



Pingelly

MLP 2016 and 2017 Drops

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



October 2022

PLEASE READ THE DISCLAIMERS ON EACH PAGE BEFORE USING RESULTS

- Individual sire results may not be representative of a sire's bloodline -

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

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www.merinosuperiorsires.com.au

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Foundation Ewe Base

The ewe base is described as a large framed, plain bodied, highly fertile animal with a moderate wool cut. Over the past five years there has been a large emphasis on genetic fat, growth and muscling while trying to maintain wool cut and micron. The 'Ridgefield' flock is stocked at 10DSE/ha and averages 5kg of 19µm wool and produces weaning percentages between 100-115%.

Ewes for the project were selected from four age groups from the 'Ridgefield' commercial and Maternal Efficiency Flocks.

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 sheep are to be easy care based on, and because of, good conformation and constitution. Medium to large frame. Bright white stylish wool free from colour and water faults. Wool cut to be sufficient to balance wool production with body size to ensure both add real value to the bottom line.		
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 and management group. 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.		
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:	M = Marking W = Weaning E = Early Post Weaning P = Post Weaning Y = Yearling H = Hogget	- 14 to 42 days - 42 to 120 days - 120 to 210 days - 210 to 300 days - 300 to 400 days - 400 to 540 days	A2 = Adult A3 = Adult A4 = Adult A5 = Adult A6 = Adult - 1.5 to 2.5 years - 2.5 to 3.5 years - 3.5 to 4.5 years - 4.5 to 5.5 years - 5.5 to 6.5 years
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 ewes 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)	GFW: Greasy fleece weight (kg/%) CFW: Clean fleece weight (kg/%) FD: Average fibre diameter (µm) WT: Body weight (kg) FDCV: Fibre diameter coefficient of variation (%) SL: Staple length (mm) at the mid-side SS: Staple strength (NKtex) at the mid-side EMD: Eye muscle depth (mm) at the 'C' site FAT: Fat depth (mm) at the 'C' site WEC: Worm egg count (%)	Foetus Rate: Foetuses scanned divided by ewes joined Survival: Lambs weaned divided by foetuses scanned Weaning Rate: Lambs weaned divided by ewes joined <i>Reproduction Flock Breeding Values:</i> CONC / LS / ERA / WR: See pages 20 and 38 for trait definitions and units.	
Visual Traits as reported: Based on the Visual Sheep Scores.	BRWR: Breech Wrinkle BCOV: Breech Cover DAG: Dag URINE: Urine stain BDWR: Body Wrinkle	LEGS: Feet and Legs FACE: Face Cover BACK: Shoulder/Back COL: Wool Colour SSTRC: Staple Structure	FLROT: Fleece Rot DUST: Dust penetration WEATH: Staple Weathering CHAR: Wool Character <i>Further traits are reported in AMSEA Site Reports available via merinosuperiorsires.com.au.</i>
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 breeding values of additional traits. Sires reported within this document have accurate breeding values for these additional traits and so the plus indexes are reported; 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.

2017 Sire and Contact Details

- Individual sire results may not be representative of a sire's bloodline -

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 ID #	Sire	Contact Details	Sire of Sire	Poll	Link Sire
Anderson Poll, 140474 609147-2014-140474	Lynley Anderson	Kojonup WA M: 0429 32 8055, E: info@andersonrams.com.au	609147-2012-120103 (Anderson Poll, 120103)	PP	
Barloo Poll, 140027 (Eureka) 601370-2014-140027	Richard House	Gnowangerup WA P: (08) 9827 1565, M: 0428 271565, E: barloostud@bigpond.com	Unknown	PH	
Billandri Poll, 151280 600571-2015-151280	Bill Sandilands	Kendenup WA P: (08) 9851 4030, M: 0427 514030, E: billandri@inet.net.au	600571-2012-121423 (Billandri Poll, 121423)	PP	
Coromandel Poll, 130660 600553-2013-130660	Michael Campbell	Boxwood Hill WA P: (08) 9836 6044, M: 0428 366044, E: coromandel6@gmail.com	600455-2010-101268 (Manunda No.2 Poll, 101268)	PP	
Cranmore, 132051 500153-2013-132051	Kristin Lefroy	Moora WA P: (08) 9654 9066, M: 0418 925760, E: kristinleeroy@cranmore.com.au	Unknown	HH	
Edale, 102266K 504358-2010-02266K	Philip Gardiner	Moora WA P: (08) 9651 1700, M: 0408 915916, E: edale@wn.com.au	504358-2007-71STBS (Edale, 71STBS)	HH	
Ingle Poll, 150087 609154-2015-150087	Ashley Hobbs	Brookton WA P: (08) 9642 1379, M: 0429 421379, E: ingle@wn.com.au	609154-2011-110037 (Ingle Poll, 110037)	PH	
Mianelup Poll, M00540 (Expo) 601394-2014-140540	Elliot Richardson	Gnowangerup WA M: 0429 110252, E: richardson_elliot@hotmail.com	600105-2011-111122 (Collinsville Poll, 111122)	PH	
Moojepin, 120652 504637-2012-120652	Chad Taylor	Wellington NSW P: (02) 6845 3620, M: 0458 453608, E: chad@mumblebone.com.au	504637-2010-100248 (Moojepin, 100248)	PH	
Moorundie Poll, NE73 601502-2015-150073	Peter Wallis	Pinnaroo SA P: (08) 8576 6141, M: 0428 766126, E: peter@glenleaparkmerinos.com.au	601502-2011-110020 (Moorundie Poll, 110020)	PP	
Nearra Poll, 110264 609152-2011-110264	Craig Morgan	Three Springs WA P: (08) 9955 2001, M: 0429 377991, E: morgancj1@bordnet.com.au	609152-2007-070571 (Nearra Poll, 070571)	PH	
Rangeview Poll, 5-680 600636-2015-150680	Jeremy King	Darkan WA P: (08) 9736 1086, M: 0429 361520, E: rangeview@bordnet.com.au	600553-2014-140047 (Coromandel Poll, 140047)	PH	
Trigger Vale Poll, 140477 609251-2014-140477	Andrew and Mandi Bouffler	Lockhart NSW P: (02) 6920 7656, M: 0427 207656, E: info@triggervalesheepstuds.com.au	609251-2011-110511 (Trigger Vale Poll, 110511)	PP	Link
West Plains Poll, 110004 (Mercenary) 601236-2011-110004	Drew Chapman	Delegate NSW P: (02) 6458 8129, M: 0428 823533, E: laura.chapman1@bigpond.com	501341-2009-090089 (Hinesville, 090089)	PH	Link
Woodyarrup, 150329 500412-2015-150329	Craig and Lachlan Dewar	Broomehill WA P: (08) 9824 1257, M: 0429 100239, E: craig@woodyarrup.com.au	500412-2012-121191 (Woodyarrup, 121191)	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 – F1 Ewes

Breeders flock, Sire number	Birth Type (Scanning)		Rear Type (Weaning)	
	Single	Twin	Single	Twin
Anderson Poll, 140474	21	19	25	15
Barloo Poll, 140027 (Eureka)	15	28	22	21
Billandri Poll, 151280	13	28	19	22
Coromandel Poll, 130660	10	33	20	23
Cranmore, 132051	10	25	16	19
Edale, 10Z266K	14	37	20	31
Ingle Poll, 150087	10	28	19	19
Mianelup Poll, M00540 (Expo)	11	38	15	34
Moojepin, 120652	15	27	20	22
Moorundie Poll, NE73	10	17	12	15
Nearra Poll, 110264	16	31	23	24
Rangeview Poll, 5-680	9	17	15	11
Trigger Vale Poll, 140477	11	44	19	36
West Plains Poll, 110004 (Mercenary)	13	15	16	12
Woodyarrup, 150329	13	27	21	19
Total	191	414	282	323
	32%	68%	47%	53%

This relates to 2017 Drop F1 ewes own birth and rear type

Raw Data

Counts – F1 Ewes

Marking	Weaning	Post Weaning Classing	Hogget Classing	Adult2 Classing	Adult3 Classing	Adult4 Classing	Survival Rate from Marking
18/07/17	28/09/17	06/03/18	27/11/18	28/11/19	18/11/20	16/11/21	%
41	40	39	39	37	35	34	83%
43	43	41	41	41	41	39	91%
41	41	39	36	34	34	32	78%
43	43	41	41	39	37	36	84%
35	35	33	33	31	30	29	83%
51	51	45	45	41	40	36	71%
38	38	38	38	38	38	38	100%
49	49	45	45	42	40	39	80%
42	42	42	42	42	42	41	98%
28	27	26	26	24	23	23	82%
47	47	45	45	43	42	42	89%
27	26	24	24	24	23	23	85%
55	55	52	51	49	49	47	85%
28	28	26	26	25	25	24	86%
40	40	37	37	35	34	34	85%
41	40	38	38	36	36	34	85%
608	605	573	569	545	533	517	

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			
Post Weaning	9.5	Hogget	7.5
Adult2	12	Adult3	12
Adult4	12		

Breeders flock, Sire number	GFW (kg)					CFW (kg)					FD (µm)					FDCV (%)					SL (mm)					SS (Nktex)				
	P	H	A2	A3	A4	P	H	A2	A3	A4	P	H	A2	A3	A4	P	H	A2	A3	A4	P	H	A2	A3	A4	P	H	A2	A3	A4
Anderson Poll, 140474	3.2	3.7	5.6	5.3	4.8	2.2	2.7	3.8	3.8	3.4	17.0	19.1	18.3	18.8	18.7	19.3	17.1	17.9	17.1	18.7	92.3	80.2	105.9	110.0	102.5	26.0	36.2	21.4	27.4	29.9
Barloo Poll, 140027 (Eureka)	3.2	3.9	5.9	5.7	5.1	2.2	2.8	4.1	4.1	3.7	16.8	19.1	18.6	19.4	19.3	20.6	17.6	18.8	17.6	19.3	89.2	78.9	100.8	106.5	98.2	27.3	37.0	24.2	32.7	32.4
Billandri Poll, 151280	3.3	4.0	5.9	5.7	5.1	2.2	2.8	3.9	4.0	3.6	16.0	18.4	17.6	18.4	18.5	20.0	16.7	17.6	16.3	18.5	88.6	81.9	106.6	109.5	103.3	24.0	37.6	20.6	31.2	32.7
Coromandel Poll, 130660	3.2	3.9	5.7	5.6	5.1	2.1	2.8	3.9	3.9	3.7	16.9	19.0	18.1	18.5	18.4	19.8	16.8	17.6	16.5	18.4	84.2	78.5	100.7	106.8	100.8	26.4	39.6	21.6	29.7	31.7
Cranmore, 132051	3.3	3.9	5.4	5.3	4.8	2.0	2.7	3.5	3.5	3.3	17.0	19.3	18.4	18.8	19.0	19.2	15.8	16.3	15.7	19.0	85.8	76.6	104.2	106.6	101.1	27.8	41.0	24.2	30.6	37.3
Edale, 10Z266K	3.3	4.0	6.0	5.8	5.1	2.1	2.9	4.0	4.2	3.7	16.5	18.8	18.1	18.9	18.8	21.1	17.7	18.0	17.2	18.8	82.3	77.4	101.7	109.1	100.8	23.0	39.0	25.3	30.6	32.6
Ingle Poll, 150087	3.0	3.7	5.4	5.1	4.5	1.9	2.6	3.4	3.6	3.1	16.8	18.9	18.1	18.5	18.2	18.4	15.6	16.4	15.8	18.2	87.0	81.2	104.8	109.6	98.9	32.4	43.9	28.2	35.1	35.0
Mianelup Poll, M00540 (Expo)	3.2	4.0	5.7	5.6	5.1	2.1	2.8	3.8	3.9	3.6	17.3	19.5	18.5	19.2	19.2	20.5	18.0	19.3	18.5	19.2	87.0	77.6	103.6	108.4	101.5	26.7	35.0	23.1	27.2	29.3
Moojepin, 120652	3.0	3.3	5.0	4.8	4.3	2.0	2.4	3.3	3.4	3.0	17.0	18.8	17.9	18.4	18.5	18.9	15.8	17.5	16.8	18.5	98.1	87.0	110.3	116.4	107.7	24.1	34.1	19.4	26.1	29.0
Moorundie Poll, NE73	3.5	4.1	6.0	5.8	5.1	2.3	3.0	4.1	4.3	3.7	16.4	18.9	17.9	18.8	18.3	21.2	18.2	19.3	17.4	18.3	89.6	82.0	104.3	113.9	103.2	23.3	33.4	19.7	25.8	25.0
Nearra Poll, 110264	3.1	3.4	5.0	4.7	4.0	2.0	2.4	3.2	3.2	2.7	16.7	18.7	17.7	18.0	17.8	18.9	16.6	17.5	15.8	17.8	87.0	75.8	100.9	104.9	95.4	25.3	29.4	22.2	27.5	29.4
Rangeview Poll, 5-680	3.4	3.9	5.7	5.8	5.3	2.2	2.8	3.8	4.0	3.7	16.1	18.1	17.5	18.3	18.3	20.0	16.4	17.5	16.6	18.3	84.5	80.0	99.6	107.1	98.9	25.2	37.8	24.6	30.8	31.7
Trigger Vale Poll, 140477	2.9	3.6	5.3	5.2	4.7	1.9	2.6	3.5	3.7	3.4	17.7	19.7	18.6	19.4	19.3	18.4	15.6	16.5	16.2	19.3	89.7	78.7	105.7	108.7	100.9	28.0	37.0	23.4	30.8	30.9
West Plains Poll, 110004 (Mercenary)	3.1	3.8	5.5	5.8	5.2	2.1	2.8	3.8	4.2	3.9	16.6	18.8	17.8	19.1	19.2	20.9	17.5	19.4	18.1	19.2	90.3	80.6	101.2	109.7	103.0	26.6	35.7	18.3	27.4	30.7
Woodyarrup, 150329	3.4	3.9	5.8	5.8	5.1	2.3	2.9	4.1	4.3	3.8	17.0	19.3	18.5	19.0	19.1	18.6	15.6	16.7	15.9	19.1	93.5	83.1	108.5	111.9	103.3	32.3	42.2	27.4	32.4	33.5
Average	3.2	3.8	5.6	5.4	4.8	2.1	2.7	3.7	3.8	3.5	16.8	19.0	18.1	18.8	18.7	19.6	16.7	17.7	16.7	17.1	88.6	79.8	104.0	109.2	101.2	26.6	37.2	23.0	29.8	31.4

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); A4 = Adult (3.5-4.5 years); A5 = Adult (4.5-5.5 years); A6 = Adult (5.5-6.5 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

Weights – F1 Ewes

Breeders Flock, Sire Number	Weaning 28/09/17 (kg)	Post Weaning 30/01/18 (kg)	Yearling 30/04/18 (kg)	Weight Gain Weaning to Yearling (kg)	Adult2 Pre Joining 30/01/19 (kg)	Weight Gain Weaning to Joining (kg)	Adult3 Pre Joining 30/01/20 (kg)	Adult4 Pre Joining 28/01/21 (kg)	Adult5 Pre Joining 24/01/22 (kg)
Anderson Poll, 140474	28.8	33.5	41.8	13.0	55.3	26.5	57.9	62.6	59.9
Barloo Poll, 140027 (Eureka)	28.9	31.7	40.3	11.4	55.2	26.3	57.1	62.2	60.2
Billandri Poll, 151280	27.1	30.6	40.2	13.1	54.0	26.9	56.1	61.7	59.2
Coromandel Poll, 130660	29.0	34.2	43.7	14.7	56.9	27.9	60.5	67.9	63.6
Cranmore, 132051	28.2	32.4	42.7	14.5	55.7	27.5	56.9	63.3	60.6
Edale, 10Z266K	27.8	31.3	40.6	12.8	53.6	25.8	56.2	62.3	60.5
Ingle Poll, 150087	29.0	32.9	42.8	13.8	58.3	29.3	60.4	64.8	63.6
Mianelup Poll, M00540 (Expo)	28.8	33.7	43.9	15.1	60.2	31.4	62.8	68.1	68.7
Moojepin, 120652	28.0	32.7	43.1	15.1	55.6	27.6	58.1	63.0	62.6
Moorundie Poll, NE73	29.2	33.7	42.0	12.8	56.3	27.1	58.8	63.1	63.2
Nearra Poll, 110264	27.8	31.4	42.4	14.6	55.7	27.9	59.7	64.5	63.5
Rangeview Poll, 5-680	29.8	32.1	39.6	9.8	55.0	25.2	57.6	66.0	63.9
Trigger Vale Poll, 140477	28.2	33.9	43.8	15.6	58.9	30.7	60.3	66.5	66.1
West Plains Poll, 110004 (Mercenary)	28.3	31.3	39.8	11.5	55.1	26.8	56.2	64.0	61.8
Woodyarrup, 150329	28.4	32.3	40.7	12.3	54.6	26.2	56.7	63.9	63.5
Average	28.4	32.6	42.0	13.6	56.2	27.8	58.5	64.3	62.9

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); A4 = Adult (3.5-4.5 years); A5 = Adult (4.5-5.5 years); A6 = Adult (5.5-6.5 years).

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

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2017 Drop

Raw Data

Carcase Measurements and Condition Scores – F1 Ewes

Breeders flock, Sire number	EMD (mm)					FAT (mm)					Condition Scores				
	Yearling	Adult2	Adult3	Adult4	Adult5	Yearling	Adult2	Adult3	Adult4	Adult5	Yearling	Adult2	Adult3	Adult4	Adult5
	Pre Joining	Pre Joining	Pre Joining	Pre Joining	Pre Joining	Pre Joining	Pre Joining	Pre Joining	Pre Joining	Pre Joining	Pre Joining	Pre Joining	Pre Joining	Pre Joining	Pre Joining
	30/04/18	30/01/19	30/01/20	28/01/21	24/01/22	30/04/18	30/01/19	30/01/20	28/01/21	24/01/22	30/04/18	30/01/19	30/01/20	28/01/21	24/01/22
Anderson Poll, 140474	23.5	25.6	25.1	26.2	23.5	2.0	2.1	3.3	3.5	2.8	3.2	3.3	2.9	3.0	2.7
Barloo Poll, 140027 (Eureka)	21.3	23.6	23.0	23.8	21.7	1.6	1.8	2.5	2.8	2.3	2.9	3.1	2.6	2.7	2.6
Billandri Poll, 151280	21.6	24.0	22.9	25.0	22.1	1.6	1.8	2.4	2.9	2.4	3.1	3.2	2.6	2.8	2.7
Coromandel Poll, 130660	22.8	24.6	24.1	25.5	22.3	1.9	1.9	2.7	3.4	2.4	3.0	3.1	2.7	2.9	2.6
Cranmore, 132051	22.2	23.8	23.0	24.3	22.2	1.7	1.8	2.3	2.9	2.4	3.0	3.1	2.5	2.6	2.5
Edale, 10Z266K	21.9	23.4	23.0	25.0	23.5	1.7	1.7	2.4	3.5	2.5	3.0	3.0	2.4	2.7	2.6
Ingle Poll, 150087	23.2	25.6	25.3	25.8	24.2	1.9	2.1	3.2	3.9	3.0	3.0	3.4	2.9	3.0	2.8
Mianelup Poll, M00540 (Expo)	22.4	25.1	23.9	25.4	23.9	1.8	1.9	2.6	3.2	2.6	3.0	3.2	2.7	2.8	2.7
Moojepin, 120652	23.3	26.2	26.0	27.1	25.4	2.0	2.2	3.6	3.9	3.3	3.1	3.4	3.1	3.2	3.1
Moorundie Poll, NE73	21.9	24.8	24.3	25.1	23.6	1.7	2.0	2.8	3.1	2.6	3.0	3.3	2.8	2.8	2.7
Nearra Poll, 110264	23.5	25.3	24.8	25.7	24.5	2.0	2.1	3.0	3.7	2.8	3.2	3.4	3.0	3.1	3.0
Rangeview Poll, 5-680	20.0	22.0	21.7	24.2	22.5	1.4	1.5	2.2	2.9	2.3	2.9	2.9	2.6	2.7	2.6
Trigger Vale Poll, 140477	23.4	25.4	24.6	26.0	24.1	2.0	2.2	3.2	3.7	3.4	3.2	3.4	3.0	3.1	2.9
West Plains Poll, 110004 (Mercenary)	20.8	23.0	22.7	24.2	22.9	1.5	1.7	2.5	3.0	2.4	3.0	3.0	2.5	2.7	2.6
Woodyarrup, 150329	21.8	23.7	23.0	24.5	23.4	1.6	1.7	2.5	3.1	2.6	3.0	3.0	2.5	2.6	2.6
Average	22.4	24.5	23.9	25.3	23.4	1.8	1.9	2.8	3.4	2.7	3.0	3.2	2.7	2.9	2.7

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); A4 = Adult (3.5-4.5 years); A5 = Adult (4.5-5.5 years); A6 = Adult (5.5-6.5 years).

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

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2017 Drop

Raw Data

Visual Scores – Breech and Conformation – F1 Ewes

Breeders flock, Sire number	Breech												Conformation																
	BRWR					BCOV						DAG			BDWR					LEGS					FACE				
	M	Y	H	A3	A4	M	Y	H	A2	A3	A4	A2	A3	A4	P	H	A2	A3	A4	P	H	A2	A3	A4	P	H	A2	A3	A4
Anderson Poll, 140474	2.0	1.6	1.5	1.9	1.6	2.6	3.6	3.5	3.4	3.4	3.3	2.1	2.7	2.7	1.3	1.3	1.2	1.8	1.8	2.1	1.9	2.2	1.9	1.1	1.7	1.6	2.3	2.6	2.6
Barloo Poll, 140027 (Eureka)	2.1	2.0	1.7	2.1	2.2	3.0	3.6	3.8	3.8	4.2	3.3	2.5	3.2	3.4	1.5	1.4	1.3	2.2	1.9	2.3	1.7	2.1	1.8	1.1	1.4	1.5	2.4	2.6	2.8
Billandri Poll, 151280	2.2	1.9	1.8	2.4	2.6	2.8	3.9	3.8	4.1	4.4	3.6	2.4	3.1	3.0	1.5	1.3	1.1	1.9	1.9	2.6	2.4	2.4	2.1	1.2	1.7	1.7	2.5	2.8	2.9
Coromandel Poll, 130660	1.9	1.7	1.7	1.9	2.1	3.0	3.6	3.6	3.5	3.6	3.1	2.1	2.6	2.8	1.4	1.3	1.3	1.6	1.6	2.3	2.0	2.1	1.9	1.1	1.4	1.4	2.4	2.6	2.6
Cranmore, 132051	2.0	1.6	1.7	1.7	2.0	3.0	3.8	3.7	2.8	3.8	2.5	2.3	2.9	2.9	1.2	1.2	1.3	1.6	1.7	2.2	2.4	2.3	1.9	1.1	1.2	1.1	2.2	2.4	2.3
Edale, 10Z266K	2.3	2.1	1.8	2.5	2.4	2.8	3.8	3.7	3.7	3.8	3.2	2.2	3.1	3.3	1.8	1.5	1.4	2.4	2.1	2.3	2.1	2.2	2.0	1.1	1.6	1.6	2.5	2.7	2.8
Ingle Poll, 150087	2.1	1.8	1.8	2.1	2.1	2.7	3.5	3.4	3.0	3.4	3.0	1.9	2.4	2.9	1.6	1.4	1.2	1.9	2.1	2.3	2.5	2.4	2.0	1.3	1.5	1.4	2.1	2.4	2.6
Mianelup Poll, M00540 (Expo)	1.8	1.7	1.4	2.0	2.1	3.0	3.8	3.6	3.4	3.7	3.2	2.0	2.7	2.7	1.3	1.2	1.2	1.6	1.6	2.2	1.9	2.0	1.5	1.1	1.5	1.3	2.4	2.4	2.7
Moojepin, 120652	1.6	1.3	1.1	1.3	1.3	2.8	3.7	3.5	3.1	3.5	3.0	1.8	2.3	2.6	1.1	1.1	1.0	1.3	1.4	2.2	1.8	2.1	2.0	1.2	1.5	1.2	2.0	2.5	2.6
Moorundie Poll, NE73	2.0	1.6	1.6	2.1	2.3	2.8	3.8	3.8	3.5	3.7	2.9	2.3	2.7	2.7	1.4	1.5	1.1	1.8	2.0	2.3	2.2	2.1	2.1	1.0	1.8	1.5	2.4	2.4	2.7
Nearra Poll, 110264	2.1	1.5	1.5	1.5	1.8	2.9	3.9	3.7	3.6	3.6	3.1	2.2	2.7	3.3	1.2	1.1	1.3	1.5	1.6	2.3	2.4	2.4	2.1	1.2	1.5	1.5	2.4	2.6	2.5
Rangeview Poll, 5-680	2.3	2.4	1.8	2.6	2.4	3.0	4.0	3.8	4.3	4.1	3.7	2.2	3.0	3.4	1.8	1.6	1.2	2.3	1.8	2.6	2.2	2.2	1.8	1.1	1.8	1.9	2.5	2.8	3.0
Trigger Vale Poll, 140477	1.5	1.3	1.1	1.5	1.6	2.9	3.5	3.3	3.4	3.0	3.0	2.3	2.9	3.2	1.1	1.1	1.2	1.4	1.4	2.2	2.1	2.2	1.8	1.1	1.6	1.4	2.6	2.7	2.9
West Plains Poll, 110004 (Mercenary)	2.2	2.0	1.6	2.1	2.1	3.2	3.8	3.7	3.8	4.2	3.7	2.5	3.2	3.4	1.3	1.2	1.1	1.7	1.6	2.5	1.8	2.3	1.9	1.1	2.1	1.8	2.8	2.8	3.0
Woodyarrup, 150329	2.0	1.8	1.6	2.2	2.2	2.8	3.8	3.7	4.0	3.9	3.7	2.2	2.8	3.0	1.4	1.3	1.3	1.9	1.8	2.1	1.9	2.0	1.7	1.0	1.7	1.6	2.4	2.7	2.9
Average	2.0	1.7	1.6	1.9	2.0	2.9	3.7	3.6	3.5	3.7	3.2	2.2	2.8	3.0	1.4	1.3	1.2	1.8	1.7	2.2	2.1	2.2	1.9	1.1	1.6	1.5	2.3	2.6	2.7

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); A4 = Adult (3.5-4.5 years); A5 = Adult (4.5-5.5 years); A6 = Adult (5.5-6.5 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																					
	COL					FLROT					DUST					WEATH		CHAR				
	P	H	A2	A3	A4	P	H	A2	A3	A4	P	H	A2	A3	A4	P	H	P	H	A2	A3	A4
Anderson Poll, 140474	2.5	2.8	2.7	2.5	2.1	1.0	1.2	1.0	1.0	1.0	2.5	2.1	3.0	2.5	2.8	2.3	2.1	3.1	3.2	2.8	2.3	2.9
Barloo Poll, 140027 (Eureka)	2.7	2.8	2.7	2.3	2.1	1.0	1.1	1.0	1.0	1.3	2.6	1.9	2.9	2.3	2.8	2.5	2.1	3.0	2.5	2.6	2.0	2.8
Billandri Poll, 151280	2.8	2.9	2.7	2.4	2.2	1.0	1.4	1.0	1.0	1.1	2.7	2.0	3.0	2.4	2.7	2.6	2.5	3.2	2.9	2.9	2.2	2.7
Coromandel Poll, 130660	2.8	2.8	2.4	2.2	1.9	1.0	1.3	1.0	1.0	1.1	2.6	1.7	2.9	2.3	2.7	2.5	2.1	3.4	2.7	2.5	2.1	2.8
Cranmore, 132051	2.8	3.0	2.9	2.5	2.3	1.0	1.3	1.0	1.0	1.1	2.4	1.8	3.1	2.5	3.0	2.4	2.4	2.6	2.9	2.8	2.1	2.8
Edale, 10Z266K	2.6	2.7	2.6	2.2	2.0	1.0	1.4	1.0	1.0	1.0	2.5	1.8	3.0	2.4	2.9	2.3	1.9	3.0	2.9	2.7	2.0	2.9
Ingle Poll, 150087	2.7	2.8	2.8	2.2	1.9	1.0	1.3	1.0	1.0	1.1	2.5	2.1	3.0	2.5	2.9	2.2	2.2	3.2	3.5	3.3	2.4	3.1
Mianelup Poll, M00540 (Expo)	2.8	3.0	2.8	2.1	2.1	1.0	1.4	1.0	1.0	1.1	2.6	1.6	2.9	2.3	2.9	2.6	2.3	2.9	2.8	2.4	2.1	2.7
Moojepin, 120652	2.8	3.1	2.9	2.7	2.1	1.0	1.6	1.0	1.0	1.0	3.0	2.3	3.3	2.7	2.9	2.9	3.1	3.1	2.7	2.9	2.5	2.8
Moorundie Poll, NE73	2.7	2.6	2.5	1.9	1.9	1.0	1.3	1.0	1.0	1.2	2.4	1.7	2.7	2.1	2.7	2.5	2.1	3.1	2.8	2.4	1.7	2.6
Nearra Poll, 110264	3.0	3.2	3.0	2.5	2.2	1.0	1.3	1.0	1.0	1.1	2.9	2.4	3.3	2.6	3.2	2.8	2.8	3.0	3.0	3.1	2.2	2.9
Rangeview Poll, 5-680	2.6	2.6	2.6	2.2	2.0	1.0	1.4	1.0	1.0	1.2	2.4	1.6	2.9	2.4	2.5	2.5	2.1	3.0	2.5	2.4	2.1	2.7
Trigger Vale Poll, 140477	2.7	3.0	2.8	2.4	2.0	1.0	1.3	1.0	1.0	1.1	2.7	2.1	3.1	2.4	2.9	2.6	2.3	3.2	3.2	3.0	2.1	2.8
West Plains Poll, 110004 (Mercenary)	2.3	2.4	2.6	2.1	2.0	1.0	1.1	1.0	1.0	1.2	2.6	1.6	3.0	2.2	2.9	2.5	2.3	2.8	2.4	2.6	1.9	2.7
Woodyarrup, 150329	2.6	2.5	2.5	2.3	2.1	1.0	1.2	1.0	1.0	1.0	2.5	1.8	3.0	2.4	2.6	2.4	2.3	2.5	2.0	2.2	1.8	2.7
Average	2.7	2.8	2.7	2.3	2.1	1.0	1.3	1.0	1.0	1.1	2.6	1.9	3.1	2.4	2.8	2.5	2.3	3.0	2.8	2.7	2.1	2.8

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); A4 = Adult (3.5-4.5 years); A5 = Adult (4.5-5.5 years); A6 = Adult (5.5-6.5 years).

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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: Nathan King

Results are ewe numbers as classed into each grade.

Breeders flock, Sire number	Post Weaning 05/03/18					Hogget 27/11/18					Adult2 25/12/19					Adult3 18/11/20					Adult4 29/11/21				
	Top	Stud	Flock	Sale	Cull	Top	Stud	Flock	Sale	Cull	Top	Stud	Flock	Sale	Cull	Top	Stud	Flock	Sale	Cull	Top	Stud	Flock	Sale	Cull
Anderson Poll, 140474		4	24	7	3			31	4	4			27	8	1		1	17	13	4			18	11	5
Barloo Poll, 140027 (Eureka)	2	2	20	7	10	2	8	20	7	4	1	8	24	6	2		5	23	9	4	1	3	22	4	8
Billandri Poll, 151280		2	22	8	7		3	22	8	3		3	22	6	3	2	3	18	10	1	1	2	19	5	5
Coromandel Poll, 130660		2	15	18	5	2	8	25	5	1	3	5	27	4		4	3	25	3	2	1	2	26	4	3
Cranmore, 132051	2	2	15	10	4		3	17	11	2	1	1	18	11		1	1	8	16	4		1	11	13	4
Edale, 10Z266K		5	19	11	9		4	25	10	6		1	28	9	3		6	24	9	1		3	21	8	4
Ingle Poll, 150087		3	15	14	6		2	27	6	3		1	18	13	6			19	18	1		1	9	20	7
Mianelup Poll, M00540 (Expo)	3	6	16	14	4	2	4	28	7	4	3	6	26	6	1		3	26	9	2	1	3	19	9	7
Moojepin, 120652	1	4	17	12	7		3	28	8	3		3	28	8	3		3	16	14	9	1	2	11	16	11
Moorundie Poll, NE73	1	2	12	8	3	1	4	19	1	1		5	18	1			3	18	2		1		18	4	
Nearra Poll, 110264		2	16	7	18		2	24	10	8		2	21	13	7			24	12	6			18	19	5
Rangeview Poll, 5-680	1	4	11	4	4	5	4	12	1	2	2	5	15	2		2	4	15	1	1	1	1	14	6	1
Trigger Vale Poll, 140477		4	27	11	9	1	4	28	13	5	1	2	35	7	4		4	32	10	3	1	4	28	8	6
West Plains Poll, 110004 (Mercenary)	1	3	13	5	4	1	7	13	3	2	1	5	17	2		1	3	18	1	2		3	14	5	2
Woodyarrup, 150329	2	10	16	7	2	3	10	24			6	6	20	3	1	5	8	18	2	1	3	7	21	3	
Total	13	55	258	143	95	17	66	343	94	48	18	53	344	99	31	15	47	301	129	41	11	32	269	135	68
	2%	10%	46%	25%	17%	3%	12%	60%	17%	8%	3%	10%	63%	18%	6%	3%	9%	56%	24%	8%	2%	7%	52%	26%	13%

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 18 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.

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2017 Drop

Raw Data

Reproduction in 2021 – Adult4 Stage

12 rams were used in a syndicate and naturally joined to the F1 ewes on February 1, 2021 and removed on March 9, 2021.

Breeders flock, Sire number	Ewes Joined	Pregnancy Scanning Count 22/04/21					F2 Progeny Weaning - Lamb Numbers 21/09/21							
		Empty	Ewe Numbers*			Number Foetuses	Foetus Rate ¹	Single	Twin	Triplet	Number Lambs	Survival ²	Weaning Rate ³	Kg lambs weaned/No. ewes joined ⁴
Anderson Poll, 140474	35	1	7	27		61	174%	13	36		49	80%	140%	29.4
Barloo Poll, 140027 (Eureka)	41	3	16	22		60	146%	19	30		49	82%	120%	27.5
Billandri Poll, 151280	34	2	28	4		36	106%	25	8		33	92%	97%	23.5
Coromandel Poll, 130660	37	2	9	26		61	165%	13	40		53	87%	143%	32.4
Cranmore, 132051	30		10	19	1	51	170%	12	30	3	45	88%	150%	35.4
Edale, 10Z266K	39	2	18	19		56	144%	20	20		40	71%	103%	24.3
Ingle Poll, 150087	38	2	18	18		54	142%	20	26		46	85%	121%	28.6
Mianelup Poll, M00540 (Expo)	40	3	15	22		59	148%	22	26		48	81%	120%	29.2
Moojepin, 120652	42	7	16	19		54	129%	21	26		47	87%	112%	26.0
Moorundie Poll, NE73	23	1	13	9		31	135%	16	8		24	77%	104%	26.9
Nearra Poll, 110264	42		17	25		67	160%	19	40		59	88%	140%	32.1
Rangeview Poll, 5-680	23	3	14	6		26	113%	15	8		23	88%	100%	22.6
Trigger Vale Poll, 140477	48	5	23	20		63	131%	21	28		49	78%	102%	23.9
West Plains Poll, 110004 (Mercenary)	25	2	17	6		29	116%	19	4		23	79%	92%	23.0
Woodyarrup, 150329	34	2	12	20		52	153%	13	24		37	71%	109%	24.4
Total	531	35	233	262	1	760	143%	268	354	3	625	82%	118%	27.4
		7%	44%	49%	0%			43%	57%	0%				

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

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

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.

Reproduction Flock Breeding Values are reported on page 20.

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 2020 – Adult3 Stage

12 rams were used in a syndicate and naturally joined to the F1 ewes on February 3, 2020 and removed on March 9, 2020.

Breeders flock, Sire number	Ewes Joined	Pregnancy Scanning Count 24/04/20					F2 Progeny Weaning - Lamb Numbers 29/09/20					Kg lambs weaned/No. ewes joined ⁴	
		Empty	Single	Twin	Triplet	Number Foetuses	Foetus Rate ¹	Single	Twin	Number Lambs	Survival ²		Weaning Rate ³
Anderson Poll, 140474	36	2	16	17	1	53	147%	17	28	45	85%	125%	28.4
Barloo Poll, 140027 (Eureka)	41	2	30	9		48	117%	31	12	43	90%	105%	28.3
Billandri Poll, 151280	34	1	28	5		38	112%	28	8	36	95%	106%	30.2
Coromandel Poll, 130660	38	2	23	13		49	129%	25	18	43	88%	113%	28.9
Cranmore, 132051	31	1	16	14		44	142%	15	24	39	89%	126%	32.5
Edale, 10Z266K	41	1	33	7		47	115%	28	8	36	77%	88%	22.9
Ingle Poll, 150087	38	4	21	13		47	124%	26	14	40	85%	105%	29.0
Mianelup Poll, M00540 (Expo)	42	2	29	11		51	121%	29	16	45	88%	107%	28.9
Moojepin, 120652	42	5	24	13		50	119%	27	18	45	90%	107%	28.4
Moorundie Poll, NE73	24		22	2		26	108%	20	2	22	85%	92%	27.5
Nearra Poll, 110264	43	2	20	21		62	144%	25	28	53	85%	123%	29.7
Rangeview Poll, 5-680	24	4	16	4		24	100%	16	6	22	92%	92%	24.1
Trigger Vale Poll, 140477	49	2	41	6		53	108%	39	12	51	96%	104%	29.9
West Plains Poll, 110004 (Mercenary)	25	4	19	2		23	92%	20	2	22	96%	88%	23.6
Woodyarrup, 150329	35	1	20	14		48	137%	17	22	39	81%	111%	28.1
Total	543	33 6%	358 66%	151 28%	1 0%	663	122%	363 62%	218 38%	581	88%	107%	28.2

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

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

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.

Reproduction Flock Breeding Values are reported on page 20.

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)

12 rams were used in a syndicate and naturally joined to the F1 ewes on January 31, 2019 and were removed on March 7, 2019.

Breeders flock, Sire number	Ewes Joined	Pregnancy Scanning Count 29/04/19					F2 Progeny Weaning - Lamb Numbers 07/10/19						
		Empty	Single	Twin	Triplet	Number Foetuses	Foetus Rate ¹	Single	Twin	Number Lambs	Survival ²	Weaning Rate ³	Kg lambs weaned/No. ewes joined ⁴
Anderson Poll, 140474	39	2	17	19	1	58	149%	22	12	34	59%	87%	24.0
Barloo Poll, 140027 (Eureka)	41	4	30	7		44	107%	30	8	38	86%	93%	27.6
Billandri Poll, 151280	36	1	31	4		39	108%	28	6	34	87%	94%	27.5
Coromandel Poll, 130660	41	3	33	5		43	105%	25	8	33	77%	80%	23.3
Cranmore, 132051	33	2	15	16		47	142%	19	20	39	83%	118%	35.8
Edale, 10Z266K	45		40	5		50	111%	35	2	37	74%	82%	25.7
Ingle Poll, 150087	38		26	12		50	132%	26	12	38	76%	100%	29.1
Mianelup Poll, M00540 (Expo)	45	4	29	12		53	118%	31	14	45	85%	100%	29.5
Moojepin, 120652	42	4	25	13		51	121%	27	16	43	84%	102%	29.5
Moorundie Poll, NE73	25	3	19	3		25	100%	14	4	18	72%	72%	21.2
Nearra Poll, 110264	45	1	26	18		62	138%	21	24	45	73%	100%	27.9
Rangeview Poll, 5-680	24	3	17	4		25	104%	17	4	21	84%	88%	25.2
Trigger Vale Poll, 140477	51	1	40	10		60	118%	35	18	53	88%	104%	30.6
West Plains Poll, 110004 (Mercenary)	26	2	23	1		25	96%	20		20	80%	77%	23.3
Woodyarrup, 150329	37	3	19	15		49	132%	17	24	41	84%	111%	32.9
Total	568	33 6%	390 69%	144 25%	1 0%	681	120%	367 68%	172 32%	539	79%	95%	27.8

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

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

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.

Reproduction Flock Breeding Values are reported on page 20.

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			
Post Weaning	9.5	Hogget	7.5
Adult2	12	Adult3	12
Adult4	12		

Breeders flock, Sire number	GFW (kg)					CFW (kg)					FD (µm)					FDCV (%)					SL (mm)					SS (Nktex)				
	P	H	A2	A3	A4	P	H	A2	A3	A4	P	H	A2	A3	A4	P	H	A2	A3	A4	P	H	A2	A3	A4	P	H	A2	A3	A4
Anderson Poll, 140474	3.2	3.6	5.6	5.2	4.7	2.2	2.6	3.8	3.8	3.4	17.0	19.0	18.2	18.7	18.6	19.3	17.1	17.9	17.2	17.2	91.9	80.0	105.7	109.5	102.2	25.8	35.8	20.9	27.4	29.8
Barloo Poll, 140027 (Eureka)	3.2	3.9	5.9	5.7	5.0	2.2	2.8	4.1	4.1	3.7	16.8	19.0	18.6	19.4	19.2	20.6	17.6	18.7	17.6	18.4	89.2	78.9	100.9	106.5	98.2	27.2	37.0	24.1	32.8	32.3
Billandri Poll, 151280	3.3	4.0	5.9	5.7	5.1	2.2	2.8	3.9	4.0	3.6	16.0	18.4	17.6	18.4	18.5	20.0	16.7	17.6	16.3	16.6	88.8	82.0	106.7	109.6	103.4	24.0	37.7	20.7	31.3	32.7
Coromandel Poll, 130660	3.2	3.9	5.7	5.6	5.1	2.1	2.8	3.9	4.0	3.7	16.9	19.0	18.2	18.6	18.5	19.8	16.7	17.6	16.4	16.3	84.2	78.7	100.8	107.0	101.0	26.6	39.6	21.9	30.0	31.8
Cranmore, 132051	3.3	3.9	5.4	5.3	4.8	2.0	2.7	3.5	3.5	3.3	17.0	19.2	18.4	18.8	18.9	19.3	15.9	16.4	15.8	15.9	86.0	76.6	104.2	106.7	101.4	27.8	41.1	24.0	29.9	37.0
Edale, 10Z266K	3.3	4.0	6.0	5.8	5.1	2.2	2.9	4.0	4.2	3.7	16.5	18.7	18.1	18.9	18.7	21.1	17.7	17.9	17.3	17.2	82.6	77.4	101.8	109.2	100.8	22.8	39.1	25.3	30.6	32.4
Ingle Poll, 150087	3.0	3.7	5.4	5.2	4.5	1.9	2.6	3.4	3.6	3.1	16.8	18.9	18.1	18.4	18.2	18.4	15.6	16.4	15.8	16.3	87.2	81.3	104.9	109.6	99.0	32.5	43.8	28.1	34.9	34.8
Mianelup Poll, M00540 (Expo)	3.3	4.0	5.7	5.6	5.2	2.1	2.8	3.8	3.9	3.6	17.3	19.5	18.6	19.3	19.2	20.5	18.0	19.2	18.5	18.5	87.3	77.7	103.7	108.7	101.5	26.6	35.4	23.5	27.3	29.4
Moojepin, 120652	3.0	3.3	5.0	4.8	4.3	2.0	2.4	3.3	3.3	3.0	17.0	18.9	17.9	18.4	18.5	18.9	15.7	17.5	16.8	17.3	97.9	87.0	110.2	116.3	107.6	24.1	34.1	19.3	26.2	29.1
Moorundie Poll, NE73	3.5	4.1	6.0	5.8	5.1	2.3	3.0	4.1	4.2	3.7	16.5	18.9	17.9	18.8	18.4	21.3	18.1	19.2	17.3	18.3	89.2	81.9	104.2	113.7	103.1	23.3	33.4	19.8	26.2	25.3
Nearra Poll, 110264	3.1	3.4	5.0	4.7	4.0	2.0	2.4	3.2	3.2	2.7	16.7	18.6	17.7	17.9	17.7	18.9	16.6	17.5	15.8	16.0	86.9	75.7	100.9	104.7	95.3	25.3	29.2	22.1	27.5	29.3
Rangeview Poll, 5-680	3.4	3.9	5.7	5.8	5.3	2.2	2.8	3.8	4.0	3.7	16.1	18.1	17.5	18.3	18.3	20.1	16.5	17.6	16.7	17.1	84.7	80.0	99.6	107.2	99.2	25.2	37.8	24.3	30.4	31.5
Trigger Vale Poll, 140477	3.0	3.6	5.4	5.3	4.7	1.9	2.6	3.6	3.7	3.4	17.7	19.7	18.6	19.5	19.3	18.4	15.6	16.6	16.2	16.6	89.6	78.7	105.5	108.7	100.7	28.0	37.2	23.6	30.6	31.0
West Plains Poll, 110004 (Mercenary)	3.1	3.8	5.5	5.8	5.2	2.1	2.8	3.8	4.2	3.9	16.6	18.9	17.8	19.1	19.2	20.8	17.5	19.3	18.0	18.5	90.0	80.6	101.1	109.6	102.9	26.6	35.6	18.3	27.7	30.9
Woodyarrup, 150329	3.4	3.9	5.8	5.8	5.1	2.3	2.9	4.1	4.3	3.8	16.9	19.3	18.5	19.0	19.1	18.6	15.6	16.7	15.8	16.4	93.4	83.1	108.6	111.9	103.4	32.4	42.0	27.4	32.5	33.5
Average	3.2	3.8	5.6	5.4	4.8	2.1	2.7	3.7	3.8	3.5	16.8	19.0	18.1	18.8	18.7	19.6	16.7	17.7	16.7	17.1	88.6	79.8	104.0	109.2	101.2	26.6	37.2	23.0	29.8	31.4

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); A4 = Adult (3.5-4.5 years); A5 = Adult (4.5-5.5 years); A6 = Adult (5.5-6.5 years).

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

2017 Drop

Adjusted Sire Means Weight and Carcase

Breeders flock, Sire number	WT (kg)							EMD (mm)					FAT (mm)					Condition Scores				
	W	P	Y	A2	A3	A4	A5	Y	A2	A3	A4	A5	Y	A2	A3	A4	A5	Y	A2	A3	A4	A5
Anderson Poll, 140474	28.5	33.1	41.6	55.3	57.9	62.5	60.2	23.5	25.7	25.2	26.2	23.8	2.0	2.1	3.4	3.6	2.8	3.2	3.3	2.9	3.0	2.7
Barloo Poll, 140027 (Eureka)	28.8	31.8	40.3	55.2	57.1	62.2	60.4	21.3	23.7	23.0	23.8	21.8	1.7	1.8	2.5	2.9	2.3	2.9	3.1	2.6	2.7	2.6
Billandri Poll, 151280	27.1	30.6	40.2	54.0	56.1	61.7	59.2	21.6	24.0	22.9	25.0	22.1	1.6	1.8	2.4	2.9	2.4	3.1	3.2	2.6	2.8	2.7
Coromandel Poll, 130660	28.8	34.0	43.5	56.6	60.2	67.6	63.2	22.7	24.5	24.0	25.4	22.2	1.8	1.9	2.7	3.4	2.3	2.9	3.1	2.7	2.9	2.6
Cranmore, 132051	28.4	32.6	42.9	56.0	56.9	63.5	60.4	22.3	23.8	22.9	24.2	22.1	1.7	1.8	2.3	2.9	2.3	3.0	3.1	2.5	2.6	2.5
Edale, 10Z266K	28.1	31.6	40.7	53.8	56.3	62.5	60.7	22.0	23.4	23.0	25.1	23.5	1.7	1.7	2.4	3.5	2.6	3.0	3.0	2.4	2.7	2.6
Ingle Poll, 150087	28.9	32.9	42.8	58.3	60.4	64.8	63.4	23.1	25.6	25.3	25.8	24.1	1.9	2.1	3.2	3.8	3.0	3.0	3.4	2.9	3.0	2.8
Mianelup Poll, M00540 (Expo)	29.2	34.2	44.1	60.3	63.0	68.3	68.9	22.5	25.2	23.9	25.5	23.8	1.8	1.9	2.6	3.2	2.6	3.0	3.2	2.7	2.8	2.7
Moojepin, 120652	27.9	32.6	43.1	55.5	58.1	62.9	62.6	23.3	26.1	26.0	27.0	25.4	2.0	2.2	3.6	3.9	3.3	3.1	3.4	3.1	3.2	3.1
Moorundie Poll, NE73	29.3	33.5	41.9	56.2	58.7	62.9	63.1	21.9	24.7	24.3	25.1	23.7	1.7	2.0	2.8	3.1	2.6	3.0	3.3	2.8	2.8	2.7
Nearra Poll, 110264	27.7	31.5	42.3	55.7	59.7	64.5	63.6	23.5	25.3	24.8	25.8	24.6	2.0	2.1	3.1	3.7	2.8	3.2	3.4	3.0	3.1	3.0
Rangeview Poll, 5-680	29.5	31.9	39.8	54.9	57.5	66.0	63.7	20.1	22.0	21.7	24.1	22.4	1.5	1.5	2.2	2.9	2.3	2.9	2.9	2.6	2.7	2.6
Trigger Vale Poll, 140477	28.6	34.1	44.0	59.0	60.5	66.7	66.2	23.4	25.4	24.6	25.9	24.0	2.0	2.2	3.2	3.7	3.4	3.2	3.3	3.0	3.1	2.9
West Plains Poll, 110004 (Mercenary)	27.9	30.9	39.5	54.8	56.1	63.7	61.7	20.7	22.9	22.7	24.2	23.0	1.5	1.7	2.5	3.0	2.4	2.9	3.0	2.5	2.7	2.6
Woodyarrup, 150329	28.2	32.0	40.6	54.4	56.6	63.7	63.2	21.7	23.7	23.0	24.5	23.4	1.6	1.7	2.4	3.1	2.6	3.0	3.0	2.5	2.6	2.6
Average	28.4	32.6	42.0	56.2	58.5	64.3	62.9	22.4	24.5	23.9	25.3	23.4	1.8	1.9	2.8	3.4	2.7	3.0	3.2	2.7	2.9	2.7

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); A4 = Adult (3.5-4.5 years); A5 = Adult (4.5-5.5 years); A6 = Adult (5.5-6.5 years).

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

2017 Drop

Adjusted Sire Means

Classer's Visual Grade – F1 Ewes

Classer: Preston Clark (P & A2), Mitch Crosby (A3, A4, A5)

Breeders flock, Sire number	Progeny No [^]	TOPS (%)					CULLS (%)				
		P	H	A2	A3	A4	P	H	A2	A3	A4
Anderson Poll, 140474	34	2	-9	-6	-7	-6	-4	-6	4	-3	3
Barloo Poll, 140027 (Eureka)	39	-2	9	2	-1	2	-11	-2	-7	-5	16
Billandri Poll, 151280	32	-7	11	-12	-3	-5	4	-3	1	1	1
Coromandel Poll, 130660	36	-5	14	18	12	13	3	-7	-8	-8	-4
Cranmore, 132051	29	-2	-10	-14	-13	-19	-1	11	4	13	16
Edale, 10Z266K	36	2	-14	-3	0	-8	6	-5	12	-5	-10
Ingle Poll, 150087	38	-2	-11	-17	2	-13	-3	12	11	4	-5
Mianelup Poll, M00540 (Expo)	39	-4	16	21	8	12	-5	3	-11	-7	-3
Moojepin, 120652	41	-4	-21	-19	-13	-5	13	1	5	7	7
Moorundie Poll, NE73	23	2	10	19	12	9	-14	-8	-9	-8	-8
Nearra Poll, 110264	42	-7	-19	-16	-18	-15	21	22	25	23	17
Rangeview Poll, 5-680	23	5	0	3	0	12	9	-2	-12	-8	-1
Trigger Vale Poll, 140477	47	-5	-9	-13	-4	0	0	0	-3	8	-8
West Plains Poll, 110004 (Mercenary)	24	5	2	10	-10	8	1	-7	-6	3	-12
Woodyarrup, 150329	34	23	32	28	35	14	-18	-9	-8	-14	-9
Average	34	6	29	17	17	17	27	12	15	18	21

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); A4 = Adult (3.5-4.5 years); A5 = Adult (4.5-5.5 years); A6 = Adult (5.5-6.5 years).

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

These Adjusted Sire Means were calculated using available data from 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 12 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), differences in progeny group sizes and dam age.

2017 Drop

Within-Site and Within-Drop Flock Breeding Values Wool

Breeders flock, Sire number	Progeny No [^]	PGFW (%)	AGFW (%)	PCFW (%)	ACFW (%)	PFD (μm)	AFD (μm)	PFDCV (%)	AFDCV (%)	PSL (mm)	ASL (mm)	PSS (Nktex)	ASS (Nktex)
Anderson Poll, 140474	77	0	-3	7	0	0.7	0.5	-0.5	0.3	6.2	3.9	-1.1	-1.6
Barloo Poll, 140027 (Eureka)	89	0	2	1	4	0.0	0.4	1.2	1.4	-3.5	-10.2	0.1	-0.2
Billandri Poll, 151280	79	12	8	13	8	-1.2	-0.8	-0.1	-0.7	2.1	4.5	-4.0	-1.0
Coromandel Poll, 130660	98	-3	3	-2	4	-0.1	-0.5	-0.3	-0.3	-8.4	-7.1	-0.7	-1.4
Cranmore, 132051	77	5	1	-5	-4	0.5	0.3	-0.6	-1.9	-1.8	4.1	0.8	2.7
Edale, 10Z266K	98	6	10	7	11	-0.5	0.3	1.8	0.4	-10.1	-1.1	-6.1	3.0
Ingle Poll, 150087	86	-7	-2	-11	-7	-0.3	-0.5	-1.1	-2.0	-1.8	3.3	7.8	9.7
Mianelup Poll, M00540 (Expo)	94	-1	2	-2	0	0.8	0.8	0.8	2.3	0.4	-1.8	1.6	-0.6
Moojepin, 120652	88	-9	-10	-10	-10	0.1	-0.2	-0.5	0.2	18.0	16.4	-5.0	-4.9
Moorundie Poll, NE73	61	11	5	10	8	-0.7	-0.4	2.4	2.5	-1.7	-3.3	-2.9	-5.3
Nearra Poll, 110264	75	-9	-14	-17	-18	0.0	-0.7	-1.3	-1.4	-2.1	-2.8	-2.7	-2.6
Rangeview Poll, 5-680	65	5	1	5	1	-0.8	-0.4	1.0	-0.2	-7.0	-7.7	-0.6	1.1
Trigger Vale Poll, 140477	91	-13	-5	-14	-6	1.6	1.1	-2.5	-1.6	2.4	3.2	4.2	3.6
West Plains Poll, 110004 (Mercenary)	52	-4	-1	3	3	-0.3	-0.2	1.0	1.8	2.2	-3.8	0.3	-6.0
Woodyarrup, 150329	75	5	3	16	7	0.0	0.4	-1.5	-0.7	5.2	2.5	8.2	3.5

Weight and Carcase

Breeders flock, Sire number	Progeny No [^]	WWT (kg)	PWT (kg)	YWT (kg)	HWT (kg)	AWT (kg)	PEMD (mm)	YEMD (mm)	HEMD (mm)	PFAT (mm)	YFAT (mm)	HFAT (mm)
Anderson Poll, 140474	77	-0.4	1.4	-0.3	-0.5	-1.8	3.5	2.9	2.7	2.1	1.8	2.2
Barloo Poll, 140027 (Eureka)	89	-0.4	-1.8	-3.5	-4.0	-2.8	-0.6	-1.3	-1.5	-0.3	-0.8	-1.0
Billandri Poll, 151280	79	-0.7	-1.9	-1.5	-1.7	-1.3	0.0	-0.2	-0.3	-0.4	-0.7	-0.6
Coromandel Poll, 130660	98	1.6	3.8	4.4	4.2	3.1	-0.1	-0.1	-0.2	0.0	0.1	0.0
Cranmore, 132051	77	0.0	1.0	1.6	-1.4	0.1	-0.9	-1.0	-1.9	-0.7	-0.8	-2.2
Edale, 10Z266K	98	-0.8	-1.7	-2.6	-2.0	-2.5	0.0	0.1	0.2	-0.3	-0.1	-0.2
Ingle Poll, 150087	86	0.8	0.6	1.6	3.1	2.0	-0.1	0.7	1.2	-0.2	0.5	0.6
Mianelup Poll, M00540 (Expo)	94	0.8	0.8	3.2	5.2	4.2	-0.9	-0.6	-0.4	-0.3	-0.2	-0.3
Moojepin, 120652	88	-0.2	0.5	1.0	0.1	-0.6	0.1	1.5	1.9	0.4	1.6	2.1
Moorundie Poll, NE73	61	0.8	-0.6	-0.7	-1.7	-1.9	-0.6	-1.1	-1.3	-0.5	-0.9	-0.9
Nearra Poll, 110264	75	-0.7	-0.1	2.0	1.4	1.9	1.2	2.2	2.3	0.9	1.6	2.2
Rangeview Poll, 5-680	65	-0.5	-2.2	-3.8	-2.3	-1.5	-1.2	-1.8	-1.9	-1.0	-1.3	-1.5
Trigger Vale Poll, 140477	91	1.7	4.3	5.9	4.4	4.3	1.5	1.5	1.7	1.4	1.3	1.7
West Plains Poll, 110004 (Mercenary)	52	-0.8	-2.2	-4.0	-2.4	-1.8	-1.4	-1.8	-1.5	-1.0	-1.3	-1.1
Woodyarrup, 150329	75	-1.2	-1.8	-3.3	-2.2	-1.3	-0.4	-0.9	-1.0	-0.2	-0.8	-0.9

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 – Reproduction

Breeders Flock, Sire Name	Ewes Joined ¹	Across Year Results			
		Conception	Litter Size	Ewe Rearing Ability	Weaning Rate
Anderson Poll, 140474	35	0.02	0.29	-0.10	0.06
Barloo Poll, 140027 (Eureka)	41	-0.01	-0.03	0.03	0.03
Billandri Poll, 151280	34	0.02	-0.22	0.08	-0.01
Coromandel Poll, 130660	37	0.01	0.03	-0.01	-0.02
Cranmore, 132051	30	0.03	0.19	0.05	0.27
Edale, 10Z266K	39	0.04	-0.10	-0.11	-0.19
Ingle Poll, 150087	38	0.01	0.04	-0.01	-0.02
Mianelup Poll, M00540 (Expo)	40	-0.01	0.01	0.03	0.06
Moojepin, 120652	42	-0.07	0.04	0.05	0.04
Moorundie Poll, NE73	23	0.00	-0.13	-0.02	-0.15
Nearra Poll, 110264	42	0.05	0.16	-0.03	0.09
Rangeview Poll, 5-680	23	-0.07	-0.10	0.04	-0.07
Trigger Vale Poll, 140477	48	0.01	-0.12	0.03	-0.01
West Plains Poll, 110004 (Mercenary)	25	-0.04	-0.18	0.04	-0.11
Woodyarrup, 150329	34	0.01	0.12	-0.06	-0.01

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

These **Flock Breeding Values** are calculated across all reproduction cycles.

For the MLP project Weaning Rate is derived from the three reproduction component traits

Units / Definitions sourced from Sheep Genetics

Trait Name	Units	Definitions
Conception	Ewes pregnant per ewes joined	The ability of a ewe to get in lamb in comparison to all the ewes in the same joining event.
Litter Size	Lambs per litter	The number of the foetuses a ewe has in comparison to all the ewes that got in lamb.
Ewe Rearing Ability	Lambs weaned per lambs born	The ability of the ewe to rear the lambs that she gives birth to.
Weaning Rate	Lambs weaned per ewes joined	Formerly termed as Number of Lambs Weaned (NLW)

Breeding values for reproduction traits are calculated using a modified version of the MERINOSELECT reproduction model, the analysis uses reproduction data only and does not include correlated body composition traits.

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

Within-Site and Within-Drop

MERINOSELECT Indexes

Breeders flock, Sire number	Dual Purpose	Merino Production	Wool Production	Fibre Production	Dual Purpose Plus	Merino Production Plus	Wool Production Plus	Fibre Production Plus
Anderson Poll, 140474	94	93	98	94	118	95	99	94
Barloo Poll, 140027 (Eureka)	87	87	92	91	90	95	96	98
Billandri Poll, 151280	101	119	112	119	116	122	118	121
Coromandel Poll, 130660	125	121	117	115	114	115	114	111
Cranmore, 132051	106	107	91	105	125	118	108	113
Edale, 10Z266K	98	106	110	104	90	101	104	101
Ingle Poll, 150087	107	106	101	108	111	116	104	116
Mianelup Poll, M00540 (Expo)	106	91	108	82	101	100	105	88
Moojepin, 120652	99	87	85	91	92	75	80	78
Moorundie Poll, NE73	100	106	110	98	83	96	103	95
Neearra Poll, 110264	100	88	79	95	97	75	75	83
Rangeview Poll, 5-680	87	97	98	103	81	101	98	105
Trigger Vale Poll, 140477	120	102	96	97	104	88	92	90
West Plains Poll, 110004 (Mercenary)	84	89	98	92	68	86	92	89
Woodyarrup, 150329	87	101	103	106	104	114	111	116

These Indexes were calculated using both the F1 ewe and F1 wether progeny of the sires.

“Plus” Indexes include more traits within their calculations than the “Base” Indexes. Dual Purpose Plus additionally includes reproduction, carcass traits and staple strength. Merino Production Plus additionally includes staple strength and reproduction. Wool Production Plus additionally includes staple strength and reproduction. Fibre Production Plus additionally includes staple strength, worm resistance and reproduction.

MLP indexes include Weaning Rate (WR) which replaces Number of Lambs Weaned (NLW). WR has a higher variance compared to NLW so to achieve the same selection response as NLW, the WR emphasis in indexes has been reduced as per the April 2022 MERINOSELECT analysis updates.

2016 Sire and Contact Details

- Individual sire results may not be representative of a sire's bloodline -

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
Billandri Poll, 130641 600571-2013-130641	Bill Sandilands P: (08) 9851 4030, M: 0427 514030, E: billandri@iinet.net.au	Kendenup WA 601250-2009-907538 (Centre Plus Poll, 907538)	PP	
Boolading Blues Poll, 120708 609039-2012-120708	Lachlan Ewen P: (08) 9736 1389, M: 0429 361389, E: derby.grove@westnet.com.au	Darkan WA 609039-2008-080570 (Boolading Blues Poll, 080570)	PP	
Claypans Poll, 130597 600827-2013-130597	Steven Bolt M: 0427 652043, E: steven_bolt@hotmail.com	Corrigin WA 600827-2010-100754 (Claypans Poll, 100754)	PH	
East Mundulla, 090137 (Jonty) East Mundulla, 090137 (Jonty)	Daniel Gooding P: (08) 9864 9333, M: 0429 138890, E: dangemgooding@activ8.net.au	Lake Grace WA 504470-2006-060022 (Charinga, 060022)	HH	
Ejanding Poll, 145096 600443-2014-145096	Brett Jones P: (08) 9632 3012, M: 0428 323012, E: ejandingstud@bigpond.com	Dowerin WA 600443-2012-125202 (Ejanding Poll, 125202)	PH	
Haddon Rig, 2.715 500048-2012-120715	Andy Maclean P: (02) 6847 4405, M: 0429 662226, E: admin@haddon-rig.com.au	Warren NSW 503805-2009-009778 (White River, 009778)	HH	
Hazeldean, 11.43 500383-2011-000043	Jim Litchfield P: (02) 6453 5555, M: 0417 676561, E: admin@hazeldean.com.au	Cooma NSW 600553-2007-070002 (Coromandel Poll, 070002)	PH	Link
Ingle Poll, 130387 609154-2013-130387	Ashley Hobbs P: (08) 9642 1379, M: 0429 421379, E: ingle@wn.com.au	Brookton WA 609154-2011-110022 (Ingle Poll, 110022)	PP	
Leahcim Poll, 090918 600815-2009-090918	Andrew and Rosemary Michael P: (08) 8865 2085, M: 0418 828431, E: leahcimgenetics@bigpond.com	Snowtown SA 600815-2007-070319 (Leahcim Poll, 070319)	PP	Link
Merinotech WA Poll, 100081 609040-2010-100081	Ian Robertson P: (08) 9833 6251, E: yarrakfarm311@gmail.com	Kojonup WA 609040-2008-088578 (Merinotech WA Poll, 088578)	PH	Link
Moojepin, 140377 504637-2014-140377	David Thompson P: (08) 9822 1500, M: 0418 932507, E: moojepin@westnet.com.au	Katanning WA 504637-2012-120652 (Moojepin, 120652)	PP	
One Oak No. 2, R56 503855-2010-100R56	Graham Wells M: 0428 442930, E: oneoakpl@bigpond.com	Smoko VIC 503855-2008-080004 (One Oak, 080004)	HH	Link
Rhamily Poll, 110330 (Benny) 601271-2011-110330	Shayne Makin P: (08) 9638 1027, M: 0428 381027, E: kamballiems@bigpond.com	Tammin WA Unknown	PP	
West Plains Poll, 110004 601236-2011-110004	Drew Chapman P: (02) 6458 8129, M: 0428 823533, E: laura.chapman1@bigpond.com	Delegate NSW 501341-2009-090089 (Hinesville, 090089)	PH	
Wyambeh Poll, 140141 601343-2014-140141	Peter Campbell P: (07) 4626 5454, M: 0427 195388, E: peter.campbell53@bigpond.com	Roma QLD 601343-2011-110070 (Wyambeh Poll, 110070)	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.

2016 Drop

Raw Data

Birth and Rear Type – F1 Ewes

Breeders flock, Sire number	Birth Type (Scanning)			Rear Type (Weaning)	
	Single	Twin	Triplet	Single	Twin
Billandri Poll, 130641	15	18	2	20	15
Boolading Blues Poll, 120708	14	8		16	6
Claypans Poll, 130597	4	10		6	8
East Mundulla, 090137 (Jonty)	20	9		22	7
Ejanding Poll, 145096	16	18		17	17
Haddon Rig, 2.715	10	10	1	11	10
Hazeldean, 11.43	17	5		18	4
Ingle Poll, 130387	13	14		15	12
Leahcim Poll, 090918	15	20		19	16
Merinotech WA Poll, 100081	17	18	1	21	15
Moojepin, 140377	15	7		16	6
One Oak No. 2, R56	15	20		21	14
Rfamily Poll, 110330 (Benny)	11	11		14	8
West Plains Poll, 110004 (Mercenary)	15	14		15	14
Wyambeh Poll, 140141	15	9		19	5
Total	212	191	4	250	157
	52%	47%	1%	61%	39%

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

Raw Data

Counts – F1 Ewes

Marking	Weaning	Post Weaning Classing	Adult2 Classing	Adult2* Classing	Adult3 Classing	Adult 4 Classing	Adult 5 Classing	Survival Rate from Marking %
21/07/16	26/09/16	15/03/17	05/03/18	27/11/18	27/11/19	18/11/20	16/11/21	
35	35	35	35	34	32	30	29	83%
23	22	21	21	20	19	18	18	78%
15	14	13	13	13	12	11	10	67%
29	29	28	28	25	22	20	18	62%
34	34	34	33	33	33	32	30	88%
21	21	20	18	18	18	18	18	86%
22	22	21	21	20	20	20	19	86%
29	27	26	25	25	25	24	21	72%
35	35	34	34	33	32	30	30	86%
36	36	36	34	33	29	25	22	61%
22	22	22	22	22	21	20	20	91%
36	35	30	30	30	28	27	27	75%
23	22	22	21	21	21	19	18	78%
30	29	29	27	26	24	24	24	80%
24	24	24	23	22	22	22	21	88%
28	27	26	26	25	24	23	22	79%
414	407	395	385	375	358	340	325	

*Changeover to a December shearing (previously March) resulted in a second Adult2 assessment and count.

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.

2016 Drop

Raw Data

Wool – F1 Ewes

Wool Growth in Months			
Post Weaning	9.5	Adult2	12
Adult2*	7.5	Adult3	12
Adult4	12	Adult5	12

Breeders flock, Sire number	GFW (kg)						CFW (kg)						FD (µm)						FDCV (%)						SL (mm)						SS (Nktx)					
	P	A2	A2*	A3	A4	A5	P	A2	A2*	A3	A4	A5	P	A2	A2*	A3	A4	A5	P	A2	A2*	A3	A4	A5	P	A2	A2*	A3	A4	A5	P	A2	A2*	A3	A4	A5
Billandri Poll, 130641	3.0	6.5	4.0	5.8	5.6	5.4	1.9	4.1	3.0	3.9	3.9	4.0	16.8	18.0	19.1	18.1	18.7	18.9	19.4	16.4	16.8	17.7	17.1	17.5	76.8	116.9	78.4	101.2	101.0	101.4	41.8	25.1	35.2	26.4	36.6	33.9
Boolading Blues Poll, 120708	3.3	6.4	4.3	6.0	5.8	5.4	2.3	4.2	3.3	4.2	4.1	3.9	18.7	21.0	22.6	20.9	21.9	22.2	19.5	16.0	16.7	17.9	17.0	16.6	85.5	123.9	84.1	111.1	110.8	108.9	42.8	26.0	36.1	26.9	36.2	40.7
Claypans Poll, 130597	2.7	5.9	3.9	5.7	5.2	5.0	1.8	4.1	3.1	4.3	4.0	3.9	16.7	18.3	20.5	19.5	19.5	20.3	18.0	15.0	16.0	16.6	17.4	16.5	67.8	111.2	76.5	102.4	100.3	101.0	46.2	30.1	36.8	33.4	34.4	37.2
East Mundulla, 090137 (Jonny)	3.0	6.4	4.2	6.5	6.2	5.3	1.9	4.1	3.2	4.6	4.4	4.0	16.7	18.2	20.2	19.2	19.6	19.3	20.7	17.9	18.4	18.3	18.8	18.4	70.8	109.7	78.0	104.5	103.2	101.0	37.2	21.1	32.0	26.1	29.4	29.7
Ejanding Poll, 145096	2.8	6.0	3.8	5.5	4.9	4.5	1.9	3.9	2.9	3.9	3.5	3.4	17.3	19.1	20.7	19.6	20.1	20.0	17.1	15.2	15.5	16.0	15.9	15.1	81.0	122.2	83.4	110.7	108.8	105.5	51.4	30.2	39.2	32.3	37.7	39.0
Haddon Rig, 2.715	3.0	6.2	4.1	5.6	5.5	5.2	2.0	4.1	3.2	4.1	4.0	4.0	17.2	18.5	20.4	19.0	19.4	19.7	19.5	16.6	16.7	17.9	17.6	17.7	75.1	113.5	78.9	100.1	100.4	101.4	42.8	28.5	36.1	28.2	32.1	34.7
Hazeldean, 11.43	3.1	6.4	4.3	5.9	5.5	5.3	2.1	4.0	3.2	3.9	3.8	3.9	16.6	18.0	20.1	18.5	19.0	19.9	19.8	16.0	16.5	17.3	17.3	16.4	79.8	121.8	82.0	105.2	104.7	105.5	39.4	24.0	37.2	31.6	33.4	37.7
Ingle Poll, 130387	2.8	6.0	3.6	5.2	4.7	4.5	1.7	3.3	2.4	3.1	2.8	2.9	16.2	17.3	18.5	17.5	17.6	18.1	17.9	16.2	16.1	17.3	16.6	16.3	75.5	113.2	78.4	98.1	95.3	98.6	40.9	23.7	35.0	24.7	29.2	33.3
Leahcim Poll, 090918	2.6	5.4	3.5	5.0	4.8	4.5	1.7	3.3	2.5	3.3	3.2	3.1	16.6	17.7	19.4	18.6	18.7	19.0	18.2	15.0	15.4	16.5	16.4	16.5	83.1	121.7	85.0	109.2	107.6	109.3	44.6	26.4	37.1	28.7	33.3	34.0
Merinotech WA Poll, 100081	2.8	5.9	3.6	5.2	5.0	4.5	1.9	3.8	2.6	3.5	3.4	3.2	17.2	18.2	19.1	18.1	18.4	18.4	18.6	14.7	15.0	15.7	15.5	15.8	78.3	117.3	78.0	98.9	96.7	95.7	44.0	30.8	40.5	31.0	37.4	35.3
Moojepin, 140377	2.7	5.6	3.7	4.9	4.6	4.4	1.8	3.4	2.7	3.3	3.2	3.2	17.3	18.8	20.1	19.1	19.8	19.9	19.6	16.2	16.9	17.9	17.2	17.2	86.3	130.1	87.2	113.0	109.3	109.8	35.9	22.0	33.0	24.2	33.9	37.6
One Oak No. 2, R56	3.0	6.5	4.5	6.2	6.0	5.2	2.0	4.1	3.3	4.3	4.1	3.9	16.4	17.5	19.7	18.2	18.7	18.4	21.5	18.5	18.3	19.4	19.4	19.4	72.0	111.0	79.4	101.9	100.4	99.5	36.9	20.4	29.7	24.1	29.6	28.1
Rhamily Poll, 110330 (Benny)	2.9	6.1	4.1	5.5	5.2	4.8	2.0	3.9	3.0	3.6	3.5	3.5	17.2	18.3	20.0	18.7	18.5	18.8	18.8	15.2	15.6	17.2	16.4	16.7	72.5	111.9	77.2	99.7	96.3	94.8	44.5	28.7	36.6	31.2	32.3	36.3
West Plains Poll, 110004 (Mercenary)	2.8	5.9	4.1	5.7	5.5	5.2	1.9	3.9	3.2	4.0	3.8	3.9	16.8	18.0	20.4	18.7	19.2	19.5	19.4	16.2	16.9	18.2	17.8	17.3	75.5	111.7	79.8	103.4	103.4	101.5	42.0	23.7	33.6	25.7	29.6	33.1
Wyambeh Poll, 140141	2.8	5.6	3.7	5.0	5.1	4.6	1.8	3.5	2.7	3.4	3.4	3.4	17.2	18.9	20.9	19.5	20.4	20.6	20.0	15.2	15.5	16.3	16.8	15.9	85.7	126.5	85.4	111.2	108.3	107.7	34.9	29.8	38.0	32.7	36.2	35.2
Average	2.9	6.0	3.9	5.6	5.3	4.9	1.9	3.8	2.9	3.8	3.6	3.6	17.0	18.3	20.0	18.8	19.2	19.4	19.2	16.0	16.4	17.3	17.1	16.9	77.9	117.5	80.9	104.8	103.2	103.0	41.9	25.9	35.8	28.3	33.5	34.8

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); A4 = Adult (3.5-4.5 years); A5 = Adult (4.5-5.5 years); A6 = Adult (5.5-6.5 years).

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

***Changeover to a December shearing (previously March) resulted in second Adult2 assessment.**

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2016 Drop

Raw Data

Weights – F1 Ewes

Breeders flock, Sire number	Weaning 26/09/16 (kg)	Post Weaning 27/03/17 (kg)	Yearling 09/05/17 (kg)	Weight Gain Weaning to Yearling (kg)	Hogget 29/09/17 (kg)	Adult2 Pre Joining 21/12/17 (kg)	Weight Gain Weaning to A2 Joining (kg)	Adult3 Pre Joining 30/01/19 (kg)	Adult4 Pre Joining 30/01/20 (kg)	Adult5 Pre Joining 28/01/21 (kg)	Adult6 Pre Joining 24/01/22 (kg)
Billandri Poll, 130641	30.3	39.0	40.2	9.9	54.4	54.3	24.0	68.1	66.8	70.9	66.9
Boolading Blues Poll, 120708	32.6	42.5	42.4	9.8	56.2	57.4	24.8	75.0	67.3	75.5	73.2
Claypans Poll, 130597	27.5	37.3	38.6	11.1	51.4	52.2	24.7	67.7	67.4	72.9	68.6
East Mundulla, 090137 (Jonty)	30.6	38.9	39.9	9.3	54.5	53.9	23.3	70.4	68.3	75.0	69.1
Ejanding Poll, 145096	28.8	39.1	40.4	11.6	53.9	54.1	25.3	67.6	66.8	69.8	68.6
Haddon Rig, 2.715	29.2	38.1	38.7	9.5	51.6	50.6	21.4	64.9	61.7	67.4	64.2
Hazeldean, 11.43	31.8	39.5	39.9	8.1	55.9	55.3	23.5	71.3	67.5	72.2	72.0
Ingle Poll, 130387	29.9	40.2	41.2	11.3	53.8	55.3	25.4	68.7	65.9	68.3	66.6
Leahcim Poll, 090918	28.8	36.7	38.3	9.5	50.4	50.4	21.6	65.6	62.0	66.7	65.0
Merinotech WA Poll, 100081	28.4	37.2	38.5	10.1	50.0	50.6	22.2	62.7	62.7	65.5	65.4
Moojepin, 140377	29.7	38.9	40.5	10.8	52.3	53.4	23.7	66.4	64.2	67.9	67.0
One Oak No. 2, R56	29.9	36.9	37.4	7.5	51.3	52.7	22.8	68.1	64.8	70.6	66.9
Rhamily Poll, 110330 (Benny)	31.6	40.9	42.0	10.4	55.0	55.4	23.8	72.3	70.2	77.1	75.3
West Plains Poll, 110004 (Mercenary)	29.0	37.2	38.3	9.3	51.5	51.1	22.1	64.6	64.1	67.3	64.4
Wyambah Poll, 140141	31.2	39.4	39.7	8.5	50.9	52.5	21.3	66.2	62.2	67.4	65.9
Average	29.9	38.7	39.7	9.8	52.8	53.2	23.3	67.7	65.3	70.0	67.7

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); A4 = Adult (3.5-4.5 years); A5 = Adult (4.5-5.5 years); A6 = Adult (5.5-6.5 years).

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

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2016 Drop

Raw Data

Carcase Measurements and Condition Scores – F1 Ewes

Breeder's flock, Sire number	EMD (mm)						FAT (mm)						Condition Scores						
	Post Weaning	Adult2 Pre Joining	Adult3 Pre Joining	Adult4 Pre Joining	Adult5 Pre Joining	Adult6 Pre Joining	Post Weaning	Adult2 Pre Joining	Adult3 Pre Joining	Adult4 Pre Joining	Adult5 Pre Joining	Adult6 Pre Joining	Yearling	Hogget	Adult2 Pre Joining	Adult3 Pre Joining	Adult4 Pre Joining	Adult5 Pre Joining	Adult6 Pre Joining
	27/03/17	21/12/17	30/01/19	30/01/20	28/01/21	24/01/22	27/03/17	21/12/17	30/01/19	30/01/20	28/01/21	24/01/22	09/05/17	29/09/17	21/12/17	30/01/19	30/01/20	28/01/21	24/01/22
Billandri Poll, 130641	21.4	24.3	27.1	25.4	25.7	23.5	1.8	2.2	2.8	4.1	4.1	3.5	2.9	2.9	3.1	3.3	2.9	3.0	2.9
Boolading Blues Poll, 120708	22.5	25.0	28.6	24.8	25.4	23.4	1.8	2.0	2.7	2.9	3.8	2.9	2.8	2.8	3.0	3.4	2.6	2.9	2.8
Claypans Poll, 130597	20.4	23.8	27.0	26.5	27.0	24.3	1.6	2.0	2.9	4.7	4.7	4.1	2.9	2.9	3.1	3.3	3.0	3.1	3.1
East Mundulla, 090137 (Jonty)	20.2	22.9	26.3	24.6	25.7	23.0	1.5	1.8	2.7	3.4	4.0	3.0	2.8	2.7	2.8	3.3	2.7	2.7	2.6
Ejanding Poll, 145096	20.9	23.8	27.7	25.1	26.4	24.9	1.6	2.1	3.4	4.6	5.0	4.2	3.0	2.9	3.1	3.5	3.2	3.3	3.1
Haddon Rig, 2.715	21.0	22.5	26.1	23.5	25.3	24.0	1.6	1.8	2.6	3.4	3.9	3.0	2.9	2.8	2.8	3.1	2.7	2.9	2.7
Hazeldean, 11.43	21.0	24.0	27.7	25.0	26.5	25.4	1.6	2.0	3.3	4.1	4.3	4.1	2.8	2.9	3.0	3.4	3.1	3.2	3.2
Ingle Poll, 130387	21.8	25.0	28.2	26.9	26.7	26.2	1.9	2.3	4.1	4.7	4.6	4.7	3.1	2.9	3.2	3.7	3.2	3.3	3.2
Leahcim Poll, 090918	20.6	23.2	26.4	24.9	25.1	23.9	1.6	1.9	2.6	3.2	3.9	2.9	2.8	2.8	2.9	3.2	2.9	3.0	2.9
Merinotech WA Poll, 100081	21.5	24.0	27.2	26.3	26.9	25.7	1.8	2.2	3.1	5.5	5.2	4.9	3.0	2.9	3.1	3.4	3.2	3.3	3.2
Moojepin, 140377	21.5	25.0	27.9	25.7	26.8	24.8	1.8	2.3	3.0	4.4	4.6	3.9	2.9	2.9	3.0	3.3	3.2	3.2	3.0
One Oak No. 2, R56	20.3	23.2	26.4	24.4	25.6	23.1	1.6	2.0	2.7	3.1	4.0	3.0	2.8	2.8	2.9	3.2	2.7	2.7	2.6
Rhamily Poll, 110330 (Benny)	21.9	23.6	27.4	26.5	26.0	26.6	1.7	2.0	2.8	3.5	4.2	3.9	2.9	2.9	3.0	3.2	2.9	3.1	3.1
West Plains Poll, 110004 (Mercenary)	20.5	22.7	25.7	24.5	26.0	23.2	1.6	1.9	2.5	4.0	4.0	3.3	2.9	2.7	2.8	3.2	2.9	2.9	2.7
Wyambah Poll, 140141	22.1	24.3	28.6	26.5	27.7	25.8	1.8	2.0	3.2	4.0	4.7	4.4	3.0	2.9	3.1	3.5	3.1	3.4	3.2
Average	21.1	23.8	27.2	25.4	26.1	24.5	1.7	2.0	3.0	4.0	4.3	3.7	2.9	2.8	3.0	3.3	3.0	3.1	2.9

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); A4 = Adult (3.5-4.5 years); A5 = Adult (4.5-5.5 years); A6 = Adult (5.5-6.5 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.

2016 Drop

Raw Data

Visual Scores – Breech and Conformation – F1 Ewes

Breeders flock, Sire number	Breech															Conformation																	
	BRWR					BCOV					DAG					BDWR					LEGS					FACE							
	M	A2	A2*	A4	A5	M	A2	A2*	A3	A4	A5	H	A2	A3	A4	A5	P	A2	A2*	A4	A5	P	A2	A2*	A3	A4	A5	P	A2	A2*	A3	A4	A5
Billandri Poll, 130641	2.3	2.1	1.6	2.1	2.2	2.3	3.0	3.4	2.9	3.3	3.1	2.4	2.2	1.6	2.5	3.7	1.7	1.7	2.0	2.7	2.3	2.6	2.2	2.4	2.3	2.4	1.6	1.3	1.7	1.2	2.3	2.4	2.8
Boolading Blues Poll, 120708	2.2	1.8	1.6	1.6	1.9	2.5	3.1	3.2	2.6	3.4	2.4	1.5	1.8	1.5	2.3	3.3	1.7	1.7	1.5	2.3	2.2	2.7	2.1	2.2	2.0	1.7	1.2	1.2	1.4	1.2	2.3	2.4	2.7
Claypans Poll, 130597	2.9	2.1	2.3	2.5	2.5	2.3	3.0	3.9	3.5	4.3	3.0	1.2	1.3	1.5	2.0	3.1	1.7	1.7	1.5	2.3	2.2	2.7	2.1	2.2	2.0	1.7	1.2	1.3	1.7	1.2	2.2	2.5	2.9
East Mundulla, 090137 (Jonty)	2.6	2.0	2.0	1.7	2.1	3.0	3.0	3.5	3.5	3.7	2.9	1.7	1.6	1.7	2.6	2.6	1.8	1.7	1.7	2.1	1.4	2.4	2.0	1.7	2.1	1.9	1.2	1.6	1.8	1.1	2.5	2.5	2.8
Ejanding Poll, 145096	2.1	1.4	1.2	1.3	1.5	2.3	3.0	3.2	2.4	2.4	2.3	1.4	1.3	1.4	2.1	2.4	1.4	1.1	1.2	1.7	1.4	2.4	2.3	2.3	2.3	2.1	1.4	1.3	1.6	1.0	2.1	2.3	2.7
Haddon Rig, 2.715	2.1	1.9	1.9	1.7	2.0	2.6	2.9	3.8	3.5	3.5	3.2	1.9	2.4	1.9	2.6	3.9	1.6	1.2	1.5	1.9	1.6	2.5	2.5	2.1	2.2	2.2	1.4	2.2	2.6	1.5	2.6	2.5	2.8
Hazeldean, 11.43	2.5	2.0	1.9	2.2	2.4	2.7	3.0	3.2	3.1	3.6	3.1	1.6	1.4	1.4	2.2	3.5	1.8	1.9	2.0	2.1	2.3	2.5	2.3	1.9	2.2	2.2	1.1	1.6	2.0	1.3	2.6	2.5	2.8
Ingle Poll, 130387	2.1	1.6	1.7	1.9	2.0	2.3	3.0	3.7	3.0	3.2	2.9	1.7	1.2	1.4	2.3	3.0	1.4	1.5	1.8	1.7	1.8	2.5	2.2	2.2	2.1	2.4	1.4	1.4	1.7	1.1	2.3	2.1	2.5
Leahcim Poll, 090918	1.7	1.6	1.3	1.5	1.7	2.3	3.1	3.3	2.8	2.9	2.7	1.4	1.5	1.4	2.1	3.4	1.2	1.1	1.2	1.6	1.7	2.5	2.0	2.1	2.2	2.1	1.1	1.5	1.6	1.1	2.1	2.4	2.5
Merinotech WA Poll, 100081	2.7	2.0	1.7	2.0	2.0	2.4	2.9	3.4	2.6	2.9	2.6	1.5	1.5	1.4	2.1	2.5	1.9	1.8	1.9	2.3	2.0	2.8	2.2	2.2	2.5	2.5	1.4	1.5	1.9	1.2	2.2	2.4	2.6
Moojepin, 140377	1.9	1.3	1.2	1.6	1.4	2.4	2.8	3.4	3.3	2.9	2.8	1.1	1.2	1.2	2.0	2.6	1.3	1.1	1.3	1.5	1.6	2.5	2.2	2.1	2.3	2.4	1.8	1.1	1.3	1.0	1.9	2.2	2.2
One Oak No. 2, R56	2.6	2.2	2.1	2.1	2.4	2.8	3.3	3.8	3.8	4.0	3.4	1.4	1.7	1.6	2.6	3.5	2.2	1.7	1.7	2.1	1.8	2.4	2.3	2.0	2.1	1.7	1.3	1.8	2.1	1.5	2.6	2.6	2.8
Rhamily Poll, 110330 (Benny)	2.3	1.5	1.6	1.3	1.6	2.6	3.1	3.5	3.8	3.6	3.4	1.2	1.4	1.5	2.3	2.7	1.6	1.3	1.7	1.7	1.3	2.4	2.2	2.1	2.3	2.0	1.1	1.5	1.7	1.2	2.3	2.4	2.7
West Plains Poll, 110004 (Mercenary)	2.6	2.0	1.8	1.7	2.1	2.8	3.2	3.7	3.7	3.8	3.5	1.3	1.4	1.8	2.6	3.6	1.8	1.6	1.4	2.0	2.2	2.5	2.4	2.0	2.2	1.9	1.1	1.9	2.4	1.5	2.6	2.6	3.0
Wyambeh Poll, 140141	1.7	1.8	1.4	2.0	2.0	2.5	3.2	3.8	3.8	3.9	3.3	1.5	1.3	1.4	2.2	2.8	1.3	1.5	1.5	2.4	2.0	2.5	2.0	2.1	2.2	2.2	1.4	1.1	1.4	1.0	2.0	2.1	2.2
Average	2.3	1.8	1.7	1.8	2.0	2.5	3.1	3.5	3.2	3.3	3.0	1.6	1.6	1.5	2.3	3.1	1.6	1.5	1.6	2.0	1.9	2.5	2.2	2.1	2.2	2.1	1.3	1.5	1.8	1.2	2.3	2.4	2.7

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); A4 = Adult (3.5-4.5 years); A5 = Adult (4.5-5.5 years)); A6 = Adult (5.5-6.5 years).

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2016 Drop

Raw Data

Visual Scores – Wool Quality – F1 Ewes

Breeders flock, Sire number	Wool Quality																										
	COL						FLROT						DUST						WEATH			CHAR					
	P	A2	A2*	A3	A4	A5	P	A2	A2*	A3	A4	A5	P	A2	A2*	A3	A4	A5	P	A2	A2*	P	A2	A2*	A3	A4	A5
Billandri Poll, 130641	2.7	2.9	2.1	2.2	2.9	2.2	1.2	1.0	1.5	1.0	1.0	1.1	2.5	2.3	1.6	3.0	2.9	2.8	2.5	2.5	1.7	2.7	2.8	3.0	2.7	2.7	2.8
Boolading Blues Poll, 120708	2.9	3.1	3.0	2.7	3.2	2.3	1.3	1.0	2.0	1.0	1.0	1.3	2.9	3.0	1.7	3.2	2.8	2.8	2.6	2.8	2.0	3.1	3.4	3.5	2.9	3.1	2.9
Claypans Poll, 130597	2.8	2.5	2.3	2.3	2.7	2.2	1.5	1.0	1.6	1.0	1.0	1.0	2.5	2.2	1.6	2.9	2.6	2.6	2.4	2.3	1.4	2.7	2.7	3.0	2.6	2.7	2.7
East Mundulla, 090137 (Jonty)	2.9	2.9	2.3	2.4	2.6	2.1	1.6	1.0	1.9	1.1	1.0	1.3	2.6	2.6	1.3	3.0	2.4	2.8	2.9	2.7	2.0	2.5	2.3	2.7	2.3	2.4	2.7
Ejanding Poll, 145096	2.7	3.1	2.1	2.6	2.8	2.2	1.5	1.0	1.8	1.0	1.0	1.1	2.7	2.9	1.7	3.4	2.7	3.0	2.9	2.7	2.0	2.2	2.6	2.8	2.7	2.6	2.9
Haddon Rig, 2.715	2.8	2.8	2.1	2.4	2.8	2.1	1.4	1.0	1.5	1.0	1.0	1.3	2.6	2.6	1.1	3.2	2.7	3.0	3.0	2.5	1.4	2.7	2.6	2.9	2.8	2.7	2.8
Hazeldean, 11.43	2.4	2.9	1.8	2.3	2.6	2.2	1.1	1.0	1.4	1.0	1.0	1.0	2.3	2.6	1.2	3.2	2.7	2.6	2.4	2.5	1.3	2.4	2.8	2.9	2.6	2.5	2.6
Ingle Poll, 130387	3.0	2.9	2.3	2.6	3.0	2.4	1.6	1.0	1.7	1.1	1.0	1.3	2.7	2.5	1.4	3.2	2.9	3.1	2.6	2.6	1.7	2.6	2.9	3.1	3.1	2.9	3.0
Leahcim Poll, 090918	2.5	2.7	1.9	2.4	2.6	2.2	1.1	1.0	1.3	1.0	1.0	1.0	2.6	2.9	1.4	3.2	2.6	2.9	2.5	2.7	1.9	2.4	2.6	2.8	2.6	2.5	2.7
Merinotech WA Poll, 100081	2.6	2.5	1.3	2.2	2.8	2.1	1.0	1.0	1.3	1.0	1.0	1.1	2.4	2.4	1.3	3.1	2.9	2.9	2.2	2.4	1.6	2.6	3.1	3.0	2.8	2.9	2.7
Moojepin, 140377	2.7	3.2	2.4	2.7	2.8	2.2	1.1	1.0	1.8	1.0	1.0	1.0	3.1	3.1	1.8	3.1	2.7	3.0	2.9	3.0	2.2	2.7	3.2	3.2	2.8	2.8	2.9
One Oak No. 2, R56	2.6	2.9	2.4	2.3	2.9	2.2	1.4	1.0	1.7	1.0	1.0	1.1	2.3	2.4	1.2	2.8	2.8	2.8	2.4	2.6	1.4	2.8	2.9	3.4	2.6	2.8	3.0
Rhamily Poll, 110330 (Benny)	2.6	2.7	2.1	2.5	2.8	2.2	1.3	1.0	1.8	1.0	1.0	1.2	2.4	2.5	1.3	3.1	2.4	2.9	2.5	2.5	1.7	2.3	2.6	2.7	2.8	2.6	2.7
West Plains Poll, 110004 (Mercenary)	2.2	2.3	1.6	2.2	2.7	2.3	1.0	1.0	1.2	1.0	1.0	1.2	2.2	2.3	1.1	3.0	2.7	2.9	2.3	2.4	1.3	2.2	2.1	2.6	2.4	2.6	2.8
Wyambeh Poll, 140141	2.9	2.6	1.8	2.2	2.8	2.4	1.3	1.0	1.5	1.0	1.0	1.3	3.1	2.7	1.4	3.1	2.7	2.9	2.9	2.8	1.9	3.2	3.5	3.5	2.9	2.6	2.9
Average	2.7	2.8	2.1	2.4	2.8	2.2	1.2	1.0	1.6	1.0	1.0	1.2	2.6	2.6	1.4	3.1	2.8	2.9	2.5	2.6	1.7	2.5	2.8	3.0	2.8	2.7	2.8

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); A4 = Adult (3.5-4.5 years); A5 = Adult (4.5-5.5 years); A6 = Adult (5.5-6.5 years).

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

*** Changeover to a December shearing (previously March) resulted in second Adult2 assessment.**

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.

2016 Drop

Raw Data

Professional Classer Grade – F1 Ewes

Classer: Nathan King

Results are ewe numbers as classed into each grade.

Breeders flock, Sire number	Post Weaning 15/03/17					Adult2 05/03/18					Adult2* 26/11/18					Adult3 25/11/19					Adult4 18/11/20					Adult5 29/11/21						
	Top	Stud	Flock	Sale	Cull	Top	Stud	Flock	Sale	Cull	Top	Stud	Flock	Sale	Cull	Top	Stud	Flock	Sale	Cull	Top	Stud	Flock	Sale	Cull	Top	Stud	Flock	Sale	Cull		
Billandri Poll, 130641	9	13	11	2		2	17	4	7		1	5	15	7	6		6	19	4	2		1	19	4	6		1	2	18	5	3	
Boolading Blues Poll, 120708	3	5	13			2	8	7	4				7	3	9			10	3	6		1	6	4	7			5	6	7		
Claypans Poll, 130597	1	7	4	1		2	3	6	2		1	1	9	2			2	7	2	1		1	3	6	1			8	1	1		
East Mundulla, 090137 (Jonty)	2	5	9	10	2	4	5	6	8	5	4	1	5	9	6		3	2	8	6	3	3	3	10	2	2	1	2	10	2	3	
Ejanding Poll, 145096		2	18	10	4		4	16	7	6			3	14	9	7		1	2	16	11	3	1	2	15	5	9	1	2	16	3	8
Haddon Rig, 2.715		1	8	7	3		3	9	2	4			2	9	4	3		3	9	4	2		1	2	10	4	1		1	12	3	2
Hazeldean, 11.43	3	6	10	2		2	5	12	1	1	5	5	8	1	1		2	3	11	3	1		3	11	4	2	1	4	9	4	1	
Ingle Poll, 130387		1	13	11	1		3	12	6	4			14	9	2				7	10	8			7	12	5			9	6	6	
Leahcim Poll, 090918	1	4	17	8	3	1	6	16	6	5		6	18	6	3		1	1	19	8	2		4	17	7	2		4	18	6	1	
Merinotech WA Poll, 100081		4	20	9	3		1	5	12	9	6		3	14	8	8		2	13	7	6		1	12	7	5		1	12	3	5	
Moojepin, 140377		2	9	8	3		2	10	6	3		1	8	10	2			1	10	6	4		1	5	11	3		1	10	4	5	
One Oak No. 2, R56		5	11	9	5		2	7	14	3	3	4	2	14	4	5		2	3	11	10	2	1	3	16	4	3		3	15	6	3
Rhamily Poll, 110330 (Benny)	3	5	10	4		1	5	12	2	1		3	11	4	2		3	1	12	4	1		1	3	12	2	1		2	14	1	1
West Plains Poll, 110004 (Mercenary)	1	9	10	5	4	1	6	12	6	2	1	6	11	5	2		1	6	13	4			2	3	13	4	2	2	1	11	3	6
Wyambeh Poll, 140141			11	11	1		1	7	8	7		2	8	8	4		1	3	8	8	2		2	12	5	3		1	1	13	3	3
Total	10	57	171	122	32	14	59	169	77	58	16	40	165	89	60	14	35	173	90	43	10	32	171	75	52	7	24	180	56	55		
	3%	15%	43%	31%	8%	4%	16%	45%	20%	15%	4%	11%	45%	24%	16%	4%	10%	49%	25%	12%	3%	9%	50%	22%	15%	2%	8%	56%	17%	17%		

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 36 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.

*** Changeover to a December shearing (previously March) resulted in second Adult2 assessment.**

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.

2016 Drop

Raw Data

Reproduction in 2021 – Adult5 Stage

8 rams were used in a syndicate and naturally joined to the F1 ewes on February 1, 2021 and removed on March 9, 2021.

Breeders flock, Sire number	Ewes Joined	Pregnancy Scanning 22/04/21					F2 Progeny Weaning - Lamb Numbers 21/09/21							
		Empty	Ewe Numbers			Number	Foetus	Single	Twin	Triplet	Number	Survival ²	Weaning Rate ³	Kg lambs weaned/No. ewes joined ⁴
Billandri Poll, 130641	30	3	12	15		42	140%	15	24		39	93%	130%	34.9
Boolading Blues Poll, 120708	18		3	15		33	183%	5	26		31	94%	172%	46.1
Claypans Poll, 130597	11	1	3	7		17	155%	5	8		13	76%	118%	28.5
East Mundulla, 090137 (Jonty)	21	3	6	12		30	143%	12	10		22	73%	105%	28.6
Ejanding Poll, 145096	32	1	13	18		49	153%	13	28		41	84%	128%	32.1
Haddon Rig, 2.715	18	1	4	13		30	167%	8	14		22	73%	122%	31.9
Hazeldean, 11.43	20	2	7	11		29	145%	10	10		20	69%	100%	27.1
Ingle Poll, 130387	24	1	2	20	1	45	188%	5	24	3	32	71%	133%	32.7
Leahcim Poll, 090918	30		16	14		44	147%	15	24		39	89%	130%	35.1
Merinotech WA Poll, 100081	25	1	9	15		39	156%	10	20		30	77%	120%	28.9
Moojepin, 140377	20	1	8	11		30	150%	11	14		25	83%	125%	32.8
One Oak No. 2, R56	27	1	6	20		46	170%	11	30		41	89%	152%	36.1
Rhamily Poll, 110330 (Benny)	19	3	2	14		30	158%	8	10		18	60%	95%	25.5
West Plains Poll, 110004 (Mercenary)	24	1	9	14		37	154%	15	14		29	78%	121%	29.7
Wyambah Poll, 140141	22	1	8	12	1	35	159%	7	12	3	22	63%	100%	26.2
Total	341	20	108	211	2	536	157%	150	268	6	424	79%	124%	32.0
		6%	32%	62%	1%			35%	64%	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

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

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.

Reproduction Flock Breeding Values are reported on page 38.

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.

2016 Drop

Raw Data

Reproduction in 2020 – Adult4 Stage

8 rams were used in a syndicate and naturally joined to the F1 ewes on February 3, 2020 and removed on March 9, 2020.

Breeders flock, Sire number	Ewes Joined	Pregnancy Scanning 24/04/20					F2 Progeny Weaning - Lamb Numbers 29/09/20					Kg lambs weaned/No. ewes joined ⁴		
		Empty	Ewe Numbers			Number Foetuses	Foetus Rate ¹	Single	Twin	Triplet	Number Lambs		Survival ²	Weaning Rate ³
Billandri Poll, 130641	32		13	19		51	159%	15	28		43	84%	134%	39.3
Boolading Blues Poll, 120708	19		5	14		33	174%	7	22		29	88%	153%	46.3
Claypans Poll, 130597	12		4	8		20	167%	6	8		14	70%	117%	28.0
East Mundulla, 090137 (Jonty)	22	4	13	5		23	105%	13	8		21	91%	95%	28.8
Ejanding Poll, 145096	33		15	18		51	155%	20	24		44	86%	133%	39.7
Haddon Rig, 2.715	18	2	8	7	1	25	139%	10	10	3	23	92%	128%	39.4
Hazeldean, 11.43	20		6	14		34	170%	9	18		27	79%	135%	37.5
Ingle Poll, 130387	25		3	22		47	188%	6	36		42	89%	168%	46.4
Leahcim Poll, 090918	32	2	15	15		45	141%	15	26		41	91%	128%	37.1
Merinotech WA Poll, 100081	29		11	16	2	49	169%	12	18		30	61%	103%	29.2
Moojepin, 140377	21		13	8		29	138%	14	12		26	90%	124%	37.8
One Oak No. 2, R56	27	1	9	17		43	159%	11	26		37	86%	137%	39.4
Rhamily Poll, 110330 (Benny)	21	1	8	12		32	152%	8	18		26	81%	124%	36.5
West Plains Poll, 110004 (Mercenary)	24		15	9		33	138%	18	12		30	91%	125%	36.1
Wyambah Poll, 140141	22	3	8	11		30	136%	10	16		26	87%	118%	34.2
Total	357	13 4%	146 41%	195 54%	3 1%	545	153%	174 38%	282 61%	3 1%	459	84%	129%	37.3

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

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

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.

Reproduction Flock Breeding Values are reported on page 38.

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.

2016 Drop

Raw Data

Reproduction in 2019 – Adult3 Stage

8 rams were used in a syndicate and naturally joined to the F1 ewes on January 31, 2019 and were removed on March 7, 2019.

Breeders flock, Sire number	Ewes Joined	Pregnancy Scanning 29/04/19					F2 Progeny Weaning - Lamb Numbers 07/10/19							
		Empty	Ewe Numbers		Number	Foetus	Single	Twin	Triplet	Lambs	Survival ²	Weaning Rate ³	Kg lambs weaned/No. ewes joined ⁴	
Billandri Poll, 130641	32		17	15		47	147%	22	18		40	85%	125%	38.8
Boolading Blues Poll, 120708	20	1	6	13		32	160%	6	22		28	88%	140%	40.6
Claypans Poll, 130597	13	2	7	4		15	115%	7	2		9	60%	69%	19.8
East Mundulla, 090137 (Jonty)	25	1	15	9		33	132%	17	8		25	76%	100%	30.5
Ejanding Poll, 145096	33		20	13		46	139%	22	20		42	91%	127%	38.8
Haddon Rig, 2.715	18	2	8	8		24	133%	10	12		22	92%	122%	35.8
Hazeldean, 11.43	20		8	11	1	33	165%	13	10		23	70%	115%	37.2
Ingle Poll, 130387	25		5	20		45	180%	11	24		35	78%	140%	41.1
Leahcim Poll, 090918	33		25	8		41	124%	24	10		34	83%	103%	32.4
Merinotech WA Poll, 100081	33	1	13	19		51	155%	13	18		31	61%	94%	26.3
Moojepin, 140377	22		8	14		36	164%	14	14		28	78%	127%	36.9
One Oak No. 2, R56	30	1	15	13	1	44	147%	15	18	3	36	82%	120%	34.3
Rhamily Poll, 110330 (Benny)	21	1	8	12		32	152%	12	14		26	81%	124%	37.9
West Plains Poll, 110004 (Mercenary)	26	3	14	9		32	123%	18	6		24	75%	92%	29.0
Wyambah Poll, 140141	22	3	10	9		28	127%	11	16		27	96%	123%	34.2
Total	373	15	179	177	2	539	145%	215	212	3	430	80%	115%	34.4
		4%	48%	47%	1%			50%	49%	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

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

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.

Reproduction Flock Breeding Values are reported on page 38.

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.

2016 Drop

Raw Data

Reproduction in 2018 - Adult2 Stage (Maiden)

9 rams were used in a syndicate and naturally joined to the F1 ewes on January 3, 2018 and were removed on February 7, 2018.

Breeders flock, Sire number	Ewes Joined	Pregnancy Scanning Count 23/03/18				F2 Progeny Weaning - Lamb Numbers 29/08/18						
		Ewe Numbers			Number Foetuses	Foetus Rate ¹	Single	Twin	Number Lambs	Survival ²	Weaning Rate ³	Kg lambs weaned/No. ewes joined ⁴
Empty	Single	Twin	Single	Twin								
Billandri Poll, 130641	33		28	5	38	115%	27	8	35	92%	106%	30.9
Boolading Blues Poll, 120708	21	1	13	7	27	129%	15	6	21	78%	100%	28.5
Claypans Poll, 130597	13	1	7	5	17	131%	7	8	15	88%	115%	28.8
East Mundulla, 090137 (Jonty)	28	2	24	2	28	100%	23	2	25	89%	89%	24.6
Ejanding Poll, 145096	33	2	29	2	33	100%	28	4	32	97%	97%	27.7
Haddon Rig, 2.715	18	2	12	4	20	111%	12	6	18	90%	100%	27.2
Hazeldean, 11.43	21	2	11	8	27	129%	7	10	17	63%	81%	20.6
Ingle Poll, 130387	25	1	16	8	32	128%	14	14	28	88%	112%	29.6
Leahcim Poll, 090918	33	2	27	4	35	106%	24	6	30	86%	91%	25.0
Merinotech WA Poll, 100081	34	1	23	10	43	126%	23	14	37	86%	109%	28.1
Moojepin, 140377	22	1	15	6	27	123%	17	6	23	85%	105%	30.1
One Oak No. 2, R56	29	1	23	5	33	114%	24	6	30	91%	103%	28.3
Rhamily Poll, 110330 (Benny)	21		16	5	26	124%	15	4	19	73%	90%	25.3
West Plains Poll, 110004 (Mercenary)	27	2	23	2	27	100%	16		16	59%	59%	18.5
Wyambah Poll, 140141	22	3	14	5	24	109%	16	2	18	75%	82%	23.2
Total	380	21 6%	281 74%	78 20%	437	115%	268 74%	96 26%	364	83%	96%	26.5

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

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

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.

Reproduction Flock Breeding Values are reported on page 38.

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.

2016 Drop

Adjusted Sire Means Wool

Wool Growth in Months			
Post Weaning	9.5	Adult2	12
Adult2*	7.5	Adult3	12
Adult4	12	Adult5	12

Breeders flock, Sire number	GFW (kg)					CFW (kg)					FD (µm)					FDCV (%)					SL (mm)					SS (Nktex)										
	P	A2	A2*	A3	A4	A5	P	A2	A2*	A3	A4	A5	P	A2	A2*	A3	A4	A5	P	A2	A2*	A3	A4	A5	P	A2	A2*	A3	A4	A5	P	A2	A2*	A3	A4	A5
Billandri Poll, 130641	3.0	6.6	4.1	5.8	5.7	5.4	1.9	4.1	3.0	3.9	3.9	4.0	16.8	18.0	19.1	18.1	18.8	19.0	19.3	16.3	16.8	17.5	17.2	17.4	76.8	117.4	78.4	101.4	101.2	101.0	41.9	25.5	35.4	27.0	36.8	33.5
Boolading Blues Poll, 120708	3.3	6.4	4.3	6.0	5.8	5.4	2.3	4.2	3.3	4.2	4.0	3.9	18.7	21.0	22.6	20.9	21.9	22.2	19.6	16.1	16.8	18.1	17.2	16.7	85.4	123.8	83.8	110.8	110.1	107.6	42.9	26.6	35.4	27.2	36.4	41.5
Claypans Poll, 130597	2.7	5.9	3.8	5.7	5.2	4.9	1.8	4.0	3.0	4.2	3.9	3.9	16.7	18.3	20.4	19.5	19.5	20.2	17.6	14.9	15.9	16.4	17.4	16.5	67.0	111.2	76.6	102.0	100.2	100.5	46.1	30.2	37.0	33.2	34.1	36.3
East Mundulla, 090137 (Jonty)	2.9	6.3	4.2	6.5	6.2	5.3	1.9	4.0	3.2	4.6	4.4	3.9	16.7	18.2	20.1	19.1	19.6	19.3	20.7	18.0	18.4	18.3	18.8	18.4	70.6	109.2	77.9	104.2	102.8	100.8	37.2	21.0	32.0	25.6	29.1	29.6
Ejanding Poll, 145096	2.8	6.0	3.8	5.5	5.0	4.5	1.9	3.9	2.9	3.9	3.6	3.4	17.3	18.9	20.6	19.6	20.0	19.9	17.2	15.4	15.6	16.0	16.0	15.2	80.7	121.7	83.4	110.6	108.4	105.3	50.8	29.5	38.9	32.4	37.1	38.3
Haddon Rig, 2.715	3.1	6.3	4.2	5.7	5.7	5.3	2.0	4.1	3.2	4.2	4.1	4.1	17.3	18.5	20.5	19.1	19.5	19.8	19.8	16.5	16.8	17.9	17.5	17.6	75.5	114.3	79.3	101.3	101.4	102.2	43.1	28.4	36.5	28.8	33.0	35.1
Hazeldean, 11.43	3.1	6.3	4.3	5.9	5.5	5.4	2.1	4.0	3.2	3.9	3.7	3.9	16.6	17.9	20.1	18.5	18.9	19.9	20.0	16.1	16.5	17.5	17.5	16.5	80.1	121.5	81.8	105.0	104.0	105.0	39.5	24.4	36.5	31.1	33.1	37.8
Ingle Poll, 130387	2.8	6.0	3.7	5.2	4.7	4.5	1.7	3.4	2.5	3.2	2.8	2.9	16.3	17.3	18.6	17.5	17.6	18.1	17.9	16.0	16.1	17.3	16.5	16.2	75.6	113.6	78.7	98.6	95.8	98.8	41.1	23.9	35.2	24.6	29.7	33.6
Leahcim Poll, 090918	2.6	5.4	3.5	5.1	4.8	4.5	1.8	3.4	2.5	3.4	3.2	3.2	16.6	17.6	19.4	18.6	18.7	19.0	18.2	15.1	15.4	16.6	16.5	16.6	82.9	121.5	85.1	109.2	107.7	109.6	44.6	26.5	36.8	29.3	33.1	33.9
Merinotech WA Poll, 100081	2.8	5.9	3.5	5.2	5.0	4.5	1.9	3.8	2.6	3.5	3.3	3.2	17.2	18.2	19.1	18.1	18.4	18.4	18.5	14.7	15.0	15.7	15.5	15.7	78.6	117.6	78.1	99.0	96.5	95.9	44.0	31.0	40.4	30.7	37.2	35.2
Moojepin, 140377	2.7	5.5	3.7	4.9	4.6	4.4	1.8	3.4	2.7	3.3	3.2	3.2	17.3	18.8	20.2	19.1	19.8	20.0	19.7	16.2	17.0	17.9	17.2	17.1	86.7	130.3	87.1	113.1	109.2	110.2	36.0	22.0	32.8	23.8	33.8	38.2
One Oak No. 2, R56	3.0	6.5	4.5	6.2	6.0	5.3	2.0	4.1	3.3	4.3	4.1	3.9	16.4	17.5	19.8	18.2	18.7	18.4	21.4	18.4	18.3	19.4	19.3	19.3	72.7	111.4	79.5	102.0	100.6	100.0	37.1	20.4	29.9	24.1	29.7	28.3
Rhamily Poll, 110330 (Benny)	2.9	6.2	4.1	5.5	5.2	4.8	2.0	4.0	3.0	3.6	3.5	3.4	17.2	18.4	19.9	18.7	18.5	18.7	18.7	15.1	15.5	17.2	16.2	16.7	72.2	111.7	77.3	99.4	96.5	94.6	44.6	28.6	37.1	31.1	32.7	36.2
West Plains Poll, 110004 (Mercenary)	2.9	6.0	4.2	5.7	5.5	5.2	1.9	3.9	3.2	4.0	3.8	3.9	16.8	18.0	20.2	18.7	19.2	19.5	19.6	16.3	16.9	18.2	17.7	17.4	75.0	111.1	79.9	103.3	103.6	101.7	41.5	22.8	33.9	25.3	29.5	32.4
Wyambah Poll, 140141	2.7	5.6	3.7	4.9	5.0	4.6	1.8	3.5	2.7	3.3	3.4	3.3	17.2	19.0	21.0	19.5	20.5	20.6	19.8	15.1	15.5	16.2	16.6	15.8	85.6	126.7	85.2	110.8	108.5	107.9	35.3	30.2	38.3	32.4	36.5	36.1
Average	2.9	6.0	3.9	5.6	5.3	4.9	1.9	3.8	2.9	3.8	3.6	3.6	17.0	18.3	20.0	18.8	19.2	19.4	19.2	16.0	16.4	17.3	17.1	16.9	77.9	117.5	80.9	104.8	103.2	103.0	41.9	25.9	35.8	28.3	33.5	34.8

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); A4 = Adult (3.5-4.5 years); A5 = Adult (4.5-5.5 years)); A6 = Adult (5.5-6.5 years).

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

*** Changeover to a December shearing (previously March) resulted in second Adult2 assessment.**

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), differences in progeny group sizes and dam age.

2016 Drop

Adjusted Sire Means Weight and Carcase

Breeders flock, Sire number	WT (kg)										EMD (mm)						FAT (mm)						Condition Scores					
	W	P	Y	H	A2	A3	A4	A5	A6		P	A2	A3	A4	A5	A6	P	A2	A3	A4	A5	A6	Y	H	A2	A3	A4	A5
Billandri Poll, 130641	30.3	39.2	40.2	54.4	54.4	68.3	66.9	71.3	66.9	21.4	24.4	27.1	25.4	25.7	23.5	1.8	2.2	2.9	4.1	4.2	3.6	2.9	2.9	3.1	3.3	2.9	3.0	2.9
Boolading Blues Poll, 120708	31.8	42.0	41.8	55.9	56.9	74.4	67.1	75.1	72.8	22.3	25.0	28.3	24.8	25.4	23.2	1.8	2.0	2.7	3.0	3.9	2.8	2.8	2.8	3.0	3.4	2.6	2.9	2.8
Claypans Poll, 130597	27.4	37.1	38.5	51.3	52.1	67.4	67.2	72.7	68.1	20.4	23.8	27.2	26.7	27.1	24.6	1.6	2.1	3.0	4.9	4.8	4.3	2.9	2.9	3.1	3.4	3.0	3.1	3.2
East Mundulla, 090137 (Jonty)	30.1	38.6	39.8	54.3	53.8	70.2	68.0	74.5	68.7	20.2	22.9	26.2	24.5	25.6	22.9	1.5	1.8	2.7	3.4	3.9	3.0	2.8	2.7	2.8	3.2	2.7	2.7	2.6
Ejanding Poll, 145096	29.3	39.5	40.7	54.1	54.3	67.8	67.1	70.1	68.9	21.0	23.8	27.7	25.2	26.4	24.9	1.7	2.1	3.4	4.6	4.9	4.2	3.0	2.9	3.1	3.5	3.2	3.3	3.1
Haddon Rig, 2.715	30.2	38.7	39.2	52.2	51.3	65.7	62.4	68.4	65.2	21.0	22.5	26.1	23.4	25.3	24.0	1.6	1.8	2.5	3.3	4.0	3.0	2.9	2.8	2.8	3.1	2.7	2.9	2.7
Hazeldean, 11.43	30.9	38.9	39.3	55.4	54.7	70.6	67.1	71.7	71.4	20.8	23.9	27.5	24.9	26.5	25.2	1.6	2.0	3.2	4.1	4.2	4.0	2.8	2.9	3.0	3.4	3.1	3.2	3.2
Ingle Poll, 130387	30.0	40.2	41.2	53.9	55.4	68.7	66.0	68.3	66.6	21.8	24.9	28.2	26.9	26.7	26.2	1.9	2.3	4.1	4.7	4.6	4.8	3.1	2.9	3.2	3.7	3.2	3.3	3.2
Leahcim Poll, 090918	29.1	36.9	38.3	50.4	50.4	65.7	62.1	66.8	65.3	20.6	23.2	26.4	24.9	25.2	24.1	1.6	1.9	2.6	3.3	3.9	2.9	2.8	2.8	2.9	3.2	2.9	3.0	2.9
Merinotech WA Poll, 100081	28.5	37.3	38.5	50.0	50.6	62.5	62.5	65.2	65.0	21.6	24.0	27.2	26.3	26.9	25.8	1.9	2.2	3.1	5.5	5.2	5.0	3.0	2.9	3.1	3.4	3.2	3.2	3.2
Moojepin, 140377	29.2	38.6	40.1	51.9	53.0	65.9	63.8	67.6	66.6	21.4	25.0	27.7	25.6	26.7	24.7	1.8	2.3	3.0	4.4	4.5	3.9	2.9	2.9	3.0	3.3	3.2	3.2	3.0
One Oak No. 2, R56	30.2	37.0	37.5	51.2	52.6	68.2	64.8	70.7	67.2	20.3	23.2	26.3	24.3	25.5	23.1	1.6	2.0	2.7	3.1	4.0	2.9	2.7	2.8	2.9	3.2	2.7	2.7	2.6
Rhamily Poll, 110330 (Benny)	31.7	41.0	42.3	55.4	55.7	72.7	70.4	77.3	75.5	22.0	23.6	27.6	26.5	25.9	26.6	1.7	2.0	2.8	3.5	4.1	3.8	2.9	2.9	3.0	3.2	2.9	3.1	3.1
West Plains Poll, 110004 (Mercenary)	29.6	37.6	38.9	52.0	51.7	65.3	64.6	67.6	64.7	20.6	22.8	25.9	24.6	26.0	23.2	1.6	1.9	2.6	3.9	3.9	3.3	2.9	2.8	2.8	3.2	2.9	2.9	2.7
Wyambeh Poll, 140141	30.3	38.8	39.3	50.4	52.1	65.9	61.7	67.1	65.5	22.0	24.2	28.5	26.4	27.6	25.7	1.7	2.0	3.2	4.0	4.8	4.4	3.0	2.9	3.1	3.5	3.1	3.5	3.2
Average	29.9	38.7	39.7	52.8	53.2	67.7	65.3	70.0	67.7	21.1	23.8	27.2	25.4	26.1	24.5	1.7	2.0	3.0	4.0	4.3	3.7	2.9	2.8	3.0	3.3	3.0	3.1	2.9

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); A4 = Adult (3.5-4.5 years); A5 = Adult (4.5-5.5 years); A6 = Adult (5.5-6.5 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), differences in progeny group sizes and dam age.

2016 Drop

Adjusted Sire Means

Classer's Visual Grade – F1 Ewes

Classer: Preston Clarke (P, A2, A2*), Mitch Crosby (A3, A4, A5)

Breeders flock, Sire number	Progeny No [^]	TOPS (%)						CULLS (%)					
		P	A2	A2*	A3	A4	A5	P	A2	A2*	A3	A4	A5
Billandri Poll, 130641	29	7	-4	-4	-1	3	-4	-5	-5	-7	-5	-2	-2
Boolading Blues Poll, 120708	18	-8	-12	-11	5	-18	2	18	12	13	11	7	10
Claypans Poll, 130597	10	-2	20	-12	15	17	25	-6	-9	-8	-7	-13	-14
East Mundulla, 090137 (Jonty)	18	-17	11	5	28	33	11	14	7	22	-6	-8	-7
Ejanding Poll, 145096	30	-3	-12	-6	-10	17	-4	8	2	6	10	-3	12
Haddon Rig, 2.715	18	-3	-11	-11	-3	-3	1	-1	-12	0	-10	-15	4
Hazeldean, 11.43	19	7	13	37	-6	18	-1	-11	0	-7	-3	-15	-7
Ingle Poll, 130387	21	-8	-6	-24	-17	-18	-9	4	-12	-7	6	33	22
Leahcim Poll, 090918	30	8	-6	-1	4	-11	6	-8	15	-6	-12	-2	-14
Merinotech WA Poll, 100081	22	15	-2	-2	-20	-12	-7	-12	-3	4	17	13	-11
Moojepin, 140377	20	-7	-11	-9	-16	-15	-12	0	21	2	30	31	21
One Oak No. 2, R56	27	2	6	5	4	2	-7	4	-6	-5	-13	-10	-4
Rhamily Poll, 110330 (Benny)	18	8	5	10	10	0	9	-10	-12	-6	-15	-8	-20
West Plains Poll, 110004 (Mercenary)	24	13	22	43	7	2	2	-10	-12	-8	-9	-10	-4
Wyambah Poll, 140141	21	-13	-12	-20	0	-15	-11	16	15	9	6	1	14
Average	22	17	11	27	17	15	14	22	17	15	21	15	25

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); A4 = Adult (3.5-4.5 years); A5 = Adult (4.5-5.5 years); A6 = Adult (5.5-6.5 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.

*** Changeover to a December shearing (previously March) resulted in second Adult2 assessment.**

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 29 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), differences in progeny group sizes and dam age.

2016 Drop

Within-Site and Within-Drop Flock Breeding Values

Wool

Breeders flock, Sire number	Progeny No [^]	PGFW (%)	AGFW (%)	PCFW (%)	ACFW (%)	PFD (μm)	AFD (μm)	PFDCV (%)	AFDCV (%)	PSL (mm)	ASL (mm)	PSS (Nktx)	ASS (Nktx)
Billandri Poll, 130641	57	10	10	5	8	-0.5	-0.9	-0.4	0.3	-2.4	-1.2	-0.8	-0.9
Boolading Blues Poll, 120708	42	21	9	27	12	3.1	4.2	-0.2	-0.5	11.1	13.0	7.2	4.4
Claypans Poll, 130597	29	-3	2	0	11	-0.3	0.3	0.3	0.5	-12.5	-10.3	1.4	2.2
East Mundalla, 090137 (Jonty)	54	7	13	7	15	-0.3	0.2	2.4	2.4	-11.0	-11.6	-8.1	-6.6
Ejanding Poll, 145096	70	-8	-4	2	1	0.3	1.1	-3.6	-2.3	6.1	11.9	10.6	7.6
Haddon Rig, 2.715	40	5	3	8	7	0.1	0.0	0.8	0.7	-3.8	-6.9	-0.9	1.3
Hazeldean, 11.43	45	9	1	7	-2	-1.1	-1.1	0.4	0.3	1.0	1.1	-5.1	-5.2
Ingle Poll, 130387	52	-10	-7	-24	-19	-1.2	-2.0	-1.3	-0.9	-5.9	-5.1	0.7	-1.1
Leahcim Poll, 090918	70	-14	-14	-11	-17	-0.7	-1.1	-1.5	-1.0	7.5	3.4	5.1	1.1
Merinotech WA Poll, 100081	58	-1	-3	-1	-2	0.1	-0.7	-1.9	-2.6	4.2	3.1	5.5	4.9
Moojepin, 140377	49	-12	-10	-14	-13	0.5	0.7	0.7	0.1	14.4	23.2	-4.7	-4.0
One Oak No. 2, R56	67	4	6	2	6	-1.2	-1.9	3.7	3.7	-11.8	-18.5	-9.9	-8.7
Rhamily Poll, 110330 (Benny)	51	-2	1	-1	-1	0.5	0.2	-0.3	-0.8	-10.7	-11.6	1.8	5.1
West Plains Poll, 110004 (Mercenary)	52	0	1	2	4	-0.4	-0.4	0.7	0.7	-2.6	-7.7	1.1	-1.4
Wyambah Poll, 140141	55	-5	-9	-10	-11	1.1	1.5	0.2	-0.6	16.2	17.3	-3.9	1.3

Weight, Carcase and WEC

Breeders flock, Sire number	Progeny No [^]	WWT (kg)	PWT (kg)	YWT (kg)	HWT (kg)	AWT (kg)	PEMD (mm)	YEMD (mm)	HEMD (mm)	PFAT (mm)	YFAT (mm)	HFAT (mm)	HWEC (%)
Billandri Poll, 130641	57	0.5	0.3	0.7	1.9	0.4	0.0	-0.2	0.0	0.4	0.3	0.5	-49
Boolading Blues Poll, 120708	42	1.9	3.9	3.8	4.0	4.3	0.5	0.6	0.3	0.3	0.5	-0.1	17
Claypans Poll, 130597	29	-0.6	-0.5	-0.2	1.0	2.1	0.3	0.7	0.7	0.1	0.3	0.0	43
East Mundalla, 090137 (Jonty)	54	0.1	0.1	1.3	3.0	1.9	-1.6	-2.2	-2.0	-1.0	-1.6	-1.5	99
Ejanding Poll, 145096	70	-0.8	2.0	3.1	3.4	2.1	0.0	0.6	0.3	0.2	0.7	0.2	-96
Haddon Rig, 2.715	40	0.0	-0.7	-1.1	-1.3	-2.6	-0.8	-1.0	-1.1	-0.7	-0.8	-0.9	59
Hazeldean, 11.43	45	1.4	0.2	0.2	3.5	2.0	-0.6	-0.7	0.0	-0.6	-0.6	0.3	7
Ingle Poll, 130387	52	-0.6	-0.1	-1.0	-1.8	-0.7	0.1	0.8	0.5	0.4	0.7	0.4	-71
Leahcim Poll, 090918	70	0.2	-0.7	-0.2	-2.9	-2.4	0.1	-0.1	-0.5	-0.1	-0.6	-0.8	-46
Merinotech WA Poll, 100081	58	-2.2	-2.7	-3.0	-3.3	-3.2	1.9	2.6	2.8	1.3	2.0	2.6	-45
Moojepin, 140377	49	-1.0	-0.6	-0.1	-1.4	-0.5	0.2	0.3	0.2	0.3	0.5	0.6	7
One Oak No. 2, R56	67	0.1	-1.9	-3.1	-2.8	-1.1	-0.6	-1.4	-0.9	-0.5	-1.5	-0.9	143
Rhamily Poll, 110330 (Benny)	51	1.5	2.2	3.4	3.6	3.1	-0.1	-0.5	-0.5	-0.1	-0.5	-0.1	11
West Plains Poll, 110004 (Mercenary)	52	-0.7	-1.1	-2.0	-2.8	-2.5	-0.3	-1.0	-1.1	-0.3	-0.8	-0.8	226
Wyambah Poll, 140141	55	0.3	-0.3	-2.0	-4.1	-2.9	1.0	1.7	1.3	0.4	1.3	0.4	18

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.**

2016 Drop

Within-Site and Within-Drop Flock Breeding Values - Reproduction

Breeders flock, sire number	Ewes Joined ¹	Across Year Results			
		Conception	Litter Size	Ewe Rearing Ability	Weaning Rate
Billandri Poll, 130641	30	0.03	-0.06	0.08	0.11
Boolading Blues Poll, 120708	18	0.02	0.12	0.06	0.22
Claypans Poll, 130597	11	-0.02	0.02	-0.04	-0.08
East Mundulla, 090137 (Jonty)	21	-0.06	-0.12	0.02	-0.13
Ejanding Poll, 145096	32	0.02	-0.09	0.08	0.08
Haddon Rig, 2.715	18	0.00	0.00	0.04	0.06
Hazeldean, 11.43	20	-0.01	0.08	-0.12	-0.14
Ingle Poll, 130387	24	0.03	0.21	-0.02	0.16
Leahcim Poll, 090918	30	0.02	-0.16	0.06	-0.01
Merinotech WA Poll, 100081	25	0.02	0.07	-0.07	-0.03
Moojepin, 140377	20	0.02	-0.03	0.03	0.04
One Oak No. 2, R56	27	0.01	0.04	0.05	0.12
Rhamily Poll, 110330 (Benny)	19	-0.01	0.07	-0.05	-0.05
West Plains Poll, 110004 (Mercenary)	24	-0.02	-0.11	-0.05	-0.19
Wyambeh Poll, 140141	22	-0.06	-0.02	-0.03	-0.14

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

These **Flock Breeding Values** are calculated across all reproduction cycles.

For the MLP project Weaning Rate is derived from the three reproduction component traits

Units / Definitions sourced from Sheep Genetics

Trait Name	Units	Definitions
Conception	Ewes pregnant per ewes joined	The ability of a ewe to get in lamb in comparison to all the ewes in the same joining event.
Litter Size	Lambs per litter	The number of the foetuses a ewe has in comparison to all the ewes that got in lamb.
Ewe Rearing Ability	Lambs weaned per lambs born	The ability of the ewe to rear the lambs that she gives birth to.
Weaning Rate	Lambs weaned per ewes joined	Formerly termed as Number of Lambs Weaned (NLW)

Breeding values for reproduction traits are calculated using a modified version of the MERINOSELECT reproduction model, the analysis uses reproduction data only and does not include correlated body composition traits.

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

Within-Site and Within-Drop MERINOSELECT Indexes

Breeders flock, Sire number	Dual Purpose	Merino Production	Wool Production	Fibre Production	Dual Purpose Plus	Merino Production Plus	Wool Production Plus	Fibre Production Plus
Billandri Poll, 130641	113	118	119	118	133	133	126	130
Boolading Blues Poll, 120708	103	97	112	78	132	111	123	85
Claypans Poll, 130597	109	106	110	106	112	107	108	107
East Mundalla, 090137 (Jonty)	115	114	126	103	86	104	114	92
Ejanding Poll, 145096	114	107	105	106	123	116	111	119
Haddon Rig, 2.715	99	106	110	103	112	120	117	110
Hazeldean, 11.43	101	107	114	107	81	98	102	97
Ingle Poll, 130387	93	87	74	102	104	93	81	109
Leahcim Poll, 090918	91	91	77	97	82	86	78	99
Merinotech WA Poll, 100081	92	103	92	118	115	104	97	118
Moojepin, 140377	87	79	78	77	74	66	73	67
One Oak No. 2, R56	95	100	105	102	112	116	111	107
Rhamily Poll, 110330 (Benny)	114	109	107	103	99	106	104	104
West Plains Poll, 110004 (Mercenary)	96	102	100	103	75	91	93	86
Wyambeh Poll, 140141	77	73	72	75	62	51	62	58

These Indexes were calculated using both the F1 ewe and F1 wether progeny of the sires.

“Plus” Indexes include more traits within their calculations than the “Base” Indexes. Dual Purpose Plus additionally includes reproduction, carcase traits and staple strength. Merino Production Plus additionally includes staple strength and reproduction. Wool Production Plus additionally includes staple strength and reproduction. Fibre Production Plus additionally includes staple strength, worm resistance and reproduction.

MLP indexes include Weaning Rate (WR) which replaces Number of Lambs Weaned (NLW). WR has a higher variance compared to NLW so to achieve the same selection response as NLW, the WR emphasis in indexes has been reduced as per the April 2022 MERINOSELECT analysis updates.

Pingelly Site Committee

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

Brett Jones (Chair)	Dowerin
Lynley Anderson	Kojonup
Steven Bolt	Corrigin
Wayne Button	Tammin
Bronwyn Clarke	Murdoch Uni
Craig Dewar	Broomehill
Richard McKenna	UWA
James Evans	Williams
Mark Allington	Darkan

Murray Hall	Brookton
Ashley Hobbs	Brookton
Nathan King	Arther River
Bill Sandilands	Kendenup
Graeme Martin	UWA
Andrew Thompson	Murdoch Uni
David Thompson	Katanning
Daniel Gooding	Lake Grace
Ashley Herbert	Katanning

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 reported is complemented by sire evaluation site reports published at the completion of the post weaning and the first adult assessment stages.



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

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

For further information about the Pingelly MLP Site
Please contact Bronwyn Clarke, Site Manager, on 0418 957 293 or
bronwyn.clarke@murdoch.edu.au

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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