



Balmoral Sire Evaluation Group



Field Day

Friday 16th February 2018

2016 Drop

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



Contents

Understanding the Results	2
Sire and Contact Details	3-4
RAW DATA - 2016 DROP F1 EWES	
Counts	5
Wool Measurements	6
Weights	7
Condition Scores and Carcase Measurements	8
Birth and Rear Type (2016)	9
Visual Scores	10
Professional Classer Grade	11
ADJUSTED SIRE MEANS	
Wool	12
Weight and Carcase	13
WITHIN-SITE & WITHIN-DROP FLOCK BREEDING VALUES	
Wool	14
Weight, Carcase and WEC	15
Classer's Visual Grade	16
Understanding Indexes	17
Indexes	18

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
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														
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			
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																	
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							
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																	
Trait Leaders:	The highest performing 3 (or more if equal) sires for each trait (trait leaders) are highlighted by shading .																

Sire and Contact Details

Breeder's flock, Sire name Sire ID #, Breed †	Contact Details
Centre Plus Poll, 707115 (Link) 601250-2007-707115, Poll Merino	Robert Mortimer Devondale, Tullamore NSW 2874 P: (02) 6892 8259, M: 0429 928 292, E: robert@centreplus.com.au
GRASS, 142194 (R4) 503884-2014-142194, Merino	Graham Peart GRASS Merinos Pty Ltd, PO Box 216, Nambucca Heads NSW 2448 P: 0428 825 721, E: g.peart@icloud.com
Glen Holme, 141077 (Dohne) 510184-2014-141077, Dohne	Allen Kelly PO Box 69, Manoora SA 5414 P: (08) 8848 4328, M: 0409 018 943, E: ajkelly@activ8.net.au
Greendale, 120012 (Link) 505069-2012-120012, Merino	Alan McGufficke Willarney, 850 Maffra Road, Cooma NSW 2630 P: (02) 6452 3605, M: 0429 448 078, E: milliefarming@activ8.net.au
Greenfields Poll, 140345 (Link) 600240-2014-140345, Poll Merino	James Sullivan PMB 14, Hallett SA 5419 P: (08) 8894 2097, M: 0427 942 097, E: james@greenfieldsstud.com.au
Greenland, 2.366 504188-2012-120366, Merino	John Alcock Merambego, Bungarby NSW 2630 P: (02) 6453 6244, M: 0437 898 982, E: alcock@skymesh.com.au
Hannaton Poll, 120046 600804-2012-120046, Poll Merino	Jonno Hicks Hannaton Partnership, PO Box 22, Kaniva VIC 3419 P: (03) 5392 2366, M: 0428 922 366, E: peter@hannaton.com.au
Hazeldean, 11.3542 (Hugh) (Link) 500383-2011-003542, Merino	Jim Litchfield Hazeldean Pty Ltd, Cooma NSW 2630 P: (02) 6453 5555, M: 0417 676 561, E: admin@hazeldean.com.au
Kiandra Poll, 140757 601138-2014-140757, Poll Merino	Ryan Kluska 4611 Emu Flat Road, Bordertown SA 5268 P: (08) 8754 2030, M: 0428 862 040, E: kluska@activ8.net.au
Koorinal, 130519 504170-2013-130519, Merino	Mark Bunge 2115 Coleraine-Edenhope Rd, Coleraine VIC 3315 P: (03) 5579 7224, M: 0409 962 248, E: mbunge5@gmail.com
Kurra-Wirra, SB5585 504173-2013-SB5585, 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
Melrose, 12UGB060 501704-2012-UGB060, Merino	Warren Russell 112 Russells Rd, Nurrabiel, Horsham VIC 3401 P: (03) 5388 1243, M: 0427 881 204, E: melrosemerinostud@gmail.com
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, 140026 500063-2014-140026, Merino	Chad Taylor Marapana, 456 Wuuluman Road, Wellington NSW 2820 P: (02) 6845 3620, M: 0458 453 608, E: chad@mumblebone.com.au

Sire and Contact Details

Breeder's flock, Sire name Sire ID #, Breed †	Contact Details
Nerstane, 100919 (Link) 503298-2010-100919, 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
Stockman Poll, 090853 (Stilts) (Link) 601050-2009-090853, Poll Merino	Kip Gray Melton Vale, 85 Lake Highway, Melton Mowbray TAS 7030 P: (03) 6259 1162, M: 0418 589 051, E: kgray@stockmanstud.com.au
Terrick West Poll, 122220 600121-2012-122220, Poll Merino	Ross McGauchie 2400 Echuca - Serpentine Rd, Prairie VIC 3572 P: (03) 5436 8270, M: 0428 368 270, E: terrick_west@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
Trefusis, 110482 (Link) 500013-2011-110482, Merino	Georgina and Hamish Wallace 1929 Tooms Lake Road, Ross TAS 7209 P: (03) 6381 5320, M: 0438 986 257, E: gawallace@trefusis.com.au
Tuckwood Poll, 131026 (Link) 601053-2013-131026, Poll Merino	Geoff Tucker PMB 21, Millicent SA 5280 P: (08) 8734 2050, M: 0427 342 050, E: geomag@activ8.net.au
Wallaloo Park Poll, 120912 601332-2012-120912, Poll Merino	Trent Carter 80 Bolangum Inn Road, Marnoo VIC 3387 P: (03) 5359 2290, M: 0427 776 114, E: trent_carter@hotmail.com
Woodyarrup, 120175 (Link) 500412-2012-120175, Merino	Craig and Lachlan Dewar PO Box 61, Broomehill WA 6318 P: (08) 9824 1257, M: 0429 100 239, E: craig@woodyarrup.com.au
Yiddinga, 141989 (Unreg) 509242-2014-141989, 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 - 2016 Drop F1 Ewes

Breeders flock, Sire number	Marking 13/9/16	Weaning 5/12/16	Post Weaning Classing 3/5/17	Adult2 Classing 3/2/18
Centre Plus Poll, 707115	42	42	41	41
GRASS, 142194 (R4)	29	28	28	28
Glen Holme, 141077 (Dohne)	41	40	40	39
Greendale, 120012	33	32	32	30
Greenfields Poll, 140345	22	21	20	20
Greenland, 2.366	38	36	36	34
Hannaton Poll, 120046	43	41	40	40
Hazeldean, 11.3542 (Hugh)	45	38	38	38
Kiandra Poll, 140757	31	29	29	29
Kooringal, 130519	42	38	37	36
Kurra-Wirra, SB5585	27	27	26	26
Leahcim Poll, 090918	37	37	37	36
Melrose, 12UGB060	34	32	32	32
Mumblebone, 130389	16	14	14	14
Mumblebone, 140026	31	28	28	28
Nerstane, 100919	40	40	40	40
One Oak No. 2, R56	46	45	45	45
Stockman Poll, 090853 (Stilts)	42	41	41	41
Terrick West Poll, 122220	30	27	27	26
The Mountain Dam, 11/ESA004	36	34	33	32
Trefusis, 110482	37	37	37	37
Tuckwood Poll, 131026	35	35	35	35
Wallaloo Park Poll, 120912	35	34	33	33
Woodyarrup, 120175	28	27	27	27
Yiddinga, 141989	22	19	19	18
Average	34	33	33	32
Total	862	822	815	805

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

RAW DATA

Wool Measurements – 2016 Drop F1 Ewes

Breeders flock, Sire number	Post Weaning 3/5/17				Adult2 3/2/18			
	GFW (kg)	CFW (kg)	FD (um)	CV (%)	FD (um)	CV (%)	SL (mm)	SS (mm)
Centre Plus Poll, 707115	1.9	1.3	15.7	18.9	17.5	17.4	80.6	34.6
GRASS, 142194 (R4)	1.9	1.4	16.7	19.8	18.2	18.9	78.0	37.0
Glen Holme, 141077 (Dohne)	1.8	1.2	15.9	18.6	17.5	17.0	72.7	33.9
Greendale, 120012	1.9	1.3	14.5	19.5	16.0	17.2	79.4	33.6
Greenfields Poll, 140345	1.9	1.3	15.7	18.9	17.5	17.2	78.6	39.0
Greenland, 2.366	1.9	1.3	16.3	18.0	17.9	16.5	74.6	42.1
Hannaton Poll, 120046	1.9	1.3	14.9	18.6	16.5	17.6	75.4	33.7
Hazeldean, 11.3542 (Hugh)	2.1	1.4	15.1	18.5	16.6	17.5	76.3	34.9
Kiandra Poll, 140757	1.9	1.2	15.0	19.4	16.5	17.8	74.0	31.0
Koorngal, 130519	1.8	1.2	15.1	18.3	16.3	16.9	72.0	38.9
Kurra-Wirra, SB5585	2.1	1.4	15.8	18.4	17.6	16.6	82.3	40.8
Leahcim Poll, 090918	1.8	1.2	15.5	18.9	17.6	17.0	81.6	34.1
Melrose, 12UGB060	2.1	1.4	15.3	19.4	17.1	17.9	77.1	39.4
Mumblebone, 130389	1.8	1.2	15.9	17.2	17.8	16.9	81.3	34.3
Mumblebone, 140026	1.9	1.4	15.7	17.4	17.4	17.3	78.1	38.5
Nerstane, 100919	2.2	1.5	15.7	18.3	17.3	16.6	80.9	39.3
One Oak No. 2, R56	1.9	1.3	15.3	21.5	16.9	20.1	73.1	31.8
Stockman Poll, 090853 (Stilts)	2.0	1.4	15.3	19.8	17.0	18.6	75.9	34.2
Terrick West Poll, 122220	1.9	1.3	15.6	19.8	17.0	18.4	70.4	31.8
The Mountain Dam, 11/ESA004	1.9	1.3	15.2	19.5	16.4	18.0	78.6	32.0
Trefusis, 110482	2.0	1.3	15.4	19.8	17.1	18.4	79.5	37.2
Tuckwood Poll, 131026	1.9	1.4	15.4	17.7	16.9	17.5	83.3	36.5
Wallaloo Park Poll, 120912	1.9	1.3	14.8	19.2	16.6	18.2	80.7	31.8
Woodyarrup, 120175	2.1	1.5	15.7	18.7	17.5	17.7	80.9	41.1
Yiddinga, 141989	2.0	1.4	15.7	18.7	17.3	18.0	74.3	40.2
Average	1.9	1.3	15.5	19.0	17.1	17.6	77.6	36.1

RAW DATA

Weights – 2016 Drop F1 Ewes

Breeders flock, Sire number	Weaning (kg)	Post Weaning Shearing (kg)	Yearling (kg)	Hogget (kg)
	5/12/16	8/5/17	25/9/17	13/12/17
Centre Plus Poll, 707115	22.3	25.0	38.2	44.8
GRASS, 142194 (R4)	23.4	25.3	38.9	44.9
Glen Holme, 141077 (Dohne)	24.5	27.1	41.6	46.6
Greendale, 120012	21.9	23.3	36.3	42.4
Greenfields Poll, 140345	24.8	27.1	43.0	47.0
Greenland, 2.366	23.1	25.1	36.8	43.6
Hannaton Poll, 120046	23.2	25.1	37.4	44.0
Hazeldean, 11.3542 (Hugh)	22.7	24.2	36.6	42.4
Kiandra Poll, 140757	24.7	27.3	40.5	46.8
Koorngal, 130519	21.8	22.9	35.5	40.7
Kurra-Wirra, SB5585	24.1	25.7	37.5	44.1
Leahcim Poll, 090918	23.7	25.8	37.8	44.4
Melrose, 12UGB060	23.4	23.7	37.2	43.7
Mumblebone, 130389	22.2	24.8	36.9	41.3
Mumblebone, 140026	24.8	27.8	41.1	45.3
Nerstane, 100919	23.8	25.6	40.3	45.5
One Oak No. 2, R56	23.3	24.4	37.8	43.5
Stockman Poll, 090853 (Stilts)	23.5	24.7	37.5	44.5
Terrick West Poll, 122220	25.7	27.1	38.1	45.7
The Mountain Dam, 11/ESA004	22.2	24.9	36.9	41.7
Trefusis, 110482	22.8	23.8	36.7	41.4
Tuckwood Poll, 131026	24.8	27.3	39.9	48.4
Wallaloo Park Poll, 120912	22.4	24.9	37.5	45.2
Woodyarrup, 120175	25.6	27.5	42.8	47.4
Yiddinga, 141989	25.1	25.8	40.0	46.1
Average	23.6	25.5	38.6	44.5

RAW DATA

Condition Score and Carcase Scanning – 2016 Drop F1 Ewes

Breeders flock, Sire number	Condition Score		Carcase Scanning	
	Yearling	Hogget	Yearling 25/9/17	
	26/9/16	11/12/17	EMD (mm)	FAT (mm)
Centre Plus Poll, 707115	3.3	3.1	22.0	3.4
GRASS, 142194 (R4)	3.3	3.0	21.8	3.5
Glen Holme, 141077 (Dohne)	3.3	3.1	23.4	3.6
Greendale, 120012	3.2	3.0	20.6	3.3
Greenfields Poll, 140345	3.4	3.1	23.3	3.5
Greenland, 2.366	3.0	3.0	20.4	3.0
Hannaton Poll, 120046	3.1	3.0	21.9	3.4
Hazeldean, 11.3542 (Hugh)	3.1	3.0	21.1	3.2
Kiandra Poll, 140757	3.3	3.2	22.3	3.8
Koorinal, 130519	3.2	3.0	21.6	3.4
Kurra-Wirra, SB5585	3.2	3.1	21.6	3.0
Leahcim Poll, 090918	3.1	3.0	21.4	3.3
Melrose, 12UGB060	3.1	3.0	21.2	3.0
Mumblebone, 130389	3.3	3.0	22.4	3.5
Mumblebone, 140026	3.4	3.2	22.6	3.7
Nerstane, 100919	3.2	3.1	21.8	3.5
One Oak No. 2, R56	3.1	2.9	20.9	3.1
Stockman Poll, 090853 (Stilts)	3.1	3.0	21.0	3.1
Terrick West Poll, 122220	3.1	3.0	21.2	3.0
The Mountain Dam, 11/ESA004	3.2	3.0	21.8	3.5
Trefusis, 110482	3.0	2.9	21.1	3.1
Tuckwood Poll, 131026	3.4	3.3	22.9	3.4
Wallaloo Park Poll, 120912	3.2	3.2	21.7	3.5
Woodyarrup, 120175	3.2	3.0	22.2	3.4
Yiddinga, 141989	3.2	3.1	22.1	3.3
Average	3.2	3.1	21.8	3.3

RAW DATA

F1 Ewe Birth and Rear Type – 2016 Drop F1 Ewes

This relates to 2016 Drop F1 Ewes own birth and rear type

Breeders flock, Sire number	F1 Ewes Weaned	Birth Type (Scanning)			Rear Type (Weaning)		
		Single	Twin	Triplet	Single	Twin	Triplet
Centre Plus Poll, 707115	42	16	25	1	24	17	1
GRASS, 142194 (R4)	28	11	17		13	15	
Glen Holme, 141077 (Dohne)	40	13	27		22	18	
Greendale, 120012	32	14	15	3	15	17	
Greenfields Poll, 140345	21	9	10	2	11	10	
Greenland, 2.366	36	17	17	2	18	17	1
Hannaton Poll, 120046	41	17	21	3	25	16	
Hazeldean, 11.3542 (Hugh)	38	12	23	3	22	13	3
Kiandra Poll, 140757	29	14	15		20	9	
Koorngal, 130519	38	11	27		16	22	
Kurra-Wirra, SB5585	27	8	18	1	18	9	
Leahcim Poll, 090918	37	11	26		16	21	
Melrose, 12UGB060	32	14	17	1	20	12	
Mumblebone, 130389	14	6	7	1	8	6	
Mumblebone, 140026	28	15	10	3	20	8	
Nerstane, 100919	40	14	26		23	17	
One Oak No. 2, R56	45	21	23	1	30	15	
Stockman Poll, 090853 (Stilts)	41	26	14	1	32	9	
Terrick West Poll, 122220	27	13	14		18	9	
The Mountain Dam, 11/ESA004	34	12	21	1	14	20	
Trefusis, 110482	37	12	25		23	14	
Tuckwood Poll, 131026	35	16	19		20	15	
Wallaloo Park Poll, 120912	34	11	23		13	21	
Woodyarrup, 120175	27	10	17		16	11	
Yiddinga, 141989	19	8	11		15	4	
Total	822	331	468	23	472	345	5

RAW DATA

Visual Scores – 2016 Drop F1 Ewes

Breeders flock, Sire number	Marking 3/5/17		Post Weaning 3/5/17						Adult2 3/2/18			
	BWR	BCOV	BDWR	COL	FLROT	CHAR	LEGS	FACE	DAG	COL	FLROT	CHAR
Centre Plus Poll, 707115	2.4	3.3	2.0	2.9	1.7	2.6	2.2	2.9	1.9	2.6	1.9	2.7
GRASS, 142194 (R4)	2.2	3.6	2.2	3.0	1.1	3.2	2.4	2.4	2.1	2.7	2.5	3.5
Glen Holme, 141077 (Dohne)	2.1	3.4	2.5	3.0	1.8	3.0	2.1	2.3	2.0	2.8	2.5	3.3
Greendale, 120012	3.5	4.0	2.8	2.8	1.2	2.7	2.2	2.9	2.4	2.5	2.3	2.7
Greenfields Poll, 140345	2.4	3.7	2.1	2.8	1.7	2.8	2.1	2.9	1.9	3.0	3.3	3.2
Greenland, 2.366	2.6	3.7	2.5	2.4	1.3	2.6	2.2	2.7	2.1	2.4	1.3	2.8
Hannaton Poll, 120046	2.9	3.5	2.4	2.9	1.5	2.5	2.2	2.6	1.8	2.5	1.9	2.4
Hazeldean, 11.3542 (Hugh)	3.0	4.1	3.0	2.7	2.2	2.6	2.1	3.0	1.7	2.9	3.0	2.9
Kiandra Poll, 140757	2.5	3.3	2.2	3.2	1.3	2.6	2.2	2.7	1.6	3.0	2.3	2.5
Koorinal, 130519	2.6	3.3	2.8	2.8	1.9	2.6	2.2	2.9	1.8	2.6	2.2	2.9
Kurra-Wirra, SB5585	2.9	3.6	2.4	2.9	1.7	2.6	2.2	2.9	1.8	2.5	1.7	2.6
Leahcim Poll, 090918	1.5	3.1	1.6	2.9	1.6	2.5	2.2	2.7	1.6	2.9	2.4	2.6
Melrose, 12UGB060	3.3	4.2	3.0	2.7	1.5	2.6	2.4	2.5	2.4	2.6	2.3	2.8
Mumblebone, 130389	2.3	3.9	1.6	2.7	1.2	2.5	2.3	2.8	2.2	3.0	2.1	2.5
Mumblebone, 140026	2.0	3.6	1.6	2.9	1.7	2.6	2.0	2.3	2.3	2.7	2.4	2.8
Nerstane, 100919	2.6	3.6	2.9	2.7	1.4	2.7	2.1	2.6	2.3	2.4	1.5	2.7
One Oak No. 2, R56	3.5	4.4	3.0	2.7	1.4	2.7	2.2	2.9	2.2	2.8	2.9	2.8
Stockman Poll, 090853 (Stilts)	2.7	3.5	2.6	2.8	1.3	2.5	2.2	2.7	2.0	2.7	1.7	2.5
Terrick West Poll, 122220	2.9	3.9	2.6	2.6	1.4	2.8	2.1	2.8	1.8	2.6	1.8	2.9
The Mountain Dam, 11/ESA004	2.3	3.9	2.2	2.7	1.6	3.0	2.1	2.8	1.4	2.7	2.2	2.9
Trefusis, 110482	2.9	3.9	2.5	2.8	1.5	2.7	2.2	2.9	2.0	2.6	2.1	2.9
Tuckwood Poll, 131026	2.6	3.7	2.1	2.7	1.2	2.9	2.1	2.4	1.7	2.6	1.9	3.1
Wallaloo Park Poll, 120912	2.2	3.7	2.2	2.5	1.3	2.6	2.3	2.8	1.8	2.5	1.8	2.5
Woodyarrup, 120175	2.3	3.6	2.1	2.8	1.3	2.6	2.4	2.5	2.7	2.8	2.5	2.6
Yiddinga, 141989	2.8	3.7	3.1	3.2	1.7	2.8	2.2	2.5	2.6	2.7	2.4	2.9
Average	2.6	3.7	2.4	2.8	1.5	2.7	2.2	2.7	2.0	2.7	2.2	2.8

RAW DATA

Professional Classer Grade – 2016 Drop F1 Ewes

Classer: Bill Walker

Results are ewe numbers as classed into each grade.

Breeders flock, Sire number	Post Weaning 3/5/17					Adult2 3/2/18				
	Top	First	Flock	Sale	Cull	Top	First	Flock	Sale	Cull
Centre Plus Poll, 707115		4	25	9	3		3	22	14	2
GRASS, 142194 (R4)		4	6	14	4			6	20	2
Glen Holme, 141077 (Dohne)		1	15	23				18	20	1
Greendale, 120012	1	1	12	9	7		4	13	9	4
Greenfields Poll, 140345		3	10	5	2			9	11	
Greenland, 2.366		4	16	15	1		1	20	12	1
Hannaton Poll, 120046		9	23	6	1		2	27	8	3
Hazeldean, 11.3542 (Hugh)			21	14	3		1	21	14	2
Kiandra Poll, 140757		7	17	6			2	16	9	3
Koorngal, 130519		1	12	15	8		1	14	12	9
Kurra-Wirra, SB5585		4	11	9	3		1	22	4	
Leahcim Poll, 090918	5	8	15	5	3	1	6	17	9	3
Melrose, 12UGB060		4	17	7	4		1	20	8	3
Mumblebone, 130389		5	4	3	1		2	8	1	3
Mumblebone, 140026		6	15	6		1	3	13	9	2
Nerstane, 100919	4	6	20	8	1	2	9	23	6	
One Oak No. 2, R56		3	19	18	5			18	19	8
Stockman Poll, 090853 (Stilts)		4	25	9	3		4	28	9	
Terrick West Poll, 122220	1	2	16	8			1	10	14	1
The Mountain Dam, 11/ESA004		6	12	12	2		3	19	9	1
Trefusis, 110482		4	17	13	3		2	23	8	4
Tuckwood Poll, 131026		9	18	5	2	1	3	28	2	1
Wallaloo Park Poll, 120912		10	15	6	2		8	18	4	3
Woodyarrup, 120175	2	8	12	3	2	1	4	13	8	1
Yiddinga, 141989			6	13				12	6	
Total	13	113	379	241	60	6	61	438	245	57
	2%	14%	47%	30%	7%	1%	8%	54%	30%	7%

ADJUSTED SIRE MEANS

Wool

Breeders flock, Sire number	PGFW (kg)	PCFW (kg)	PFD (um)	AFD (um)	PFDCV (%)	AFDCV (%)	ASL (mm)	ASS (NKtex)
Centre Plus Poll, 707115	1.9	1.3	15.7	17.5	19.0	17.5	80.3	34.4
GRASS, 142194 (R4)	1.9	1.3	16.7	18.2	19.9	18.9	77.9	36.8
Glen Holme, 141077 (Dohne)	1.8	1.2	15.9	17.4	18.7	17.1	72.8	33.5
Greendale, 120012	1.9	1.3	14.5	16.0	19.6	17.3	79.4	33.2
Greenfields Poll, 140345	1.9	1.3	15.7	17.5	19.0	17.2	78.5	38.8
Greenland, 2.366	1.9	1.3	16.4	17.8	18.1	16.6	74.7	42.0
Hannaton Poll, 120046	1.9	1.3	14.9	16.5	18.7	17.6	75.4	33.2
Hazeldean, 11.3542 (Hugh)	2.1	1.4	15.1	16.6	18.6	17.6	76.3	34.5
Kiandra Poll, 140757	1.8	1.2	15.0	16.5	19.5	17.8	74.0	30.4
Koorinal, 130519	1.8	1.2	15.1	16.2	18.4	16.9	72.1	38.8
Kurra-Wirra, SB5585	2.1	1.4	15.8	17.6	18.5	16.7	81.9	41.0
Leahcim Poll, 090918	1.8	1.2	15.5	17.6	19.0	17.1	81.4	33.8
Melrose, 12UGB060	2.0	1.4	15.3	17.0	19.5	18.0	77.0	39.2
Mumblebone, 130389	1.8	1.2	16.0	17.8	17.3	16.9	81.2	33.9
Mumblebone, 140026	1.9	1.3	15.8	17.4	17.5	17.3	78.1	38.3
Nerstane, 100919	2.1	1.4	15.7	17.3	18.4	16.6	80.8	39.2
One Oak No. 2, R56	1.9	1.3	15.3	16.9	21.5	20.1	73.1	31.3
Stockman Poll, 090853 (Stilts)	1.9	1.3	15.4	17.0	19.8	18.7	75.8	33.9
Terrick West Poll, 122220	1.8	1.3	15.6	17.0	19.9	18.5	70.4	31.4
The Mountain Dam, 11/ESA004	1.9	1.3	15.2	16.4	19.6	18.1	78.3	31.7
Trefusis, 110482	2.0	1.3	15.4	17.0	19.9	18.4	79.4	37.0
Tuckwood Poll, 131026	1.9	1.3	15.4	16.9	17.8	17.6	83.2	36.2
Wallaloo Park Poll, 120912	1.9	1.3	14.8	16.5	19.3	18.3	80.6	31.3
Woodyarrup, 120175	2.1	1.5	15.7	17.4	18.8	17.8	80.8	41.0
Yiddinga, 141989	1.9	1.3	15.8	17.3	18.8	18.0	74.4	40.1
Average	1.9	1.3	15.5	17.1	19.0	17.7	77.5	35.8

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)	AWT (kg)	YEMD (mm)	YFAT (mm)
Centre Plus Poll, 707115	23.5	26.3	44.8	22.1	3.4
GRASS, 142194 (R4)	24.7	26.9	45.0	21.6	3.4
Glen Holme, 141077 (Dohne)	25.6	28.2	44.7	22.5	3.4
Greendale, 120012	23.3	24.5	42.4	21.1	3.4
Greenfields Poll, 140345	25.3	28.1	46.9	22.0	3.2
Greenland, 2.366	23.6	26.0	43.5	20.8	3.0
Hannaton Poll, 120046	23.4	25.9	44.0	22.1	3.4
Hazeldean, 11.3542 (Hugh)	23.9	25.5	42.4	21.5	3.3
Kiandra Poll, 140757	24.8	27.7	46.7	21.7	3.6
Koorinal, 130519	23.1	24.4	41.0	22.4	3.5
Kurra-Wirra, SB5585	23.9	25.8	44.2	21.8	3.0
Leahcim Poll, 090918	24.7	26.9	44.7	21.6	3.3
Melrose, 12UGB060	23.7	24.5	43.7	21.4	3.1
Mumblebone, 130389	23.3	25.9	41.2	22.8	3.5
Mumblebone, 140026	24.2	28.2	45.0	21.8	3.5
Nerstane, 100919	24.4	26.3	45.7	21.2	3.4
One Oak No. 2, R56	23.7	25.2	43.4	21.0	3.1
Stockman Poll, 090853 (Stilts)	23.1	24.8	44.1	21.2	3.1
Terrick West Poll, 122220	25.8	27.6	45.7	21.3	2.9
The Mountain Dam, 11/ESA004	23.7	26.6	41.8	22.2	3.6
Trefusis, 110482	23.4	24.4	41.6	21.5	3.1
Tuckwood Poll, 131026	25.7	28.5	48.5	22.5	3.3
Wallaloo Park Poll, 120912	23.2	25.3	45.5	21.9	3.5
Woodyarrup, 120175	25.5	27.2	47.5	21.1	3.2
Yiddinga, 141989	25.3	26.9	46.1	21.5	3.2
Average	24.2	26.3	44.4	21.7	3.3

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 (%)	PCFW (%)	PFD (um)	AFD (um)	PFDCV (%)	AFDCV (%)	ASL (mm)	ASS (NKtex)
Centre Plus Poll, 707115	-1	-3	0.3	0.5	0.0	-0.1	5.6	-1.9
GRASS, 142194 (R4)	13	18	2.0	2.5	1.5	1.9	2.3	-0.7
Glen Holme, 141077 (Dohne)	-13	-19	0.5	0.4	-0.4	-0.5	-8.8	-2.0
Greendale, 120012	3	3	-1.6	-1.8	0.9	0.4	2.6	-2.6
Greenfields Poll, 140345	-2	-1	0.3	0.4	-0.1	-0.2	3.8	1.3
Greenland, 2.366	-7	-10	1.1	1.1	-1.5	-2.0	-7.3	7.9
Hannaton Poll, 120046	-1	-2	-0.7	-0.8	0.0	0.3	-1.0	-4.5
Hazeldean, 11.3542 (Hugh)	12	17	-0.7	-0.9	-0.4	-0.1	-2.1	-0.7
Kiandra Poll, 140757	-12	-19	-1.0	-1.4	0.4	0.2	-6.7	-5.8
Koorinal, 130519	-12	-15	-0.8	-1.1	-1.0	-1.0	-11.5	5.9
Kurra-Wirra, SB5585	4	3	0.4	0.8	-0.7	-1.5	4.7	3.9
Leahcim Poll, 090918	-10	-11	0.2	0.4	-0.6	-0.9	7.5	0.3
Melrose, 12UGB060	9	11	-0.2	0.1	1.0	0.7	-2.6	1.9
Mumblebone, 130389	-6	-7	1.1	1.5	-1.9	-1.3	8.3	1.2
Mumblebone, 140026	1	4	0.5	0.5	-1.5	-0.7	3.3	1.6
Nerstane, 100919	19	21	0.5	0.6	-1.0	-1.2	6.0	4.6
One Oak No. 2, R56	-2	-2	-0.5	-0.6	3.7	3.8	-9.2	-7.3
Stockman Poll, 090853 (Stilts)	3	4	-0.2	-0.2	0.9	0.9	-3.5	-0.5
Terrick West Poll, 122220	-9	-11	-0.1	-0.6	0.9	0.8	-11.7	-4.4
The Mountain Dam, 11/ESA004	-2	-1	-0.5	-0.9	0.3	0.6	3.9	-3.5
Trefusis, 110482	2	0	-0.3	-0.3	1.0	0.8	1.3	0.1
Tuckwood Poll, 131026	0	2	0.0	-0.2	-1.6	-1.1	10.0	2.6
Wallaloo Park Poll, 120912	-8	-10	-1.0	-1.2	0.1	0.4	5.8	-4.5
Woodyarrup, 120175	11	16	0.4	0.5	-0.2	-0.2	5.5	3.5
Yiddinga, 141989	8	9	0.5	0.6	0.0	0.2	-5.8	3.8

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)	HWT (kg)	YEMD (mm)	YFAT (mm)	HWEC (%)
Centre Plus Poll, 707115	-0.6	0.0	0.9	0.7	0.5	-48
GRASS, 142194 (R4)	1.3	1.9	3.0	0.2	0.6	66
Glen Holme, 141077 (Dohne)	2.2	3.7	3.5	1.4	0.6	0
Greendale, 120012	-1.6	-2.7	-2.4	-1.0	-0.2	-18
Greenfields Poll, 140345	2.3	3.7	4.7	0.4	-0.1	-43
Greenland, 2.366	-0.7	-1.2	-1.7	-1.3	-0.9	-14
Hannaton Poll, 120046	-1.0	-1.1	-1.4	0.6	0.4	-64
Hazeldean, 11.3542 (Hugh)	-0.8	-1.6	-2.1	-0.5	-0.2	38
Kiandra Poll, 140757	1.4	2.6	3.0	0.2	0.8	-47
Koorngal, 130519	-2.3	-3.7	-5.0	1.1	0.7	-57
Kurra-Wirra, SB5585	-0.8	-1.7	-2.0	0.0	-0.6	51
Leahcim Poll, 090918	0.3	0.5	0.2	0.0	0.1	-41
Melrose, 12UGB060	-1.1	-2.3	-1.9	-0.6	-0.8	11
Mumblebone, 130389	-1.0	-0.9	-2.1	1.5	0.9	48
Mumblebone, 140026	0.9	2.3	1.7	0.2	0.6	61
Nerstane, 100919	0.6	0.9	2.4	-0.7	0.1	26
One Oak No. 2, R56	-0.8	-1.8	-2.2	-1.3	-0.8	81
Stockman Poll, 090853 (Stilts)	-1.7	-2.6	-2.4	-1.0	-0.6	35
Terrick West Poll, 122220	1.7	1.5	0.7	-0.7	-1.0	-16
The Mountain Dam, 11/ESA004	-0.6	-0.4	-1.9	0.9	0.9	4
Trefusis, 110482	-2.0	-3.8	-4.7	-0.5	-0.6	47
Tuckwood Poll, 131026	2.4	3.8	5.6	1.2	0.2	-5
Wallaloo Park Poll, 120912	-1.7	-1.9	-1.9	0.3	0.4	70
Woodyarrup, 120175	2.0	2.8	3.3	-1.1	-0.6	-8
Yiddinga, 141989	1.6	2.0	3.1	-0.2	-0.2	-14

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)

Breeders flock, Sire number	PTOPS (%)	A2TOPS (%)	PCULLS (%)	A2CULLS (%)
Centre Plus Poll, 707115	4	3	-6	-8
GRASS, 142194 (R4)	-15	-19	4	13
Glen Holme, 141077 (Dohne)	-20	-19	-1	35
Greendale, 120012	-15	1	-2	3
Greenfields Poll, 140345	6	-20	9	28
Greenland, 2.366	-1	-14	-4	-16
Hannaton Poll, 120046	27	1	-6	-9
Hazeldean, 11.3542 (Hugh)	-2	0	4	10
Kiandra Poll, 140757	-6	-9	7	5
Koorngal, 130519	-15	-5	19	24
Kurra-Wirra, SB5585	12	3	8	-19
Leahcim Poll, 090918	12	9	-3	-7
Melrose, 12UGB060	-2	2	-2	1
Mumblebone, 130389	24	2	1	-15
Mumblebone, 140026	-6	-9	1	-4
Nerstane, 100919	7	30	-12	-24
One Oak No. 2, R56	-14	3	8	21
Stockman Poll, 090853 (Stilts)	-4	2	-10	-9
Terrick West Poll, 122220	-4	-8	-6	13
The Mountain Dam, 11/ESA004	-8	0	9	10
Trefusis, 110482	8	5	0	-2
Tuckwood Poll, 131026	12	15	-4	-22
Wallaloo Park Poll, 120912	10	20	-7	-25
Woodyarrup, 120175	8	18	-3	4
Yiddinga, 141989	-18	-8	-5	-3
Average	33	19	21	37

These Classer's Visual Grades 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.

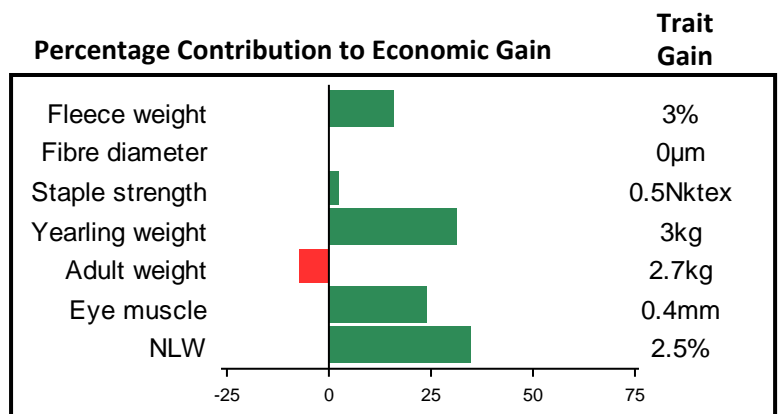
It is recommended that the performance of individual measured and visually assessed traits is used in conjunction with an index as selection indexes assist in making balanced selection decisions.

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).

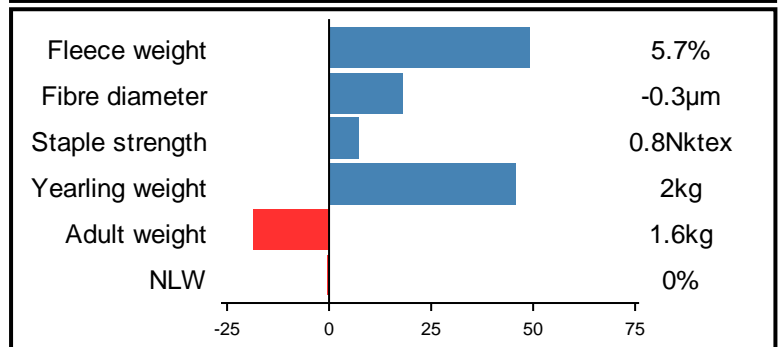
Dual Purpose Plus (DP+)

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.



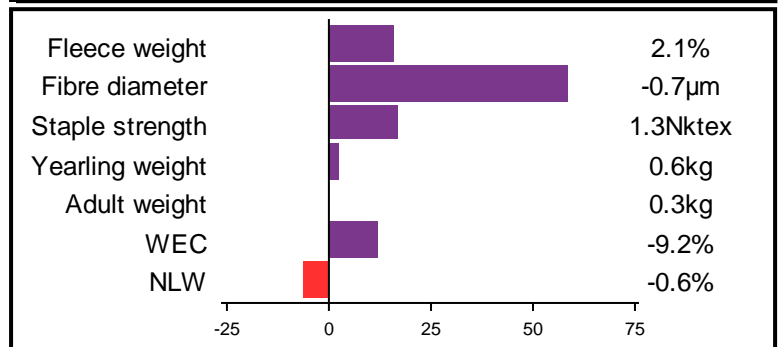
Merino Production Plus (MP+)

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.



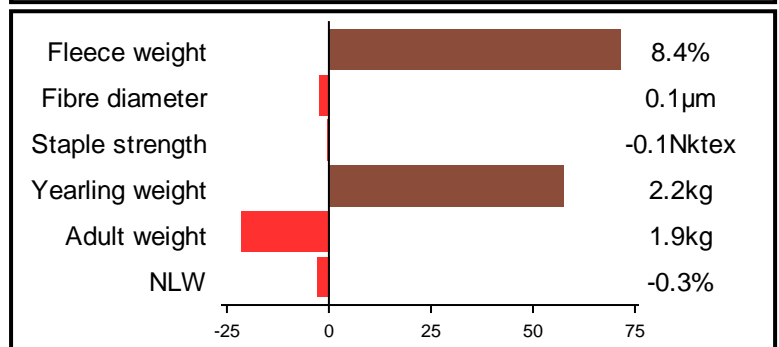
Fibre Production Plus (FP+)

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
Centre Plus Poll, 707115	102	92	94	96
GRASS, 142194 (R4)	98	93	76	111
Glen Holme, 141077 (Dohne)	106	80	79	83
Greendale, 120012	96	115	119	109
Greenfields Poll, 140345	118	106	103	107
Greenland, 2.366	75	88	93	84
Hannaton Poll, 120046	99	95	102	96
Hazeldean, 11.3542 (Hugh)	104	119	116	115
Kiandra Poll, 140757	108	96	102	92
Koorinal, 130519	103	100	116	87
Kurra-Wirra, SB5585	90	94	91	96
Leahcim Poll, 090918	92	87	93	87
Melrose, 12UGB060	94	107	105	108
Mumblebone, 130389	94	76	76	81
Mumblebone, 140026	108	104	97	105
Nerstane, 100919	111	125	114	125
One Oak No. 2, R56	80	90	88	95
Stockman Poll, 090853 (Stilts)	90	104	104	103
Terrick West Poll, 122220	87	88	92	88
The Mountain Dam, 11/ESA004	105	96	100	95
Trefusis, 110482	84	93	96	92
Tuckwood Poll, 131026	135	121	116	115
Wallaloo Park Poll, 120912	97	94	97	91
Woodyarrup, 120175	110	121	114	122
Yiddinga, 141989	115	117	111	117

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.



Thank you to our Site Sponsors

We gratefully acknowledge the generous support of our sponsors and appreciate their participation in our trials.



Elders Hamilton (03) 5572 2266



FOR ANIMALS. FOR HEALTH. FOR YOU.

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



Professionals in Sheep Pregnancy Testing & EID
"Ewe ram it, we'll scan it"
Mark Jenkinson
Ph/Fax: (03) 5579 8585 1455 Carapook Road,
Mobile: 0428 386 924 Carapook VIC 3312
Email: mark@sheeppro.com.au Web: www.sheeppro.com.au

www.balmoralbreeders.com.au