



Balmoral Sire Evaluation Group



Field Day

Friday 16th February 2018

2015 Drop

RAW DATA, ADJUSTED SIRE MEANS and FLOCK BREEDING VALUES (FBVs)



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For further information about Merino Sire Evaluation please contact Ben Swain, AMSEA Executive Officer, on 0427 100 542 or ben.swain@bcsagribusiness.com.au

Acknowledgement

The Merino Lifetime Productivity Project is being undertaken in partnership between the Australian Merino Sire Evaluation Association Incorporated (AMSEA) and Australian Wool Innovation (AWI). AMSEA and AWI would like to acknowledge those entities who also contribute funding, namely Woolgrowers through sire evaluation entry fees, site hosts, site committee in-kind contributions, and sponsors of AMSEA. A special acknowledgement is also made to the Australian Government who support research, development and marketing of Australian wool.

Disclaimer

This publication contains raw data which has not been adjusted for factors that may improve its accuracy. It should only be used as a general aid and is not a substitute for specific advice. To the extent permitted by law, AWI and AMSEA exclude all liability for loss or damage arising from the use of the information in this publication. © 2018 Australian Wool Innovation Limited and Australian Merino Sire Evaluation Association Incorporated. All rights reserved.

Updates

This publication will be updated on a regular basis as further assessments are undertaken. For the latest information visit www.merinosuperiorsires.com.au.

Understanding the Results

The sire results displayed at this field day include **Raw Data, Adjusted Sire Means and Within-Site and Within-Drop Flock Breeding Values (FBVs)**.

Term	Definition																
Site Breeding Objective:	The goal is to select sheep that are productive and well grown, with sound conformation and carrying heavy fine wool fleeces of good character, colour and nourishment suitable for the western Victorian environment.																
Raw data:	Ewe progeny data which is unadjusted for birth type, rear type, age of dam, age of measurement or management group. No account is made for trait heritability and genetic correlations between traits.																
Adjusted Sire Means	Sire means are the average performance of all the progeny of a sire adjusted for an individual's sex, birth type, rear type, age of dam, age of measurement and management group, in order to improve the accuracy of the result. The information used for the adjustment is based on the actual performance of the drop. No account is made for trait heritability and genetic correlations between traits. The overall progeny group mean is listed at the bottom of the table.																
Within-Site and Within-Drop Flock Breeding Values (FBVs):	FBVs presented at this field day are calculated from data recorded within-site and within-drop and express the expected performance of progeny of a sire relative to another sire in the evaluation (when mated to the same standard of ewes). FBVs improve the accuracy of sire results because they account for the association between traits, adjustment for birth effects and the number of progeny a sire has in the analysis.																
The three types of data presented in this report have been chosen to be inclusive of the woolgrower demand for diverse data requirements.																	
Age at assessment:	<table border="0" style="width: 100%;"> <tr> <td>M = Marking</td> <td>- 14 to 42 days</td> <td>Y = Yearling</td> <td>- 300 to 400 days</td> </tr> <tr> <td>W = Weaning</td> <td>- 42 to 120 days</td> <td>H = Hogget</td> <td>- 400 to 540 days</td> </tr> <tr> <td>E = Early Post Weaning</td> <td>- 120 to 210 days</td> <td>A2 = Adult</td> <td>- 1.5 to 2.5 years</td> </tr> <tr> <td>P = Post Weaning</td> <td>- 210 to 300 days</td> <td>A3 = Adult</td> <td>- 2.5 to 3.5 years</td> </tr> </table>	M = Marking	- 14 to 42 days	Y = Yearling	- 300 to 400 days	W = Weaning	- 42 to 120 days	H = Hogget	- 400 to 540 days	E = Early Post Weaning	- 120 to 210 days	A2 = Adult	- 1.5 to 2.5 years	P = Post Weaning	- 210 to 300 days	A3 = Adult	- 2.5 to 3.5 years
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Breeders flock, Sire number:	Identity of the breeder's flock and the sire's number or name.																
Classers Visual Grade:	A Professional Classer grades all progeny as either Tops, Flocks or Culls based on their visual assessment of all traits relative to the Site's Breeding Objective. This is done in conjunction with the assessment of a range of visual traits.																
F1 Ewe:	First generation Merino ewe progeny that will be assessed through life.																
F2 Progeny:	Progeny of the F1 ewe that are assessed until weaning and then leave the project.																
Indexes:	A breeding index combines multiple measured traits into a single value that reflects a certain emphasis on these traits (see Understanding Indexes for more information).																
Professional Grade:	A Professional Classer grades all progeny as either a Top, First, Flock, Sale or Cull based on their visual assessment of all traits relative to the Site's Breeding Objective.																
Traits: Abbreviation, trait and the (units reported)	<table border="0" style="width: 100%;"> <tr> <td>GFW: Greasy fleece weight (kg/%)</td> <td>EMD: Eye muscle depth (mm) at the 'C' site</td> </tr> <tr> <td>CFW: Clean fleece weight (kg/%)</td> <td>FAT: Fat depth (mm) at the 'C' site</td> </tr> <tr> <td>FD: Average fibre diameter (um)</td> <td>WEC: Worm egg count (%)</td> </tr> <tr> <td>WT: Body weight (kg)</td> <td>NLB: Number of lambs born (lambs/100 ewes)</td> </tr> <tr> <td>FDCV: Fibre diameter coefficient of variation (%)</td> <td>NLW: Number of lambs weaned (lambs/100 ewes)</td> </tr> <tr> <td>SL: Staple length (mm) at the mid-side</td> <td></td> </tr> <tr> <td>SS: Staple strength (Nktex) at the mid-side</td> <td></td> </tr> </table>	GFW: Greasy fleece weight (kg/%)	EMD: Eye muscle depth (mm) at the 'C' site	CFW: Clean fleece weight (kg/%)	FAT: Fat depth (mm) at the 'C' site	FD: Average fibre diameter (um)	WEC: Worm egg count (%)	WT: Body weight (kg)	NLB: Number of lambs born (lambs/100 ewes)	FDCV: Fibre diameter coefficient of variation (%)	NLW: Number of lambs weaned (lambs/100 ewes)	SL: Staple length (mm) at the mid-side		SS: Staple strength (Nktex) at the mid-side			
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Visual Traits: Based on the Visual Sheep Scores. Further traits are available in the Site Report.	<table border="0" style="width: 100%;"> <tr> <td>BWR: Breech Wrinkle</td> </tr> <tr> <td>BCOV: Breech Cover</td> </tr> <tr> <td>DAG: Dag</td> </tr> <tr> <td>BDWR: Body wrinkle</td> </tr> <tr> <td>COL: Wool Colour</td> </tr> <tr> <td>FLROT: Fleece Rot</td> </tr> <tr> <td>CHAR: Wool character</td> </tr> <tr> <td>LEGS: Feet and Legs</td> </tr> <tr> <td>FACE: Face Cover</td> </tr> </table>	BWR: Breech Wrinkle	BCOV: Breech Cover	DAG: Dag	BDWR: Body wrinkle	COL: Wool Colour	FLROT: Fleece Rot	CHAR: Wool character	LEGS: Feet and Legs	FACE: Face Cover							
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Trait Leaders:	The highest performing 3 (or more if equal) sires for each trait (trait leaders) are highlighted by shading .																

Sire and Contact Details

Breeders flock, Sire name Sire ID #, Breed †	Contact Details
Billandri Poll, 130087 (Link) 600571-2013-130087, Poll Merino	Bill Sandilands Billandri, Kendenup WA 6323 P: (08) 9851 4030, M: 0427 514 030, E: billandri@inet.net.au
Bogo, 111424 (Link) 504792-2011-111424, Merino	Malcolm Peake Ravenswood, Boambolo Road, Yass NSW 2582 P: (02) 6227 1223, M: 0408 426 103, E: info@bogomerinos.com.au
Bundaleer Poll, 13V741 601449-2013-13V741, Poll Merino	Peter and Gavin Lieschke Pine Ridge, RMB 123, Walla Walla NSW 2659 P: (02) 6029 0142, M: 0409 778 220, E: lieschke@skymesh.com.au
Bundilla, 111265 504081-2011-111265, Merino	Ross, Rick & Jill Baldwin Bundilla, 706 Tubbul Road, Young NSW 2594 P: (02) 6383 3802, M: 0429 833 837, E: bundillamerinos@bigpond.com
Centre Plus Poll, 207316 601250-2012-207316, Poll Merino	Robert Mortimer Devondale, Tullamore NSW 2874 P: (02) 6892 8259, M: 0429 928 292, E: robert@centreplus.com.au
Darriwell, 130941 (Link) 503655-2013-130941, Merino	Russell Jones Darriwell, 924 Darriwell Rd, Trundle NSW 2875 P: (02) 6869 9242, M: 0428 699 243, E: darriwool@hotmail.com
Glenpaen, 120042 504654-2012-120042, Merino	Rod Miller 733 Victoria Valley Rd, Brimpaen VIC 3401 P: (03) 5383 9227, M: 0428 539 227, E: glenpaen@gmail.com
Greenfields Poll, 130599 600240-2013-130599, Poll Merino	Daryl Smith Glenville, Cowell SA 5602 P: (08) 8628 5032, M: 0428 285 033, E: glenville@activ8.net.au
Hazeldean, 11.43 (Link) 500383-2011-000043, Merino	Jim Litchfield Hazeldean Pty Ltd, Cooma NSW 2630 P: (02) 6453 5555, M: 0417 676 561, E: admin@hazeldean.com.au
Kurra-Wirra, SR5681 504173-2013-SR5681, Merino	Anthony Close Kurra Wirra, 770 Moree-Culla Rd, Culla VIC 3315 P: (03) 5570 4238, M: 0437 085 217, E: anthony@kurrawirra.com.au
Leahcim Poll, 090918 (Link) 600815-2009-090918, Poll Merino	Andrew and Rosemary Michael PO Box 31, Snowtown SA 5520 P: (08) 8865 2085, M: 0418 828 431, E: leahcimgenetics@bigpond.com
Leahcim Poll, 123153 600815-2012-123153, Poll Merino	Andrew and Rosemary Michael PO Box 31, Snowtown SA 5520 P: (08) 8865 2085, M: 0418 828 431, E: leahcimgenetics@bigpond.com
Merinotech WA Poll, 100081 (Link) 609040-2010-100081, Poll Merino	Ian Robertson Merinotech (WA) Ltd, RMB 311, Kojonup WA 6395 P: (08) 9833 6251, E: yarrak311@optusnet.com.au
Mokanger, 120092 (Link) 504888-2012-120092, Merino	Richard McShane Mokanger Past Co, 711 Mokanger Road, Cavendish VIC 3314 P: (03) 5574 2367, M: 0418 528 763, E: mokanger2@bigpond.com
Moojepin, 100248 (Link) 504637-2010-100248, Merino	Mark Wootton 1874 Hensley Park Road, Hensley Park VIC 3315 P: (03) 5574 8246, M: 0427 748 252, E: office@jigsawfarms.com.au

Sire and Contact Details

Breeder's flock, Sire name Sire ID #, Breed †	Contact Details
Mumblebone, 130389 (Link) 500063-2013-130389, Merino	Chad Taylor Marapana, 456 Wuuluman Road, Wellington NSW 2820 P: (02) 6845 3620, M: 0458 453 608, E: chad@mumblebone.com.au
Mumblebone, 130850 (Link) 500063-2013-130850, Merino	Chad Taylor Marapana, 456 Wuuluman Road, Wellington NSW 2820 P: (02) 6845 3620, M: 0458 453 608, E: chad@mumblebone.com.au
Nareeb Nareeb, 130380 500246-2013-130380, Merino	Richard Beggs 4395 Hamilton Chatsworth Rd, Nareeb VIC 3293 P: (03) 5577 8222, M: 0429 025 056, E: office@nareebnareeb.com.au
Nerstane, 130467 (Link) 503298-2013-130467, Merino	John, Hamish and Jock McLaren Nerstane, Woolbrook NSW 2354 P: (02) 6777 5881, M: 0429 775 891, E: info@nerstane.com.au
One Oak No. 2, R56 (Link) 503855-2010-100R56, Merino	Graham Wells 1763 Great Alpine Road, Smoko VIC 3741 M: 0428 44 2930, E: oneoakpl@bigpond.com
Roseville Park, 140019 (Link) 504166-2014-140019, Merino	Matthew and Cherie Coddington Glenwood, 39R Dilladerry Rd MS3, Dubbo NSW 2830 P: (02) 6887 7286, M: 0428 635 386, E: rpmerinos@bigpond.com
The Mountain Dam, 11/ESA004 (Link) 504572-2011-ESA004, Merino	Tom Silcock The Mountain Dam, 429 Silcocks Road, Telangatuk East VIC 3401 P: (03) 5388 2288, M: 0419 882 239, E: tom@themountaindam.com.au
Tuckwood Poll, 121021 601053-2012-121021, Poll Merino	Geoff Tucker PMB 21, Millicent SA 5280 P: (08) 8734 2050, M: 0427 342 050, E: geomag@activ8.net.au
Yalgoo, 120043 (Link) 501552-2012-120043, Merino	Jock Nivison Yalgoo, PO Box 141, Walcha NSW 2354 P: (02) 6777 2088, M: 0497 762 977, E: jock@yalgoogenetics.com.au
Yiddinga, 130374 (Unreg) 509242-2013-130374, Merino	Jim Farran 220 Edenhope-Penola Road, Edenhope VIC 3318 P: (03) 5585 1888, M: 0408 310 107, E: j.farran@bigpond.com

- # Sire ID provides a unique number for all sheep. A sire ID has 16 digits.
- 2 for the breed of the flock, e.g., Merino (50), Poll Merino (60), Dohne (51), SAMM (48), Afrino (AF)
 - 4 for flock code, AASMB Registered flock code or unregistered code.
 - 4 for year of drop.
 - 6 for tag number used in the breeder's records.

† Breed of flock in which the sire was born

(Link) Sire evaluated to provide links between years and sites so that the all site results can be combined into a single report, e.g., *Merino Superior Sires*.

(Unreg) Sire bred in an unregistered flock.

RAW DATA

Counts - 2015 Drop F1 Ewes

Breeders flock, Sire number	Marking 3/9/15	Weaning 9/11/15	Post Weaning Shearing 11/4/16	Adult2 Shearing 31/3/17	Adult2 Preg Scanning 27/6/17	Adult2 F2 Weaning 13/12/17	Adult3 Classing 2/2/18
Billandri Poll, 130087	19	18	16	15	15	15	15
Bogo, 111424	29	28	24	24	24	23	23
Bundaleer Poll, 13V741	32	29	29	29	29	29	29
Bundilla, 111265	22	22	20	20	20	20	20
Centre Plus Poll, 207316	25	24	23	22	21	21	21
Darriwell, 130941	21	20	18	18	18	18	18
Glenpaen, 120042	27	27	26	25	25	25	25
Greenfields Poll, 130599	27	24	22	20	20	20	20
Hazeldean, 11.43	31	29	27	27	27	27	27
Kurra-Wirra, SR5681	31	31	23	21	21	21	21
Leahcim Poll, 090918	29	29	27	27	27	26	26
Leahcim Poll, 123153	23	23	22	22	22	22	22
Merinotech WA Poll, 100081	28	26	26	26	26	25	25
Mokanger, 120092	19	19	19	18	18	17	17
Moojepin, 100248	23	22	21	21	21	20	20
Mumblebone, 130389	15	14	13	13	13	13	13
Mumblebone, 130850	15	15	15	15	15	14	14
Nareeb Nareeb, 130380	26	25	25	25	25	22	22
Nerstane, 130467	31	31	25	25	25	25	24
One Oak No. 2, R56	39	39	36	36	36	34	33
Roseville Park, 140019	20	19	18	18	18	18	18
The Mountain Dam, 11/ESA004	32	32	32	32	31	31	31
Tuckwood Poll, 121021	29	29	29	29	29	29	28
Yalgoo, 120043	32	32	31	31	31	29	29
Yiddinga, 130374	27	27	27	27	27	27	27
Average	26	25	24	23	23	23	23
Total	652	634	593	586	584	571	568

Reductions in F1 Ewe counts are a results of mortality and culling for welfare reasons.

RAW DATA

Wool Measurements – 2015 Drop F1 Ewes

Breeders flock, Sire number	Post Weaning 17/3/16				Adult2 6/3/17						Adult3 2/2/18			
	GFW (kg)	CFW (kg)	FD (um)	CV (%)	GFW (kg)	CFW (kg)	FD (um)	CV (%)	SL (mm)	SS (mm)	FD (um)	CV (%)	SL (mm)	SS (mm)
Billandri Poll, 130087	2.3	1.4	16.2	20.0	4.7	3.4	17.0	17.0	94.9	37.5	18.7	16.7	95.1	37.6
Bogo, 111424	1.9	1.1	14.4	20.0	4.4	3.3	15.5	17.7	87.7	28.0	16.7	17.0	90.6	29.9
Bundaleer Poll, 13V741	2.1	1.1	14.9	19.7	4.5	3.2	16.4	16.6	86.1	40.0	17.5	15.6	86.4	32.7
Bundilla, 111265	2.3	1.3	15.7	20.3	4.7	3.5	16.8	18.4	87.5	39.0	18.2	17.0	84.1	35.4
Centre Plus Poll, 207316	2.0	1.1	14.6	19.4	4.3	3.1	15.7	16.3	89.5	35.9	17.0	16.6	90.8	32.7
Darriwell, 130941	2.0	1.2	15.8	20.1	4.6	3.5	16.9	17.1	84.9	42.6	18.9	17.6	84.2	45.0
Glenpaen, 120042	2.1	1.1	14.6	20.6	4.6	3.3	15.8	17.6	86.8	36.4	17.4	17.0	89.4	36.8
Greenfields Poll, 130599	2.1	1.2	15.3	21.1	4.6	3.4	16.4	18.9	91.5	36.9	17.6	18.2	89.4	31.3
Hazeldean, 11.43	2.2	1.3	14.9	20.6	4.8	3.5	16.4	17.7	92.5	33.0	17.8	17.5	91.8	32.7
Kurra-Wirra, SR5681	2.1	1.2	15.3	21.2	4.5	3.4	16.4	17.9	89.3	41.7	18.1	17.4	88.8	38.0
Leahcim Poll, 090918	1.8	1.1	15.3	20.0	4.1	3.0	16.8	17.5	93.1	34.8	18.5	16.5	91.9	32.9
Leahcim Poll, 123153	1.9	1.1	15.2	18.8	4.2	3.1	16.6	16.3	94.6	31.9	18.0	16.6	92.1	31.2
Merinotech WA Poll, 100081	2.0	1.2	15.3	18.6	4.5	3.3	16.7	16.2	94.0	41.4	17.5	16.1	89.6	34.9
Mokanger, 120092	2.0	1.2	14.8	21.7	4.4	3.4	16.4	18.4	80.1	41.5	18.0	17.2	82.2	44.8
Moojepin, 100248	2.1	1.2	16.2	19.5	4.5	3.1	17.3	17.0	101.3	38.3	18.1	17.3	93.9	29.3
Mumblebone, 130389	1.9	1.1	15.5	19.4	4.2	3.0	16.9	17.2	93.3	34.0	18.3	17.3	92.9	35.1
Mumblebone, 130850	2.1	1.1	16.3	18.0	4.1	2.8	16.9	15.5	95.3	33.5	18.0	15.4	95.6	30.5
Nareeb Nareeb, 130380	2.2	1.3	15.5	19.5	4.3	3.2	16.5	16.8	88.1	39.3	18.0	16.6	89.4	37.1
Nerstane, 130467	2.2	1.2	14.8	20.8	4.9	3.5	16.2	17.5	94.8	39.8	17.4	17.3	89.2	35.5
One Oak No. 2, R56	2.0	1.2	14.9	21.5	4.6	3.4	15.9	18.5	85.9	31.5	17.4	18.3	86.8	36.1
Roseville Park, 140019	2.0	1.2	15.5	20.5	4.3	3.3	16.8	17.7	88.6	41.3	18.0	16.8	87.5	33.5
The Mountain Dam, 11/ESA004	2.0	1.2	15.1	20.7	4.1	3.0	15.7	17.9	90.6	32.7	17.2	17.4	90.5	31.7
Tuckwood Poll, 121021	2.2	1.3	15.4	20.1	4.5	3.3	16.6	17.0	95.9	35.5	18.1	17.5	92.9	31.9
Yalgoo, 120043	2.1	1.2	14.7	19.0	4.2	3.1	15.3	16.6	90.8	36.5	16.3	16.3	88.0	35.9
Yiddinga, 130374	2.1	1.2	15.6	18.9	4.4	3.2	16.4	15.8	91.8	40.1	17.3	15.1	89.6	34.4
Average	2.1	1.2	15.3	20.0	4.4	3.3	16.4	17.2	90.8	36.9	17.8	16.9	89.7	34.7

RAW DATA

Weights – 2015 Drop F1 Ewes

Breeders flock, Sire number	Weaning (kg)	Post Weaning Shearing (kg)	Yearling (kg)	Weight Gain (kg)	Adult2 Joining (kg)	Weight Gain (kg)	Adult2 Preg Scanning (kg)	Adult2 F2 Weaning (kg)
	9/11/15	11/4/16	26/9/16	Weaning to Yearling	31/3/17	Weaning to Joining	27/6/17	13/12/17
Billandri Poll, 130087	22.9	27.5	36.6	13.7	36.1	13.2	48.5	54.5
Bogo, 111424	22.4	24.7	35.6	13.2	36.0	13.6	51.7	53.9
Bundaleer Poll, 13V741	22.5	27.2	35.8	13.3	37.4	14.9	50.2	56.6
Bundilla, 111265	24.4	28.9	41.0	16.6	40.4	16.0	55.7	59.5
Centre Plus Poll, 207316	21.6	24.6	35.2	13.6	35.8	14.2	48.3	51.2
Darriwell, 130941	23.7	26.4	35.6	11.9	36.6	12.9	51.9	58.1
Glenpaen, 120042	22.7	26.1	36.5	13.8	36.0	13.3	50.2	59.5
Greenfields Poll, 130599	22.3	25.8	34.8	12.5	34.7	12.4	47.0	51.6
Hazeldean, 11.43	23.7	27.1	39.3	15.6	38.4	14.7	54.7	57.9
Kurra-Wirra, SR5681	21.7	23.8	32.8	11.1	32.8	11.1	47.0	51.2
Leahcim Poll, 090918	23.3	26.8	35.2	11.9	36.9	13.6	49.5	56.5
Leahcim Poll, 123153	23.1	26.9	35.8	12.7	37.3	14.2	50.0	56.5
Merinotech WA Poll, 100081	22.2	25.8	35.9	13.7	38.1	15.9	49.7	55.6
Mokanger, 120092	23.3	25.9	35.6	12.3	36.7	13.4	50.6	57.5
Moojepin, 100248	23.3	28.9	41.7	18.4	42.3	19.0	55.3	59.0
Mumblebone, 130389	22.6	26.4	34.0	11.4	35.2	12.6	48.2	52.3
Mumblebone, 130850	24.4	30.9	37.3	12.9	39.9	15.5	53.9	59.0
Nareeb Nareeb, 130380	23.6	27.7	36.7	13.1	38.2	14.6	52.4	56.9
Nerstane, 130467	23.1	25.4	37.4	14.3	35.4	12.3	50.1	56.5
One Oak No. 2, R56	21.8	25.1	35.5	13.7	35.1	13.3	48.3	54.6
Roseville Park, 140019	23.1	28.0	37.4	14.3	38.7	15.6	52.1	57.5
The Mountain Dam, 11/ESA004	22.7	27.2	34.6	11.9	36.7	14.0	48.8	54.9
Tuckwood Poll, 121021	24.9	28.8	39.6	14.7	39.6	14.7	54.7	59.8
Yalgoo, 120043	22.2	25.6	34.5	12.3	35.2	13.0	46.8	51.5
Yiddinga, 130374	23.3	26.8	38.2	14.9	38.4	15.1	51.4	57.0
Average	23.0	26.7	36.5	13.5	37.1	14.1	50.7	56.0

RAW DATA

Condition Score and Carcase Scanning – 2015 Drop F1 Ewes

Breeders flock, Sire number	Condition Score					Carcase Scanning			
	Yearling	Hogget	Adult2 Pre Joining	Adult2 Pre Lambing	Adult F2 Weaning	Yearling 26/9/17		Adult2 Pre Joining 15/3/17	
	26/9/16	17/11/16	15/3/17	16/8/17	13/12/17	EMD (mm)	FAT (mm)	EMD (mm)	FAT (mm)
Billandri Poll, 130087	2.9	2.9	2.9	3.1	2.9	21.3	2.6	21.7	2.9
Bogo, 111424	3.0	3.0	2.9	3.3	3.2	21.0	2.6	21.9	2.9
Bundaleer Poll, 13V741	2.9	2.9	2.9	3.3	3.2	20.6	2.5	21.2	2.8
Bundilla, 111265	3.1	3.0	3.1	3.5	3.3	22.5	3.1	22.9	3.1
Centre Plus Poll, 207316	2.9	3.0	3.0	3.2	3.1	20.8	2.5	22.2	2.9
Darriwell, 130941	2.9	3.0	2.9	3.2	3.2	20.2	2.4	20.7	2.7
Glenpaen, 120042	2.9	2.9	2.8	2.9	3.2	20.0	2.4	19.9	2.4
Greenfields Poll, 130599	2.9	2.9	2.8	3.1	3.0	20.6	2.5	20.1	2.6
Hazeldean, 11.43	3.0	3.0	3.0	3.7	3.3	21.5	2.8	21.6	2.8
Kurra-Wirra, SR5681	2.9	2.9	2.9	3.2	3.2	19.6	2.4	21.0	2.6
Leahcim Poll, 090918	2.9	2.9	3.0	3.1	3.1	21.3	2.6	21.9	2.8
Leahcim Poll, 123153	2.9	3.0	3.0	3.4	3.3	21.6	2.9	23.1	3.2
Merinotech WA Poll, 100081	3.0	3.1	3.1	3.5	3.6	21.7	2.9	23.5	3.5
Mokanger, 120092	2.9	3.0	2.9	3.4	3.4	21.2	2.6	21.4	2.8
Moojepin, 100248	3.1	3.1	3.1	3.6	3.3	23.5	3.2	23.8	3.5
Mumblebone, 130389	2.9	2.9	2.9	3.2	3.2	20.9	2.6	22.4	3.0
Mumblebone, 130850	2.9	2.9	3.0	3.3	3.2	21.7	2.6	22.7	3.1
Nareeb Nareeb, 130380	2.8	2.9	2.9	3.2	3.0	19.8	2.3	20.4	2.7
Nerstane, 130467	2.9	2.9	2.8	3.1	3.2	20.4	2.5	19.6	2.3
One Oak No. 2, R56	2.9	2.9	2.9	3.1	3.1	20.8	2.5	21.2	2.6
Roseville Park, 140019	2.9	3.0	3.0	3.2	3.3	21.0	2.6	21.8	3.0
The Mountain Dam, 11/ESA004	2.9	2.9	3.0	3.5	3.3	21.2	2.5	21.7	3.0
Tuckwood Poll, 121021	3.0	3.0	2.9	3.3	3.1	21.6	2.8	21.8	2.8
Yalgoo, 120043	2.9	2.9	2.9	3.1	3.3	20.8	2.6	20.8	2.7
Yiddinga, 130374	3.0	3.0	3.0	3.4	3.5	21.4	2.8	21.9	3.1
Average	2.9	3.0	2.9	3.3	3.2	21.1	2.6	21.6	2.9

RAW DATA

F1 Ewe Birth and Rear Type – 2015 Drop F1 Ewes

This relates to 2015 Drop F1 Ewes own birth and rear type, not that of their progeny

Breeders flock, Sire number	F1 Ewes Weaned	Birth Type (Scanning)		Rear Type (Weaning)	
		Single	Twin	Single	Twin
Billandri Poll, 130087	18	13	5	15	3
Bogo, 111424	28	26	2	27	1
Bundaleer Poll, 13V741	29	26	3	27	2
Bundilla, 111265	22	21	1	22	
Centre Plus Poll, 207316	24	21	3	23	1
Darriwell, 130941	20	14	6	15	5
Glenpaen, 120042	27	23	4	24	3
Greenfields Poll, 130599	24	18	6	21	3
Hazeldean, 11.43	29	26	3	27	2
Kurra-Wirra, SR5681	31	30	1	31	
Leahcim Poll, 090918	29	29		29	
Leahcim Poll, 123153	23	23		23	
Merinotech WA Poll, 100081	26	22	4	24	2
Mokanger, 120092	19	17	2	19	
Moojepin, 100248	22	22		22	
Mumblebone, 130389	14	13	1	13	1
Mumblebone, 130850	15	14	1	15	
Nareeb Nareeb, 130380	25	24	1	25	
Nerstane, 130467	31	28	3	29	2
One Oak No. 2, R56	39	34	5	35	4
Roseville Park, 140019	19	19		19	
The Mountain Dam, 11/ESA004	32	30	2	31	1
Tuckwood Poll, 121021	29	28	1	29	
Yalgoo, 120043	32	30	2	30	2
Yiddinga, 130374	27	26	1	26	1
Total	634	577 91%	57 9%	601 95%	33 5%

RAW DATA

Reproduction in 2017 – 2015 Drop F1 Ewes

Breeders flock, Sire number	Ewes Joined	Pregnancy Scanning – Ewe Numbers						F2 Progeny Weaning - Lamb Numbers				
		Empty	Single	Twin	Triplet	Number Foetuses	Foetus Rate ¹	Single	Twin	Lambs	Survival ²	Weaning Rate ³
Billandri Poll, 130087	15		13	2		17	113%	12	2	14	82%	93%
Bogo, 111424	24	2	15	7		29	121%	14	6	20	69%	83%
Bundaleer Poll, 13V741	29	3	21	5		31	107%	22	2	24	77%	83%
Bundilla, 111265	20		10	10		30	150%	15	4	19	63%	95%
Centre Plus Poll, 207316	21		16	4	1	27	129%	16	2	18	67%	86%
Darriwell, 130941	18	2	14	2		18	100%	13	2	15	83%	83%
Glenpaen, 120042	25	5	16	4		24	96%	15		15	63%	60%
Greenfields Poll, 130599	20		12	8		28	140%	14	8	22	79%	110%
Hazeldean, 11.43	27	3	11	13		37	137%	18	8	26	70%	96%
Kurra-Wirra, SR5681	21	1	18	2		22	105%	18	2	20	91%	95%
Leahcim Poll, 090918	27	2	24	1		26	96%	21		21	81%	78%
Leahcim Poll, 123153	22	3	19			19	86%	15		15	79%	68%
Merinotech WA Poll, 100081	26		17	9		35	135%	17	4	21	60%	81%
Mokanger, 120092	18	1	16	1		18	100%	11		11	61%	61%
Moojepin, 100248	21	2	13	6		25	119%	14	8	22	88%	105%
Mumblebone, 130389	13		9	4		17	131%	8	2	10	59%	77%
Mumblebone, 130850	15		8	7		22	147%	8	6	14	64%	93%
Nareeb Nareeb, 130380	25	2	11	11	1	36	144%	14	12	26	72%	104%
Nerstane, 130467	25	3	16	6		28	112%	11	10	21	75%	84%
One Oak No. 2, R56	36	5	30	1		32	89%	26		26	81%	72%
Roseville Park, 140019	17		16	1		18	106%	15		15	83%	88%
The Mountain Dam, 11/ESA004	32	2	28	2		32	100%	22	2	24	75%	75%
Tuckwood Poll, 121021	29	3	19	6	1	34	117%	22	6	28	82%	97%
Yalgoo, 120043	31	2	23	6		35	113%	18		18	51%	58%
Yiddinga, 130374	27	2	20	5		30	111%	16	2	18	60%	67%
Total	584	43 7%	415 71%	123 21%	3 1%	670	115%	395 82%	88 18%	483	72%	83%

¹Foetus rate is calculated by number of foetuses divided by ewes joined ²Survival is calculated between foetuses scanned and lambs weaned. ³Weaning rate is calculated by lambs weaned divided by ewes joined

RAW DATA

Visual Scores – 2015 Drop F1 Ewes

Breeders flock, Sire number	Post Weaning 17/3/16				Adult2 6/3/17						Adult3 2/2/18				
	BWR	BCOV	DAG	COL	BDWR	COL	FLROT	CHAR	LEGS	FACE	COL	FLROT	CHAR	LEGS	FACE
Billandri Poll, 130087	2.6	3.1	1.2	3.0	2.3	2.8	2.1	2.8	2.4	2.8	2.8	2.5	3.2	2.1	2.8
Bogo, 111424	2.4	3.0	1.4	3.0	2.3	1.9	1.0	2.5	2.2	2.8	2.0	1.5	2.6	2.2	2.9
Bundaleer Poll, 13V741	2.2	2.8	1.8	2.7	2.3	2.7	1.9	2.7	2.2	2.8	2.6	1.6	2.5	2.0	2.9
Bundilla, 111265	2.6	3.1	1.2	2.7	2.1	2.3	2.5	3.0	2.3	2.9	2.4	1.4	3.3	2.1	3.1
Centre Plus Poll, 207316	2.2	2.8	1.3	3.0	2.4	2.5	2.3	2.4	2.3	2.3	2.4	1.9	2.4	2.2	2.6
Darriwell, 130941	2.6	3.2	1.2	2.8	2.6	2.5	2.1	3.0	2.3	3.0	2.9	2.0	3.2	2.1	3.1
Glenpaen, 120042	3.0	3.3	1.5	3.1	2.5	2.6	2.9	2.6	2.3	3.0	2.2	1.8	2.5	1.9	3.1
Greenfields Poll, 130599	2.4	3.1	1.9	2.8	2.1	2.7	1.8	2.8	2.3	2.8	2.7	2.0	2.9	2.2	3.0
Hazeldean, 11.43	2.8	3.2	1.4	2.8	2.4	2.5	2.4	2.6	2.2	2.5	2.5	2.0	2.6	2.2	3.1
Kurra-Wirra, SR5681	2.9	3.2	1.1	3.0	2.4	2.2	1.6	2.7	2.8	2.8	2.2	1.5	2.8	2.8	3.0
Leahcim Poll, 090918	1.6	2.7	1.2	2.8	1.2	2.7	2.4	2.9	2.3	2.5	2.9	1.9	3.1	2.4	2.8
Leahcim Poll, 123153	1.9	3.1	1.8	2.8	1.3	2.5	2.0	2.7	2.5	2.4	2.7	2.0	2.9	2.4	2.8
Merinotech WA Poll, 100081	2.3	2.9	1.8	2.5	2.2	2.2	1.4	3.0	2.4	2.7	2.2	1.5	3.0	2.4	2.7
Mokanger, 120092	2.9	3.4	2.2	2.9	2.9	2.3	2.6	3.0	2.2	2.9	2.2	1.6	2.9	2.1	3.0
Moojepin, 100248	1.8	2.7	1.1	3.2	1.4	2.9	2.1	3.5	2.0	2.4	3.0	2.3	3.6	1.8	2.3
Mumblebone, 130389	2.3	3.3	1.3	2.5	1.3	2.4	2.1	2.7	2.4	2.7	2.6	2.1	3.0	2.7	2.8
Mumblebone, 130850	1.5	2.8	1.2	3.0	1.3	2.4	1.4	2.6	2.1	2.3	2.0	1.2	2.6	2.0	2.3
Nareeb Nareeb, 130380	2.2	3.1	1.5	2.8	2.0	2.3	1.4	2.9	2.2	2.7	2.1	1.2	2.9	2.3	2.8
Nerstane, 130467	3.0	3.6	1.9	2.6	2.6	2.2	1.2	2.6	2.3	2.9	2.1	1.1	2.8	2.3	3.2
One Oak No. 2, R56	3.4	3.8	1.4	2.9	2.8	2.6	2.3	3.0	2.2	3.0	2.5	1.8	3.1	2.2	3.3
Roseville Park, 140019	2.0	3.0	1.4	3.0	2.2	2.5	2.1	2.6	2.6	2.7	2.3	1.9	2.7	2.0	2.8
The Mountain Dam, 11/ESA004	2.2	3.2	1.4	2.7	1.9	2.4	1.7	3.0	2.4	2.9	2.6	1.8	3.2	2.4	3.1
Tuckwood Poll, 121021	2.3	3.0	1.6	2.5	1.7	2.0	1.4	2.8	2.3	2.6	2.2	1.3	3.0	2.1	2.9
Yalgoo, 120043	2.7	3.2	1.7	2.3	2.4	1.8	1.2	2.4	2.1	2.6	2.0	1.3	2.7	2.0	3.1
Yiddinga, 130374	2.1	3.0	2.0	2.6	1.9	2.2	1.5	3.0	2.2	2.7	2.3	1.3	2.9	2.1	2.8
Average	2.4	3.1	1.5	2.8	2.1	2.4	1.9	2.8	2.3	2.7	2.4	1.7	2.9	2.2	2.9

RAW DATA

Professional Classer Grade – 2015 Drop F1 Ewes

Classer: Bill Walker

Results are ewe numbers as classed into each grade.

Breeders flock, Sire number	Post Weaning 17/3/16					Adult2 6/3/17					Adult3 2/2/18				
	Top	First	Flock	Sale	Cull	Top	First	Flock	Sale	Cull	Top	First	Flock	Sale	Cull
Billandri Poll, 130087		5	6	2	2	2	2	5	5			2	6	5	2
Bogo, 111424		1	11	13	1	3	8	9	2		1	5	17		
Bundaleer Poll, 13V741		2	14	12	1	1	7	12	4	1		8	15	5	1
Bundilla, 111265		1	14	5	1	1		7	9	1			14	5	1
Centre Plus Poll, 207316		2	8	10	4	1	5	10	5	1		2	11	6	2
Darriwell, 130941			7	6	6			4	7	1			12	6	
Glenpaen, 120042		2	9	11	4	2	6	4	5		1	7	12	5	
Greenfields Poll, 130599		2	9	8	3		5	3	12	2		1	11	6	2
Hazeldean, 11.43	2	4	13	6	2	2	7	11	4	1	2	3	17	4	1
Kurra-Wirra, SR5681			5	12	8		2	5	11			1	12	6	2
Leahcim Poll, 090918		1	13	11	3	1	8	6	8	3		4	12	7	3
Leahcim Poll, 123153	1	4	10	5	2	2	5	5	4	1		2	11	8	1
Merinotech WA Poll, 100081		2	13	8	2		1	4	11		1	1	17	5	1
Mokanger, 120092			5	12	2	2	3	10	5				14	3	
Moojepin, 100248		3	11	7		1	6	14	2				11	9	
Mumblebone, 130389		1	8	4			2	5	3				8	5	
Mumblebone, 130850		5	9	1		4	2	5	2		1	5	6	2	
Nareeb Nareeb, 130380		6	14	5		1	8	15	1			5	9	7	1
Nerstane, 130467			12	9	5	3	5	8	3	1	1	4	12	3	4
One Oak No. 2, R56		2	15	11	8	1	1	9	13	2		2	16	10	5
Roseville Park, 140019		1	10	5	2	1	5	7	2		2	4	12		
The Mountain Dam, 11/ESA004		3	15	12	2	1	4	12	10			2	16	8	5
Tuckwood Poll, 121021		6	13	7	2	3	7	4	8		1	5	16	6	
Yalgoo, 120043		4	15	8	3		7	14	7			2	20	5	2
Yiddinga, 130374		1	20	4	2		6	12	7			2	15	8	2
Total	3	58	279	194	65	32	112	200	150	14	10	67	322	134	35
	1%	10%	47%	32%	11%	6%	22%	39%	30%	3%	2%	12%	57%	24%	6%

ADJUSTED SIRE MEANS

Wool

Breeders flock, Sire number	PGFW (kg)	YGFW (kg)	AGFW (kg)	PCFW (kg)	YCFW (kg)	ACFW (kg)	PFD (um)	YFD (um)	AFD (um)
Billandri Poll, 130087	2.4	2.7	4.7	1.4	1.8	3.5	16.0	14.5	17.6
Bogo, 111424	2.0	2.5	4.4	1.1	1.7	3.3	14.4	13.7	16.1
Bundaleer Poll, 13V741	2.1	2.5	4.5	1.1	1.6	3.3	14.8	14.2	17.0
Bundilla, 111265	2.3	2.9	4.7	1.4	2.0	3.6	15.7	14.5	17.4
Centre Plus Poll, 207316	2.0	2.6	4.3	1.1	1.7	3.1	14.6	13.5	16.2
Darriwell, 130941	2.1	2.7	4.6	1.2	1.9	3.6	15.6	14.5	17.6
Glenpaen, 120042	2.1	2.7	4.5	1.2	1.8	3.3	14.5	13.5	16.3
Greenfields Poll, 130599	2.1	2.8	4.6	1.2	2.0	3.5	15.1	14.0	16.9
Hazeldean, 11.43	2.2	2.6	4.7	1.3	1.9	3.6	14.8	14.2	17.0
Kurra-Wirra, SR5681	2.1	2.5	4.4	1.2	1.8	3.5	15.3	13.9	17.0
Leahcim Poll, 090918	1.9	2.4	4.1	1.1	1.7	3.0	15.3	13.7	17.4
Leahcim Poll, 123153	1.9	2.4	4.1	1.1	1.7	3.1	15.2	13.9	17.3
Merinotech WA Poll, 100081	2.0	2.7	4.4	1.2	1.9	3.4	15.2	14.8	17.2
Mokanger, 120092	2.0	2.8	4.4	1.2	2.0	3.4	14.7	14.0	16.9
Moojepin, 100248	2.1	2.8	4.5	1.2	1.9	3.2	16.2	15.3	17.9
Mumblebone, 130389	2.0	2.4	4.1	1.1	1.7	3.0	15.4	14.9	17.5
Mumblebone, 130850	2.1	2.5	4.1	1.1	1.8	2.9	16.2	14.8	17.5
Nareeb Nareeb, 130380	2.2	2.6	4.2	1.3	1.8	3.3	15.4	14.6	17.1
Nerstane, 130467	2.3	2.7	4.9	1.2	1.8	3.6	14.7	14.1	16.8
One Oak No. 2, R56	2.1	2.6	4.5	1.2	1.7	3.5	14.8	13.7	16.5
Roseville Park, 140019	2.0	2.4	4.3	1.2	1.6	3.3	15.5	14.5	17.4
The Mountain Dam, 11/ESA004	2.0	2.6	4.1	1.2	1.9	3.0	15.0	14.1	16.2
Tuckwood Poll, 121021	2.3	2.8	4.4	1.3	1.9	3.4	15.3	14.3	17.2
Yalgoo, 120043	2.1	2.5	4.1	1.2	1.8	3.1	14.6	13.2	15.8
Yiddinga, 130374	2.1	2.5	4.4	1.2	1.7	3.2	15.5	14.7	17.1
Average	2.1	2.6	4.4	1.2	1.8	3.3	15.2	14.2	17.0

These Adjusted Sire Means were calculated using both the ewe and wether progeny of the sires.

W = Weaning (42 to 120 days); P = Post Weaning (210 to 300 days); Y = Yearling (300 to 400 days); H = Hogget (400 to 540 days); A = Adult (540 days and older)

ADJUSTED SIRE MEANS

Wool

Breeders flock, Sire number	PFDCV (%)	YFDCV (%)	AFDCV (%)	YSL (mm)	ASL (mm)	YSS (NKtex)	ASS (NKtex)
Billandri Poll, 130087	20.1	20.2	16.8	80.0	93.8	30.2	35.9
Bogo, 111424	20.1	19.7	17.5	75.3	87.2	30.2	26.3
Bundaleer Poll, 13V741	19.8	19.3	16.5	71.7	85.5	28.5	38.7
Bundilla, 111265	20.4	19.7	18.3	81.3	87.0	25.7	37.6
Centre Plus Poll, 207316	19.5	19.6	16.2	82.8	88.8	29.6	34.6
Darriwell, 130941	20.3	20.3	17.0	79.5	84.3	33.6	41.1
Glenpaen, 120042	20.7	20.6	17.4	75.3	86.3	29.5	35.1
Greenfields Poll, 130599	21.3	20.9	18.8	80.8	90.3	31.7	35.3
Hazeldean, 11.43	20.7	19.6	17.6	87.2	91.8	28.0	31.9
Kurra-Wirra, SR5681	21.4	21.0	17.7	74.1	88.8	26.2	40.5
Leahcim Poll, 090918	20.0	19.4	17.3	83.6	92.7	27.7	33.5
Leahcim Poll, 123153	18.9	19.3	16.1	83.8	94.2	29.0	30.3
Merinotech WA Poll, 100081	18.7	17.3	16.2	92.5	92.3	41.7	40.4
Mokanger, 120092	21.8	20.0	18.3	72.7	79.5	31.2	40.4
Moojepin, 100248	19.6	16.7	16.8	103.0	100.9	28.4	36.9
Mumblebone, 130389	19.4	17.7	17.1	86.2	92.8	35.8	32.7
Mumblebone, 130850	18.1	18.7	15.3	89.9	94.8	36.5	31.9
Nareeb Nareeb, 130380	19.6	20.0	16.6	79.1	87.6	30.5	38.0
Nerstane, 130467	20.9	19.7	17.4	85.3	94	25.0	38.7
One Oak No. 2, R56	21.6	22.7	18.4	71.2	85.2	22.0	30
Roseville Park, 140019	20.6	19.8	17.5	83.1	88.1	30.3	40.4
The Mountain Dam, 11/ESA004	20.8	19.6	17.8	86.7	89.9	29.6	31.5
Tuckwood Poll, 121021	20.1	18.9	16.8	91.9	95.2	33.6	34.2
Yalgoo, 120043	19.1	19.8	16.4	74.1	90.2	28.9	35.1
Yiddinga, 130374	18.9	17.4	15.7	79.0	91.2	39.2	39.0
Average	20.1	19.6	17.1	82.0	90.1	30.5	35.6

These Adjusted Sire Means were calculated using both the ewe and wether progeny of the sires.

W = Weaning (42 to 120 days); P = Post Weaning (210 to 300 days); Y = Yearling (300 to 400 days); H = Hogget (400 to 540 days); A = Adult (540 days and older)

ADJUSTED SIRE MEANS

Weight and Carcase

Breeders flock, Sire number	WWT (kg)	PWT (kg)	YWT (kg)	HWT (kg)	AWT (kg)	YEMD (mm)	HEMD (mm)	YFAT (mm)	HFAT (mm)
Billandri Poll, 130087	23.5	26.7	31.3	40.9	52.3	21.2	21.5	2.5	2.9
Bogo, 111424	23.1	25.4	32.5	41.7	52.1	21.2	22.2	2.6	3.0
Bundaleer Poll, 13V741	22.9	27.0	32.2	47.7	54.1	20.8	21.0	2.5	2.8
Bundilla, 111265	24.6	28.3	36.8	46.0	58.4	21.4	22.0	2.9	3.0
Centre Plus Poll, 207316	22.6	25.2	32.0	41.0	51.9	21.2	22.5	2.5	3.0
Darriwell, 130941	24.3	27.2	32.5	41.9	53.5	20.4	20.8	2.4	2.7
Glenpaen, 120042	23.2	26.2	31.8	40.5	52.2	20.0	20.0	2.4	2.5
Greenfields Poll, 130599	22.9	26.3	31.5	40.7	50.3	21.0	20.5	2.5	2.7
Hazeldean, 11.43	24.1	27.1	35.7	44.2	55.6	20.8	21.2	2.6	2.8
Kurra-Wirra, SR5681	22.3	23.8	29.3	37.7	47.4	20.6	21.9	2.5	2.8
Leahcim Poll, 090918	23.5	26.4	31.6	40.6	53.3	21.7	21.8	2.6	2.9
Leahcim Poll, 123153	23.6	27.3	32.4	41.8	54.0	21.8	23.3	2.9	3.3
Merinotech WA Poll, 100081	22.0	25.7	31.2	40.7	54.5	21.9	23.3	2.9	3.4
Mokanger, 120092	23.5	26.0	31.2	39.9	51.9	21.5	21.5	2.6	2.8
Moojepin, 100248	24.2	29.7	38.2	47.0	61.2	22.1	22.6	2.9	3.3
Mumblebone, 130389	22.7	26.6	30.5	40.5	50.9	21.6	22.8	2.7	3.1
Mumblebone, 130850	24.7	29.9	33.8	44.1	57.9	21.4	22.0	2.5	3.1
Nareeb Nareeb, 130380	24.1	27.8	32.1	42.2	55.3	19.7	20.2	2.3	2.7
Nerstane, 130467	23.3	24.9	33.1	41.5	51.2	20.2	19.8	2.4	2.4
One Oak No. 2, R56	22.8	25.5	31.7	40.2	50.9	21.1	21.5	2.5	2.7
Roseville Park, 140019	23.0	27.0	32.3	41.7	55.9	20.8	21.5	2.6	2.9
The Mountain Dam, 11/ESA004	23.3	27.2	31.6	41.2	53.0	21.7	21.8	2.6	3.0
Tuckwood Poll, 121021	25.1	28.7	35.4	44.3	57.1	20.8	21.1	2.6	2.8
Yalgoo, 120043	23.1	25.6	31.1	38.6	49.6	21.5	21.6	2.7	2.9
Yiddinga, 130374	22.8	26.0	33.2	42.0	55.5	21.0	21.7	2.7	3.1
Average	23.4	26.7	32.6	41.7	53.6	21.1	21.6	2.6	2.9

These Adjusted Sire Means were calculated using both the ewe and wether progeny of the sires.

W = Weaning (42 to 120 days); P = Post Weaning (210 to 300 days); Y = Yearling (300 to 400 days); H = Hogget (400 to 540 days); A = Adult (540 days and older)

WITHIN-SITE & WITHIN-DROP FLOCK BREEDING VALUES

Wool

Breeders flock, Sire number	PGFW (%)	YGFW (%)	AGFW (%)	PCFW (%)	YCFW (%)	ACFW (%)	PFD (um)	YFD (um)	AFD (um)
Billandri Poll, 130087	11	9	6	14	9	6	0.9	0.8	0.9
Bogo, 111424	-9	-7	-1	-12	-8	-1	-1.3	-1.4	-1.4
Bundaleer Poll, 13V741	-5	-6	-2	-11	-9	-3	-0.5	-0.3	-0.2
Bundilla, 111265	15	13	9	20	14	12	0.8	0.9	0.7
Centre Plus Poll, 207316	-6	-4	-4	-8	-6	-6	-1.1	-1.3	-1.3
Darriwell, 130941	4	5	6	9	7	7	0.7	0.7	0.9
Glenpaen, 120042	1	2	4	-3	-1	1	-1.2	-1.5	-1.5
Greenfields Poll, 130599	7	7	8	11	9	9	-0.1	-0.2	-0.2
Hazeldean, 11.43	10	7	9	12	9	11	-0.3	-0.1	0.0
Kurra-Wirra, SR5681	-2	-2	3	-1	-1	3	-0.2	-0.5	-0.1
Leahcim Poll, 090918	-15	-12	-13	-16	-12	-12	0.0	-0.2	-0.1
Leahcim Poll, 123153	-12	-10	-10	-13	-9	-8	0.0	0.0	0.1
Merinotech WA Poll, 100081	-2	1	-1	1	2	1	0.5	1.0	0.8
Mokanger, 120092	1	3	1	5	5	4	-0.5	-0.4	-0.4
Moojepin, 100248	10	9	2	10	9	3	1.9	2.2	1.9
Mumblebone, 130389	-9	-8	-7	-10	-7	-8	0.8	1.1	1.1
Mumblebone, 130850	-3	-4	-9	-8	-5	-12	1.4	1.2	1.2
Nareeb Nareeb, 130380	3	1	0	4	1	-4	0.3	0.3	0.2
Nerstane, 130467	10	7	11	4	5	8	-0.6	-0.6	-0.4
One Oak No. 2, R56	-1	-1	4	-2	-1	5	-0.9	-1.1	-0.9
Roseville Park, 140019	-6	-5	-1	-6	-6	-2	0.5	0.6	0.6
The Mountain Dam, 11/ESA004	-5	-4	-9	-3	-3	-8	-0.3	-0.4	-1.1
Tuckwood Poll, 121021	12	9	4	15	10	4	0.4	0.4	0.3
Yalgoo, 120043	-5	-6	-9	-6	-6	-7	-1.5	-1.9	-2.0
Yiddinga, 130374	-5	-5	-3	-7	-5	-4	0.6	0.7	0.7

These Flock Breeding Values were calculated using both the ewe and wether progeny of the sires.

W = Weaning (42 to 120 days); P = Post Weaning (210 to 300 days); Y = Yearling (300 to 400 days); H = Hogget (400 to 540 days); A = Adult (540 days and older)

WITHIN-SITE & WITHIN-DROP FLOCK BREEDING VALUES

Wool

Breeders flock, Sire number	PFDCV (%)	YFDCV (%)	AFDCV (%)	YSL (mm)	ASL (mm)	YSS (NKtex)	ASS (NKtex)
Billandri Poll, 130087	0.5	0.6	0.2	1.9	2.8	0.0	0.8
Bogo, 111424	0.1	0.4	0.8	-7.8	-6.2	-4.5	-7.9
Bundaleer Poll, 13V741	-0.3	-0.6	-0.8	-11.8	-8.5	0.5	3.0
Bundilla, 111265	0.7	0.8	1	-0.8	-2.6	-2.8	-1.6
Centre Plus Poll, 207316	-0.7	-0.6	-0.7	0.3	-0.5	-1.4	-1.7
Darriwell, 130941	0.5	0.7	0.4	-5.0	-6.6	4.4	5.3
Glenpaen, 120042	1.1	1.3	1.0	-9.4	-7.5	-1.9	-1.5
Greenfields Poll, 130599	1.9	2.1	2.0	-1.4	-0.2	-0.6	-0.6
Hazeldean, 11.43	0.6	0.5	0.5	5.0	5.4	-4.0	-4.4
Kurra-Wirra, SR5681	1.9	1.9	1.3	-8.3	-4.5	-2.3	1.6
Leahcim Poll, 090918	0.0	-0.1	-0.1	1.9	3.1	-2.8	-3.0
Leahcim Poll, 123153	-1.4	-1.1	-1.1	4.4	5.0	-2.2	-4.2
Merinotech WA Poll, 100081	-2.6	-3.3	-2.2	10.3	6.3	12.3	9.4
Mokanger, 120092	1.8	1.4	1.4	-13.7	-14.4	1.0	2.6
Moojepin, 100248	-0.9	-1.1	-0.7	25.1	21.2	-0.9	-0.5
Mumblebone, 130389	-1.6	-1.8	-1.1	5.4	3.2	4.3	1.6
Mumblebone, 130850	-2.6	-2.3	-2.3	9.3	7.2	4.2	1.6
Nareeb Nareeb, 130380	-0.4	-0.1	-0.5	-2.6	-4.2	2.1	3.1
Nerstane, 130467	1.0	0.7	0.5	2.8	6.0	-2.6	0.3
One Oak No. 2, R56	2.9	3.6	3.1	-12.5	-9.1	-10.3	-9.2
Roseville Park, 140019	0.5	0.3	0.3	-0.5	-1.6	1.8	3.3
The Mountain Dam, 11/ESA004	0.7	0.5	0.9	4.4	0.5	-3.6	-5.1
Tuckwood Poll, 121021	-0.4	-0.6	-0.6	11.1	9.4	1.6	0.1
Yalgoo, 120043	-0.9	-0.4	-0.7	-7.1	-3.4	-1.8	-1.2
Yiddinga, 130374	-2.4	-3.0	-2.5	-1.2	-0.8	9.4	8.5

These Flock Breeding Values were calculated using both the ewe and wether progeny of the sires.

W = Weaning (42 to 120 days); P = Post Weaning (210 to 300 days); Y = Yearling (300 to 400 days); H = Hogget (400 to 540 days); A = Adult (540 days and older)

WITHIN-SITE & WITHIN-DROP FLOCK BREEDING VALUES

Weight, Carcase and WEC

Breeders flock, Sire number	WWT (kg)	PWT (kg)	YWT (kg)	HWT (kg)	AWT (kg)	YEMD (mm)	HEMD (mm)	YFAT (mm)	HFAT (mm)	HWEC (%)
Billandri Poll, 130087	-0.1	-0.8	-2.4	-2.2	-2.7	-0.2	-0.2	-0.4	-0.3	-32
Bogo, 111424	-1.0	-1.6	-1.1	-0.3	-0.5	0.4	0.8	0.0	0.5	-10
Bundaleer Poll, 13V741	-0.1	0.6	-0.1	-0.3	0.4	-0.5	-0.8	-0.4	-0.7	-3
Bundilla, 111265	2.6	4.6	7.3	8.0	6.6	0.8	0.8	1.0	0.9	34
Centre Plus Poll, 207316	-1.4	-2.0	-1.9	-0.8	-1.3	0.4	1.0	-0.2	0.3	-35
Darriwell, 130941	1.0	0.8	-0.2	-0.1	0.2	-1.1	-1.2	-0.7	-0.9	34
Glenpaen, 120042	-0.6	-1.2	-2.1	-2.8	-2.4	-2.4	-2.7	-1.6	-2.1	68
Greenfields Poll, 130599	-0.8	-1.4	-2.2	-3.0	-3.0	-0.9	-1.2	-0.6	-0.9	54
Hazeldean, 11.43	1.5	2.7	4.9	5.1	4.9	-0.3	-0.4	0.0	-0.2	11
Kurra-Wirra, SR5681	-3.1	-5.8	-7.7	-7.8	-8.1	-0.6	-0.2	-0.6	-0.4	-9
Leahcim Poll, 090918	-0.4	-1.2	-1.4	-2.5	-1.5	0.8	0.5	0.4	-0.2	-19
Leahcim Poll, 123153	0.2	0.0	0.1	1.0	1.1	1.8	2.3	1.4	2.0	-13
Merinotech WA Poll, 100081	-2.2	-2.6	-1.6	-1.1	-2.1	1.8	2.4	1.5	2.5	-28
Mokanger, 120092	-0.6	-1.6	-2.2	-2.8	-3.6	0.1	-0.1	-0.1	-0.5	12
Moojepin, 100248	3.4	6.8	10.5	11.2	11.2	2.1	2.2	1.7	2.1	-38
Mumblebone, 130389	-1.0	-1.7	-2.4	-1.9	-1.9	1.1	1.6	0.4	0.9	-22
Mumblebone, 130850	2.9	4.9	4.5	5.2	5.9	0.8	0.9	0.5	0.8	-24
Nareeb Nareeb, 130380	1.3	2.0	0.0	0.5	1.1	-2.3	-2.5	-1.5	-1.5	-20
Nerstane, 130467	-1.1	-2.4	-2.1	-3.5	-2.9	-2.2	-2.7	-1.4	-2.1	50
One Oak No. 2, R56	-1.2	-2.2	-2.7	-3.3	-3.2	-0.2	-0.4	-0.8	-1.3	42
Roseville Park, 140019	-0.2	0.2	-0.2	0.3	1.1	-0.3	-0.2	-0.1	0.1	14
The Mountain Dam, 11/ESA004	0.0	0.3	-0.1	-0.3	-0.5	1.0	0.8	0.5	0.6	-7
Tuckwood Poll, 121021	2.9	4.6	5.9	5.7	5.6	-0.3	-0.7	0.0	-0.4	63
Yalgoo, 120043	-1.2	-2.0	-3.0	-4.3	-4.9	0.4	0.0	0.3	-0.1	-22
Yiddinga, 130374	-0.4	-0.2	0.7	1.1	1.5	0.1	0.2	0.6	0.9	-21

These Flock Breeding Values were calculated using both the ewe and wether progeny of the sires.

W = Weaning (42 to 120 days); P = Post Weaning (210 to 300 days); Y = Yearling (300 to 400 days); H = Hogget (400 to 540 days); A = Adult (540 days and older)

WITHIN-SITE & WITHIN-DROP FLOCK BREEDING VALUES

Classer's Visual Grade

Classer: David Whyte

P = Post Weaning (7 to 10 months); A2 = Adult2 (2.5 to 3.5 years); A3 = Adult3 (3.5 to 4.5 years)

Breeders flock, Sire number	PTOPS (%)	A2TOPS (%)	A3TOPS (%)	PCULLS (%)	A2CULLS (%)	A3CULLS (%)
Billandri Poll, 130087	16	0	7	-3	-5	-2
Bogo, 111424	-12	26	32	3	-19	-20
Bundaleer Poll, 13V741	-7	-14	7	-7	5	-9
Bundilla, 111265	28	-17	-15	-8	12	25
Centre Plus Poll, 207316	-19	-9	4	22	3	-6
Darriwell, 130941	5	-10	-15	14	-2	-5
Glenpaen, 120042	-12	-15	24	7	29	-2
Greenfields Poll, 130599	-10	8	-5	22	-9	4
Hazeldean, 11.43	28	13	9	-13	-5	-3
Kurra-Wirra, SR5681	-8	6	8	28	4	-19
Leahcim Poll, 090918	-9	-9	-13	1	17	17
Leahcim Poll, 123153	-4	-15	-12	-5	3	14
Merinotech WA Poll, 100081	-1	19	4	-9	-12	-11
Mokanger, 120092	-28	-27	-8	14	36	0
Moojepin, 100248	-17	-9	-21	15	14	39
Mumblebone, 130389	-12	10	-13	-5	3	29
Mumblebone, 130850	43	18	2	-28	-12	0
Nareeb Nareeb, 130380	23	1	-2	-11	-15	-8
Nerstane, 130467	-8	24	5	3	-11	0
One Oak No. 2, R56	-5	-11	7	5	0	-13
Roseville Park, 140019	-4	-10	15	-10	-8	-21
The Mountain Dam, 11/ESA004	-2	-5	-10	-15	0	16
Tuckwood Poll, 121021	4	17	1	-7	-6	-8
Yalgoo, 120043	13	9	4	-11	-10	-11
Yiddinga, 130374	-1	2	-13	-5	-12	-6
Average	27	28	20	28	19	33

These Classer's Visual Grades were calculated using only the ewe progeny of the sires.

WITHIN-SITE & WITHIN-DROP RESEARCH BREEDING VALUES¹ & FLOCK BREEDING VALUES

Reproduction

Breeders flock, Sire number	RBVs ¹			FBVs	
	Fertility	Litter Size	Ewe Rearing Ability	NLB	NLW
Billandri Poll, 130087	2	-16	2	-2	7
Bogo, 111424	0	14	-2	8	2
Bundaleer Poll, 13V741	-1	-7	5	-12	-2
Bundilla, 111265	2	35	0	44	9
Centre Plus Poll, 207316	3	4	-2	17	2
Darriwell, 130941	-1	-15	3	-20	-2
Glenpaen, 120042	-5	-4	-4	-27	-24
Greenfields Poll, 130599	3	19	6	31	23
Hazeldean, 11.43	-2	45	2	29	11
Kurra-Wirra, SR5681	1	-20	7	-13	10
Leahcim Poll, 090918	0	-28	5	-27	0
Leahcim Poll, 123153	-2	-32	-2	-38	-15
Merinotech WA Poll, 100081	3	14	-5	26	-3
Mokanger, 120092	1	-27	-9	-18	-17
Moojepin, 100248	-1	13	10	6	21
Mumblebone, 130389	1	9	-4	16	-5
Mumblebone, 130850	2	21	1	30	11
Nareeb Nareeb, 130380	0	49	3	41	23
Nerstane, 130467	-2	6	-3	-5	0
One Oak No. 2, R56	-4	-30	3	-41	-12
Roseville Park, 140019	2	-24	0	-12	-1
The Mountain Dam, 11/ESA004	0	-25	-2	-23	-8
Tuckwood Poll, 121021	-1	11	7	3	13
Yalgoo, 120043	0	-7	-11	-8	-24
Yiddinga, 130374	0	-5	-8	-6	-18

¹Research Breeding Values

Fertility: Number of ewes pregnant per 100 ewes joined

Litter Size: Number of lambs born per 100 ewes lambing

Ewe Rearing Ability: Number of lambs weaned per 100 lambs born

These RBVs are still in development stage and should be used with caution.

Flock Breeding Values

NLB: Number of lambs born per 100 ewes joined

NLW: Number of lambs weaned per 100 ewes joined

Reproduction traits are lowly heritable and caution should be used when using small data sets to compare sires.

These Research Breeding Values¹ and Flock Breeding Values were calculated using only the ewe progeny of the sires.

Understanding Indexes

A breeding index combines multiple measured traits into a single value that reflects a certain emphasis on these traits. It is important that you use an index that best matches the breeding objective and production system of the flock you are selecting for.

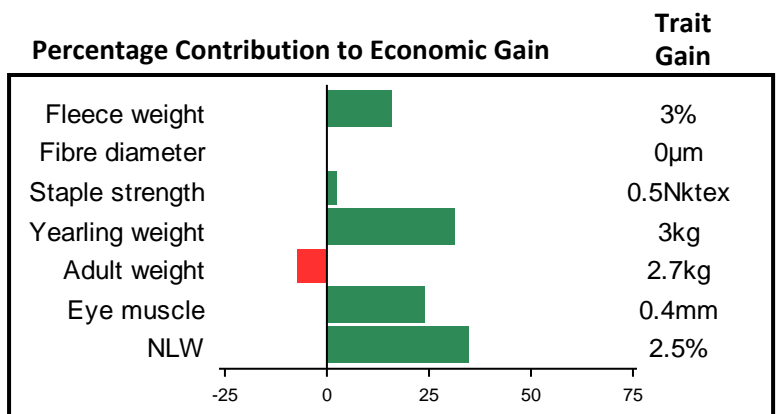
It is recommended that the performance of individual measured and visually assessed traits is used in conjunction with an index as selection indexes assist in making balanced selection decisions.

Site Reports present 4 indexes, DP+; MP+; FP+ and WP+. The first 3 of these indexes are the same as MERINOSELECT indexes of that name but account for the fact that direct reproduction records have not been captured by AMSEA sire evaluation. The WP+ index is unique to AMSEA.

Provided is the percentage contribution that each trait makes to economic gain in a commercial flock that uses an index for sire selection. Additionally, included for each index are the likely within-flock responses from using an index for 10 years. These responses are based on a ram breeding flock with a standard breeding program, no introduction of outside genetics and uses 35% of their selection emphasis on traits that are not in the index (such as visually assessed performance).

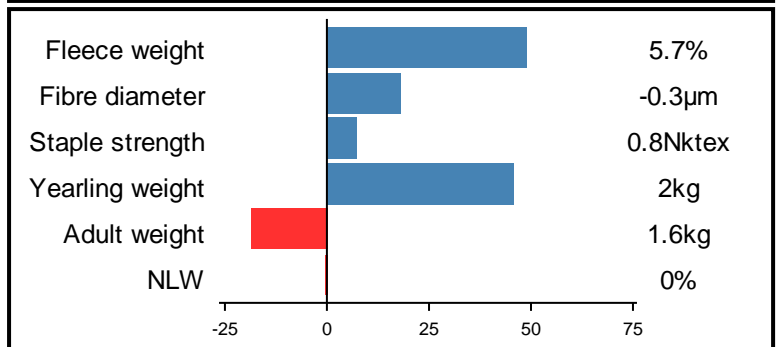
Dual Purpose Plus (DP+)

Based on a meat focused production system where surplus progeny are sold as lambs and a portion of ewes are joined to terminal sires. Large increase in body weight and carcase traits. Moderate increase in fleece weight. Maintain fibre diameter and staple strength. Moderate increase in reproduction.



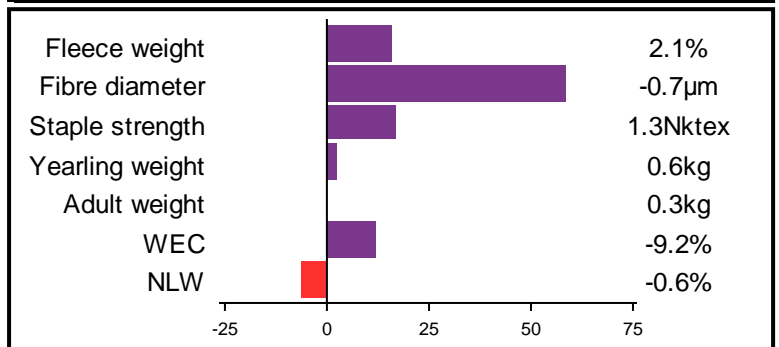
Merino Production Plus (MP+)

Based on a balanced wool and meat production system where surplus progeny are sold as hoggets. Balanced emphasis on increasing fleece weight and reduction in fibre diameter. Moderate increase in body weight, with little change in reproduction.



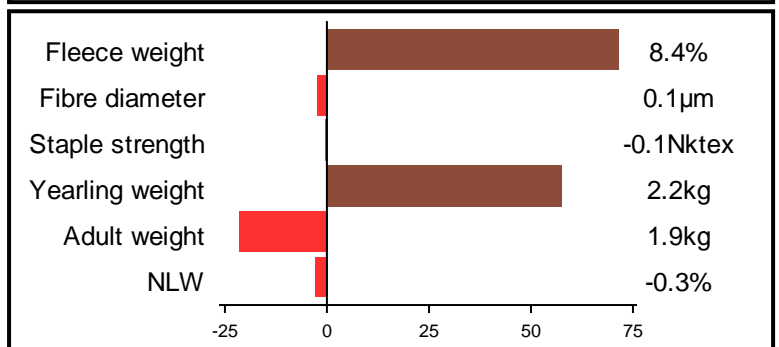
Fibre Production Plus (FP+)

Based on a wool production system where wethers are retained, operating in an environment where worms cause economic losses. Large reduction in fibre diameter. Moderate increase in staple strength. Small reduction in WEC (if measured in the breeding program). Small increase in fleece weight. Little change in body weight and reproduction.



Wool Production Plus (WP+)

Based on the MP+ production system with a greater emphasis on increasing fleece weight, while maintaining fibre diameter and a moderate emphasis on increasing body weight.



Indexes

Breeders flock, Sire number	Dual Purpose Plus	Merino Production Plus	Fibre Production Plus	Wool Production Plus
Billandri Poll, 130087	88	97	96	102
Bogo, 111424	104	99	104	97
Bundaleer Poll, 13V741	97	97	103	93
Bundilla, 111265	136	123	105	131
Centre Plus Poll, 207316	102	102	109	96
Darriwell, 130941	96	110	105	110
Glenpaen, 120042	81	107	110	101
Greenfields Poll, 130599	94	107	105	108
Hazeldean, 11.43	121	118	108	123
Kurra-Wirra, SR5681	73	89	98	88
Leahcim Poll, 090918	88	73	80	74
Leahcim Poll, 123153	106	84	85	87
Merinotech WA Poll, 100081	119	110	114	104
Mokanger, 120092	104	110	111	106
Moojepin, 100248	140	105	89	118
Mumblebone, 130389	87	78	82	80
Mumblebone, 130850	105	90	85	92
Nareeb Nareeb, 130380	74	99	100	98
Nerstane, 130467	82	105	106	104
One Oak No. 2, R56	90	89	90	95
Roseville Park, 140019	92	92	93	93
The Mountain Dam, 11/ESA004	100	90	93	91
Tuckwood Poll, 121021	119	118	104	120
Yalgoo, 120043	101	102	113	92
Yiddinga, 130374	106	105	109	99

These Indexes were calculated using all the available data collected on both the ewe and wether progeny.

We hope you can stay and join us for refreshments.



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Elders Hamilton (03) 5572 2266



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Peter Mecham 0408 279 823



Project & Executive Management
Ben Swain (02) 6743 2306



Jerilderie: (03) 5886 1772 Hamilton (03) 5570 8280



465 Hume Highway, Craigieburn, Victoria, 3064
Ph: (03) 8339 9000 Fax: (03) 8339 9051
Email: enquiries@leaderproducts.com.au



Riverina Wool Testers
Ph.: (02) 6925 1407
rwt@wooltesters.com.au



Rob Wyld (03) 9808 7119



Vet & Ag Consultants | Parasite & Feed Analysis
Ph: (03) 5572 1419



Scott Davis 0419 783 987

Richmond Hill
Agribusiness Pty Ltd
Steve and Debbie Milne
Steve 0428 786 327
Debbie 0407 724 066
sjdjmilne@bigpond.com



Hamish Dickson 0427 446 499



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Ph/Fax: (03) 5579 8585 1455 Carapook Road,
Mobile: 0428 386 924 Carapook VIC 3312
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