



New England
Merino Sire
Evaluation
Association

MLP 2017 and 2018 Drops

Raw Data, Adjusted Sire Means & Flock Breeding Values (FBVs)



August 2020

- Reported indexes do not include reproduction results -

Further work is required to better estimate the *number of lambs weaned (NLW)* breeding trait for MLP site reports.

- Individual sire results may not be representative of their stud or flock -

Sires were specifically selected for the MLP project, [more details available for download](#).

PLEASE READ THE DISCLAIMERS ON EACH PAGE BEFORE USING RESULTS

Early interpretation of small data sets is not scientifically robust, especially for reproduction traits.

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www.merinosuperiorsires.com.au

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Foundation Ewe Base

The ewe base is a typical commercial superfine/fine wool type based on local performance recorded studs (most recently Cressbrook and Alfoxton sires, previously T13 and Westvale).

The Breech Strike Genetics flock makes up one-third of the ewe base, and is composed of genetics from many sources, although for the last five years prior to involvement in the MLP project, the flock has been essentially a superfine/fine wool flock (bulk 70's quality count, adult ewe mean fibre diameter approx. 17um). The Breech Strike Genetics flock, is deeply pedigreed, comprehensively phenotyped and well linked genetically to industry via MERINOSELECT.

Understanding the Results

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

Term	Definition																				
Site Breeding Objective:	The breeding objective of the New England Merino Sire Evaluation site is to breed and select sheep that have productive fleeces for the superfine type (14 -17.5um) and are structurally sound and capable of performing under the New England's climatic, pastoral and environmental conditions. Sheep should be well grown, have sound conformation, and wool of excellent white colour, well defined character and be free of fleece rot.																				
Raw data:	Ewe progeny results which are unadjusted for birth type, rear type, age of dam 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 birth type, rear type, age of dam, management group and the number of F1 breeding age ewes that are dry, lambled and lost, rearing single or multiple lambs. Adjustments improve the accuracy of the result and the size of the adjustment is based on the actual influence of these factors on 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 are calculated from data recorded within-site and within-drop and express the expected genetic performance 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 the association between traits, the heritability of the trait, and non-genetic affects such as birth and rear type, sex (see adjustments listed earlier), and the number of progeny a sire has in the analysis. Adult FBVs are calculated using all measured assessments up to the current stage. As further assessments are completed, breeding values at earlier stages are also subject to change.																				
Age at assessment:	<table border="0"> <tr> <td>M = Marking</td> <td>- 14 to 42 days</td> <td>H = Hogget</td> <td>- 400 to 540 days</td> </tr> <tr> <td>W = Weaning</td> <td>- 42 to 120 days</td> <td>A2 = Adult</td> <td>- 1.5 to 2.5 years</td> </tr> <tr> <td>E = Early Post Weaning</td> <td>- 120 to 210 days</td> <td>A3 = Adult</td> <td>- 2.5 to 3.5 years</td> </tr> <tr> <td>P = Post Weaning</td> <td>- 210 to 300 days</td> <td>A4 = Adult</td> <td>- 3.5 to 4.5 years</td> </tr> <tr> <td>Y = Yearling</td> <td>- 300 to 400 days</td> <td>A5 = Adult</td> <td>- 4.5 to 5.5 years</td> </tr> </table>	M = Marking	- 14 to 42 days	H = Hogget	- 400 to 540 days	W = Weaning	- 42 to 120 days	A2 = Adult	- 1.5 to 2.5 years	E = Early Post Weaning	- 120 to 210 days	A3 = Adult	- 2.5 to 3.5 years	P = Post Weaning	- 210 to 300 days	A4 = Adult	- 3.5 to 4.5 years	Y = Yearling	- 300 to 400 days	A5 = Adult	- 4.5 to 5.5 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 classer grades all progeny as either <u>Tops, Flocks or Culls</u> based on their visual assessment of all traits relative to the Site's Breeding Objective (see above) and is done in conjunction with the assessment of a range of visual traits. This classing reflects the approach that may be undertaken in a commercial flock.																				
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 flock breeding values into a single value that reflects a certain emphasis on these traits (see page 4 for more information).																				
Professional Classifier Grade:	A classer grades all progeny as either a <u>Top, Stud, Flock, Sale or Cull</u> based on their visual assessment of all traits relative to the Site's Breeding Objective. This classing reflects the approach that may be undertaken in a stud flock.																				
Traits: Abbreviation, trait and the (units reported)	<table border="0"> <tr> <td>GFW: Greasy fleece weight (kg/%)</td> <td>Foetus Rate: Foetuses scanned divided by ewes joined</td> </tr> <tr> <td>CFW: Clean fleece weight (kg/%)</td> <td>Survival: Foetuses scanned divided by lambs weaned</td> </tr> <tr> <td>FD: Average fibre diameter (um)</td> <td>Weaning Rate: Lambs weaned divided by ewes joined</td> </tr> <tr> <td>WT: Body weight (kg)</td> <td><i>Research Breeding Values:</i></td> </tr> <tr> <td>FDCV: Fibre diameter coefficient of variation (%)</td> <td>CONC: Conception - ewes pregnant per 100 ewes joined</td> </tr> <tr> <td>SL: Staple length (mm) at the mid-side</td> <td>LS: Litter Size - lambs born per 100 ewes lambing</td> </tr> <tr> <td>SS: Staple strength (NKtex) at the mid-side</td> <td>ERA: Ewe Rearing Ability - lambs weaned per 100 lambs born</td> </tr> <tr> <td>EMD: Eye muscle depth (mm) at the 'C' site</td> <td>NLW: Number of lambs weaned per 100 ewes joined</td> </tr> <tr> <td>FAT: Fat depth (mm) at the 'C' site</td> <td></td> </tr> <tr> <td>WEC: Worm egg count (%)</td> <td></td> </tr> </table>	GFW: Greasy fleece weight (kg/%)	Foetus Rate: Foetuses scanned divided by ewes joined	CFW: Clean fleece weight (kg/%)	Survival: Foetuses scanned divided by lambs weaned	FD: Average fibre diameter (um)	Weaning Rate: Lambs weaned divided by ewes joined	WT: Body weight (kg)	<i>Research Breeding Values:</i>	FDCV: Fibre diameter coefficient of variation (%)	CONC: Conception - ewes pregnant per 100 ewes joined	SL: Staple length (mm) at the mid-side	LS: Litter Size - lambs born per 100 ewes lambing	SS: Staple strength (NKtex) at the mid-side	ERA: Ewe Rearing Ability - lambs weaned per 100 lambs born	EMD: Eye muscle depth (mm) at the 'C' site	NLW: Number of lambs weaned per 100 ewes joined	FAT: Fat depth (mm) at the 'C' site		WEC: Worm egg count (%)	
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Visual Traits as reported: Based on the Visual Sheep Scores.	<table border="0"> <tr> <td>BRWR: Breech Wrinkle</td> <td>LEGS: Feet and Legs</td> <td>FLROT: Fleece Rot</td> </tr> <tr> <td>BCOV: Breech Cover</td> <td>FACE: Face Cover</td> <td>DUST: Dust penetration</td> </tr> <tr> <td>DAG: Dag</td> <td>BACK: Shoulder/Back</td> <td>WEATH: Staple Weathering</td> </tr> <tr> <td>URINE: Urine stain</td> <td>COL: Wool Colour</td> <td>CHAR: Wool Character</td> </tr> <tr> <td>BDWR: Body Wrinkle</td> <td>SSTRC: Staple Structure</td> <td></td> </tr> </table> <p><i>Further traits are reported in AMSEA Site Reports available via merinosuperiorsires.com.au.</i></p>	BRWR: Breech Wrinkle	LEGS: Feet and Legs	FLROT: Fleece Rot	BCOV: Breech Cover	FACE: Face Cover	DUST: Dust penetration	DAG: Dag	BACK: Shoulder/Back	WEATH: Staple Weathering	URINE: Urine stain	COL: Wool Colour	CHAR: Wool Character	BDWR: Body Wrinkle	SSTRC: Staple Structure						
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Trait Leaders:	The highest performing 3 (or more if equal) sires for each trait (trait leaders) are highlighted by shading .																				

MERINOSELECT indexes

A guide from Sheep Genetics

Why use a selection index?

Indexes are an important tool to drive genetic improvement in ram breeding programs. Each index combines multiple measured traits, or ASBVs, into a single value that reflects a certain production emphasis on these traits. A range of traits are included which are of economic or functional importance. Collectively, these traits make up the “breeding objective” of the index which aims to improve profitability in commercial sheep enterprises.

Indexes are useful because they balance genetic improvement appropriately across a range of traits with the emphasis of each individual trait determined by its relative importance to a selection approach for a particular style of production system.

“ Appropriately designed indexes are central to the goal of breeding more profitable sheep.

However, it is recommended that the performance of individual measured and visually assessed traits also be used in conjunction with indexes.

Choosing the right index

This report includes four indexes based on four commercial production systems, these are outlined in the figure below.

The Sheep Genetics website gives further index descriptions and explains that there are ‘base’ and ‘plus’ levels for each index with the latter including the ASBVs of additional traits. Sires reported in MSS have accurate ASBVs for many of these additional traits and so MSS reports the plus indexes; DP+, MP+, FP+ and WP+.

Dual Purpose (DP+) Income is a balance of wool from breeding ewes and meat production from lambs by Merino and terminal sires.	Merino Production (MP+) Income is a balance of wool and surplus Merino sheep sales with balanced improvement of fleece weight and fibre diameter.
Fibre Production (FP+) Income is mainly from the wool clip with a focus on superior wool quality through improving fibre diameter, CV and staple strength.	Wool Production (WP+) Income is a balance of wool and surplus Merino sheep sales with greater emphasis on increasing fleece weight.

“ When selecting on these indexes the long-term responses will vary depending on the traits measured, available pedigree, use of genomics, flock structure and selection emphasis on the index.

The changes in individual traits from using an index depend on the information you record in your flock. If you want to improve, or even just maintain a trait, you must record it to ensure ASBVs are sufficiently accurate for the index to do its job.

For detailed explanations and further information on indexes visit:

www.sheepgenetics.org.au

Sheep Genetics have resources available for both ram breeders and ram buyers.

2018 Drop

- Individual sire results may not be representative of their stud or flock -

Sires were specifically selected for the project to generate a population that is industry representative. [More details can be downloaded here.](#)
Each site's sire list will include rams representing a range in breeding philosophies, types, skin types, performance, age, horn status and industry usage.

Breeders flock, Sire name Sire ID #	Contact Details	Sire of Sire	Poll	Link Sire
Alfoxtton, 150430 504294-2015-150430	Chris Clonan P: (02) 6775 3245, M: 0429 12 5567, E: alfoxtton@bigpond.com	Armidale NSW 504470-2013-130240 (Charinga, 130240)	HH	
Avington Poll, 160047 601289-2016-160047	Noel Henderson P: (03) 5423 7100, M: 0418 17 0035, E: nhenderson@probuild.com.au	Sidonia VIC 501552-2012-120043 (Yalgoo, 120043)	PP	
Bungulla, 160350 503485-2016-160350	Peter Capel P: (02) 6785 7345, M: 0428 85 7348, E: bungulla1@bigpond.com	Manilla NSW Unknown	HH	
Clovernook Poll, 160095 601555-2016-160095	Todd Whillock P: (02) 6777 5975, M: 0427 74 0283, E: clovernook@antmail.com.au	Walcha NSW 601053-2013-131023 (Tuckwood Poll, 131023)	PH	
Cressbrook, 140055 502302-2014-140055	Lach Fulloon P: (02) 6775 1217, M: 0427 75 1217, E: cressbrk@bigpond.com	Armidale NSW 609182-2008-831327 (Centre Plus WA, 831327)	HH	Link
Eilan Donan, ED5145 (Harvey) 501747-2015-155145	Georgina and Hamish Wallace P: (03) 6381 5320, M: 0438 98 6257, E: gawallace@trefusis.com.au	Ross TAS 503855-2013-130004 (One Oak No2, 130004)	HH	
Europambela, 120101 501588-2012-120101	Tony Overton P: (02) 6777 2817, M: 0409 50 3423, E: tony@europambela.com.au	Walcha NSW 501588-2010-100190 (Europambela, 100190)	HH	
Hillcreston Park Poll, 110143 601161-2011-110143	Danny Picker P: (02) 4835 2220, M: 0427 12 3478, E: dan.d@activ8.net.au	Bigga NSW 601161-2007-071003 (Hillcreston Park Poll, 071003)	PP	
Hilltop, 160156 (HT156) 504483-2016-160156	Adam Mort P: (02) 6373 3514, M: 0410 68 7595, E: amort2360@gmail.com	Mudgee NSW 503534-2014-140961 (Yarrowonga, 140961)	PH	
Karori, 150222 504773-2015-150222	Edward & Karen Blomfield P: (02) 6777 9189, M: 0409 60 8697, E: ed.karen@karori.com.au	Walcha NSW 504773-2011-110386 (Karori, 110386)	HH	
Nerstane, 150073 503298-2015-150073	John, Hamish and Jock McLaren P: (02) 6777 5881, M: 0429 77 5891, E: info@nerstane.com.au	Woolbrook NSW 504389-2012-120239 (East Strathglen, 120239)	HH	Link
Petali Poll, 160849 601279-2016-160849	Martin and Cheryl Oppenheimer M: 0413 58 0040, E: petali1805@gmail.com	Walcha NSW 601279-2014-140797 (Petali Poll, 140797)	PP	
Tallowong Merinos, 150280 505011-2015-150280	Frank Kaveney M: 0427 27 5701, E: tallawong.merinos@bigpond.com	Yass NSW 500383-2011-003542 (Hazeldean, 003542)	PP	Link
Wurrook, 130149 502250-2013-130149	Paul Walton P: (03) 5346 1401, M: 0427 46 1401, E: wurrook@icloud.com	Rokewood VIC Unknown	HH	Link
Yalgoo, 160070 501552-2016-160070	Jock Nivison P: (02) 6777 2088, M: 0497 76 2977, E: jock@yalgoogenetics.com.au	Walcha NSW 601250-2013-307204 (Centre Plus, 307204)	PP	

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).
- 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.

Link Sires are those evaluated to provide links between years and sites so that the all site results can be combined into a single report.

2018 Drop

Raw Data

Birth and Rear Type Counts - F1 Ewes

Breeders flock, Sire number	Birth Type (Scanning)			Rear Type (Weaning)		
	Single	Twin	Triplet	Single	Twin	Triplet
Alfoxton, 150430	16	32		23	25	
Avington Poll, 160047	20	27		29	18	
Bungulla, 160350	22	18		24	16	
Clovernook Poll, 160095	23	20		25	18	
Cressbrook, 140055	18	34		26	26	
Eilan Donan, ED5145 (Harvey)	16	26		24	18	
Europambela, 120101	9	30		14	25	
Hillcreston Park Poll, 110143	18	28	1	27	20	
Hilltop, 160156 (HT156)	23	19	2	25	19	
Karori, 150222	18	24		20	22	
Nerstane, 150073	19	23	1	31	11	1
Petali Poll, 160849	17	22	3	22	17	3
Tallawong Merinos, 150280	14	21	2	20	17	
Wurrook, 130149	23	15	3	26	15	
Yalgoo, 160070	24	16		27	13	
Total	280	355	12	363	280	4
	43%	55%	2%	56%	43%	1%

This relates to the 2018 Drop F1 ewes own birth and rear type

Raw Data

Counts - F1 Ewes

Marking 27/09/18	Weaning 03/12/18	Yearling Classing 30/07/19	Adult2 Classing 02/06/20	Survival Rate from Marking %
48	48	48	48	100%
47	47	47	46	98%
41	40	40	40	98%
43	43	43	43	100%
53	52	52	52	98%
43	42	42	42	98%
40	39	39	39	98%
48	47	47	47	98%
44	44	42	42	95%
42	42	42	42	100%
43	43	41	41	95%
42	42	42	42	100%
38	37	33	33	87%
41	41	41	41	100%
40	40	40	40	100%
44	43	43	43	98%
653	647	639	638	

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

This publication contains raw data which has not been adjusted for factors that may improve the accuracy of its interpretation for genetic evaluation purposes such as birth and rear type, age of dam and management group, the number of breeding age ewes that are dry, rearing single or twin lambs nor accounting for differences in the foundation ewe sources. Persons should take particular care using raw data for genetic evaluation.

2018 Drop

Raw Data

Wool - F1 Ewes

Wool growth in Months @ Shearing

Yearling	11
Adult2	11

Breeders flock, Sire number	GFW (kg)		CFW (kg)		FD (µm)		FDCV (%)		SL (mm)		SS (Nktex)	
	Y	A2	Y	A2	Y	A2	Y	A2	Y	A2	Y	A2
Alfoxton, 150430	3.2	4.5	2.2	3.4	16.1	16.7	18.7	17.5	85.1	87.7	25.5	34.2
Avington Poll, 160047	2.9	4.0	2.0	3.1	14.8	15.2	18.0	17.2	80.3	83.1	28.4	35.8
Bungulla, 160350	3.3	4.6	2.3	3.5	16.2	17.0	18.6	17.0	97.8	98.4	27.7	34.7
Clovernook Poll, 160095	3.2	4.5	2.3	3.3	15.8	16.7	17.8	15.6	102.4	103.0	26.9	30.7
Cressbrook, 140055	3.0	4.2	2.1	3.2	14.4	15.0	19.1	18.0	91.2	91.4	23.8	28.4
Eilan Donan, ED5145 (Harvey)	2.9	4.4	2.0	3.4	15.8	16.6	18.6	16.8	83.0	86.0	27.9	35.9
Europambela, 120101	2.6	3.6	1.8	2.7	15.1	15.6	17.7	16.2	78.1	78.3	31.5	37.7
Hillcreston Park Poll, 110143	2.6	3.8	1.8	2.9	14.9	15.8	18.8	17.1	77.6	80.7	24.3	33.8
Hilltop, 160156 (HT156)	2.9	4.1	2.1	3.2	15.5	16.7	17.4	15.9	91.0	94.5	28.4	35.0
Karori, 150222	3.1	4.3	2.2	3.3	15.3	16.3	17.3	15.4	89.2	93.8	32.3	43.1
Nerstane, 150073	3.3	4.5	2.4	3.5	15.8	16.6	18.2	16.0	93.4	97.2	28.2	36.3
Petali Poll, 160849	3.0	4.2	2.0	3.1	15.5	16.4	18.7	16.9	88.1	90.4	26.5	31.2
Tallawong Merinos, 150280	3.3	4.7	2.4	3.6	15.3	15.9	17.4	14.9	88.1	93.6	33.8	40.7
Wurrook, 130149	3.2	4.3	2.3	3.3	15.3	16.0	19.0	17.1	88.0	91.9	25.9	33.6
Yalgoo, 160070	3.2	4.4	2.2	3.4	14.8	15.8	19.1	17.3	87.6	93.4	27.4	32.4
Average	3.0	4.3	2.1	3.3	15.4	16.2	18.3	16.6	88.1	90.9	27.9	34.9

M = Marking (14-42 days); W = Weaning (42-120 days); P = Post Weaning (210-300 days); Y = Yearling (300-400 days); H = Hogget (400-540 days); A2 = Adult (1.5-2.5 years); A3 = Adult (2.5-3.5 years).

This raw data is from the F1 ewe progeny only of the sires.

This publication contains raw data which has not been adjusted for factors that may improve the accuracy of its interpretation for genetic evaluation purposes such as birth and rear type, age of dam and management group, the number of breeding age ewes that are dry, rearing single or twin lambs nor accounting for differences in the foundation ewe sources. Persons should take particular care using raw data for genetic evaluation.

2018 Drop

Raw Data

Weight, Carcase and Condition Score - F1 Ewes

Breeders flock, Sire number	Weight (kg)			Weight Gain Weaning to Yearling	Weight (kg)		Weight Gain Weaning to Joining	EMD (mm)		FAT (mm)		Condition Score	
	W	P	Y		H	A2 Pre Joining		H	A2	H	A2	H	A2
	03/12/18	12/03/19	08/08/19		01/11/19	20/03/20		01/11/19	20/03/20	01/11/19	20/03/20	01/11/19	20/03/20
Alfoxton, 150430	23.3	28.1	37.1	13.8	39.4	51.3	28.0	22.6	25.0	1.5	1.5	3.0	3.1
Avington Poll, 160047	23.2	26.1	33.8	10.6	36.6	48.5	25.3	21.3	23.9	1.3	1.4	3.1	3.1
Bungulla, 160350	22.9	27.1	35.0	12.1	36.8	49.4	26.5	22.3	23.8	1.7	2.0	3.2	3.2
Clovernook Poll, 160095	24.3	28.1	36.1	11.8	38.5	51.0	26.7	23.2	25.4	1.5	1.6	3.2	3.2
Cressbrook, 140055	22.8	26.4	34.7	11.9	36.8	48.4	25.6	22.3	24.9	1.3	1.4	3.0	3.1
Eilan Donan, ED5145 (Harvey)	22.3	25.8	33.7	11.4	36.4	48.4	26.1	22.1	24.5	1.2	1.6	3.0	3.2
Europambela, 120101	20.2	23.7	31.1	10.9	33.5	43.7	23.5	22.4	25.2	1.5	1.7	3.1	3.2
Hillcreston Park Poll, 110143	21.0	23.3	31.5	10.5	34.3	44.9	23.9	21.5	24.3	1.2	1.3	3.1	3.1
Hilltop, 160156 (HT156)	23.6	27.5	35.9	12.3	38.0	50.2	26.6	22.0	24.0	1.5	1.6	3.1	3.2
Karori, 150222	21.6	26.0	33.8	12.2	36.3	48.6	27.0	21.2	24.6	1.5	1.6	3.0	3.2
Nerstane, 150073	24.0	28.4	37.7	13.7	40.3	52.8	28.8	22.6	25.3	1.6	1.7	3.2	3.2
Petali Poll, 160849	21.7	25.2	32.9	11.2	35.0	47.6	25.9	22.6	24.9	1.4	1.6	3.1	3.2
Tallawong Merinos, 150280	22.6	26.5	35.6	13.0	37.3	49.2	26.6	20.0	23.1	1.2	1.4	3.0	3.0
Wurrook, 130149	23.0	26.7	33.6	10.6	35.8	46.8	23.8	19.9	21.8	1.2	1.4	3.0	3.1
Yalgoo, 160070	22.2	25.7	33.3	11.1	35.0	46.9	24.7	20.5	22.4	1.3	1.3	3.0	3.1
Average	22.6	26.3	34.4	11.8	36.7	48.5	25.9	21.8	24.2	1.4	1.5	3.1	3.1

M = Marking (14-42 days); W = Weaning (42-120 days); P = Post Weaning (210-300 days); Y = Yearling (300-400 days); H = Hogget (400-540 days); A2 = Adult (1.5-2.5 years); A3 = Adult (2.5-3.5 years).

This raw data is from the F1 ewe progeny only of the sires.

This publication contains raw data which has not been adjusted for factors that may improve the accuracy of its interpretation for genetic evaluation purposes such as birth and rear type, age of dam and management group, the number of breeding age ewes that are dry, rearing single or twin lambs nor accounting for differences in the foundation ewe sources. Persons should take particular care using raw data for genetic evaluation.

2018 Drop

Raw Data

Visual Scores - F1 Ewes

Breeder's flock, Sire number	Breech												Conformation								Wool Quality								Pigmentn.
	BWR				BCOV				DAG		URINE		BDWR		BACK		LEGS		FACE		COL		FLROT		WEATH		CHAR		BLACK (%)
	M	P	Y	A2	M	P	Y	A2	P	H	P	H	Y	A2	Y	A2	Y	A2	Y	A2	Y	A2	Y	A2	Y	A2	Y	A2	M
Alfoxton, 150430	2.8	2.6	3.2	2.9	4.6	4.5	4.3	4.2	1.2	1.3	1.6	1.6	2.9	2.9	1.5	1.3	1.0	1.4	2.9	3.0	3.0	3.0	1.1	1.0	2.7	2.4	2.3	2.0	0
Avington Poll, 160047	2.4	3.0	3.1	2.9	4.6	4.3	4.2	4.3	1.5	1.8	1.5	1.7	3.0	2.8	1.3	1.6	1.0	1.1	3.0	3.0	2.7	2.6	1.3	1.0	2.6	2.1	2.8	2.6	0
Bungulla, 160350	1.7	2.3	2.8	2.6	4.6	4.4	4.4	4.3	1.7	1.9	1.1	1.3	2.6	2.8	1.1	1.1	1.0	1.3	2.8	3.0	3.0	3.2	1.0	1.0	3.0	2.7	2.7	2.5	0
Clovernook Poll, 160095	2.0	2.2	2.5	2.3	4.7	4.4	4.3	4.3	1.5	2.0	1.3	1.5	2.3	2.4	1.1	1.1	1.0	1.1	2.7	2.9	3.0	3.3	1.1	1.0	3.2	3.1	2.1	2.1	0
Cressbrook, 140055	2.3	2.6	2.9	2.9	4.8	4.7	4.4	4.3	1.3	1.7	1.2	1.6	2.6	2.8	1.3	1.3	1.0	1.3	2.7	3.0	2.7	3.0	1.1	1.0	3.0	2.6	2.5	2.3	0
Eilan Donan, 155145	2.1	2.5	3.0	3.0	4.9	4.7	4.6	4.5	1.6	2.1	1.5	1.7	2.6	3.0	1.3	1.3	1.0	1.5	2.7	3.0	3.1	3.2	1.1	1.0	2.7	2.3	2.6	2.2	0
Europambela, 120101	3.1	3.1	3.4	3.2	4.8	4.8	4.7	4.8	1.7	1.7	1.8	1.9	3.0	3.1	1.0	1.2	1.0	1.4	3.1	3.1	2.2	1.9	1.1	1.0	2.4	2.0	3.2	2.8	0
Hillcreston Park Poll, 110143	3.4	3.3	3.5	3.3	4.6	4.7	4.7	4.6	1.5	1.8	2.1	1.9	3.1	3.1	1.3	1.3	1.0	1.6	3.0	3.0	2.5	2.4	1.1	1.0	2.5	2.1	2.9	2.6	0
Hilltop, 160156 (HT156)	2.5	2.3	2.7	2.7	4.7	4.6	4.3	4.2	1.3	1.6	1.4	1.6	2.4	2.6	1.1	1.1	1.0	1.4	2.7	3.0	2.5	2.7	1.1	1.0	3.0	2.6	2.2	2.0	0
Karori, 150222	2.4	2.7	3.0	2.7	4.6	4.5	4.3	4.2	1.4	1.6	1.7	1.8	2.7	2.7	1.1	1.2	1.0	1.1	2.8	3.0	2.7	2.5	1.0	1.0	2.9	2.6	2.2	2.1	0
Nerstane, 150073	2.5	2.7	3.1	2.9	4.6	4.5	4.3	4.3	1.3	1.8	1.6	1.6	2.7	3.0	1.3	1.4	1.0	1.9	3.0	3.0	2.9	2.9	1.2	1.0	3.0	2.8	2.6	2.4	0
Petali Poll, 160849	2.4	2.6	2.9	2.8	4.7	4.4	4.4	4.3	1.7	1.9	1.7	1.6	2.6	2.9	1.0	1.0	1.1	1.4	3.0	3.0	2.9	2.9	1.1	1.0	2.8	2.5	2.3	2.3	0
Tallawong Merinos, 150280	3.1	3.0	3.4	3.1	4.5	4.2	4.2	4.1	1.6	1.7	1.4	1.5	3.3	3.1	1.3	1.4	1.0	1.4	3.0	3.1	3.2	3.3	1.1	1.0	2.7	2.5	2.3	2.2	0
Wurrook, 130149	2.9	2.9	3.2	3.2	4.7	4.4	4.5	4.3	1.5	1.8	1.9	1.7	3.1	3.1	1.2	1.5	1.0	1.6	3.0	3.0	2.7	2.4	1.0	1.0	2.8	2.5	2.4	2.2	0
Yalgoo, 160070	3.2	3.0	3.3	3.2	4.6	4.4	4.5	4.4	1.6	1.5	1.7	1.8	3.2	3.2	1.2	1.5	1.0	1.4	3.0	2.9	2.9	2.7	1.0	1.0	2.8	2.6	2.4	2.2	0
Average	2.6	2.7	3.1	2.9	4.7	4.5	4.4	4.3	1.5	1.7	1.6	1.7	2.8	2.9	1.2	1.3	1.0	1.4	2.9	3.0	2.8	2.8	1.1	1.0	2.8	2.5	2.5	2.3	-

M = Marking (14-42 days); W = Weaning (42-120 days); P = Post Weaning (210-300 days); Y = Yearling (300-400 days); H = Hogget (400-540 days); A2 = Adult (1.5-2.5 years); A3 = Adult (2.5-3.5 years).
BLACK = Recessive black caused by the Agouti gene, the presence of pigmented wool anywhere presenting as relatively symmetrical markings. Scored separately to random spot or fibre pigmentation.

Further visual pigmentation scores are available for download and reported on page 23 of the
[**New England 2018 Drop Yearling Assessment Sire Evaluation Site Report.**](#)

All visual traits are scores from the F1 ewe progeny only of the sires.

This publication contains raw data which has not been adjusted for factors that may improve the accuracy of its interpretation for genetic evaluation purposes such as birth and rear type, age of dam and management group, the number of breeding age ewes that are dry, rearing single or twin lambs nor accounting for differences in the foundation ewe sources. Persons should take particular care using raw data for genetic evaluation.

2018 Drop

Raw Data

Professional Classer Grade - F1 Ewes

Classer: Andrew Calvert (Y), Angus Carter (A2)

Results are ewe numbers as classed into each grade.

Breeders flock, Sire number	Yearling 25/07/19					Adult2 02/06/20				
	Top	First	Flock	Sale	Cull	Top	First	Flock	Sale	Cull
Alfoxton, 150430		6	26	12	4	2	5	31	7	3
Avington Poll, 160047		3	29	5	10		2	26	15	3
Bungulla, 160350	3	5	18	11	3	2	4	31	2	1
Clovernook Poll, 160095	1	5	31	4	2		5	31	6	1
Cressbrook, 140055		5	34	8	5		4	42	5	1
Eilan Donan, 155145		3	28	7	4		3	30	8	1
Europambela, 120101			19	8	12			16	14	9
Hillcreston Park Poll, 110143		1	23	11	12		2	24	13	8
Hilltop, 160156 (HT156)		8	29	4	1		8	30	3	1
Karori, 150222		3	28	7	4		4	35	3	
Nerstane, 150073	2	8	25	5	1	1	12	28		
Petali Poll, 160849		1	27	11	3		4	31	5	2
Tallawong Merinos, 150280	1	5	19	3	5		6	26	1	
Wurrook, 130149		7	24	5	5		6	29	6	
Yalgoo, 160070	1	9	19	5	6	2	6	21	10	1
Total	8	69	379	106	77	7	71	431	98	31
	1%	11%	59%	17%	12%	1%	11%	68%	15%	5%

Please note: Two different classing approaches carried out separately by two different classers are reported in this booklet. The Professional Classing results reported in the above table are raw unadjusted data based on a five way class. The Classers Grade on page 12 is presented as Adjusted Sire Means which are adjusted for birth and rear type, age of dam, age of measurement and management group, however have not been made for F1 ewe pregnancy and lactation status. More information about these differing approaches can be found on page 3.

This publication contains raw data which has not been adjusted for factors that may improve the accuracy of its interpretation for genetic evaluation purposes such as birth and rear type, age of dam and management group, the number of breeding age ewes that are dry, rearing single or twin lambs nor accounting for differences in the foundation ewe sources. Persons should take particular care using raw data for genetic evaluation.

2018 Drop

Adjusted Sire Means

Wool

Wool growth in Months @ Shearing

Yearling	11
Adult2	11

Breeders flock, Sire number	GFW (kg)		CFW (kg)		FD (µm)		FDCV (%)		SL (mm)		SS (Nktex)	
	Y	A2	Y	A2	Y	A2	Y	A2	Y	A2	Y	A2
Alfoxton, 150430	3.3	4.6	2.3	3.5	16.0	16.6	18.7	17.5	85.4	87.8	25.5	34.2
Avington Poll, 160047	2.8	4.0	2.0	3.1	14.8	15.2	18.0	17.3	79.8	83.0	28.2	35.9
Bungulla, 160350	3.2	4.6	2.3	3.5	16.2	17.0	18.6	17.0	97.2	97.9	27.9	34.3
Clovernook Poll, 160095	3.1	4.4	2.2	3.3	15.9	16.8	17.8	15.8	102.2	102.8	27.0	30.7
Cressbrook, 140055	3.0	4.2	2.1	3.2	14.3	14.9	19.2	18.0	91.3	91.5	23.8	28.5
Eilan Donan, ED5145 (Harvey)	2.9	4.4	2.0	3.4	15.8	16.6	18.6	16.8	83.1	85.7	28.2	36.1
Europambela, 120101	2.7	3.7	1.9	2.8	15.0	15.7	17.8	16.2	78.2	78.7	31.3	38.2
Hillcreston Park Poll, 110143	2.7	3.8	1.9	2.9	14.9	15.8	18.8	17.2	77.9	81.1	24.0	33.8
Hilltop, 160156 (HT156)	2.9	4.0	2.1	3.2	15.6	16.7	17.4	15.9	90.9	94.3	28.2	34.3
Karori, 150222	3.1	4.3	2.2	3.4	15.3	16.3	17.3	15.3	89.8	94.3	32.2	43.1
Nerstane, 150073	3.3	4.5	2.3	3.4	15.8	16.7	18.3	16.1	92.6	96.5	28.6	36.7
Petali Poll, 160849	3.1	4.1	2.1	3.1	15.5	16.4	18.5	16.6	87.8	89.9	27.1	31.9
Tallawong Merinos, 150280	3.4	4.7	2.4	3.6	15.3	15.9	17.5	14.9	88.4	93.8	33.7	40.4
Wurrook, 130149	3.1	4.3	2.3	3.3	15.4	16.1	19.0	17.2	88.6	92.5	25.6	33.1
Yalgoo, 160070	3.1	4.4	2.2	3.3	14.8	15.8	19.1	17.2	87.7	93.5	27.3	32.4
Average	3.0	4.3	2.1	3.3	15.4	16.2	18.3	16.6	88.1	90.9	27.9	34.9

Weight, Carcase and Condition Score

Breeders flock, Sire number	WT (kg)					EMD (mm)		FAT (mm)		Condition Score	
	W	P	Y	H	A2	H	A2	H	A2	H	A2
Alfoxton, 150430	24.0	28.7	37.6	39.8	51.7	22.7	25.2	1.5	1.5	3.0	3.1
Avington Poll, 160047	22.7	25.9	33.8	36.7	48.6	21.4	24.0	1.3	1.4	3.1	3.1
Bungulla, 160350	22.3	26.7	34.8	36.6	49.2	22.2	23.8	1.7	2.0	3.2	3.2
Clovernook Poll, 160095	23.6	27.5	35.4	37.7	50.3	22.9	25.1	1.5	1.5	3.1	3.2
Cressbrook, 140055	23.2	26.6	34.8	37.0	48.6	22.3	24.9	1.3	1.5	3.1	3.1
Eilan Donan, ED5145 (Harvey)	22.8	26.2	33.9	36.5	48.6	22.1	24.5	1.2	1.6	3.1	3.2
Europambela, 120101	21.4	24.6	31.6	33.9	44.1	22.6	25.3	1.5	1.7	3.1	3.2
Hillcreston Park Poll, 110143	21.1	23.4	31.5	34.4	45.0	21.5	24.3	1.3	1.3	3.1	3.1
Hilltop, 160156 (HT156)	23.2	27.1	35.9	37.9	49.9	22.0	24.0	1.4	1.5	3.1	3.1
Karori, 150222	21.9	26.1	33.9	36.4	48.7	21.3	24.6	1.5	1.6	3.0	3.2
Nerstane, 150073	23.4	28.0	37.2	39.7	52.2	22.4	25.2	1.5	1.6	3.2	3.2
Petali Poll, 160849	22.0	25.6	33.2	35.3	47.8	22.7	25.2	1.4	1.6	3.1	3.2
Tallawong Merinos, 150280	22.8	26.6	35.7	37.4	49.3	19.9	23.0	1.2	1.4	3.0	3.0
Wurrook, 130149	22.6	26.5	33.5	35.7	46.7	19.7	21.8	1.2	1.4	3.0	3.1
Yalgoo, 160070	21.4	25.3	33.2	34.9	46.8	20.6	22.5	1.3	1.4	3.0	3.2
Average	22.6	26.3	34.4	36.7	48.5	21.8	24.2	1.4	1.5	3.1	3.1

M = Marking (14-42 days); W = Weaning (42-120 days); P = Post Weaning (210-300 days); Y = Yearling (300-400 days); H = Hogget (400-540 days); A2 = Adult (1.5-2.5 years); A3 = Adult (2.5-3.5 years).

These Adjusted Sire Means were calculated using only the F1 ewe progeny of the sires.

Adjustments account for factors that may improve accuracy of using the results such as birth and rear type, management groups (which includes accounting for differences in the foundation ewe sources) and dam age. Traits that are measured following each reproduction cycle are adjusted for the number of F1 breeding age ewes that are dry, lambled and lost, rearing single or multiple lambs.

2018 Drop

Adjusted Sire Means Classer's Visual Grade - F1 Ewes

Classer: Angus Carter

Breeders flock, Sire number	Progeny No [^]	TOPS (%)		CULLS (%)	
		Y	A2	Y	A2
Alfoxtton, 150430	48	2	9	5	-5
Avington Poll, 160047	46	-12	-17	15	20
Bungulla, 160350	40	1	1	-12	-10
Clovernook Poll, 160095	43	12	2	-7	-1
Cressbrook, 140055	52	3	1	-3	-9
Eilan Donan, 155145	42	-3	-13	9	-3
Europambela, 120101	39	-15	-17	34	34
Hillcreston Park Poll, 110143	47	-15	-17	17	25
Hilltop, 160156 (HT156)	42	0	5	-7	-7
Karori, 150222	42	-10	7	-14	-11
Nerstane, 150073	41	10	23	-14	-16
Petali Poll, 160849	42	0	1	1	-2
Tallawong Merinos, 150280	33	2	7	-12	-15
Wurrook, 130149	41	19	10	-14	-4
Yalgoo, 160070	40	5	-1	2	3
Average	43	18	22	24	16

M = Marking (14-42 days); W = Weaning (42-120 days); P = Post Weaning (210-300 days); Y = Yearling (300-400 days); H = Hogget (400-540 days); A2 = Adult (1.5-2.5 years); A3 = Adult (2.5-3.5 years).

[^] Progeny No is the total ewe progeny number for each sire at their most recent classing event.

These Classer's Visual Grades were calculated using only the F1 ewe progeny of the sires.

Please note: Two different classing approaches carried out separately by two different classers are reported in this booklet. The Classers Visual Grade results are presented in the table above as Adjusted Sire Means which are adjusted for birth and rear type, age of dam, age of measurement and management group, however have not been made for F1 ewe pregnancy and lactation status.

The Professional Classing results reported on page 10 are raw unadjusted data based on a five way class. More information about these differing approaches can be found on page 3.

Adjustments account for factors that may improve accuracy of using the results such as birth and rear type, management groups (which includes accounting for differences in the foundation ewe sources) and dam age. Traits that are measured following each reproduction cycle are adjusted for the number of F1 breeding age ewes that are dry, lambled and lost, rearing single or multiple lambs.

2018 Drop

Within-Site and Within-Drop Flock Breeding Values

Wool

Breeders flock, Sire number	Progeny No [^]	YGFW (%)	AGFW (%)	YCFW (%)	ACFW (%)	YFD (μm)	AFD (μm)	YFDCV (%)	AFDCV (%)	YSL (mm)	ASL (mm)	YSS (Nktex)	ASS (Nktex)
Alfoxtton, 150430	95	7	7	5	9	0.9	0.7	1.0	1.6	-6.1	-4.7	-3.7	-3.3
Avington Poll, 160047	85	-10	-6	-8	-7	-1.1	-1.9	-0.3	0.3	-13.4	-14.2	2.2	2.2
Bungulla, 160350	76	10	14	13	18	1.5	1.6	-0.2	0.3	15.1	13.5	1.4	-0.5
Clovernook Poll, 160095	91	4	3	3	-1	1.0	1.3	-0.9	-1.1	23.5	21.5	-3.6	-7.2
Cressbrook, 140055	105	-9	-5	-8	-5	-2.4	-2.9	1.6	2.8	3.5	0.2	-7.1	-11.2
Eilan Donan, ED5145 (Harvey)	96	-3	8	-4	10	1.0	1.2	0.9	0.6	-7.4	-8.0	-1.0	2.5
Europambela, 120101	91	-24	-27	-30	-36	-0.6	-1.0	-1.0	-0.6	-17.0	-20.1	6.3	5.6
Hillcreston Park Poll, 110143	95	-30	-24	-31	-29	-1.0	-0.6	0.7	0.8	-19.8	-19.3	-2.3	-3.1
Hilltop, 160156 (HT156)	97	0	-9	4	-3	0.4	0.9	-1.2	-1.3	3.2	4.0	0.4	2.3
Karori, 150222	104	4	-3	5	-1	-0.1	-0.1	-1.6	-2.2	3.3	6.3	7.1	11.5
Nerstane, 150073	89	19	14	21	16	1.1	1.3	0.2	-0.8	10.5	12.6	-0.5	3.1
Petali Poll, 160849	97	-2	-1	-8	-6	0.4	0.9	0.3	-0.1	-1.0	-0.6	-2.8	-2.8
Tallawong Merinos, 150280	89	14	11	16	14	0.2	-0.1	-1.7	-2.3	0.8	2.9	8.7	11.3
Wurrook, 130149	89	11	8	14	9	-0.1	-0.5	1.5	1.5	1.1	0.0	-4.4	-7.2
Yalgoo, 160070	83	10	9	7	11	-1.1	-0.9	0.7	0.4	3.9	6.0	-0.7	-3.3

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, combining data from all age stages).

[^] Progeny No is the total progeny number for each sire at weaning, including ewes and wethers.

These Flock Breeding Values were calculated using both the F1 ewe and F1 wether progeny of the sires.

Please see page 3 for a full description of trait names and an explanation of Flock Breeding Values.

2018 Drop

Within-Site and Within-Drop Flock Breeding Values

Weight, Carcase and WEC

Breeders flock, Sire number	Progeny No [^]	WWT (kg)	PWT (kg)	YWT (kg)	HWT (kg)	AWT (kg)	HEMD (mm)	HFAT (mm)	PWEC (%)	HWEC (%)
Alfoxtton, 150430	95	3.3	3.1	3.7	3.9	2.3	-0.2	-0.3	130	119
Avington Poll, 160047	85	1.0	1.5	1.5	1.5	1.7	-1.2	-0.9	-37	-66
Bungulla, 160350	76	0.0	0.5	0.9	0.2	-0.2	0.7	3.5	-13	-36
Clovernook Poll, 160095	91	3.4	3.5	3.2	3.6	4.4	2.2	1.0	-7	-7
Cressbrook, 140055	105	1.8	-1.2	-1.1	-2.1	-2.7	0.7	-1.2	84	77
Eilan Donan, ED5145 (Harvey)	96	1.1	1.7	1.0	1.6	2.1	0.9	-1.2	12	43
Europambela, 120101	91	-3.8	-6.5	-6.1	-5.4	-6.2	3.5	2.4	8	-29
Hillcreston Park Poll, 110143	95	-4.2	-9.0	-9.3	-9.3	-7.0	1.3	-0.3	-28	-24
Hilltop, 160156 (HT156)	97	1.1	4.5	5.3	4.6	3.2	-0.1	0.4	-7	33
Karori, 150222	104	-1.9	-0.8	-1.8	-1.0	-0.9	-0.9	1.1	-39	-33
Nerstane, 150073	89	2.6	6.3	7.9	9.2	8.0	-0.4	0.0	19	-2
Petali Poll, 160849	97	-2.1	-2.8	-2.6	-2.5	-1.0	2.7	0.9	-13	28
Tallawong Merinos, 150280	89	0.5	0.4	1.0	0.3	-0.5	-3.9	-2.5	-5	21
Wurrook, 130149	89	-1.5	0.2	-1.2	-0.7	-0.6	-4.1	-2.0	-10	17
Yalgoo, 160070	83	-1.5	-1.3	-2.4	-3.7	-2.7	-1.1	-1.0	-23	-37

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, combining data from all age stages).

[^] Progeny No is the total progeny number for each sire at weaning, including ewes and wethers.

These Flock Breeding Values were calculated using both the F1 ewe and F1 wether progeny of the sires.

Please see page 3 for a full description of trait names and an explanation of Flock Breeding Values.

Within-Site and Within-Drop Indexes

Breeders flock, Sire number	Dual Purpose Plus	Merino Production Plus	Fibre Production Plus	Wool Production Plus
Alfoxtton, 150430	111	105	84	114
Avington Poll, 160047	105	113	124	101
Bungulla, 160350	113	105	99	116
Clovernook Poll, 160095	108	84	75	96
Cressbrook, 140055	109	100	101	94
Eilan Donan, ED5145 (Harvey)	114	99	96	104
Europambela, 120101	81	65	80	50
Hillcreston Park Poll, 110143	52	42	65	37
Hilltop, 160156 (HT156)	113	108	97	109
Karori, 150222	100	118	124	108
Nerstane, 150073	130	136	113	142
Petali Poll, 160849	95	71	76	77
Tallawong Merinos, 150280	101	140	138	131
Wurrook, 130149	66	105	103	111
Yalgoo, 160070	101	110	117	108

Please note that reproduction performance is not currently included in the calculation of these indexes.

Further work is required to better estimate the *number of lambs weaned (NLW)* breeding value for MLP Site Reports.

All other available data collected from both the F1 ewe and F1 wether progeny of the sires has been included.

2017 Sire and Contact Details

- Individual sire results may not be representative of their stud or flock -

Sires were specifically selected for the project to generate a population that is industry representative. [More details can be downloaded here.](#)
Each site's sire list will include rams representing a range in breeding philosophies, types, skin types, performance, age, horn status and industry usage.

Breeders flock, Sire name Sire ID #	Contact Details	Sire of Sire	Poll	Link Sire
Connemara Poll, 140257 609228-2014-140257	Grant Burbidge Tarcutta NSW P: (02) 6928 9523, M: 0409 28 9523, E: grantburbidge@bigpond.com	609228-2009-093220 (Connemara, 093220)	HH	
Conrayn, MVB123 504560-2013-MVB123	Peter Lette Berridale NSW P: (02) 6456 3034, M: 0409 91 6117, E: conrayn@skymesh.com.au	Unknown	HH	
Cressbrook, 140055 502302-2014-140055	Lach Fulloon Armidale NSW P: (02) 6775 1217, M: 0427 75 1217, E: cressbrk@bigpond.com	609182-2008-831327 (Centre Plus WA, 831327)	HH	
Egelabra, HEK 1.36 500032-2001-010036	Cam Munro Warren NSW P: (02) 6847 4808, M: 0428 47 8696, E: cmunro@egelabra.com	500032-1999-994000 (Egelabra, 994000)	HH	
Grindon, 150017 504455-2015-150017	Roland Ritson Boyup Brook WA P: (08) 9765 3053, M: 0427 65 3053, E: grindon@grindon.com.au	504455-2013-130215 (Grindon, 130215)	PP	
Karori, 140188 504773-2014-140188	Edward & Karen Blomfield Walcha NSW P: (02) 6777 9189, M: 0409 60 8697, E: ed.karen@karori.com.au	504773-2011-110386 (Karori, 110386)	HH	
Miramoona, 140012 503471-2014-140012	Kim Barnet Walcha NSW P: (02) 6777 2885, M: 0429 77 2885, E: barnet@miramoona.com	609147-2012-120096 (Anderson, 120096)	PH	
Mirani, 120021 500732-2012-120021	Hugh Nivison Walcha NSW P: (02) 6777 1360, M: 0412 40 2576, E: mirani@mirani.com.au	503298-2009-090910 (Nerstane, 090910)	HH	
Moorundie Poll, NE73 601502-2015-150073	Peter Wallis Pinnaroo SA P: (08) 8576 6141, M: 0428 76 6126, E: peter@glenleaparkmerinos.com.au	601502-2011-110020 (Moorundie Poll, 110020)	PP	Link
Nerstane, 150073 503298-2015-150073	John, Hamish and Jock McLaren Woolbrook NSW P: (02) 6777 5881, M: 0429 77 5891, E: info@nerstane.com.au	504389-2012-120239 (East Strathglen, 120239)	HH	
Petali Poll, 150697 601279-2015-150697	Martin and Cheryl Oppenheimer Walcha NSW M: 0413 58 0040, E: petali1805@gmail.com	609147-2012-120079 (Anderson, 120079)	PP	
Trefusis, 150282 500013-2015-150282	Georgina and Hamish Wallace Ross TAS P: (03) 6381 5320, M: 0438 98 6257, E: gawallace@trefusis.com.au	504166-2012-122792 (Roseville Park, 122792)	HH	Link
Trigger Vale Poll, 140477 609251-2014-140477	Andrew and Mandi Bouffler Lockhart NSW P: (02) 6920 7656, M: 0427 20 7656, E: info@triggervalesheepstuds.com.au	609251-2011-110511 (Trigger Vale Poll, 110511)	PP	Link
West Plains Poll, 110004 601236-2011-110004	Drew Chapman Delegate NSW P: (02) 6458 8129, M: 0428 82 3533, E: laura.chapman1@bigpond.com	501341-2009-090089 (Hinesville, 090089)	PH	Link
Yalgoo, 150313 501552-2015-150313	Jock Nivison Walcha NSW P: (02) 6777 2088, M: 0497 76 2977, E: jock@yalgoogenetics.com.au	501552-2012-120043 (Yalgoo, 120043)	HH	

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).
- 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.

Link Sires are those evaluated to provide links between years and sites so that the all site results can be combined into a single report.

2017 Drop

Raw Data

Birth and Rear Type Counts - F1 Ewes

Breeders flock, Sire number	Birth Type (Scanning)			Rear Type (Weaning)		
	Single	Twin	Triplet	Single	Twin	Triplet
Connemara Poll, 140257	22	26	3	30	18	3
Conrayn, MVB123	17	28	3	27	18	3
Cressbrook, 140055	16	28		22	22	
Egelabra, HEK 1.36	17	29	5	27	21	3
Grindon, 150017	22	22	3	23	24	
Karori, 140188	23	32		29	26	
Miramoonna, 140012	19	21	1	24	16	1
Mirani, 120021	24	33	2	26	33	
Moorundie Poll, NE73	16	14		20	10	
Nerstane, 150073	22	19		26	15	
Petali Poll, 150697	22	23	4	28	19	2
Trefusis, 150282	23	37		29	31	
Trigger Vale Poll, 140477	18	25	1	19	25	
West Plains Poll, 110004 (Mercenary)	19	31		27	23	
Yalgoo, 150313	17	37		25	29	
Total	297	405	22	382	330	12
	41%	56%	3%	52%	46%	2%

This relates to the 2018 Drop F1 ewes own birth and rear type

Raw Data

Counts - F1 Ewes

Marking 29/09/17	Weaning 03/01/18	Yearling Classing 17/07/18	Adult2 Classing 06/06/19	Adult3 Classing 03/06/20	Survival Rate from Marking %
53	51	51	51	49	92%
49	48	48	48	46	94%
44	44	44	44	44	100%
51	51	49	49	49	96%
47	47	47	47	43	91%
55	55	55	55	53	96%
41	41	40	40	39	95%
60	59	59	59	59	98%
30	30	30	29	29	97%
42	41	41	41	41	98%
52	49	49	48	47	90%
60	60	60	58	57	95%
45	44	42	42	41	91%
50	50	50	49	48	96%
54	54	53	53	53	98%
49	48	48	48	47	95%
733	724	718	713	698	

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

This publication contains raw data which has not been adjusted for factors that may improve the accuracy of its interpretation for genetic evaluation purposes such as birth and rear type, age of dam and management group, the number of breeding age ewes that are dry, rearing single or twin lambs nor accounting for differences in the foundation ewe sources. Persons should take particular care using raw data for genetic evaluation.

2017 Drop

Raw Data

Wool - F1 Ewes

Wool growth in Months @ Shearing			
	Yearling	11	
Adult2	11.5	Adult3	11.5

Breeders flock, Sire number	GFW (kg)			CFW (kg)			FD (µm)			FDCV (%)			SL (mm)			SS (Nktex)		
	Y	A2	A3	Y	A2	A3	Y	A2	A3	Y	A2	A3	Y	A2	A3	Y	A2	A3
Connemara Poll, 140257	2.3	4.9	4.4	1.7	3.5	3.2	14.7	15.8	15.6	17.8	17.1	18.2	79.4	93.9	91.1	45.2	33.9	20.9
Conrayn, MVB123	2.3	4.8	4.6	1.8	3.5	3.4	15.5	17.0	17.2	17.7	17.3	17.3	78.7	91.1	88.9	49.0	38.3	24.5
Cressbrook, 140055	2.2	4.7	4.3	1.7	3.5	3.3	13.9	15.1	15.1	17.7	17.2	18.1	79.1	94.4	90.6	45.0	31.5	19.3
Egelabra, HEK 1.36	2.3	4.9	4.8	1.8	3.7	3.7	15.2	17.1	17.4	18.5	17.3	17.6	72.0	89.6	89.0	51.9	41.9	25.8
Grindon, 150017	2.2	4.4	3.8	1.6	2.8	2.6	14.6	15.7	15.3	16.2	16.1	17.1	73.9	85.1	81.6	45.1	34.5	22.6
Karori, 140188	2.3	4.7	4.4	1.8	3.4	3.4	14.7	16.2	16.3	17.7	17.3	18.1	75.2	90.7	87.9	44.8	34.4	23.6
Miramoonna, 140012	2.5	5.1	4.6	1.9	3.7	3.4	15.9	17.5	17.2	17.3	16.3	18.0	89.3	103.8	97.5	45.6	38.6	20.3
Mirani, 120021	2.2	4.7	4.3	1.7	3.4	3.2	15.4	16.8	16.4	17.1	16.5	17.6	77.5	92.3	87.8	50.8	43.0	25.5
Moorundie Poll, NE73	2.7	5.5	5.2	2.1	4.1	4.1	15.2	17.1	17.3	19.0	18.4	19.3	84.3	98.2	97.1	45.6	34.3	19.2
Nerstane, 150073	2.5	5.1	4.8	1.9	3.7	3.6	15.3	16.8	16.8	17.3	16.7	17.8	84.1	97.2	93.3	50.5	36.0	22.0
Petali Poll, 150697	2.6	5.1	4.8	2.0	3.7	3.6	15.6	17.3	17.2	16.9	16.1	16.9	86.9	100.8	96.2	51.6	40.9	25.9
Trefusis, 150282	2.3	4.9	4.8	1.7	3.4	3.4	15.7	17.0	17.1	17.4	16.1	16.1	79.9	94.9	91.1	49.1	41.1	30.0
Trigger Vale Poll, 140477	2.3	4.8	4.5	1.8	3.5	3.4	16.8	18.5	18.2	15.7	15.3	16.6	86.6	100.1	95.6	47.7	36.7	20.6
West Plains Poll, 110004 (Mercenary)	2.2	5.0	4.8	1.8	3.7	3.6	15.1	17.0	17.0	18.9	18.4	19.7	78.3	91.9	91.5	44.7	32.9	17.0
Yalgoo, 150313	2.3	4.9	4.5	1.8	3.6	3.4	14.8	16.1	16.0	16.7	16.9	18.0	75.3	90.3	85.9	47.6	38.4	24.1
Average	2.3	4.9	4.6	1.8	3.5	3.4	15.2	16.7	16.7	17.5	16.9	17.8	80.0	94.3	91.0	47.6	37.1	22.8

M = Marking (14-42 days); W = Weaning (42-120 days); P = Post Weaning (210-300 days); Y = Yearling (300-400 days); H = Hogget (400-540 days); A2 = Adult (1.5-2.5 years); A3 = Adult (2.5-3.5 years).

This raw data is from the F1 ewe progeny only of the sires.

This publication contains raw data which has not been adjusted for factors that may improve the accuracy of its interpretation for genetic evaluation purposes such as birth and rear type, age of dam and management group, the number of breeding age ewes that are dry, rearing single or twin lambs nor accounting for differences in the foundation ewe sources. Persons should take particular care using raw data for genetic evaluation.

2017 Drop

Raw Data

Weight - F1 Ewes

	Weight (kg)			Weight Gain Weaning to Yearling	Weight (kg)		Weight Gain Weaning to Joining	Weight (kg) A3 Pre Joining 24/03/20
	W 03/01/18	P 03/05/18	Y 15/08/18		H 07/12/18	A2 Pre Joining 19/03/19		
Breeders flock, Sire number								
Connemara Poll, 140257	24.2	27.9	25.6	1.4	42.0	43.5	19.3	51.2
Conrayn, MVB123	24.0	28.5	27.2	3.2	44.4	45.2	21.2	55.1
Cressbrook, 140055	24.9	29.5	26.4	1.5	44.9	46.2	21.3	54.3
Egelabra, HEK 1.36	22.4	25.6	24.2	1.8	41.1	42.6	20.2	52.9
Grindon, 150017	24.0	29.1	28.2	4.2	44.8	46.2	22.2	53.6
Karori, 140188	24.6	28.8	26.1	1.5	42.7	43.6	19.0	52.9
Miramoonna, 140012	25.0	30.1	29.7	4.7	46.4	46.8	21.8	54.1
Mirani, 120021	23.3	27.6	25.9	2.6	42.3	44.7	21.4	52.2
Moorundie Poll, NE73	27.4	32.0	29.0	1.6	48.5	49.5	22.1	60.4
Nerstane, 150073	26.3	31.3	30.0	3.7	48.0	48.9	22.6	59.2
Petali Poll, 150697	23.8	29.7	28.0	4.2	45.2	47.6	23.8	55.1
Trefusis, 150282	24.2	28.8	26.4	2.2	44.0	45.9	21.7	55.7
Trigger Vale Poll, 140477	25.2	31.9	30.0	4.8	47.8	50.0	24.8	59.9
West Plains Poll, 110004 (Mercenary)	23.8	29.1	26.6	2.8	44.6	46.9	23.1	55.6
Yalgoo, 150313	23.2	28.7	26.4	3.2	43.5	44.1	20.9	52.0
Average	24.4	29.2	27.3	2.9	44.7	46.1	21.7	54.9

M = Marking (14-42 days); W = Weaning (42-120 days); P = Post Weaning (210-300 days); Y = Yearling (300-400 days); H = Hogget (400-540 days); A2 = Adult (1.5-2.5 years); A3 = Adult (2.5-3.5 years).

This raw data is from the F1 ewe progeny only of the sires.

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2017 Drop

Raw Data

Carcase and Condition Score - F1 Ewes

Breeders flock, Sire number	EMD (mm)			FAT (mm)			Condition Score		
	H 07/12/18	A2 19/03/19	A3 24/03/20	H 07/12/18	A2 19/03/19	A3 24/03/20	H 22/01/19	A2 19/03/19	A3 24/03/20
Connemara Poll, 140257	24.7	22.8	25.0	2.1	1.8	1.9	3.7	3.2	3.5
Conrayn, MVB123	24.2	22.2	25.6	2.1	1.7	1.9	3.7	3.1	3.6
Cressbrook, 140055	24.8	22.8	25.4	2.0	1.7	1.5	3.7	3.0	3.5
Egelabra, HEK 1.36	22.9	21.3	24.5	1.8	1.4	1.6	3.5	3.0	3.5
Grindon, 150017	25.6	23.3	25.7	2.3	1.7	1.8	3.7	3.1	3.5
Karori, 140188	23.8	21.8	24.7	2.1	1.7	1.7	3.6	3.1	3.5
Miramoonna, 140012	26.1	23.8	25.7	2.3	1.8	1.8	3.8	3.2	3.5
Mirani, 120021	24.1	22.2	24.9	2.1	1.6	1.6	3.7	3.1	3.4
Moorundie Poll, NE73	26.1	24.5	27.2	2.0	1.7	1.9	3.7	3.1	3.7
Nerstane, 150073	25.1	23.0	26.0	2.0	1.6	1.7	3.7	3.1	3.6
Petali Poll, 150697	25.7	23.7	26.6	2.1	1.8	1.8	3.8	3.2	3.6
Trefusis, 150282	25.0	22.7	26.4	1.9	1.5	1.6	3.7	3.1	3.6
Trigger Vale Poll, 140477	27.4	25.2	27.7	2.6	2.1	2.3	4.0	3.3	3.8
West Plains Poll, 110004 (Mercenary)	25.5	24.1	27.1	2.0	1.7	1.7	3.7	3.1	3.6
Yalgoo, 150313	24.5	22.5	25.0	2.2	1.6	1.8	3.6	3.1	3.5
Average	25.0	23.1	25.8	2.1	1.7	1.8	3.7	3.1	3.6

M = Marking (14-42 days); W = Weaning (42-120 days); P = Post Weaning (210-300 days); Y = Yearling (300-400 days); H = Hogget (400-540 days); A2 = Adult (1.5-2.5 years); A3 = Adult (2.5-3.5 years).

This raw data is from the F1 ewe progeny only of the sires.

This publication contains raw data which has not been adjusted for factors that may improve the accuracy of its interpretation for genetic evaluation purposes such as birth and rear type, age of dam and management group, the number of breeding age ewes that are dry, rearing single or twin lambs nor accounting for differences in the foundation ewe sources. Persons should take particular care using raw data for genetic evaluation.

2017 Drop

Raw Data

Visual Scores - Breech and Conformation - F1 Ewes

Breeders flock, Sire number	Breech												Conformation													
	BWR				BCOV				DAG			URINE			BDWR			BACK			LEGS			FACE		
	M	P	A2	A3	M	P	A2	A3	P	A2	A3	P	A2	A3	Y	A2	A3	Y	A2	A3	Y	A2	A3	Y	A2	A3
Connemara Poll, 140257	2.2	2.6	2.9	2.9	4.4	4.2	4.4	4.2	1.3	1.4	1.7	1.8	1.1	1.8	2.5	2.5	2.8	1.6	1.2	1.1	2.1	1.0	1.3	2.7	2.8	2.9
Conrayn, MVB123	2.6	2.9	3.0	3.2	4.6	4.3	4.5	4.3	1.4	1.4	1.8	1.8	1.1	2.1	2.9	2.9	3.1	1.7	1.5	1.4	2.0	1.2	1.5	2.8	3.1	2.9
Cressbrook, 140055	2.5	2.5	2.9	3.0	4.6	4.5	4.3	4.1	1.1	1.3	1.3	1.4	1.0	1.5	2.5	2.7	3.0	1.8	1.3	1.2	2.1	1.0	1.4	2.4	2.6	2.8
Egelabra, HEK 1.36	3.2	3.0	3.2	3.4	4.5	4.6	4.5	4.2	1.8	1.9	1.6	1.9	1.1	1.8	3.0	3.2	3.5	1.8	1.6	1.5	1.5	1.1	1.4	3.2	3.2	3.0
Grindon, 150017	3.2	3.1	2.8	3.0	4.6	4.2	4.3	4.1	1.6	1.6	1.4	1.7	1.1	1.6	2.8	2.6	2.8	1.5	1.1	1.1	2.1	1.1	1.4	2.8	2.8	2.9
Karori, 140188	2.9	2.9	2.9	3.0	4.3	4.2	4.3	4.1	1.4	1.5	1.6	1.8	1.1	1.9	2.8	2.8	3.1	1.8	1.3	1.1	1.7	1.1	1.1	2.9	2.9	2.9
Miramoon, 140012	2.0	2.4	2.7	2.9	4.3	4.0	4.2	4.2	1.6	1.5	1.7	1.4	1.0	1.7	2.6	2.5	2.9	1.4	1.3	1.2	1.6	1.1	1.2	2.8	3.0	2.9
Mirani, 120021	2.5	3.0	3.1	3.4	4.4	4.4	4.3	4.2	1.6	1.8	1.8	1.5	1.1	1.6	2.9	2.9	3.2	1.5	1.3	1.2	2.0	1.2	1.4	2.7	2.9	2.9
Moorundie Poll, NE73	2.3	2.5	2.9	3.0	4.1	3.7	4.1	4.0	1.4	1.2	1.4	1.6	1.1	1.7	2.8	2.7	3.1	1.6	1.5	1.2	1.4	1.0	1.2	2.9	2.9	2.9
Nerstane, 150073	2.5	2.6	3.0	3.0	4.7	4.5	4.2	4.1	1.5	1.6	1.9	1.4	1.0	1.6	2.7	2.9	3.0	1.4	1.4	1.3	1.8	1.2	1.2	2.7	2.9	2.9
Petali Poll, 150697	2.7	2.8	2.9	3.0	4.6	4.4	4.4	4.3	1.3	1.4	1.5	2.0	1.1	1.9	2.8	2.6	2.9	1.6	1.2	1.1	1.5	1.1	1.3	2.6	2.7	2.7
Trefusis, 150282	2.4	2.8	2.9	3.2	4.6	4.4	4.2	4.2	1.3	1.4	1.5	1.4	1.0	1.5	2.7	2.9	3.2	1.6	1.2	1.2	1.9	1.1	1.3	2.7	2.8	2.9
Trigger Vale Poll, 140477	1.3	2.0	2.5	2.3	4.2	4.1	4.1	4.0	1.3	1.5	1.9	1.1	1.1	1.8	2.3	2.2	2.4	1.2	1.1	1.0	1.5	1.1	1.1	2.8	2.8	2.8
West Plains Poll, 110004 (Mercenary)	2.7	2.6	2.7	2.9	4.7	4.5	4.3	4.2	1.2	1.4	1.5	1.6	1.1	1.8	2.5	2.5	2.8	2.0	1.2	1.2	2.0	1.3	1.4	3.1	3.2	3.1
Yalgoo, 150313	2.5	2.7	3.0	3.1	4.7	4.5	4.4	4.2	1.3	1.1	1.6	1.7	1.2	1.7	2.8	2.7	3.2	1.4	1.3	1.1	1.8	1.0	1.2	2.9	3.0	3.0
Average	2.5	2.7	2.9	3.0	4.5	4.3	4.3	4.2	1.4	1.5	1.6	1.6	1.1	1.7	2.7	2.7	3.0	1.6	1.3	1.2	1.8	1.1	1.3	2.8	2.9	2.9

M = Marking (14-42 days); W = Weaning (42-120 days); P = Post Weaning (210-300 days); Y = Yearling (300-400 days); H = Hogget (400-540 days); A2 = Adult (1.5-2.5 years); A3 = Adult (2.5-3.5 years).

This raw data is from the F1 ewe progeny only of the sires.

This publication contains raw data which has not been adjusted for factors that may improve the accuracy of its interpretation for genetic evaluation purposes such as birth and rear type, age of dam and management group, the number of breeding age ewes that are dry, rearing single or twin lambs nor accounting for differences in the foundation ewe sources. Persons should take particular care using raw data for genetic evaluation.

2017 Drop

Raw Data

Visual Scores - Wool Quality - F1 Ewes

Breeders flock, Sire number	Wool Quality												Pigmentn.			
	COL			FLROT			SSTRC			WEATH			CHAR			BLACK (%)
	Y	A2	A3	Y	A2	A3	Y	A2	A3	Y	A2	A3	Y	A2	A3	M
Connemara Poll, 140257	2.9	3.3	3.1	2.1	1.1	1.0	2.7	2.6	2.8	2.7	2.9	2.7	2.2	2.4	2.4	0
Conrayn, MVB123	2.5	2.5	2.5	1.6	1.1	1.0	3.0	3.0	3.2	2.5	2.5	2.4	2.0	2.9	2.8	0
Cressbrook, 140055	2.5	2.7	2.8	1.8	1.1	1.0	2.7	2.6	2.4	2.7	2.7	2.7	2.0	2.5	2.1	0
Egelabra, HEK 1.36	3.0	2.5	2.5	2.1	1.1	1.0	2.7	3.0	3.3	2.5	2.2	2.2	2.2	3.0	2.8	0
Grindon, 150017	2.9	2.7	2.7	2.4	1.1	1.0	2.6	2.4	2.3	2.8	2.5	2.7	2.1	2.5	2.2	0
Karori, 140188	2.4	2.5	2.2	1.7	1.1	1.0	2.8	2.7	2.9	2.6	2.7	2.3	1.9	2.6	2.3	2
Miramoonaa, 140012	2.5	2.7	2.4	1.7	1.0	1.0	3.4	3.1	3.2	2.9	3.0	2.9	2.2	2.7	2.3	0
Mirani, 120021	2.7	2.7	2.4	2.2	1.1	1.0	2.8	2.9	2.9	2.8	2.6	2.4	2.4	2.9	2.5	0
Moorundie Poll, NE73	3.0	3.1	3.0	2.2	1.4	1.0	3.2	3.2	3.3	2.7	2.9	2.8	2.4	2.8	2.2	0
Nerstane, 150073	2.8	2.8	2.8	2.2	1.1	1.0	3.2	3.1	3.1	2.6	2.8	2.9	2.2	2.7	2.4	0
Petali Poll, 150697	2.7	3.0	2.8	1.9	1.1	1.0	3.1	3.0	3.1	2.7	2.8	2.7	2.2	2.7	2.4	0
Trefusis, 150282	2.6	2.3	2.2	1.9	1.0	1.0	2.8	2.8	2.9	2.5	2.7	2.9	2.2	2.5	2.3	0
Trigger Vale Poll, 140477	2.9	3.2	3.2	2.1	1.1	1.0	3.0	3.3	3.3	3.2	2.9	2.6	2.5	3.1	2.6	0
West Plains Poll, 110004 (Mercenary)	2.5	3.2	3.3	2.1	1.1	1.0	2.8	2.9	3.2	2.8	2.7	2.6	2.1	2.5	2.2	0
Yalgoo, 150313	2.6	2.6	2.7	2.0	1.1	1.0	2.7	2.9	3.1	2.6	2.7	2.4	2.2	2.6	2.5	0
Average	2.7	2.8	2.7	2.0	1.1	1.0	2.9	2.9	3.0	2.7	2.7	2.6	2.2	2.7	2.4	-

M = Marking (14-42 days); W = Weaning (42-120 days); P = Post Weaning (210-300 days); Y = Yearling (300-400 days); H = Hogget (400-540 days); A2 = Adult (1.5-2.5 years); A3 = Adult (2.5-3.5 years).
BLACK = Recessive black caused by the Agouti gene, the presence of pigmented wool anywhere presenting as relatively symmetrical markings. Scored separately to random spot or fibre pigmentation.

Further visual pigmentation scores are available for download and reported on page 23 of the
[New England 2017 Drop Yearling and Adult Assessment Sire Evaluation Site Report.](#)

This raw data is from the F1 ewe progeny only of the sires.

This publication contains raw data which has not been adjusted for factors that may improve the accuracy of its interpretation for genetic evaluation purposes such as birth and rear type, age of dam and management group, the number of breeding age ewes that are dry, rearing single or twin lambs nor accounting for differences in the foundation ewe sources. Persons should take particular care using raw data for genetic evaluation.

2017 Drop

Raw Data

Professional Classer Grade - F1 Ewes

Classer: Andrew Calvert (Y & A2), Angus Carter (A3)

Results are ewe numbers as classed into each grade.

Breeders flock, Sire number	Yearling 12/07/18					Adult2 11/06/19					Adult3 03/06/20				
	Top	First	Flock	Sale	Cull	Top	First	Flock	Sale	Cull	Top	First	Flock	Sale	Cull
Connemara Poll, 140257		1	27	17	6		2	29	14	6		1	35	8	5
Conrayn, MVB123		3	34	9	2		5	29	12	2		4	37	5	
Cressbrook, 140055		2	26	9	7		3	29	9	3		7	25	10	2
Egelabra, HEK 1.36	2	2	25	11	9	3	12	20	9	5	1	9	28	9	2
Grindon, 150017	1		28	14	4		1	20	15	11			9	26	8
Karori, 140188	1	2	35	10	7		2	35	13	4		8	33	7	5
Miramoonaa, 140012	1	9	23	7			3	20	14	3		8	27	3	1
Mirani, 120021		4	27	23	5	1	7	36	10	5		6	40	11	2
Moorundie Poll, NE73	1	1	20	8		1	8	13	5	2	2	2	23		2
Nerstane, 150073	1	6	30	4			5	27	8	1	3	5	33		
Petali Poll, 150697		3	33	12	1		2	28	14	4		4	42	1	
Trefusis, 150282		2	42	11	5	1	7	39	7	3	1	13	40	3	
Trigger Vale Poll, 140477			24	16	2		1	19	21	1		3	33	3	2
West Plains Poll, 110004 (Mercenary)		2	29	12	7	1	7	27	10	4		4	36	4	4
Yalgoo, 150313		2	37	12	2	1	5	38	8	1		2	31	17	3
Total	7	39	440	175	57	8	70	409	169	55	7	76	472	107	36
	1%	5%	61%	25%	8%	1%	10%	57%	24%	8%	1%	11%	68%	15%	5%

Please note: Two different classing approaches carried out separately by two different classers are reported in this booklet. The Professional Classing results reported in the above table are raw unadjusted data based on a five way class. The Classers Grade on page 27 is presented as Adjusted Sire Means which are adjusted for birth and rear type, age of dam, age of measurement and management group, however have not been made for F1 ewe pregnancy and lactation status. More information about these differing approaches can be found on page 3.

This publication contains raw data which has not been adjusted for factors that may improve the accuracy of its interpretation for genetic evaluation purposes such as birth and rear type, age of dam and management group, the number of breeding age ewes that are dry, rearing single or twin lambs nor accounting for differences in the foundation ewe sources. Persons should take particular care using raw data for genetic evaluation.

2017 Drop

Raw Data

Reproduction in 2019 - Adult2 Stage (Maiden)

16 rams were used in a syndicate and naturally joined to the F1 ewes on April 1, 2019 and were removed on May 6, 2019.

Breeders flock, Sire number	Ewes Joined	Pregnancy Scanning Count 25/06/19					F2 Progeny Weaning - Lamb Numbers 03/12/19						
		Empty	Ewe Numbers Single	Twin	Triplets	Number Foetuses	Foetus Rate ¹	Single	Twin	Number Lambs	Survival ²	Weaning Rate ³	Kg lambs weaned/No. ewes joined ⁴
Connemara Poll, 140257	51	5	44	2		48	94%	37	2	39	81%	76%	13.6
Conrayn, MVB123	48	5	40	3		46	96%	31	2	33	72%	69%	12.8
Cressbrook, 140055	44	3	36	5		46	105%	38	2	40	87%	91%	15.6
Egelabra, HEK 1.36	49	7	42			42	86%	37		37	88%	76%	12.5
Grindon, 150017	47	5	38	4		46	98%	34	2	36	78%	77%	15.0
Karori, 140188	55	7	48			48	87%	42		42	88%	76%	13.7
Miramoonna, 140012	40	4	27	9		45	113%	29	7	36	80%	90%	16.6
Mirani, 120021	59	1	49	9		67	114%	50	8	58	87%	98%	16.5
Moorundie Poll, NE73	29	4	19	6		31	107%	20	4	24	77%	83%	14.3
Nerstane, 150073	41	5	31	5		41	100%	32	6	38	93%	93%	18.1
Petali Poll, 150697	48	2	34	12		58	121%	29	16	45	78%	94%	16.4
Trefusis, 150282	57	5	36	15	1	69	121%	34	12	46	67%	81%	12.8
Trigger Vale Poll, 140477	42	8	31	3		37	88%	29	4	33	89%	79%	15.6
West Plains Poll, 110004 (Mercenary)	49	3	42	4		50	102%	39	6	45	90%	92%	17.3
Yalgoo, 150313	53	4	40	9		58	109%	37	14	51	88%	96%	16.0
Total	712	68 10%	557 78%	86 12%	1 0%	732	103%	518 86%	85 14%	603	82%	85%	15.1

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

⁴Kg lambs weaned/No. ewes joined is calculated by dividing the total weaning weight for all F2 progeny by the number of ewes joined, the drop average is a weighted average

Raw sire means for low heritability reproduction traits are inflated measures of genetic merit. Research Breeding Values which account for both low heritability and variable F1 ewe progeny numbers between sires, should be used for the purpose of prediction of future performance.

This publication contains raw data which has not been adjusted for factors that may improve the accuracy of its interpretation for genetic evaluation purposes such as birth and rear type, age of dam and management group, the number of breeding age ewes that are dry, rearing single or twin lambs nor accounting for differences in the foundation ewe sources. Persons should take particular care using raw data for genetic evaluation.

2017 Drop

Adjusted Sire Means Wool

Wool growth in Months @ Shearing			
	Yearling	11	
Adult2	11.5	Adult3	11.5

Breeders flock, Sire number	GFW (kg)			CFW (kg)			FD (µm)			FDCV (%)			SL (mm)			SS (Nktex)		
	Y	A2	A3	Y	A2	A3	Y	A2	A3	Y	A2	A3	Y	A2	A3	Y	A2	A3
Connemara Poll, 140257	2.3	4.8	4.4	1.7	3.4	3.2	14.6	15.7	15.6	17.9	17.2	18.2	79.2	93.4	90.9	45.5	33.5	20.6
Conrayn, MVB123	2.3	4.8	4.6	1.8	3.5	3.4	15.5	17.0	17.1	17.8	17.4	17.3	78.8	90.8	88.8	49.0	37.8	24.5
Cressbrook, 140055	2.3	4.8	4.4	1.7	3.5	3.3	13.9	15.1	15.1	17.7	17.2	18.0	79.4	94.7	90.7	44.9	31.7	19.5
Egelabra, HEK 1.36	2.4	4.9	4.9	1.8	3.7	3.8	15.2	17.1	17.3	18.4	17.3	17.5	71.9	89.3	89.0	52.0	41.7	25.7
Grindon, 150017	2.2	4.4	3.8	1.6	2.8	2.6	14.6	15.7	15.3	16.1	16.1	17.1	73.8	85.1	81.4	45.3	34.6	22.2
Karori, 140188	2.3	4.7	4.4	1.8	3.4	3.3	14.7	16.2	16.4	17.6	17.2	18.0	75.6	91.0	87.9	45.3	35.0	23.6
Miramoonna, 140012	2.5	5.1	4.5	1.9	3.6	3.4	16.0	17.5	17.2	17.3	16.3	18.0	89.3	103.8	97.5	45.3	38.4	20.3
Mirani, 120021	2.2	4.8	4.3	1.7	3.4	3.2	15.4	16.8	16.4	17.1	16.5	17.6	77.5	92.5	87.9	50.7	43.1	25.5
Moorundie Poll, NE73	2.6	5.5	5.2	2.1	4.0	4.0	15.2	17.2	17.3	19.0	18.4	19.4	84.5	98.4	97.0	45.1	34.4	19.1
Nerstane, 150073	2.4	5.1	4.7	1.9	3.7	3.5	15.3	16.9	16.9	17.3	16.7	17.9	83.7	97.1	93.2	49.9	36.0	22.1
Petali Poll, 150697	2.5	5.1	4.8	1.9	3.6	3.6	15.6	17.3	17.2	16.9	16.2	17.0	86.6	100.6	96.1	51.3	40.5	25.8
Trefusis, 150282	2.3	4.9	4.8	1.7	3.4	3.4	15.7	17.0	17.1	17.4	16.1	16.0	80.0	95.1	91.2	49.0	41.3	30.2
Trigger Vale Poll, 140477	2.3	4.8	4.5	1.8	3.5	3.4	16.8	18.6	18.2	15.7	15.3	16.6	86.5	100.2	95.7	47.7	36.8	20.6
West Plains Poll, 110004 (Mercenary)	2.3	5.1	4.9	1.8	3.7	3.7	15.1	17.0	17.0	19.0	18.4	19.7	78.6	92.1	91.8	44.8	33.0	17.2
Yalgoo, 150313	2.4	4.9	4.5	1.8	3.6	3.5	14.8	16.1	16.0	16.7	16.8	17.9	75.4	90.4	86.1	47.9	38.6	24.4
Average	2.3	4.9	4.6	1.8	3.5	3.4	15.2	16.7	16.7	17.5	16.9	17.8	80.0	94.3	91.0	47.6	37.1	22.8

M = Marking (14-42 days); W = Weaning (42-120 days); P = Post Weaning (210-300 days); Y = Yearling (300-400 days); H = Hogget (400-540 days); A2 = Adult (1.5-2.5 years); A3 = Adult (2.5-3.5 years).

These Adjusted Sire Means were calculated using available data from only the F1 ewe progeny of the sires.

Adjustments account for factors that may improve accuracy of using the results such as birth and rear type, management groups (which includes accounting for differences in the foundation ewe sources) and dam age. Traits that are measured following each reproduction cycle are adjusted for the number of F1 breeding age ewes that are dry, lambled and lost, rearing single or multiple lambs.

2017 Drop

Adjusted Sire Means Weight and Carcase

Breeders flock, Sire number	WT (kg)						EMD (mm)			FAT (mm)			Condition Score		
	W	P	Y	H	A2	A3	H	A2	A3	H	A2	A3	H	A2	A3
Connemara Poll, 140257	24.2	27.8	25.4	41.8	43.3	51.1	24.6	22.7	25.0	2.1	1.8	1.9	3.6	3.2	3.5
Conrayn, MVB123	24.1	28.6	27.2	44.4	45.3	55.2	24.2	22.2	25.6	2.1	1.7	2.0	3.7	3.1	3.6
Cressbrook, 140055	25.2	29.8	26.7	45.1	46.4	54.5	24.9	22.8	25.5	2.0	1.7	1.5	3.7	3.0	3.5
Egelabra, HEK 1.36	22.9	25.9	24.4	41.3	42.8	53.2	22.9	21.3	24.5	1.8	1.5	1.6	3.5	3.0	3.5
Grindon, 150017	24.0	29.2	28.2	44.9	46.3	53.6	25.7	23.3	25.7	2.3	1.7	1.7	3.7	3.1	3.5
Karori, 140188	24.8	28.9	26.1	42.7	43.6	52.8	23.9	21.9	24.7	2.1	1.7	1.7	3.6	3.1	3.5
Miramoon, 140012	24.6	29.9	29.6	46.3	46.8	54.0	26.1	23.8	25.7	2.3	1.8	1.8	3.8	3.2	3.5
Mirani, 120021	23.5	27.8	26.0	42.5	44.8	52.3	24.2	22.2	24.9	2.1	1.6	1.6	3.7	3.1	3.4
Moorundie Poll, NE73	26.6	31.4	28.8	48.2	49.3	60.1	26.1	24.5	27.3	2.0	1.7	2.0	3.7	3.1	3.7
Nerstane, 150073	25.1	30.4	29.4	47.4	48.3	58.7	24.9	22.8	26.0	2.0	1.6	1.7	3.7	3.1	3.6
Petali Poll, 150697	23.3	29.4	27.8	45.1	47.5	55.1	25.6	23.7	26.5	2.1	1.8	1.8	3.8	3.2	3.6
Trefusis, 150282	24.3	29.0	26.5	44.1	45.9	55.7	25.0	22.7	26.4	1.9	1.5	1.6	3.7	3.1	3.6
Trigger Vale Poll, 140477	25.2	31.9	30.1	47.9	50.0	59.8	27.5	25.3	27.6	2.6	2.1	2.3	4.0	3.3	3.8
West Plains Poll, 110004 (Mercenary)	24.1	29.2	26.6	44.6	46.8	55.7	25.4	24.0	27.1	2.0	1.6	1.7	3.6	3.1	3.6
Yalgoo, 150313	23.8	29.1	26.6	43.8	44.3	52.2	24.5	22.6	25.0	2.2	1.6	1.8	3.6	3.1	3.6
Average	24.4	29.2	27.3	44.7	46.1	54.9	25.0	23.1	25.8	2.1	1.7	1.8	3.7	3.1	3.6

M = Marking (14-42 days); W = Weaning (42-120 days); P = Post Weaning (210-300 days); Y = Yearling (300-400 days); H = Hogget (400-540 days); A2 = Adult (1.5-2.5 years); A3 = Adult (2.5-3.5 years).

These Adjusted Sire Means were calculated using available data from only the F1 ewe progeny of the sires.

Adjustments account for factors that may improve accuracy of using the results such as birth and rear type, management groups (which includes accounting for differences in the foundation ewe sources) and dam age. Traits that are measured following each reproduction cycle are adjusted for the number of F1 breeding age ewes that are dry, lambled and lost, rearing single or multiple lambs.

2017 Drop

Adjusted Sire Means

Classer's Visual Grade – F1 Ewes

Classer: Angus Carter

Breeders flock, Sire number	Progeny No [^]	TOPS (%)			CULLS (%)		
		Y	A2	A3	Y	A2	A3
Connemara Poll, 140257	49	-11	-7	-6	11	4	12
Conrayn, MVB123	46	5	-3	2	-12	1	-11
Cressbrook, 140055	44	2	0	12	1	6	-1
Egelabra, HEK 1.36	49	-7	3	8	18	0	-4
Grindon, 150017	43	-14	-20	-22	13	33	62
Karori, 140188	53	5	-9	0	11	0	1
Miramoonna, 140012	39	25	16	5	-20	-8	-6
Mirani, 120021	59	-9	-12	-4	2	1	2
Moorundie Poll, NE73	29	10	24	7	-1	-6	-9
Nerstane, 150073	41	2	10	2	-11	-8	-15
Petali Poll, 150697	47	4	-3	-4	-14	-14	-17
Trefusis, 150282	57	0	18	23	2	-7	-13
Trigger Vale Poll, 140477	41	-13	-15	-14	-1	5	-9
West Plains Poll, 110004 (Mercenary)	48	0	-4	2	1	-5	-3
Yalgoo, 150313	53	-1	2	-10	-1	-3	11
Average	47	17	19	21	23	22	16

M = Marking (14-42 days); W = Weaning (42-120 days); P = Post Weaning (210-300 days); Y = Yearling (300-400 days); H = Hogget (400-540 days); A2 = Adult (1.5-2.5 years); A3 = Adult (2.5-3.5 years).

[^] Progeny No is the total ewe progeny number for each sire at their most recent classing event.

These Classer's Visual Grades were calculated using only the F1 ewe progeny of the sires.

Please note: Two different classing approaches carried out separately by two different classers are reported in this booklet. The Classers Visual Grade results are presented in the table above as Adjusted Sire Means which are adjusted for birth and rear type, age of dam, age of measurement and management group, however have not been made for F1 ewe pregnancy and lactation status. The Professional Classing results reported on page 23 are raw unadjusted data based on a five way class. More information about these differing approaches can be found on page 3.

Adjustments account for factors that may improve accuracy of using the results such as birth and rear type, management groups (which includes accounting for differences in the foundation ewe sources) and dam age. Traits that are measured following each reproduction cycle are adjusted for the number of F1 breeding age ewes that are dry, lambled and lost, rearing single or multiple lambs.

2017 Drop

Within-Site and Within-Drop Flock Breeding Values

Wool

Breeders flock, Sire number	Progeny No [^]	YGFW (kg)	AGFW (kg)	YCFW (kg)	ACFW (kg)	YFD (μm)	AFD (μm)	YFDCV (%)	AFDCV (%)	YSL (mm)	ASL (mm)	YSS (Nktex)	ASS (Nktex)
Connemara Poll, 140257	91	-6	-4	-9	-6	-1.1	-1.8	0.9	1.0	0.3	0.7	-3.2	-5.2
Conrayn, MVB123	87	2	0	2	-1	0.6	0.7	0.4	0.2	-4.7	-5.7	3.1	1.2
Cressbrook, 140055	98	-7	-8	-5	-5	-2.9	-3.4	-0.1	0.4	1.2	2.2	-2.2	-7.7
Egelabra, HEK 1.36	89	-4	3	-6	10	0.0	0.9	1.4	0.2	-15.2	-10.2	4.5	7.0
Grindon, 150017	90	-17	-29	-29	-52	-1.4	-2.6	-1.9	-1.3	-13.9	-18.7	-6.4	-4.8
Karori, 140188	95	-7	-8	-5	-8	-1.1	-1.0	0.4	0.2	-10.6	-8.7	-3.8	-3.9
Miramoonna, 140012	73	19	5	19	6	1.8	1.6	-0.7	-0.2	22.4	18.7	-1.9	2.6
Mirani, 120021	89	-9	-6	-7	-6	0.3	-0.1	-0.4	-0.4	-5.7	-4.4	6.4	8.3
Moorundie Poll, NE73	67	15	19	20	26	-0.2	0.5	2.9	2.7	5.0	5.6	-5.0	-6.1
Nerstane, 150073	85	8	7	12	10	0.3	0.5	-0.8	-0.6	9.1	7.0	2.3	0.1
Petali Poll, 150697	91	15	10	16	10	0.7	1.3	-0.8	-1.2	10.6	10.8	6.1	5.6
Trefusis, 150282	103	-1	7	-9	0	0.8	0.6	-0.5	-1.6	-0.4	2.1	3.5	7.9
Trigger Vale Poll, 140477	79	-6	-4	-4	-2	3.3	3.4	-2.8	-2.7	12.3	11.5	-2.3	1.8
West Plains Poll, 110004 (Mercenary)	89	-5	7	0	12	0.0	0.6	2.6	2.8	-2.1	-3.0	-3.3	-6.9
Yalgoo, 150313	101	2	0	4	6	-1.0	-1.4	-0.6	0.3	-8.3	-7.6	2.2	0.1

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, combining data from all age stages).

[^] Progeny No is the total progeny number for each sire at weaning, including ewes and wethers.

**These Flock Breeding Values were calculated using both the F1 ewe and F1 wether progeny of the sires.
Please see page 3 for a full description of trait names and an explanation of Flock Breeding Values.**

2017 Drop

Within-Site and Within-Drop Flock Breeding Values

Weight, Carcase and WEC

Breeders flock, Sire number	Progeny No [^]	WWT (kg)	PWT (kg)	YWT (kg)	HWT (kg)	AWT (kg)	HEMD (mm)	HFAT (mm)	PWEC (%)	HWEC (%)
Connemara Poll, 140257	91	-0.9	-2.9	-8.5	-8.5	-5.7	0.3	1.1	-65	-48
Conrayn, MVB123	87	0.3	0.2	0.3	0.8	-0.5	-1.9	-0.4	140	134
Cressbrook, 140055	98	0.2	0.3	-2.6	-0.9	-1.6	-0.4	-1.1	100	124
Egelabra, HEK 1.36	89	-3.4	-6.9	-7.1	-7.2	-3.8	-2.6	-1.7	41	-3
Grindon, 150017	90	-0.2	0.6	2.4	1.2	-0.8	1.6	0.8	-32	-53
Karori, 140188	95	0.3	-1.1	-4.4	-3.7	-3.4	-0.8	0.5	-57	-49
Miramoonna, 140012	73	0.8	2.8	9.2	6.0	2.5	1.2	1.6	-25	-55
Mirani, 120021	89	-1.6	-3.0	-3.3	-2.7	-1.7	-0.7	0.2	-13	0
Moorundie Poll, NE73	67	3.0	4.4	3.7	3.4	2.8	0.5	-1.0	67	116
Nerstane, 150073	85	1.1	1.9	5.2	5.6	4.5	-1.9	-1.6	11	24
Petali Poll, 150697	91	-0.9	0.5	3.1	2.5	2.2	1.4	0.0	-29	-65
Trefusis, 150282	103	0.8	0.4	-1.8	0.0	0.7	-0.4	-1.8	14	38
Trigger Vale Poll, 140477	79	1.5	3.8	6.9	6.0	5.8	3.2	3.2	-9	46
West Plains Poll, 110004 (Mercenary)	89	-0.3	-0.6	-1.7	-0.9	1.1	0.8	-0.3	27	84
Yalgoo, 150313	101	-0.7	-0.4	-1.5	-1.5	-2.1	-0.4	0.4	-34	-68

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, combining data from all age stages).

[^] Progeny No is the total progeny number for each sire at weaning, including ewes and wethers.

**These Flock Breeding Values were calculated using both the F1 ewe and F1 wether progeny of the sires.
Please see page 3 for a full description of trait names and an explanation of Flock Breeding Values.**

2017 Drop

Within-Site and Within-Drop Research Breeding Values Reproduction

Breeders flock, sire number	Ewes Joined ¹	Reproduction			
		Conception A2	Litter Size A2	Ewe Rearing Ability A2	NLW A2
Connemara Poll, 140257	51	-5	-13	-1	-9
Conrayn, MVB123	48	-5	-13	-5	-15
Cressbrook, 140055	44	3	-3	3	6
Egelabra, HEK 1.36	49	-5	-18	3	-6
Grindon, 150017	47	-1	-5	-2	-7
Karori, 140188	55	-5	-19	4	-8
Miramoonna, 140012	40	2	13	0	7
Mirani, 120021	59	11	4	1	13
Moorundie Poll, NE73	29	-2	13	4	-2
Nerstane, 150073	41	-2	-1	3	5
Petali Poll, 150697	48	9	20	-6	10
Trefusis, 150282	57	4	25	-10	-4
Trigger Vale Poll, 140477	42	-10	-7	4	-5
West Plains Poll, 110004 (Mercenary)	49	3	-5	2	5
Yalgoo, 150313	53	3	8	3	11

A2 = 2019 (Maiden)

¹ This reports the number of F1 ewes joined and subsequently scanned at the latest reported stage.

Research Breeding Values

Conception: 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.

NLW: Number of lambs weaned per 100 ewes joined (calculated from reproduction data only, and not using correlated production traits).

These **Research Breeding Values** were calculated for the 2019 (A2 - Maiden) reproduction cycle. The reproduction analysis model is in development and can only use one set of reproduction records. It is hoped that future publications will include all available reproduction data.

These **Research Breeding Values** are still in the development stage and should be used with caution.

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

Within-Site and Within-Drop Indexes

Breeders flock, Sire number	Dual Purpose Plus	Merino Production Plus	Fibre Production Plus	Wool Production Plus
Connemara Poll, 140257	73	75	101	73
Conrayn, MVB123	80	101	83	103
Cressbrook, 140055	102	117	117	104
Egelabra, HEK 1.36	74	91	101	88
Grindon, 150017	73	59	69	48
Karori, 140188	74	87	99	85
Miramoonna, 140012	133	114	95	125
Mirani, 120021	88	96	107	89
Moorundie Poll, NE73	136	128	109	138
Nerstane, 150073	111	126	113	127
Petali Poll, 150697	129	122	115	123
Trefusis, 150282	92	97	101	94
Trigger Vale Poll, 140477	120	72	59	90
West Plains Poll, 110004 (Mercenary)	103	93	91	101
Yalgoo, 150313	109	120	128	113

Please note that reproduction performance is not currently included in the calculation of these indexes.

Further work is required to better estimate the *number of lambs weaned (NLW)* breeding value for MLP Site Reports.

All other available data collected from both the F1 ewe and F1 wether progeny of the sires has been included.

New England Merino Sire Evaluation Association Site Committee

The New England MLP Site is governed by a Site Committee made up of the following breeders, commercial producers, service providers and CSIRO staff:

Duncan Lance	Luke Stephen	Mark Elliott	Katrina Blomfield
Andrew Swan	Jock McLaren	Angus Carter	Peta Bradley
Anthony Uren	Brent McLeod	Steve Ward	Rob Powell
Chris Clonan	Emma Doyle	Tom Henry	Todd Whillock
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Updates

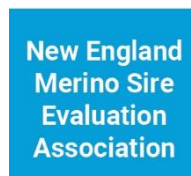
This publication will be updated on a regular basis as further assessments are undertaken. For the latest information visit www.merinosuperiorsires.com.au.

This report is complemented by sire evaluation site reports published at the completion of the yearling and the first adult assessment stages.

For the latest information, or to subscribe to email updates visit
www.merinosuperiorsires.com.au

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Disclaimer

This publication contains raw data which has not been adjusted for factors that may improve the accuracy of its interpretation for genetic evaluation purposes such as birth and rear type, age of dam, age of measurement and management group, the number of breeding age ewes that are dry, rearing single or twin lambs nor accounting for difference in the foundation ewe sources. Persons should take particular care using raw data for genetic evaluation.

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