



**Federation of
Performance Sheep
Breeders
(WA Branch)**



Pingelly Field Day

Wednesday 28th March 2018

2016 and 2017 Drops

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



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Pingelly 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 19um 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 displayed at this field day include **Raw Data, Adjusted Sire Means and Within-Site and Within-Drop Flock Breeding Values (FBVs).**

Term	Definition																
Site Breeding Objective:	The 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 data which is unadjusted for birth type, rear type, age of dam, age of measurement or management group. No account is made for trait heritability and genetic correlations between traits.																
Adjusted Sire Means:	Sire means are the average performance of all the progeny of a sire adjusted for an individual's sex, birth type, rear type, age of dam, age of measurement and management group in order to improve the accuracy of the result. The information used for the adjustment is based on the actual 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 at this field day 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 for 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.																
The three types of data presented in this report have been chosen to be inclusive of the woolgrower demand for diverse data requirements.																	
Age at assessment:	<table border="0" style="width: 100%;"> <tr> <td>M = Marking</td> <td>- 14 to 42 days</td> <td>Y = Yearling</td> <td>- 300 to 400 days</td> </tr> <tr> <td>W = Weaning</td> <td>- 42 to 120 days</td> <td>H = Hogget</td> <td>- 400 to 540 days</td> </tr> <tr> <td>E = Early Post Weaning</td> <td>- 120 to 210 days</td> <td>A2 = Adult</td> <td>- 1.5 to 2.5 years</td> </tr> <tr> <td>P = Post Weaning</td> <td>- 210 to 300 days</td> <td>A3 = Adult</td> <td>- 2.5 to 3.5 years</td> </tr> </table>	M = Marking	- 14 to 42 days	Y = Yearling	- 300 to 400 days	W = Weaning	- 42 to 120 days	H = Hogget	- 400 to 540 days	E = Early Post Weaning	- 120 to 210 days	A2 = Adult	- 1.5 to 2.5 years	P = Post Weaning	- 210 to 300 days	A3 = Adult	- 2.5 to 3.5 years
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P = Post Weaning	- 210 to 300 days	A3 = Adult	- 2.5 to 3.5 years														
Breeders flock, Sire number:	Identity of the breeder's flock and the sire's number or name.																
Classers Visual Grade:	A classer grades all progeny as either <u>Tops, Flocks or Culls</u> based on their visual assessment of all traits relative to the Site's Breeding Objective (see above) and is done in conjunction with the assessment of a range of visual traits. This classing reflects the approach that may be undertaken in a commercial flock.																
F1 Ewe:	First generation Merino ewe progeny that will be assessed through life.																
F2 Progeny:	Progeny of the F1 ewe that are assessed until weaning and then leave the project.																
Indexes:	A breeding index combines multiple flock breeding values into a single value that reflects a certain emphasis on these traits (see Understanding Indexes, page 27 for more information).																
Professional Classer Grade:	A classer grades all progeny as either a <u>Top, First, Flock, Sale or Cull</u> based on their visual assessment of all traits relative to the Site's Breeding Objective. This classing reflects the approach that may be undertaken in a stud flock.																
Traits: Abbreviation, trait and the (units reported)	<table border="0" style="width: 100%;"> <tr> <td>GFW: Greasy fleece weight (kg/%)</td> <td>EMD: Eye muscle depth (mm) at the 'C' site</td> </tr> <tr> <td>CFW: Clean fleece weight (kg/%)</td> <td>FAT: Fat depth (mm) at the 'C' site</td> </tr> <tr> <td>FD: Average fibre diameter (um)</td> <td>WEC: Worm egg count (%)</td> </tr> <tr> <td>WT: Body weight (kg)</td> <td></td> </tr> <tr> <td>FDCV: Fibre diameter coefficient of variation (%)</td> <td></td> </tr> <tr> <td>SL: Staple length (mm) at the mid-side</td> <td></td> </tr> <tr> <td>SS: Staple strength (Nktex) at the mid-side</td> <td></td> </tr> </table>	GFW: Greasy fleece weight (kg/%)	EMD: Eye muscle depth (mm) at the 'C' site	CFW: Clean fleece weight (kg/%)	FAT: Fat depth (mm) at the 'C' site	FD: Average fibre diameter (um)	WEC: Worm egg count (%)	WT: Body weight (kg)		FDCV: Fibre diameter coefficient of variation (%)		SL: Staple length (mm) at the mid-side		SS: Staple strength (Nktex) at the mid-side			
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Visual Traits as reported: Based on the Visual Sheep Scores.	<table border="0" style="width: 100%;"> <tr> <td>BWR: Breech Wrinkle</td> <td>CHAR: Wool Character</td> </tr> <tr> <td>BCOV: Breech Cover</td> <td>FACE: Face Cover</td> </tr> <tr> <td>DAG: Dag</td> <td>FLROT: Fleece Rot</td> </tr> <tr> <td>BDWR: Body Wrinkle</td> <td>LEGS: Feet and Legs</td> </tr> <tr> <td>COL: Wool Colour</td> <td>WEATH: Staple Weathering</td> </tr> </table> <p style="text-align: right;"><i>Further traits are available in the Site Report.</i></p>	BWR: Breech Wrinkle	CHAR: Wool Character	BCOV: Breech Cover	FACE: Face Cover	DAG: Dag	FLROT: Fleece Rot	BDWR: Body Wrinkle	LEGS: Feet and Legs	COL: Wool Colour	WEATH: Staple Weathering						
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Trait Leaders:	The highest performing 3 (or more if equal) sires for each trait (trait leaders) are highlighted by shading .																

2017 Sire and Contact Details

Sires are specifically selected for the project to generate a population that is industry representative. As a result, each site's sire list will include rams that represent a range in breeding philosophies, types, skin types, performance, age, horn status and industry usage.

Breeders flock, Sire number Sire ID #, Breed †	Contact Details	Sire of Sire	Poll	Link Sire
Anderson Poll, 140474 609147-2014-140474, Poll Merino	Lynley Anderson Brookvale, RMB 512, Kojonup WA 6395 P: (08) 9832 8055, M: 0429 32 8055, E: info@andersonrams.com.au	609147-2012-120103 (Anderson Poll, 120103)	PP	
Barloo Poll, 140027 (Eureka) 601370-2014-140027, Poll Merino	Richard House PO Box 37, Gnowangerup WA 6335 P: (08) 9827 1565, M: 0428 27 1565, E: barloostud@bigpond.com	Unknown	PH	
Billandri Poll, 151280 600571-2015-151280, Poll Merino	Bill Sandilands Billandri, Kendenup WA 6323 P: (08) 9851 4030, M: 0427 51 4030, E: billandri@iinet.net.au	600571-2012-121423 (Billandri Poll, 121423)	PP	
Coromandel Poll, 130660 600553-2013-130660, Poll Merino	Michael Campbell Coromandel, 2040 Swamp Rd, Boxwood Hill WA 6338 P: (08) 9836 6044, M: 0428 36 6044, E: coromandel6@gmail.com	600455-2010-101268 (Manunda No.2 Poll, 101268)	PP	
Cranmore, 132051 500153-2013-132051, Merino	Kristin Lefroy RSM 427, Moora WA 6510 P: (08) 9654 9066, M: 0418 92 5760, E: kristinlestroy@cranmore.com.au	Unknown	HH	
Edale, 10Z266K 504358-2010-0Z266K, Merino	Philip Gardiner 555 Cattady Road, Moora WA 6510 P: (08) 9651 1700, M: 0408 91 5916, E: edale@wn.com.au	504358-2007-71STBS (Edale, 71STBS)	HH	
Ingle Poll, 150087 609154-2015-150087, Poll Merino	Ashley Hobbs PO Box 65, Brookton WA 6306 P: (08) 9642 1379, M: 0429 42 1379, E: ingle@wn.com.au	609154-2011-110037 (Ingle Poll, 110037)	PH	
Mianelup Poll, M00540 (Expo) 601394-2014-140540, Poll Merino	Elliot Richardson Formby South Rd, Gnowangerup WA 6335 P: (08) 9827 1022, M: 0429 11 0252, E: richardson_elliot@hotmail.com	600105-2011-111122 (Collinsville Poll, 1122)	PH	

Breeders flock, Sire number Sire ID #, Breed †	Contact Details	Sire of Sire	Poll	Link Sire
Moojepin, 120652 504637-2012-120652, Merino	Chad Taylor Marapana, 456 Wuuluman Road, Wellington NSW 2820 P: (02) 6845 3620, M: 0458 45 3608, E: chad@mumblebone.com.au	504637-2010-100248 (Moojepin, 100248)	PH	
Moorundi Poll, NE73 601502-2015-150073, Poll Merino	Peter Wallis PO Box 32, Pinnaroo SA 5304 P: (08) 8576 6141, M: 0428 76 6126, E: peter@glenleaparkmerinos.com.au	601502-2011-110020 (Moorundi Poll, 110020)	PP	
Nearra Poll, 110264 609152-2011-110264, Poll Merino	Craig Morgan Nearra Farming Co, PO Box 224, Three Springs WA 6519 P: (08) 9955 2001, M: 0429 37 7991	609152-2007-070571 (Nearra Poll, 070571)	PH	
Rangeview Poll, 5-680 600636-2015-150680, Poll Merino	Jeremy King PO Box 8, Darkan WA 6392 P: (08) 9736 1086, M: 0429 36 1520, E: rangeview@bordnet.com.au	600553-2014-140047 (Coromandel Poll, 140047)	PH	
Trigger Vale Poll, 140477 609251-2014-140477, Poll Merino	Andrew and Mandi Bouffler Valera, Lockhart NSW 2656 P: (02) 6920 7656, M: 0427 20 7656, E: info@triggervalesheepstuds.com.au	609251-2011-110511 (Trigger Vale Poll, 110511)	PP	Link Sire
West Plains Poll, 110004 (Mercenary) 601236-2011-110004, Poll Merino	Drew Chapman 306 Rocky Range Rd, Delegate NSW 2633 P: (02) 6458 8129, M: 0428 82 3533, E: laura.chapman1@bigpond.com	501341-2009-090089 (Hinesville, 090089)	PH	Link Sire
Woodyarrup, 150329 500412-2015-150329, Merino	Craig and Lachlan Dewar PO Box 61, Broomehill WA 6318 P: (08) 9824 1257, M: 0429 10 0239, 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.

† Breed of flock in which the sire was born

Link Sires are sires that are 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

Counts – F1 Ewes

Breeders flock, Sire number	Marking 18/7/17	Weaning 28/9/17	Post Weaning Classing 6/3/18
Anderson Poll, 140474	41	40	38
Barloo Poll, 140027 (Eureka)	43	43	41
Billandri Poll, 151280	41	41	39
Coromandel Poll, 130660	43	43	39
Cranmore, 132051	32	32	31
Edale, 10Z266K	51	51	44
Ingle Poll, 150087	39	39	38
Mianelup Poll, M00540 (Expo)	49	48	43
Moojepin, 120652	42	42	41
Moorundi Poll, NE73	28	27	26
Nearra Poll, 110264	46	45	43
Rangeview Poll, 5-680	27	26	24
Trigger Vale Poll, 140477	55	55	51
West Plains Poll, 110004 (Mercenary)	32	32	28
Woodyarrup, 150329	40	40	37
Average	41	40	37
Total	608	604	563

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

Birth and Rear Type – F1 Ewes

****This relates to 2017 Drop F1 Ewes own birth and rear type****

Breeders flock, Sire number	F1 Ewes Weaned	Birth Type (Scanning)		Rear Type (Weaning)	
		Single	Twin	Single	Twin
Anderson Poll, 140474	40	21	19	25	15
Barloo Poll, 140027 (Eureka)	43	15	28	22	21
Billandri Poll, 151280	41	13	28	19	22
Coromandel Poll, 130660	43	9	34	19	24
Cranmore, 132051	32	10	22	16	16
Edale, 10Z266K	51	15	36	21	30
Ingle Poll, 150087	39	11	28	20	19
Mianelup Poll, M00540 (Expo)	48	11	37	15	33
Moojepin, 120652	42	15	27	20	22
Moorundi Poll, NE73	27	10	17	12	15
Nearra Poll, 110264	45	14	31	22	23
Rangeview Poll, 5-680	26	9	17	15	11
Trigger Vale Poll, 140477	55	11	44	19	36
West Plains Poll, 110004 (Mercenary)	32	13	19	16	16
Woodyarrup, 150329	40	13	27	21	19
Total	604	191 32%	414 68%	283 47%	322 53%

Raw data has not been adjusted for factors that may improve its accuracy such as birth and rear type, age of dam, age of measurement and management group (which includes accounting for difference in the foundation ewe sources).

2017 Drop

Raw Data

Weights – F1 Ewes

Breeders flock, Sire number	Weaning (kg)	Post Weaning (kg)
	28/9/17	30/1/18
Anderson Poll, 140474	28.8	33.5
Barloo Poll, 140027 (Eureka)	28.9	31.7
Billandri Poll, 151280	27.1	30.6
Coromandel Poll, 130660	28.9	34.2
Cranmore, 132051	28.4	32.6
Edale, 10Z266K	27.8	31.4
Ingle Poll, 150087	29.0	33.0
Mianelup Poll, M00540 (Expo)	28.8	33.7
Moojepin, 120652	28.0	32.7
Moorundi Poll, NE73	29.2	33.7
Nearra Poll, 110264	27.8	31.3
Rangeview Poll, 5-680	29.8	32.1
Trigger Vale Poll, 140477	28.2	33.9
West Plains Poll, 110004 (Mercenary)	28.1	31.4
Woodyarrup, 150329	28.4	32.3
Average	28.5	32.5

Wool – F1 Ewes

Breeders flock, Sire number	Post Weaning 6/3/18			
	FD (um)	CV (%)	SL (mm)	SS (NKtex)
Anderson Poll, 140474	16.9	20.3	75.1	31.1
Barloo Poll, 140027 (Eureka)	16.6	20.5	71.0	34.8
Billandri Poll, 151280	15.9	21.1	70.5	30.2
Coromandel Poll, 130660	16.5	20.2	67.8	29.9
Cranmore, 132051	16.8	19.2	69.9	32.5
Edale, 10Z266K	16.3	21.6	66.5	29.8
Ingle Poll, 150087	16.7	19.5	71.1	38.1
Mianelup Poll, M00540 (Expo)	17.2	21.1	72.6	32.2
Moojepin, 120652	16.7	19.3	81.3	30.7
Moorundi Poll, NE73	16.0	21.1	70.9	29.6
Nearra Poll, 110264	16.4	19.9	70.6	32.3
Rangeview Poll, 5-680	16.0	21.0	67.2	31.6
Trigger Vale Poll, 140477	17.4	19.1	73.3	36.4
West Plains Poll, 110004 (Mercenary)	16.5	21.3	72.0	35.0
Woodyarrup, 150329	16.6	19.1	74.2	38.5
Average	16.6	20.3	71.8	32.9

Raw data has not been adjusted for factors that may improve its accuracy such as birth and rear type, age of dam, age of measurement and management group (which includes accounting for difference in the foundation ewe sources).

2017 Drop

Raw Data

Visual Scores – F1 Ewes

Breeders flock, Sire number	Marking 18/7/17		Post Weaning 6/3/18				
	BWR	BCOV	COL	CHAR	WEATH	LEGS	FACE
Anderson Poll, 140474	2.0	2.6	2.5	3.0	2.3	2.1	1.7
Barloo Poll, 140027 (Eureka)	2.1	3.2	2.7	3.0	2.5	2.3	1.4
Billandri Poll, 151280	2.2	3.0	2.8	3.2	2.6	2.6	1.7
Coromandel Poll, 130660	1.8	3.0	2.9	3.4	2.6	2.3	1.4
Cranmore, 132051	2.0	2.9	2.8	2.6	2.4	2.2	1.3
Edale, 10Z266K	2.3	2.7	2.6	3.0	2.3	2.3	1.6
Ingle Poll, 150087	2.0	2.6	2.7	3.2	2.2	2.3	1.5
Mianelup Poll, M00540 (Expo)	1.8	3.0	2.8	2.9	2.6	2.2	1.5
Moojepin, 120652	1.6	3.0	2.8	3.1	2.9	2.2	1.5
Moorundi Poll, NE73	2.1	2.9	2.7	3.1	2.5	2.3	1.8
Nearra Poll, 110264	2.1	2.9	3.0	3.0	2.8	2.3	1.5
Rangeview Poll, 5-680	2.4	3.0	2.6	3.0	2.5	2.6	1.8
Trigger Vale Poll, 140477	1.5	2.7	2.7	3.2	2.6	2.2	1.6
West Plains Poll, 110004 (Mercenary)	2.1	3.3	2.3	2.8	2.4	2.5	2.0
Woodyarrup, 150329	1.9	2.8	2.6	2.5	2.4	2.1	1.7
Average	2.0	2.9	2.7	3.0	2.5	2.3	1.6

Raw data has not been adjusted for factors that may improve its accuracy such as birth and rear type, age of dam, age of measurement and management group (which includes accounting for difference in the foundation ewe sources).

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 6/3/18				
	Top	First	Flock	Sale	Cull
Anderson Poll, 140474		4	24	7	3
Barloo Poll, 140027 (Eureka)	2	2	20	7	10
Billandri Poll, 151280		2	22	8	7
Coromandel Poll, 130660		2	14	18	5
Cranmore, 132051	2	2	15	8	4
Edale, 10Z266K		5	19	11	9
Ingle Poll, 150087		3	15	14	6
Mianelup Poll, M00540 (Expo)	3	6	16	14	4
Moojepin, 120652	1	4	17	12	7
Moorundi Poll, NE73	1	2	12	8	3
Nearra Poll, 110264		2	16	7	18
Rangeview Poll, 5-680	1	4	11	4	4
Trigger Vale Poll, 140477		4	27	11	9
West Plains Poll, 110004 (Mercenary)	1	3	14	6	4
Woodyarrup, 150329	2	10	16	7	2
Total	13 2%	55 10%	258 46%	142 25%	95 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 12 is presented as Flock Breeding Values which are adjusted for birth effects, sire progeny numbers and associations between traits.

More information about these differing approaches can be found on page 2.

2017 Drop

Adjusted Sire Means

Wool

Breeders flock, Sire number	PFD (um)	PFDCV (%)
Anderson Poll, 140474	17.0	20.2
Barloo Poll, 140027 (Eureka)	16.6	20.4
Billandri Poll, 151280	16.0	21.0
Coromandel Poll, 130660	16.6	20.1
Cranmore, 132051	16.8	19.3
Edale, 10Z266K	16.3	21.6
Ingle Poll, 150087	16.7	19.4
Mianelup Poll, M00540 (Expo)	17.2	21.0
Moojepin, 120652	16.8	19.2
Moorundi Poll, NE73	16.1	21.0
Nearra Poll, 110264	16.4	19.8
Rangeview Poll, 5-680	16.0	21.1
Trigger Vale Poll, 140477	17.4	19.0
West Plains Poll, 110004 (Mercenary)	16.6	21.2
Woodyarrup, 150329	16.6	18.9
Average	16.6	20.2

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)

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

Post Weaning Staple Length and Staple Strength Adjusted Sire Means were not available at the time of printing and will be published in the updated report post shearing.

Adjustments account for factors that may improve accuracy of using the results such as birth and rear type, age of dam, age of measurement and management group (which includes accounting for differences in the foundation ewe sources).

2017 Drop

Adjusted Sire Means

Weight

Breeders flock, Sire number	WWT (kg)	PWT (kg)
Anderson Poll, 140474	28.9	33.9
Barloo Poll, 140027 (Eureka)	28.9	32.4
Billandri Poll, 151280	28.8	32.2
Coromandel Poll, 130660	29.9	35.0
Cranmore, 132051	29.3	33.7
Edale, 10Z266K	28.7	32.2
Ingle Poll, 150087	29.5	33.5
Mianelup Poll, M00540 (Expo)	29.5	34.0
Moojepin, 120652	28.9	33.3
Moorundi Poll, NE73	29.6	33.2
Nearra Poll, 110264	28.8	32.7
Rangeview Poll, 5-680	28.7	31.9
Trigger Vale Poll, 140477	29.9	35.2
West Plains Poll, 110004 (Mercenary)	28.7	32.3
Woodyarrup, 150329	28.4	32.4
Average	29.1	33.2

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)

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

Adjustments account for factors that may improve accuracy of using the results such as birth and rear type, age of dam, age of measurement and management group (which includes accounting for differences in the foundation ewe sources).

2017 Drop

Within-Site and Within-Drop Flock Breeding Values

Wool

Breeders flock, Sire number	Progeny Number [^]	PFD (um)	PFDCV (%)
Anderson Poll, 140474	77	0.5	0.0
Barloo Poll, 140027 (Eureka)	89	0.0	0.3
Billandri Poll, 151280	79	-0.8	1.1
Coromandel Poll, 130660	98	0.0	-0.1
Cranmore, 132051	75	0.3	-1.1
Edale, 10Z266K	97	-0.5	1.8
Ingle Poll, 150087	86	0.0	-1.1
Mianelup Poll, M00540 (Expo)	94	0.7	1.0
Moojepin, 120652	88	0.3	-1.2
Moorundi Poll, NE73	61	-0.5	1.0
Nearra Poll, 110264	75	-0.2	-0.5
Rangeview Poll, 5-680	65	-0.8	1.0
Trigger Vale Poll, 140477	91	1.0	-1.7
West Plains Poll, 110004 (Mercenary)	55	-0.1	1.2
Woodyarrup, 150329	75	0.1	-1.5

Weight

Breeders flock, Sire number	Progeny Number [^]	WWT (kg)	PWT (kg)
Anderson Poll, 140474	77	0.1	0.6
Barloo Poll, 140027 (Eureka)	89	-0.5	-1.0
Billandri Poll, 151280	79	-0.7	-1.2
Coromandel Poll, 130660	98	1.4	2.3
Cranmore, 132051	75	0.3	0.6
Edale, 10Z266K	97	-0.8	-1.5
Ingle Poll, 150087	86	0.6	0.7
Mianelup Poll, M00540 (Expo)	94	0.7	1.0
Moojepin, 120652	88	-0.2	0.0
Moorundi Poll, NE73	61	0.4	0.2
Nearra Poll, 110264	75	-0.5	-0.6
Rangeview Poll, 5-680	65	-0.7	-1.4
Trigger Vale Poll, 140477	91	1.7	2.9
West Plains Poll, 110004 (Mercenary)	55	-0.8	-1.4
Woodyarrup, 150329	75	-0.9	-1.2

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).

[^] Progeny Number is the total progeny for each sire at weaning, including ewes and wethers.

Post Weaning Staple Length and Staple Strength Within-Site and Within-Drop Flock Breeding Values were not available at the time of printing and will be published in the updated report post shearing.

2017 Drop

Within-Site and Within-Drop Flock Breeding Values

Classer's Visual Grade – F1 Ewes

Classer: Preston Clarke

Breeders flock, Sire number	Progeny Number ^	PTOPS (%)	PCULLS (%)
Anderson Poll, 140474	40	2	-4
Barloo Poll, 140027 (Eureka)	43	-2	-11
Billandri Poll, 151280	41	-7	4
Coromandel Poll, 130660	43	-5	3
Cranmore, 132051	32	-2	0
Edale, 10Z266K	51	2	6
Ingle Poll, 150087	39	-2	-3
Mianelup Poll, M00540 (Expo)	48	-4	-5
Moojepin, 120652	42	-4	13
Moorundi Poll, NE73	27	2	-14
Nearra Poll, 110264	45	-7	21
Rangeview Poll, 5-680	26	5	9
Trigger Vale Poll, 140477	55	-5	0
West Plains Poll, 110004 (Mercenary)	32	4	-1
Woodyarrup, 150329	40	23	-18
Average	40	7	26

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).

^ Progeny Number is the total ewe progeny for each sire at weaning.

These Classer's Visual Grades were calculated using only the F1 ewe progeny of the sires. Please see page 2 for a full description of trait names and an explanation of Flock Breeding Values.

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 Flock Breeding Values which are adjusted for birth effects, sire progeny numbers and associations between traits.

The Professional Classing results reported on page 8 are raw unadjusted data based on a five way class. More information about these differing approaches can be found on page 2.

Indexes will be available on the 2017 drop post shearing.

2016 Sire and Contact Details

Sires are specifically selected for the project to generate a population that is industry representative. As a result, each site's sire list will include rams that represent a range in breeding philosophies, types, skin types, performance, age, horn status and industry usage.

Breeders flock, Sire number Sire ID #, Breed †	Contact Details	Sire of Sire	Poll	Link Sire
Billandri Poll, 130641 600571-2013-130641, Poll Merino	Bill Sandilands Billandri, Kendenup WA 6323 P: (08) 9851 4030, M: 0427 51 4030, E: billandri@iinet.net.au	601250-2009-907538 (Centre Plus Poll, 907538)	PP	
Boolading Blues Poll, 120708 609039-2012-120708, Poll Merino	Lachlan Ewen PO Box 53, Darkan WA 6392 P: (08) 9736 1389, M: 0429 36 1389, E: derby.grove@westnet.com.au	609039-2008-080570 (Boolading Blues Poll, 080570)	PP	
Claypans Poll, 130597 600827-2013-130597, Poll Merino	Steven Bolt PO Box 226, Corrigin WA 6375 M: 0427 65 2043, E: steven_bolt@hotmail.com	600827-2010-100754 (Claypans Poll, 100754)	PH	
East Mundulla, 090137 (Jonty) 503506-2009-090137, Merino	Daniel Gooding PO Box 205, Lake Grace WA 6353 P: (08) 9864 9333, M: 0429 13 8890, E: dangemgooding@activ8.net.au	504470-2006-060022 (Charinga, 060022)		
Ejanding Poll, 145096 600443-2014-145096, Poll Merino	Brett Jones RMB 2000, Dowerin WA 6461 P: (08) 9632 3012, M: 0428 32 3012, E: ejandingstud@bigpond.com	600443-2012-125202 (Ejanding Poll, 125202)	PH	
Haddon Rig, 2.715 500048-2012-120715, Merino	Andy Maclean Haddon Rig, Warren NSW 2824 P: (02) 6847 4405, M: 0429 66 2226, E: admin@haddon-rig.com.au	503805-2009-009778 (White River, 009778)	HH	
Hazeldean, 11.43 500383-2011-000043, Merino	Jim Litchfield Hazeldean Pty Ltd, Cooma NSW 2630 P: (02) 6453 5555, M: 0417 67 6561, E: admin@hazeldean.com.au	600553-2007-070002 (Coromandel Poll, ET2)	PH	Link Sire
Ingle Poll, 130387 609154-2013-130387, Poll Merino	Ashley Hobbs PO Box 65, Brookton WA 6306 P: (08) 9642 1379, M: 0429 42 1379, E: ingle@wn.com.au	609154-2011-110022 (Ingle Poll, 110022)		

Breeders flock, Sire number Sire ID #, Breed †	Contact Details	Sire of Sire	Poll	Link Sire
Leahcim Poll, 090918 600815-2009-090918, Poll Merino	Andrew and Rosemary Michael PO Box 31, Snowtown SA 5520 P: (08) 8865 2085, M: 0418 82 8431, E: leahcimgenetics@bigpond.com	600815-2007-070319 (Leahcim Poll, 070319)	PP	Link Sire
Merinotech WA Poll, 100081 609040-2010-100081, Poll Merino	Ian Robertson Merinotech (WA) Ltd, RMB 311, Kojonup WA 6395 P: (08) 9833 6251, E: yarrak311@optusnet.com.au	609040-2008-088578 (Merinotech WA Poll, 088578)	PH	Link Sire
Moojepin, 140377 504637-2014-140377, Merino	David Thompson PO Box 625, Katanning WA 6317 P: (08) 9821 1083, M: 0418 93 2507, E: moojepin@westnet.com.au	504637-2012-120652 (Moojepin, 120652)	PP	
One Oak No. 2, R56 503855-2010-100R56, Merino	Graham Wells 1763 Great Alpine Road, Smoko VIC 3741 M: 0428 44 2930, E: oneoakpl@bigpond.com	503855-2008-080004 (One Oak No. 2, 080004)	HH	Link Sire
Rhamily Poll, 110330 (Benny) 601271-2011-110330, Poll Merino	Shayne Makin PO Box 28, Tammin WA 6409 P: (08) 9638 1027, M: 0428 38 1027, E: kamballiems@bigpond.com	Unknown	PP	
West Plains Poll, 110004 (Mercenary) 601236-2011-110004, Poll Merino	Drew Chapman 306 Rocky Range Rd, Delegate NSW 2633 P: (02) 6458 8129, M: 0428 82 3533, E: laura.chapman1@bigpond.com	501341-2009-090089 (Hinesville, 090089)	PH	
Wyambah Poll, 140141 601343-2014-140141, Poll Merino	Peter Campbell Wyambah, MS1111, Roma QLD 4455 P: (07) 4626 5454, M: 0427 19 5388, E: peter.campbell53@bigpond.com	601343-2011-110070 (Wyambah 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.

† Breed of flock in which the sire was born

Link Sires are sires that are 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

Counts – F1 Ewes

Breeders flock, Sire number	Marking 21/7/16	Weaning 26/9/17	Post Weaning Classing 16/3/17	Yearling 9/5/17	Hogget 29/9/17	Adult2 Classing 5/3/18
Billandri Poll, 130641	35	35	34	34	34	30
Boolading Blues Poll, 120708	23	22	21	21	21	21
Claypans Poll, 130597	15	14	13	13	13	13
East Mundulla, 090137 (Jonty)	30	30	29	29	29	29
Ejanding Poll, 145096	34	34	34	33	33	33
Haddon Rig, 2.715	21	21	19	19	19	18
Hazeldean, 11.43	22	22	21	21	21	21
Ingle Poll, 130387	29	27	26	26	26	25
Leahcim Poll, 090918	35	34	34	34	34	34
Merinotech WA Poll, 100081	36	36	36	35	35	33
Moojepin, 140377	22	22	22	22	22	21
One Oak No. 2, R56	36	35	30	29	29	29
Rfamily Poll, 110330 (Benny)	23	22	22	22	22	21
West Plains Poll, 110004 (Mercenary)	30	29	28	27	27	27
Wyambah Poll, 140141	24	24	23	23	23	23
Average	28	27	26	26	26	25
Total	415	407	392	388	388	378

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

2016 Drop

Raw Data

Wool – F1 Ewes

Breeders flock, Sire number	Post Weaning 16/3/17						Adult2 5/3/18			
	GFW (kg)	CFW (kg)	FD (um)	CV (%)	SL (mm)	SS (NKtex)	FD (um)	CV (%)	SL (mm)	SS (NKtex)
Billandri Poll, 130641	3.0	1.9	16.8	19.3	76.5	41.8	18.2	17.3	101.0	28.4
Boolading Blues Poll, 120708	3.3	2.3	18.7	19.5	85.5	42.8	20.8	16.4	110.7	28.8
Claypans Poll, 130597	2.7	1.8	16.7	18.0	67.8	46.2	18.5	16.4	98.3	37.4
East Mundulla, 090137 (Jonty)	3.0	2.0	16.7	20.6	70.9	37.6	18.5	18.8	96.5	26.7
Ejanding Poll, 145096	2.8	1.9	17.3	17.0	81.1	51.1	19.3	16.0	107.1	34.3
Haddon Rig, 2.715	3.0	2.0	17.2	19.5	74.8	42.7	18.6	16.4	100.4	33.3
Hazeldean, 11.43	3.1	2.1	16.6	19.8	79.8	39.4	17.9	16.6	104.3	26.6
Ingle Poll, 130387	2.8	1.7	16.2	17.9	75.5	40.9	17.6	16.9	98.7	25.8
Leahcim Poll, 090918	2.6	1.7	16.6	18.2	83.1	44.6	17.9	16.0	105.9	28.6
Merinotech WA Poll, 100081	2.8	1.9	17.2	18.6	79.0	44.0	18.6	16.2	102.2	34.2
Moojepin, 140377	2.7	1.8	17.3	19.6	86.3	35.9	18.7	17.5	108.9	24.3
One Oak No. 2, R56	3.0	2.0	16.5	21.5	71.9	37.5	17.7	18.9	97.1	24.6
Rhamily Poll, 110330 (Benny)	2.9	2.0	17.2	18.8	72.5	44.5	18.7	17.1	95.0	35.5
West Plains Poll, 110004 (Mercenary)	2.8	1.9	16.7	19.5	74.7	42.8	18.3	17.4	99.0	29.9
Wyambeh Poll, 140141	2.8	1.8	17.2	20.0	85.7	34.9	19.1	17.0	105.3	29.4
Average	2.9	1.9	17.0	19.2	77.7	41.8	18.6	17.0	102.0	29.9

Raw data has not been adjusted for factors that may improve its accuracy such as birth and rear type, age of dam, age of measurement and management group (which includes accounting for difference in the foundation ewe sources).

2016 Drop

Raw Data

Weights – F1 Ewes

	Weaning (kg)	Post Weaning (kg)	Yearling (kg)	<i>Weight Gain (kg)</i> <i>Weaning to Yearling</i>	Hogget (kg)	Adult2 Pre Joining (kg)	<i>Weight Gain (kg)</i> <i>Weaning to Adult</i>
Breeders flock, Sire number	26/9/17	27/3/17	9/5/17		29/9/17	21/12/17	
Billandri Poll, 130641	30.3	39.1	40.2	9.9	54.4	54.3	24.0
Boolading Blues Poll, 120708	32.6	42.5	42.4	9.8	56.2	57.4	24.8
Claypans Poll, 130597	28.7	37.3	38.6	9.9	51.4	52.2	23.5
East Mundulla, 090137 (Jonty)	30.6	38.9	39.9	9.3	54.3	53.8	23.2
Ejanding Poll, 145096	28.8	39.1	40.4	11.6	53.9	54.1	25.3
Haddon Rig, 2.715	29.4	38.2	38.8	9.4	51.8	50.8	21.4
Hazeldean, 11.43	31.8	39.5	39.9	8.1	55.9	55.3	23.5
Ingle Poll, 130387	29.9	40.2	41.2	11.3	53.8	55.3	25.4
Leahcim Poll, 090918	28.8	36.7	38.3	9.5	50.4	50.4	21.6
Merinotech WA Poll, 100081	28.4	37.2	38.5	10.1	50.0	50.6	22.2
Moojepin, 140377	29.7	38.9	40.5	10.8	52.3	53.4	23.7
One Oak No. 2, R56	29.9	36.9	37.4	7.5	51.3	52.7	22.8
Rhamily Poll, 110330 (Benny)	31.6	40.9	42.0	10.4	55.0	55.4	23.8
West Plains Poll, 110004 (Mercenary)	29.0	37.2	38.3	9.3	51.5	51.1	22.1
Wyambah Poll, 140141	31.2	39.4	39.7	8.5	50.9	52.5	21.3
Average	30.0	38.8	39.7	9.7	52.9	53.3	23.3

Raw data has not been adjusted for factors that may improve its accuracy such as birth and rear type, age of dam, age of measurement and management group (which includes accounting for difference in the foundation ewe sources).

2016 Drop

Raw Data

Condition Score and Carcase Measurements – F1 Ewes

Breeders flock, Sire number	Condition Score			Carcase Measurements			
	Yearling	Hogget	Adult2	Post Weaning 27/3/17		Adult2 21/12/17	
	9/5/17	29/9/17	21/12/17	EMD (mm)	FAT (mm)	EMD (mm)	FAT (mm)
Billandri Poll, 130641	2.9	2.9	3.1	21.4	1.8	24.3	2.2
Boolading Blues Poll, 120708	2.8	2.8	3.0	22.5	1.8	25.0	2.0
Claypans Poll, 130597	2.9	2.9	3.1	20.4	1.6	23.8	2.0
East Mundulla, 090137 (Jonty)	2.8	2.7	2.8	20.3	1.5	22.9	1.8
Ejanding Poll, 145096	3.0	2.9	3.1	20.9	1.7	23.8	2.1
Haddon Rig, 2.715	2.9	2.8	2.8	20.9	1.6	22.6	1.8
Hazeldean, 11.43	2.8	2.9	3.0	21.0	1.6	24.0	2.0
Ingle Poll, 130387	3.1	2.9	3.2	21.8	1.9	25.0	2.3
Leahcim Poll, 090918	2.8	2.8	2.9	20.6	1.6	23.2	1.9
Merinotech WA Poll, 100081	3.0	2.9	3.1	21.5	1.8	24.0	2.2
Moojepin, 140377	2.9	2.9	3.0	21.5	1.8	25.0	2.3
One Oak No. 2, R56	2.8	2.8	2.9	20.3	1.6	23.2	2.0
Rhamily Poll, 110330 (Benny)	2.9	2.9	3.0	21.9	1.7	23.6	2.0
West Plains Poll, 110004 (Mercenary)	2.9	2.7	2.8	20.5	1.6	22.7	1.9
Wyambah Poll, 140141	3.0	2.9	3.1	22.1	1.8	24.3	2.0
Average	2.9	2.8	3.0	21.2	1.7	23.8	2.0

Raw data has not been adjusted for factors that may improve its accuracy such as birth and rear type, age of dam, age of measurement and management group (which includes accounting for difference in the foundation ewe sources).

2016 Drop

Raw Data

Birth and Rear Type – F1 Ewes

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

Breeders flock, Sire number	F1 Ewes Weaned	Birth Type (Scanning)			Rear Type (Weaning)		
		Single	Twin	Triplet	Single	Twin	Triplet
Billandri Poll, 130641	35	15	18	2	20	15	
Boolading Blues Poll, 120708	22	14	8		16	6	
Claypans Poll, 130597	14	4	10		6	8	
East Mundulla, 090137 (Jonty)	30	20	8	2	22	8	
Ejanding Poll, 145096	34	16	18		17	17	
Haddon Rig, 2.715	21	10	10	1	11	10	
Hazeldean, 11.43	22	17	5		18	4	
Ingle Poll, 130387	27	13	14		15	12	
Leahcim Poll, 090918	34	15	19		18	16	
Merinotech WA Poll, 100081	36	17	18	1	21	15	
Moojepin, 140377	22	15	7		16	6	
One Oak No. 2, R56	35	15	20		21	14	
Rhamily Poll, 110330 (Benny)	22	11	11		14	8	
West Plains Poll, 110004 (Mercenary)	29	15	14		15	14	
Wyambeh Poll, 140141	24	15	9		19	5	
Total	407	212	189	6	249	158	0
		52%	46%	1%	61%	39%	0%

2016 Drop

Raw Data

Reproduction in 2018 – F1 Ewes

Breeders flock, Sire number	Ewes Joined	Pregnancy Scanning – Ewe Numbers 23/3/18				
		Empty	Single	Twin	Number Foetuses	Foetus Rate ¹
Billandri Poll, 130641	34		25	5	35	103%
Boolading Blues Poll, 120708	21	1	13	7	27	129%
Claypans Poll, 130597	13	1	7	5	17	131%
East Mundulla, 090137 (Jonty)	29	2	25	2	29	100%
Ejanding Poll, 145096	33	2	29	2	33	100%
Haddon Rig, 2.715	18	2	12	4	20	111%
Hazeldean, 11.43	21	2	12	7	26	124%
Ingle Poll, 130387	25	1	16	8	32	128%
Leahcim Poll, 090918	34	2	28	3	34	100%
Merinotech WA Poll, 100081	35	1	22	10	42	120%
Moojepin, 140377	22	1	15	6	27	123%
One Oak No. 2, R56	29	1	23	5	33	114%
Rhamily Poll, 110330 (Benny)	22		16	5	26	118%
West Plains Poll, 110004 (Mercenary)	27	2	23	2	27	100%
Wyambah Poll, 140141	23	3	14	5	24	104%
Total	386	21 6%	280 74%	76 20%	432	112%

¹Foetus rate is calculated by number of foetuses divided by ewes joined

2016 Drop

Raw Data

Visual Scores – F1 Ewes

Breeders flock, Sire number	Marking 21/7/16		Post Weaning 16/3/17						Adult2 5/3/18				
	BWR	BCOV	BDWR	COL	FLROT	CHAR	LEGS	FACE	COL	CHAR	WEATH	LEGS	FACE
Billandri Poll, 130641	2.5	2.4	1.7	2.7	1.2	2.7	2.6	1.3	2.9	2.8	2.5	2.2	1.7
Boolading Blues Poll, 120708	2.1	2.4	1.5	2.9	1.3	3.1	2.3	1.2	3.1	3.4	2.8	2.1	1.4
Claypans Poll, 130597	3.0	2.3	1.7	2.8	1.5	2.7	2.7	1.3	2.5	2.7	2.3	2.1	1.7
East Mundulla, 090137 (Jonty)	2.6	2.9	1.8	2.9	1.6	2.5	2.4	1.6	2.9	2.3	2.7	2.0	1.8
Ejanding Poll, 145096	2.1	2.2	1.4	2.7	1.5	2.2	2.4	1.3	3.1	2.6	2.7	2.3	1.6
Haddon Rig, 2.715	2.3	2.7	1.6	2.8	1.4	2.7	2.5	2.2	2.8	2.6	2.5	2.5	2.6
Hazeldean, 11.43	2.6	2.6	1.8	2.4	1.1	2.4	2.5	1.6	2.9	2.8	2.5	2.3	2.0
Ingle Poll, 130387	2.4	2.4	1.4	3.0	1.6	2.6	2.5	1.4	2.9	2.9	2.6	2.2	1.7
Leahcim Poll, 090918	1.9	2.2	1.2	2.5	1.1	2.4	2.5	1.5	2.7	2.6	2.7	2.0	1.6
Merinotech WA Poll, 100081	2.7	2.4	1.9	2.6	1.0	2.6	2.8	1.5	2.5	3.1	2.4	2.2	1.9
Moojepin, 140377	2.0	2.2	1.3	2.7	1.1	2.7	2.5	1.1	3.2	3.2	3.0	2.2	1.3
One Oak No. 2, R56	2.7	2.8	2.2	2.6	1.4	2.8	2.4	1.8	2.9	2.9	2.6	2.3	2.1
Rhamily Poll, 110330 (Benny)	2.4	2.6	1.6	2.6	1.3	2.3	2.4	1.5	2.7	2.6	2.5	2.2	1.7
West Plains Poll, 110004 (Mercenary)	2.7	2.7	1.8	2.2	1.0	2.2	2.5	1.9	2.3	2.1	2.4	2.4	2.4
Wyambah Poll, 140141	2.0	2.5	1.3	2.9	1.3	3.2	2.5	1.1	2.6	3.5	2.8	2.0	1.4
Average	2.4	2.5	1.6	2.7	1.3	2.6	2.5	1.5	2.8	2.8	2.6	2.2	1.8

Raw data has not been adjusted for factors that may improve its accuracy such as birth and rear type, age of dam, age of measurement and management group (which includes accounting for difference in the foundation ewe sources).

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 16/3/17					Adult2 5/3/18				
	Top	First	Flock	Sale	Cull	Top	First	Flock	Sale	Cull
Billandri Poll, 130641		9	13	11	2		2	17	4	7
Boolading Blues Poll, 120708		3	5	13			2	8	7	4
Claypans Poll, 130597		1	7	4	1	2	3	6	2	
East Mundulla, 090137 (Jonty)	2	6	9	10	2	4	5	7	8	5
Ejanding Poll, 145096		2	18	10	4		4	16	7	6
Haddon Rig, 2.715		1	8	7	3		3	9	2	4
Hazeldean, 11.43	3	6	10	2		2	5	12	1	1
Ingle Poll, 130387		1	13	11	1		3	12	6	4
Leahcim Poll, 090918	1	4	17	8	3	1	6	16	6	5
Merinotech WA Poll, 100081		4	20	9	3	1	5	12	9	6
Moojepin, 140377		2	9	8	3		2	10	6	3
One Oak No. 2, R56		5	11	9	5	2	7	14	3	3
Rhamily Poll, 110330 (Benny)	3	5	10	4		1	5	12	2	1
West Plains Poll, 110004 (Mercenary)	1	9	10	5	4	1	6	12	6	2
Wyambah Poll, 140141			11	11	1		1	7	8	7
Total	10	58	171	122	32	14	59	170	77	58
	3%	15%	43%	31%	8%	4%	16%	45%	20%	15%

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 29 is presented as Flock Breeding Values which are adjusted for birth effects, sire progeny numbers and associations between traits. More information about these differing approaches can be found on page 2.

Raw data has not been adjusted for factors that may improve its accuracy such as birth and rear type, age of dam, age of measurement and management group (which includes accounting for difference in the foundation ewe sources).

2016 Drop

Adjusted Sire Means

Wool

Breeders flock, Sire number	PGFW (kg)	PCFW (kg)	PFD (um)	AFD (um)	PFDCV (%)	AFDCV (%)	ASL (mm)	ASS (NKtex)
Billandri Poll, 130641	3.0	2.1	16.7	18.2	18.6	17.5	101.0	28.5
Boolading Blues Poll, 120708	3.2	2.3	18.6	20.8	18.9	16.5	110.8	28.6
Claypans Poll, 130597	2.8	2.0	16.7	18.4	18.9	16.4	98.1	37.9
East Mundulla, 090137 (Jonty)	3.0	2.0	16.7	18.4	20.5	18.7	96.5	26.0
Ejanding Poll, 145096	2.8	2.0	17.1	19.2	16.7	16.0	107.0	34.1
Haddon Rig, 2.715	3.0	2.1	17.0	18.7	19.5	16.5	100.8	33.5
Hazeldean, 11.43	3.0	2.1	16.3	17.9	19.2	16.7	104.6	26.0
Ingle Poll, 130387	2.8	1.8	16.1	17.5	18.0	16.9	99.0	25.7
Leahcim Poll, 090918	2.7	1.9	16.5	17.8	18.1	16.0	106.2	28.4
Merinotech WA Poll, 100081	2.9	2.0	17.0	18.6	17.9	16.2	102.5	34.6
Moojepin, 140377	2.7	1.8	17.2	18.7	19.5	17.5	109.3	23.5
One Oak No. 2, R56	3.0	2.0	16.2	17.5	21.3	18.8	97.3	23.5
Rhamily Poll, 110330 (Benny)	2.9	2.0	17.2	18.6	18.9	17.0	94.7	35.6
West Plains Poll, 110004 (Mercenary)	2.9	2.0	16.7	18.1	19.6	17.3	98.6	28.9
Wyambah Poll, 140141	2.8	1.9	17.4	19.1	19.2	17.0	105.3	29.1
Average	2.9	2.0	16.9	18.5	19.0	17.0	102.1	29.6

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).

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

Post Weaning Staple Length and Staple Strength Adjusted Sire Means were not available at the time of printing and will be published in the updated report post shearing.

Adjustments account for factors that may improve accuracy of using the results such as birth and rear type, age of dam, age of measurement and management group (which includes accounting for differences in the foundation ewe sources).

2016 Drop

Adjusted Sire Means

Weight and Carcase

Breeders flock, Sire number	WWT (kg)	PWT (kg)	YWT (kg)	HWT (kg)	AWT (kg)	PEMD (mm)	AEMD (mm)	PFAT (mm)	AFAT (mm)
Billandri Poll, 130641	31.5	36.6	43.5	49.1	51.4	21.6	22.2	1.8	1.8
Boolading Blues Poll, 120708	31.8	39.2	44.9	50.1	53.1	21.8	22.1	1.7	1.6
Claypans Poll, 130597	30.4	35.9	42.6	48.3	53.7	21.6	22.3	1.7	1.7
East Mundulla, 090137 (Jonty)	31.1	36.6	43.1	49.6	52.0	20.6	21.1	1.5	1.5
Ejanding Poll, 145096	30.4	37.7	44.8	50.1	53.8	21.5	22.0	1.7	1.7
Haddon Rig, 2.715	31.1	36.1	42.3	47.6	48.6	21.0	21.2	1.6	1.6
Hazeldean, 11.43	32.3	36.8	43.0	50.4	51.9	21.2	21.8	1.6	1.7
Ingle Poll, 130387	30.2	37.1	43.2	47.5	49.9	21.5	22.1	1.8	1.8
Leahcim Poll, 090918	31.0	36.5	42.6	46.5	49.3	21.6	21.9	1.7	1.6
Merinotech WA Poll, 100081	29.5	35.1	41.9	46.4	50.5	22.6	23.1	1.9	1.9
Moojepin, 140377	30.3	36.5	42.9	47.4	50.1	21.6	22.7	1.7	1.8
One Oak No. 2, R56	31.2	35.6	41.0	46.6	49.9	21.2	21.8	1.7	1.6
Rhamily Poll, 110330 (Benny)	32.3	38.2	45.2	50.6	53.4	21.4	21.6	1.7	1.7
West Plains Poll, 110004 (Mercenary)	30.7	36.3	42.0	47.2	50.1	21.4	21.4	1.7	1.6
Wyambah Poll, 140141	31.0	36.3	42.0	45.5	47.3	22.0	22.7	1.7	1.7
Average	31.0	36.7	43.0	48.2	51.0	21.5	22.0	1.7	1.7

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)

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

Adjustments account for factors that may improve accuracy of using the results such as birth and rear type, age of dam, age of measurement and management group (which includes accounting for differences in the foundation ewe sources).

2016 Drop

Within-Site and Within-Drop Flock Breeding Values

Wool

Breeders flock, Sire number	Progeny Number [^]	PGFW (%)	PCFW (%)	PFD (um)	AFD (um)	PFDCV (%)	AFDCV (%)	ASL (mm)	ASS (NKtex)
Billandri Poll, 130641	57	4	3	-0.3	-0.5	-0.3	0.0	-1.1	0.0
Boolading Blues Poll, 120708	42	16	22	2.5	3.5	-0.3	-0.9	11.7	3.2
Claypans Poll, 130597	28	-3	-3	-0.2	-0.1	0.0	-0.1	-4.5	3.3
East Mundulla, 090137 (Jonty)	55	6	7	-0.2	-0.3	2.3	2.7	-6.4	-5.5
Ejanding Poll, 145096	70	-3	0	0.5	0.9	-3.0	-2.3	7.4	6.3
Haddon Rig, 2.715	41	4	6	0.1	0.1	0.4	-0.1	-1.2	3.2
Hazeldean, 11.43	45	5	4	-0.9	-1.1	0.1	-0.4	3.0	-2.7
Ingle Poll, 130387	52	-11	-18	-1.0	-1.5	-1.1	-0.4	-6.0	-3.5
Leahcim Poll, 090918	70	-9	-10	-0.7	-1.0	-1.3	-1.3	3.6	-0.3
Merinotech WA Poll, 100081	58	-4	-4	0.2	0.3	-1.5	-1.6	0.8	5.8
Moojepin, 140377	49	-5	-6	0.4	0.5	0.7	0.8	8.5	-5.6
One Oak No. 2, R56	67	2	2	-1.1	-1.6	3.2	2.9	-8.2	-8.6
Rhamily Poll, 110330 (Benny)	51	1	2	0.5	0.4	-0.2	0.1	-8.2	4.8
West Plains Poll, 110004 (Mercenary)	52	0	1	-0.4	-0.6	0.8	0.9	-3.8	-1.8
Wyambeh Poll, 140141	55	-3	-5	0.8	1.2	0.2	-0.2	4.5	1.5

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)

[^] Progeny Number is the total progeny 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.

Post Weaning Staple Length and Staple Strength Within-Site and Within-Drop Flock Breeding Values were not available at the time of printing and will be published in the updated report post shearing.

Please see page 2 for a full description of trait names and an explanation of Flock Breeding Values.

2016 Drop

Within-Site and Within-Drop Flock Breeding Values

Weight, Carcase and WEC

Breeders flock, Sire number	Progeny Number [^]	WWT (kg)	PWT (kg)	YWT (kg)	HWT (kg)	AWT (kg)	PEMD (mm)	AEMD (mm)	PFAT (mm)	AFAT (mm)	HWEC (%)
Billandri Poll, 130641	57	0.4	0.6	1.2	1.6	0.6	0.0	0.2	0.4	0.8	-42
Boolading Blues Poll, 120708	42	1.9	3.0	3.9	3.8	4.4	0.5	0.4	0.2	-0.2	14
Claypans Poll, 130597	28	-0.5	-0.5	0.1	0.4	0.5	0.4	0.8	0.1	0.3	35
East Mundulla, 090137 (Jonty)	55	0.4	0.7	0.0	0.6	0.6	-1.7	-2.1	-1.2	-1.8	77
Ejanding Poll, 145096	70	0.2	1.4	3.0	2.8	2.8	0.0	0.2	0.3	0.5	-89
Haddon Rig, 2.715	41	-0.2	-0.7	-1.8	-2.0	-2.1	-0.9	-1.4	-0.7	-1.1	47
Hazeldean, 11.43	45	1.0	0.8	0.9	2.2	2.0	-0.6	-0.5	-0.5	-0.2	5
Ingle Poll, 130387	52	-0.6	-0.5	0.8	-0.2	0.1	0.6	0.8	0.6	0.8	-62
Leahcim Poll, 090918	70	-0.3	-0.7	-1.4	-2.2	-1.7	0.0	-0.3	-0.2	-0.6	-38
Merinotech WA Poll, 100081	58	-1.8	-2.1	-1.4	-1.8	-2.5	1.9	2.5	1.4	2.2	-38
Moojepin, 140377	49	-0.8	-1.0	-0.8	-0.3	0.0	0.3	0.9	0.4	1.0	5
One Oak No. 2, R56	67	-0.3	-1.3	-3.2	-2.5	-2.4	-0.8	-1.0	-0.6	-0.8	107
Rfamily Poll, 110330 (Benny)	51	1.7	2.7	2.7	3.1	2.9	-0.3	-0.6	-0.2	-0.4	8
West Plains Poll, 110004 (Mercenary)	52	-0.6	-0.8	-2.5	-2.7	-2.3	-0.7	-1.3	-0.4	-1.0	169
Wyambah Poll, 140141	55	-0.6	-1.4	-1.5	-2.8	-2.8	1.1	1.2	0.5	0.4	14

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).

[^] Progeny Number is the total progeny 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 2 for a full description of trait names and an explanation of Flock Breeding Values.

Understanding Indexes

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

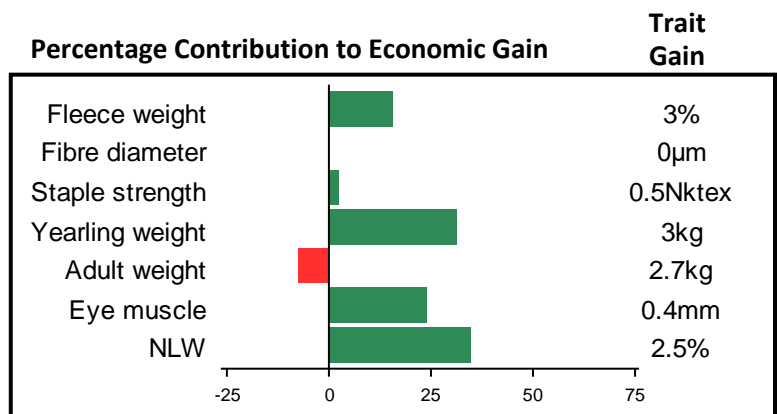
It is recommended that the performance of individual Flock Breeding Values and visually assessed traits is used in conjunction with an index as selection indexes assist in making balanced selection decisions.

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

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

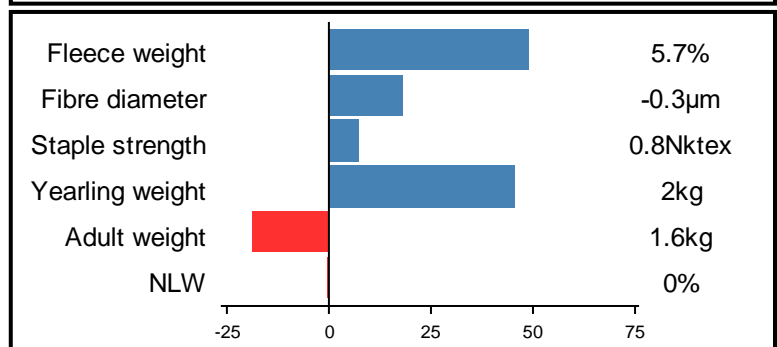
Dual Purpose Plus (DP+)

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



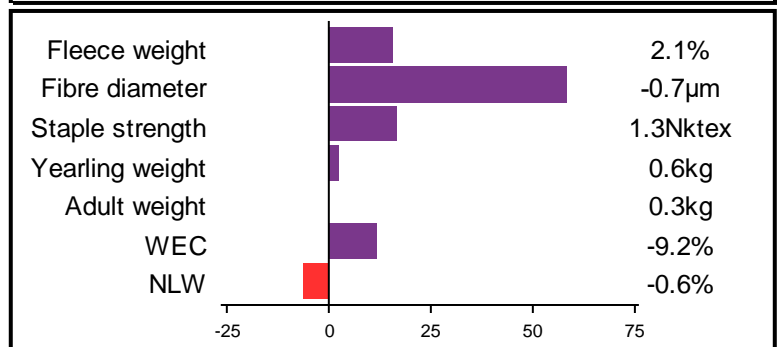
Merino Production Plus (MP+)

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



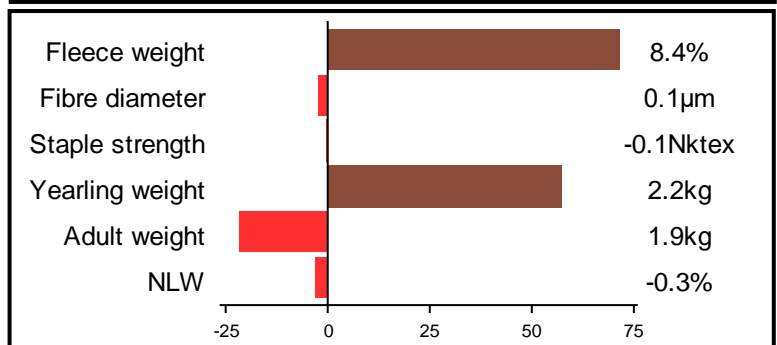
Fibre Production Plus (FP+)

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



Wool Production Plus (WP+)

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



Within-Site and Within-Drop Indexes

Breeders flock, Sire number	Dual Purpose Plus	Merino Production Plus	Fibre Production Plus	Wool Production Plus
Billandri Poll, 130641	109	110	111	108
Boolading Blues Poll, 120708	109	97	80	112
Claypans Poll, 130597	112	105	104	101
East Mundulla, 090137 (Jonty)	84	106	99	111
Ejanding Poll, 145096	117	109	113	107
Haddon Rig, 2.715	88	106	104	103
Hazeldean, 11.43	103	114	111	111
Ingle Poll, 130387	108	90	102	85
Leahcim Poll, 090918	92	93	103	87
Merinotech WA Poll, 100081	117	96	102	92
Moojepin, 140377	92	83	81	90
One Oak No. 2, R56	79	96	95	97
Rfamily Poll, 110330 (Benny)	109	114	110	111
West Plains Poll, 110004 (Mercenary)	84	98	93	98
Wyambah Poll, 140141	99	82	82	86

These Indexes were calculated using all the available data collected on both the F1 ewe and F1 wether progeny of the sires.

2016 Drop

Within-Site and Within-Drop Flock Breeding Values

Classer's Visual Grade – F1 Ewes

Classer: Preston Clarke

Breeders flock, Sire number	Progeny Number [^]	PTOPS (%)	ATOPS (%)	PCULLS (%)	ACULLS (%)
Billandri Poll, 130641	35	7	-4	-5	-5
Boolading Blues Poll, 120708	22	-8	-12	18	12
Claypans Poll, 130597	14	-2	20	-6	-9
East Mundulla, 090137 (Jonty)	30	-16	10	13	6
Ejanding Poll, 145096	34	-3	-12	8	2
Haddon Rig, 2.715	21	-3	-11	-1	-12
Hazeldean, 11.43	22	7	13	-11	0
Ingle Poll, 130387	27	-8	-6	4	-12
Leahcim Poll, 090918	34	8	-6	-8	15
Merinotech WA Poll, 100081	36	15	-2	-12	-3
Moojepin, 140377	22	-7	-11	0	21
One Oak No. 2, R56	35	2	6	4	-6
Rhamily Poll, 110330 (Benny)	22	8	5	-9	-12
West Plains Poll, 110004 (Mercenary)	29	13	22	-10	-12
Wyambah Poll, 140141	24	-13	-12	16	15
Average	27	16	11	22	16

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).

[^] Progeny Number is the total ewe progeny for each sire at weaning.

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

Please see page 2 for a full description of trait names and an explanation of Flock Breeding Values.

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 Flock Breeding Values which are adjusted for birth effects, sire progeny numbers and associations between traits.

The Professional Classing results reported on page 22 are raw unadjusted data based on a five way class. More information about these differing approaches can be found on page 2.

Pingelly Site & Committee

The Pingelly MLP Site is located “Ridgefield” is a 1600ha mixed enterprise farm owned and operated by The University of Western Australia. The farm is located 160 km SE of Perth, near Pingelly in The Upper Great Southern region of WA. The farm is in a Mediterranean climate with an annual rainfall of 400-425mm.

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

Brett Jones (Chair)	Dowerin	Murray Hall	Brookton
Lynley Anderson	Kojonup	Ashley Hobbs	Brookton
Steven Bolt	Corrigin	Nathan King	Arthur River
Wayne Button	Tammin	Bill Sandilands	Kendenu
Bronwyn Clarke	Shenton Park	Graeme Martin	Crawley
Craig Dewar	Broomehill	Andrew Thompson	Murdoch Uni
Melanie Dowling	Katanning	David Thompson	Katanning
Shane Dunn	Pingelly	Daniel Gooding	Lake Grace
James Evans	Williams		

Updates

This publication will be updated on a regular basis as further assessments are undertaken.

This reported is complemented by a sire evaluation site report that is 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
bronwynclarke@outlook.com**

Acknowledgement

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

Disclaimer

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



MLP

Merino Lifetime Productivity Project



**Federation of
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