	140252	**16.4**	**3.0**	**99.8**	**9.4**	**0.13**	**1.52**	**9.7**	**11.0**	**3**	**168**
NOTES:											

LOT 28				TAG 076							PP
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
RA-421	SYN	**14.8**	**2.4**	**100**	**6.3**	**-0.13**	**0.11**	**17.7**	**18.1**	**3**	**163**
NOTES:											

LOT 29				TAG 368							PP
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
170013	L-445	**15.8**	**2.7**	**99.9**	**6.1**	**0.45**	**1.60**	**12.1**	**15.0**	**3**	**164**
NOTES:											

LOT 30				TAG 117							PP
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
RA-421	SYN	**16.0**	**2.6**	**100**	**8.8**	**-0.45**	**0.91**	**19.7**	**14.5**	**4**	**170**
NOTES:											

LOT 31				TAG 276							PH
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
160110	SYN	**16.9**	**3.2**	**100**	**8.7**	**0.13**	**1.12**	**10.7**	**16.1**	**3**	**157**
NOTES:											

LOT 32				TAG 596							PH
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
190216	WP-291	**15.7**	**2.9**	**99.9**	**4.3**	**1.23**	**1.31**	**10.7**	**16.3**	**4**	**168**
NOTES:											

LOT 33				TAG 579							PH
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
190216	K-793	**17.0**	**3.2**	**99.6**	**5.9**	**0.18**	**0.11**	**14.9**	**17.5**	**3**	**161**
NOTES:											

LOT 34				TAG 080							PH
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
RA-421	140536	**16.7**	**3.5**	**99.7**	**8.1**	**-0.87**	**0.34**	**30.7**	**19.6**	**3**	**176**
NOTES:											

LOT 35				TAG 098							PH
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
RA-421	120216	**14.9**	**2.6**	**100**	**10.4**	**0.78**	**1.79**	**19.6**	**15.6**	**3**	**176**
NOTES:											

LOT 36				TAG 918			Poll no genomics				
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
		15.4	**2.3**	**100**							
NOTES: **(# ASBV's PENDING)**											

LOT 37				TAG 269						PP	
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
160110	SYN	**17.4**	**3.4**	**100**	**11.9**	**1.52**	**2.19**	**6.0**	**9.0**	**2**	**169**
NOTES:											

LOT 38				TAG 243						PH	
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
190068	170004	**17.3**	**2.9**	**99.9**	**10.9**	**1.02**	**1.64**	**27.9**	**16.8**	**3**	**201**
NOTES:											

LOT 39				TAG 084						PP	
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
RA-421	SYN	**14.5**	**2.3**	**100**	**6.7**	**-0.44**	**0.56**	**22.6**	**12.5**	**4**	**161**
NOTES:											

LOT 40				TAG 167						PH	
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
WP2032	130579	**17.5**	**2.8**	**100**	**4.7**	**1.01**	**2.88**	**24.0**	**20.0**	**3**	**176**
NOTES:											

LOT 41				TAG 409						Poll no genomics	
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
190008		**16.3**	**2.6**	**99.9**						**2**	
NOTES: **(# ASBV's PENDING)**											

LOT 42				TAG 571						PP	
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
190216	SYN	**15.9**	**2.5**	**100**	**5.1**	**0.73**	**0.59**	**14.5**	**15.1**	**3**	**166**
NOTES:											

LOT 43				TAG 323						PP	
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
170013		**16.6**	**3.0**	**99.9**	**8.2**	**0.64**	**2.21**	**6.0**	**14.5**	**3**	**161**
NOTES:											

LOT 44				TAG 535						PP	
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
190132	K-793	**17.4**	**3.0**	**99.9**	**8.2**	**0.35**	**0.88**	**22.1**	**21.7**	**3**	**182**
NOTES:											

LOT 45				TAG 480						PP	
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
190132	170004	**16.5**	**2.9**	**99.7**	**6.4**	**1.31**	**1.42**	**14.8**	**21.0**	**3**	**157**
NOTES:											

LOT 46				TAG 651							PH
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
190689		**18.1**	**2.9**	**99.9**	**14.2**	**0.18**	**1.51**	**8.4**	**18.3**	**2**	**176**
NOTES:											

LOT 47				TAG 294							PP
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
160110	120216	**15.5**	**3.3**	**99.8**	**9.0**	**0.18**	**1.63**	**13.7**	**12.4**	**2**	**169**
NOTES:											

LOT 48				TAG 519							PP
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
190132	170004	**19.5**	**2.8**	**99.9**	**10.0**	**1.30**	**2.17**	**18.4**	**20.2**	**3**	**180**
NOTES:											

LOT 49				TAG 114							PP
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
RA-421		**16.5**	**2.8**	**99.9**	**6.6**	**0.20**	**0.57**	**17.7**	**16.8**	**4**	**164**
NOTES:											

LOT 50				TAG 214							PH
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
190068	140436	**16.0**	**2.9**	**99.9**	**6.5**	**0.71**	**2.04**	**15.7**	**9.3**	**3**	**183**
NOTES:											

LOT 51				TAG 033							PP
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
RK-237	140299	**17.9**	**3.3**	**99.9**	**8.8**	**0.75**	**0.46**	**21.7**	**16.8**	**2**	**175**
NOTES:											

LOT 52				TAG 180							PH
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
WP2032	130579	**15.7**	**2.6**	**100**	**8.0**	**-0.11**	**0.92**	**25.3**	**11.8**	**3**	**171**
NOTES:											

LOT 53				TAG 389							PH
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
170013	160313	**16.6**	**3.3**	**100**	**7.1**	**1.07**	**2.15**	**15.8**	**17.9**	**3**	**173**
NOTES:											

LOT 54				TAG 710							HORN
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
190689	W1514	**17.4**	**2.7**	**99.9**	**12.8**	**0.17**	**0.83**	**12.4**	**18.3**	**3**	**165**
NOTES:											

LOT 55				TAG 715							HORN
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
190689	170007	**17.3**	**3.2**	**99.7**	**15.7**	**0.06**	**1.46**	**13.9**	**16.8**	**2**	**191**
NOTES:											

LOT 56				TAG 157						HORN	
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
WP2032	SYN	**18.2**	**3.2**	**99.7**	**9.4**	**0.59**	**3.52**	**23.5**	**22.2**	**3**	**182**
NOTES:											

LOT 57				TAG 206						HORN	
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
190068	140405	**17.6**	**3.4**	**99.6**	**7.7**	**1.29**	**1.48**	**15.7**	**17.5**	**3**	**178**
NOTES:											

LOT 58				TAG 688						HORN (PH)	
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
190689	170013	**16.8**	**2.8**	**99.9**	**8.7**	**0.89**	**2.05**	**21.6**	**17.0**	**2**	**196**
NOTES:											

LOT 59				TAG 165						HORN	
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
WP2032	SYN	**16.0**	**2.6**	**100**	**8.7**	**0.15**	**2.05**	**24.4**	**18.3**	**3**	**195**
NOTES:											

LOT 60				TAG 672						HORN	
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
190689	WP912	**17.3**	**3.2**	**99.9**	**12.5**	**0.14**	**1.15**	**12.1**	**14.1**	**3**	**175**
NOTES:											

LOT 61				TAG 185							PH
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
WP2032	GW-27	**16.3**	**2.5**	**100**	**13.0**	**0.18**	**1.91**	**27.3**	**18.1**	**2**	**201**
NOTES:											

LOT 62				TAG 538							PP
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
190132		**16.3**	**3.2**	**99.9**	**3.8**	**1.63**	**2.27**	**10.5**	**21.1**	**3**	**158**
NOTES:											

LOT 63				TAG 008							PH
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
RK-237	140252	**16.7**	**3.0**	**99.9**	**9.6**	**-0.49**	**-0.06**	**18.8**	**11.3**	**2**	**160**
NOTES:											

LOT 64				TAG 906							HH
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
WP2032	GW-27	**15.3**	**2.7**	**100**	**6.7**	**0.86**	**1.80**	**18.9**	**13.3**	**4**	**172**
NOTES:											

LOT 65				TAG 673							PP
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
190689	130579	**15.8**	**2.8**	**99.8**	**6.9**	**1.02**	**1.43**	**16.7**	**14.8**	**3**	**172**
NOTES:											

LOT 66				TAG 507			Poll no genomics				
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
190132		**17.8**	**2.9**	**99.9**						**3**	
NOTES: **(# ASBV's PENDING)**											

LOT 67				TAG 155						PH	
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
WP2032	AC-210	**16.6**	**2.8**	**99.9**	**6.7**	**0.26**	**1.45**	**19.3**	**12.7**	**2**	**177**
NOTES:											

LOT 68				TAG 237						PP	
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
190068	SYN	**17.1**	**3.4**	**99.9**	**8.0**	**0.63**	**0.99**	**19.5**	**13.2**	**3**	**179**
NOTES:											

LOT 69				TAG 081						PH	
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
RA-421	160313	**14.3**	**2.7**	**99.9**	**9.1**	**-0.80**	**0.85**	**21.4**	**17.9**	**4**	**177**
NOTES:											

LOT 70				TAG 093						PH	
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
RA-421	150182	**16.6**	**3.2**	**100**	**6.9**	**-0.11**	**0.22**	**16.8**	**14.2**	**4**	**163**
NOTES:											

LOT 71				TAG 281							PP
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
160110	160329	**18.7**	**3.0**	**99.9**	**6.4**	**1.22**	**2.23**	**13.2**	**17.4**	**3**	**170**
NOTES:											

LOT 72				TAG 235						Poll no genomics	
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
190068	131005	**18.2**	**2.7**	**99.9**	**7.1**	**0.37**	**1.59**	**16.4**	**12.2**	**1**	**174**
NOTES:											

LOT 73				TAG 707							PP
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
190689	SYN	**14.9**	**2.8**	**99.9**	**10.7**	**0.80**	**1.92**	**3.7**	**15.3**	**3**	**179**
NOTES:											

LOT 74				TAG 515							PP
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
190132	AC-210	**19.0**	**3.2**	**99.8**	**8.9**	**1.26**	**1.82**	**17.9**	**20.7**	**3**	**178**
NOTES:											

LOT 75				TAG 560						Poll no genomics	
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
190132	SYN	**18.4**	**2.7**	**99.9**	**4.3**	**0.93**	**1.22**	**14.0**	**18.1**	**3**	**153**
NOTES:											

LOT 76				TAG 194							PH
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
WP2032	160329	**16.6**	**2.9**	**100**	**8.4**	**0.15**	**2.41**	**25.1**	**14.8**	**4**	**189**
NOTES:											

LOT 77				TAG 417							PH
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
190008	170004				**6.3**	**-0.14**	**0.77**	**14.8**	**20.5**		**165**
NOTES:											

LOT 78				TAG 432							PP
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
190008	160313	**17.5**	**2.6**	**100**	**4.6**	**0.00**	**0.93**	**14.4**	**16.4**	**4**	**148**
NOTES:											

LOT 79				TAG 385							PP
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
190132	160329	**19.0**	**3.5**	**99.7**	**8.0**	**0.67**	**1.68**	**20.3**	**22.9**	**2**	**173**
NOTES:											

LOT 80				TAG 462							PH
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
190008		**17.1**	**3.1**	**99.6**	**5.2**	**0.49**	**1.92**	**11.5**	**20.7**	**4**	**156**
NOTES:											

LOT 81				TAG 394							PP
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
170013	160329	**15.7**	**2.4**	**99.9**	**6.5**	**0.30**	**1.70**	**20.4**	**16.3**	**3**	**178**
NOTES:											

LOT 82				TAG 458							PP
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
190008	SYN	**15.2**	**2.5**	**99.9**	**6.9**	**-0.33**	**0.38**	**12.3**	**18.1**	**3**	**158**
NOTES:											

LOT 83				TAG 246							PH
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
190068	SYN	**18.1**	**2.9**	**99.9**	**8.8**	**1.13**	**1.04**	**19.8**	**15.8**	**3**	**173**
NOTES:											

LOT 84				TAG 074							PH
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
RA-421	K-793	**19.4**	**3.3**	**99.8**	**9.8**	**0.08**	**1.23**	**22.7**	**15.1**	**3**	**170**
NOTES:											

LOT 85				TAG 660							PH
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
190689	SYN	**18.5**	**2.9**	**100**	**11.7**	**1.05**	**2.08**	**9.0**	**19.2**	**3**	**179**
NOTES:											

LOT 86				TAG 641							PP
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
190216	160110	**16.9**	**3.0**	**99.9**	**7.4**	**1.88**	**3.14**	**3.1**	**16.8**	**3**	**161**
NOTES:											

LOT 87				TAG 553							PH
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
190132	SYN	**16.5**	**2.6**	**100**	**9.3**	**1.16**	**2.05**	**14.4**	**23.2**	**2**	**178**
NOTES:											

LOT 88				TAG 917							PH
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
190132	SYN	**17.8**	**2.6**	**99.9**	**4.5**	**1.55**	**2.09**	**10.5**	**21.8**	**3**	**154**
NOTES:											

LOT 89				TAG 266							Poll no genomics
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
160110	130579	**16.1**	**2.4**	**99.9**	**6.0**	**0.65**	**2.35**	**14.1**	**13.8**	**3**	**161**
NOTES:											

LOT 90				TAG 603							Poll no genomics
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
190216		**17.6**	**2.9**	**99.9**							
NOTES: **(# ASBV's PENDING)**											

LOT 91				TAG 362							PP
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
170013	160313	**15.6**	**3.1**	**99.8**	**4.2**	**-0.09**	**1.78**	**11.7**	**12.6**	**3**	**167**
NOTES:											

LOT 92				TAG 675							PH
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
190689	170013	**16.6**	**3.0**	**99.9**	**10.5**	**0.68**	**1.39**	**12.4**	**15.2**	**3**	**165**
NOTES:											

LOT 93				TAG 460							PP
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
190008	170361	**18.3**	**3.0**	**99.8**	**2.4**	**0.01**	**1.13**	**22.6**	**19.7**	**3**	**163**
NOTES:											

LOT 94				TAG 240							PH
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
190068	SYN	**17.9**	**3.0**	**99.9**	**10.9**	**-0.30**	**1.21**	**28.0**	**17.6**	**3**	**204**
NOTES:											

LOT 95				TAG 039							PH
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
RK-237	160227	**16.1**	**3.1**	**99.8**	**9.7**	**0.14**	**1.10**	**20.8**	**12.8**	**3**	**178**
NOTES:											

LOT 96				TAG 563							PH
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
190216	140536	**16.1**	**2.8**	**99.9**	**9.1**	**0.96**	**0.20**	**10.7**	**17.9**	**4**	**163**
NOTES:											

LOT 97				TAG 450							PH
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
190008	170004	**16.2**	**2.8**	**99.9**	**9.1**	**0.55**	**1.09**	**10.0**	**19.9**	**3**	**161**
NOTES:											

LOT 98				TAG 343							PH
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
170013		**16.1**	**2.8**	**99.9**	**6.8**	**0.41**	**0.53**	**20.5**	**15.9**	**2**	**173**
NOTES:											

LOT 99				TAG 694							PH
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
190689	170004	**17.6**	**3.1**	**99.9**	**10.5**	**0.73**	**1.81**	**19.3**	**18.8**	**3**	**175**
NOTES:											

LOT 100				TAG 752							PH
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
190179	130579	**15.5**	**2.9**	**99.8**	**6.1**	**-0.21**	**1.69**	**9.2**	**12.4**	**3**	**151**
NOTES:											

LOT 101				TAG 724							PH
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
190689	SYN	**18.3**	**3.0**	**99.9**	**9.0**	**0.80**	**1.87**	**17.3**	**23.5**	**3**	**181**
NOTES:											

LOT 102				TAG 426							PH
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
190008	SYN	**17.0**	**2.7**	**100**	**5.7**	**0.10**	**0.59**	**12.3**	**16.0**	**2**	**158**
NOTES:											

LOT 103				TAG 709							Poll no genomics
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
190689	170013	**17.0**	**3.3**	**99.9**	**9.5**	**0.68**	**2.08**	**13.6**	**14.6**	**4**	**172**
NOTES:											

LOT 104				TAG 336							PP
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
170013	160329				**7.7**	**0.19**	**1.06**	**26.3**	**15.4**	**2**	**186**
NOTES:											

LOT 105				TAG 701							PP
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
190689	150425	**15.0**	**2.5**	**99.9**	**10.7**	**0.45**	**2.00**	**12.6**	**16.6**	**2**	**181**
NOTES:											

LOT 106				TAG 738							PP
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
190179	SYN	**15.8**	**2.7**	**99.9**	**6.7**	**0.98**	**3.36**	**7.4**	**16.2**	**2**	**170**
NOTES:											

LOT 107				TAG 632							PH
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
190216	140536	**17.4**	**2.8**	**99.9**	**7.7**	**1.10**	**0.93**	**7.9**	**18.1**	**3**	**154**
NOTES:											

LOT 108				TAG 048							PH
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
RK-237	SYN	**18.3**	**2.7**	**100**	**13.7**	**1.03**	**1.41**	**18.5**	**14.0**	**2**	**197**
NOTES:											

LOT 109				TAG 438							PH
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
190008	160313	**18.7**	**3.2**	**99.9**	**9.5**	**0.09**	**0.44**	**21.3**	**17.2**	**2**	**169**
NOTES:											

LOT 110				TAG 446							PH
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
190008	170361	**18.7**	**2.8**	**99.7**	**7.0**	**0.59**	**1.30**	**8.3**	**18.0**	**3**	**136**
NOTES:											

LOT 111				TAG 911							PP
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
190132	170004	**17.2**	**2.4**	**99.9**	**5.7**	**0.97**	**2.03**	**21.0**	**21.8**	**3**	**171**
NOTES:											

LOT 112				TAG 212							PH
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
190068	140405	**16.8**	**2.8**	**99.9**	**9.3**	**0.65**	**0.75**	**15.0**	**16.9**	**3**	**180**
NOTES:											

LOT 113				TAG 505							PP
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
190132	160329	**19.0**	**2.5**	**99.9**	**5.8**	**1.41**	**3.60**	**11.5**	**20.6**	**3**	**170**
NOTES:											

LOT 114				TAG 424							PP
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
190008		**16.3**	**2.8**	**99.9**	**8.2**	**-0.33**	**0.42**	**7.3**	**19.9**	**3**	**150**
NOTES:											

LOT 115				TAG 287							PP
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
WP2032	SYN	**17.7**	**2.8**	**99.9**	**12.0**	**1.19**	**2.42**	**13.7**	**14.5**	**3**	**187**
NOTES:											

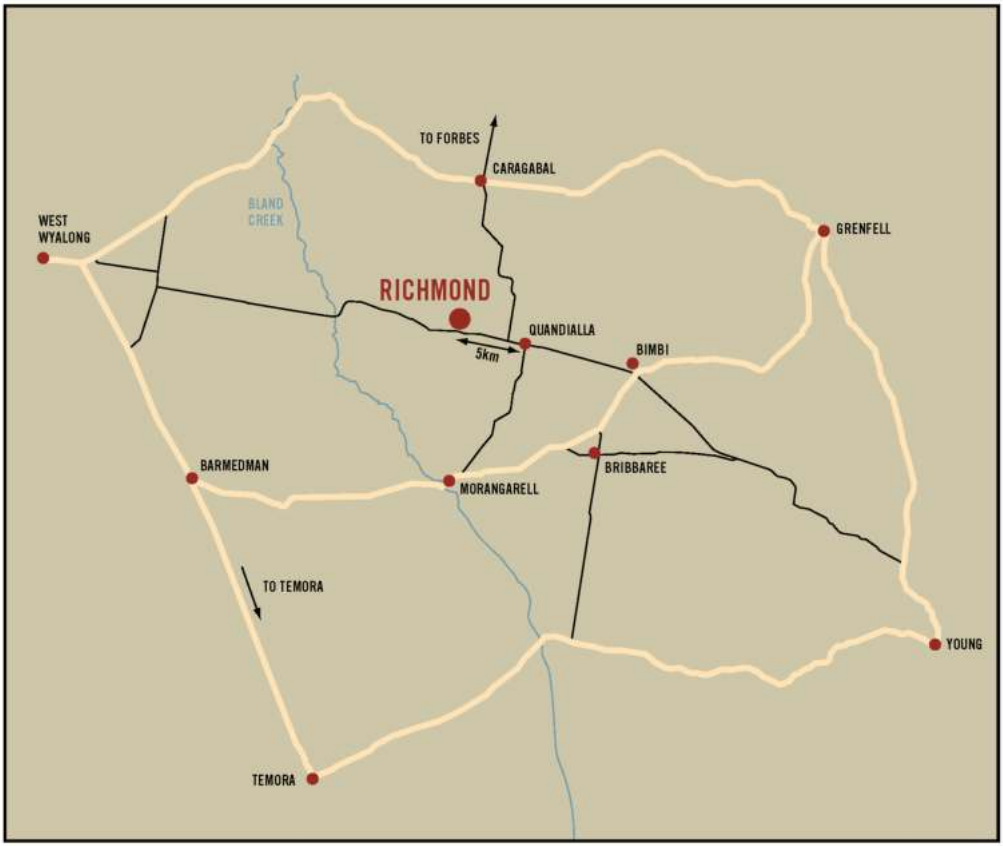
LOT 116				TAG 652						Poll no genomics	
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
190689	WP291	**15.9**	**2.6**	**99.9**	**8.1**	**0.45**	**1.61**	**12.3**	**17.8**	**3**	**161**
NOTES:											

LOT 117				TAG 386						PH	
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
170013		**16.5**	**2.6**	**99.9**	**6.9**	**0.06**	**2.18**	**8.4**	**17.3**	**3**	**170**
NOTES:											

LOT 118				TAG 654						PH	
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
190689	170013	**16.3**	**2.8**	**99.9**	**11.8**	**0.40**	**2.41**	**13.1**	**18.1**	**3**	**190**
NOTES:											

LOT 119				TAG 348						PP	
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
170013	140252	**15.1**	**2.3**	**100**	**3.1**	**-0.38**	**1.46**	**15.5**	**14.9**	**2**	**166**
NOTES:											

LOT 120				TAG 007						PH	
SIRE	DAMS SIRE	MIC	SD	CF%	YWT	YFAT	YEMD	YCFW	YSL	B/COV	DP+
RK-237	170004	**17.7**	**2.6**	**100**	**8.1**	**0.61**	**0.86**	**22.9**	**14.0**	**3**	**186**
NOTES:											



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