



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



Pingelly MLP 2016 and 2017 Drops

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



July 2018

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Contents

Understanding the Results	3
2017 Drop	
Sire and Contact Details	4-5
Raw Data	
Counts	6
Wool	7
Weight, Condition Score and Carcase Measurements	8
Birth and Rear Type	9
Visual Scores	10
Professional Classer Grade	11
Adjusted Sire Means	
Wool	12
Weight and Carcase	13
Classer's Visual Grade	14
Within-Site and Within-Drop Flock Breeding Values	
Wool, Weight and Carcase	15
Understanding Indexes	16
Indexes	17
2016 Drop	
Sire and Contact Details	18-19
Raw Data	
Counts	20
Wool	21
Weights	22
Condition Scores and Carcase Measurements	23
Birth and Rear Type	24
Reproduction in 2018	25
Visual Scores – Breech Traits	26
Visual Scores	27
Professional Classer Grade	28
Adjusted Sire Means	
Wool	29
Weight and Carcase	30
Classer's Visual Grade	31
Within-Site and Within-Drop Flock Breeding Values	
Wool	32
Weight, Carcase and WEC	33
Understanding Indexes	34
Indexes	35

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 presented in this report 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. The overall progeny group mean is listed at the bottom of each results table.	
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 each results 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 for the association between traits, the heritability of the trait, and non-genetic effects such as birth type, rear type and sex (see adjustments noted above for Adjusted Sire Means), 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:	M = Marking - 14 to 42 days W = Weaning - 42 to 120 days E = Early Post Weaning - 120 to 210 days P = Post Weaning - 210 to 300 days	Y = Yearling - 300 to 400 days H = Hogget - 400 to 540 days A2 = Adult - 1.5 to 2.5 years 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, pages 16 & 34 for more information).	
Professional Classer 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 or %) CFW: Clean fleece weight (kg or %) FD: Average fibre diameter (um) 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 (%)	CONC: Conception - ewes pregnant per 100 ewes joined LS: Litter Size – lambs born per 100 ewes lambing ERA: Ewe Rearing Ability – lambs weaned per 100 lambs born NLB: Number of lambs born per 100 ewes joined NLW: Number of lambs weaned per 100 ewes joined
Visual Traits as reported: Based on the Visual Sheep Scores.	BWR: Breech Wrinkle BCOV: Breech Cover DAG: Dag BDWR: Body Wrinkle COL: Wool Colour	CHAR: Wool Character FACE: Face Cover FLROT: Fleece Rot LEGS: Feet and Legs WEATH: Staple Weathering <i>Further traits are available in the Site Report.</i>
Trait Leaders:	The highest performing 3 (or more if equal) sires for each trait (trait leaders) are highlighted by shading .	

2017 Drop

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 name Sire ID #	Contact Details	Sire of Sire	Poll	Link Sire
Anderson Poll, 140474 609147-2014-140474	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	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	Bill Sandilands Billandri, Kendenup WA 6323 P: (08) 9851 4030, M: 0427 51 4030, E: billandri@inet.net.au	600571-2012-121423 (Billandri Poll, 121423)	PP	
Coromandel Poll, 130660 600553-2013-130660	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	Kristin Lefroy RSM 427, Moora WA 6510 P: (08) 9654 9066, M: 0418 92 5760, E: kristinlefroy@cranmore.com.au	Unknown	HH	
Edale, 10Z266K 504358-2010-0Z266K	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	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	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, 111122)	PH	
Moojepin, 120652 504637-2012-120652	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	

2017 Drop

Breeders flock, Sire name Sire ID #	Contact Details	Sire of Sire	Poll	Link Sire
Moorundie Poll, NE73 601502-2015-150073	Peter Wallis PO Box 32, Pinnaroo SA 5304 P: (08) 8576 6141, M: 0428 76 6126, E: peter@glenleaparkmerinos.com.au	601502-2011-110020 (Moorundie Poll, 110020)	PP	
Nearra Poll, 110264 609152-2011-110264	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	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	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	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	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.

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

2017 Drop

Raw Data

Counts – F1 Ewes

Breeders flock, Sire number	Marking 18/07/17	Weaning 28/09/17	Post Weaning Classing 06/03/18	Yearling 30/04/18	Survival Rate from Marking %
Anderson Poll, 140474	41	40	38	37	90%
Barloo Poll, 140027 (Eureka)	43	43	41	38	88%
Billandri Poll, 151280	41	41	39	37	90%
Coromandel Poll, 130660	43	43	39	38	88%
Cranmore, 132051	32	32	31	31	97%
Edale, 10Z266K	51	51	44	44	86%
Ingle Poll, 150087	39	39	38	36	92%
Mianelup Poll, M00540 (Expo)	49	48	43	43	88%
Moojepin, 120652	42	42	41	41	98%
Moorundie Poll, NE73	28	27	26	25	89%
Nearra Poll, 110264	46	45	43	43	93%
Rangeview Poll, 5-680	27	26	24	22	81%
Trigger Vale Poll, 140477	55	55	51	51	93%
West Plains Poll, 110004 (Mercenary)	32	32	28	28	88%
Woodyarrup, 150329	40	40	37	37	93%
Average	41	40	37	37	90%
Total	609	604	563	551	

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, age of measurement 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 growth in Months	
Post Weaning	9.5

Wool – F1 Ewes

Breeders flock, Sire number	Post Weaning 18/04/18					
	GFW (kg)	CFW (kg)	FD (um)	FDCV (%)	SL (mm)	SS (NKtex)
Anderson Poll, 140474	3.2	2.2	17.0	19.3	92.3	26.0
Barloo Poll, 140027 (Eureka)	3.2	2.2	16.8	20.6	89.2	27.3
Billandri Poll, 151280	3.3	2.2	16.0	20.0	88.6	24.0
Coromandel Poll, 130660	3.1	2.1	16.9	20.0	83.6	26.0
Cranmore, 132051	3.3	2.1	17.0	19.1	86.0	28.0
Edale, 10Z266K	3.3	2.1	16.5	21.1	82.5	23.2
Ingle Poll, 150087	3.1	1.9	16.8	18.4	87.0	32.5
Mianelup Poll, M00540 (Expo)	3.2	2.1	17.3	20.5	87.0	26.7
Moojepin, 120652	3.0	2.0	17.0	18.9	98.1	24.1
Moorundie Poll, NE73	3.5	2.3	16.4	21.2	89.6	23.3
Nearra Poll, 110264	3.1	2.0	16.8	18.9	87.2	25.3
Rangeview Poll, 5-680	3.4	2.2	16.1	20.0	84.5	25.2
Trigger Vale Poll, 140477	2.9	1.9	17.7	18.4	89.7	28.0
West Plains Poll, 110004 (Mercenary)	3.1	2.1	16.6	20.8	90.2	26.3
Woodyarrup, 150329	3.4	2.3	17.0	18.6	93.5	32.3
Average	3.2	2.1	16.8	19.7	88.6	26.5

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 differences in the foundation ewe sources. Persons should take particular care using raw data for genetic evaluation.

2017 Drop

Raw Data

Weights, Condition Score and Carcase Measurements – F1 Ewes

	Weights			Weight Gain Weaning to Yearling (kg)	Yearling 30/04/18		
	Weaning 28/09/17 (kg)	Post Weaning 30/01/18 (kg)	Yearling 30/04/18 (kg)		Condition Score	EMD (mm)	FAT (mm)
Anderson Poll, 140474	28.8	33.5	41.8	13.0	3.2	23.5	2.0
Barloo Poll, 140027 (Eureka)	28.9	31.7	40.3	11.4	2.9	21.3	1.7
Billandri Poll, 151280	27.1	30.6	40.2	13.1	3.1	21.6	1.6
Coromandel Poll, 130660	28.9	34.2	43.7	14.8	3.0	22.8	1.8
Cranmore, 132051	28.4	32.6	42.8	14.4	3.0	22.2	1.7
Edale, 10Z266K	27.8	31.4	40.6	12.8	3.0	21.9	1.7
Ingle Poll, 150087	29.0	33.0	42.8	13.8	3.0	23.2	1.9
Mianelup Poll, M00540 (Expo)	28.8	33.7	43.9	15.1	3.1	22.4	1.8
Moojepin, 120652	28.0	32.7	43.1	15.1	3.1	23.3	2.0
Moorundie Poll, NE73	29.2	33.7	42.0	12.8	3.0	21.9	1.7
Nearra Poll, 110264	27.8	31.3	42.4	14.6	3.2	23.5	2.0
Rangeview Poll, 5-680	29.8	32.1	39.6	9.8	2.9	20.0	1.4
Trigger Vale Poll, 140477	28.2	33.9	43.8	15.6	3.2	23.4	2.0
West Plains Poll, 110004 (Mercenary)	28.1	31.4	39.9	11.8	3.0	21.0	1.6
Woodyarrup, 150329	28.4	32.3	40.7	12.3	3.0	21.8	1.6
Average	28.5	32.5	41.8	13.4	3.0	22.3	1.8

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 differences in the foundation ewe sources. Persons should take particular care using raw data for genetic evaluation.

2017 Drop

Raw Data

Birth and Rear Type – F1 Ewes

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
Moorundie 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	190 31%	414 69%	282 47%	322 53%

****This relates to the F1 Ewes own birth and rear type****

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 differences in the foundation ewe sources. Persons should take particular care using raw data for genetic evaluation.

2017 Drop

Raw Data

Visual Scores

Breeders flock, Sire number	Marking 18/07/17		Yearling 04/05/18		Post Weaning 06/03/18					Post Weaning 18/04/18
	BWR	BCOV	BWR	BCOV	COL	WEATH	CHAR	LEGS	FACE	BDWR
Anderson Poll, 140474	2.0	2.6	1.7	4.3	2.5	2.3	3.0	2.1	1.7	1.3
Barloo Poll, 140027 (Eureka)	2.1	3.2	2.0	4.1	2.7	2.5	3.0	2.3	1.4	1.5
Billandri Poll, 151280	2.2	3.0	2.0	4.2	2.8	2.6	3.2	2.6	1.7	1.5
Coromandel Poll, 130660	1.8	3.0	1.8	4.1	2.9	2.6	3.4	2.3	1.4	1.4
Cranmore, 132051	2.0	2.9	1.8	4.0	2.8	2.4	2.6	2.2	1.3	1.3
Edale, 10Z266K	2.3	2.7	2.1	4.5	2.6	2.3	3.0	2.3	1.6	1.9
Ingle Poll, 150087	2.0	2.6	1.9	4.0	2.7	2.2	3.2	2.3	1.5	1.6
Mianelup Poll, M00540 (Expo)	1.8	3.0	1.8	4.1	2.8	2.6	2.9	2.2	1.5	1.3
Moojepin, 120652	1.6	3.0	1.5	4.1	2.8	2.9	3.1	2.2	1.5	1.1
Moorundie Poll, NE73	2.1	2.9	1.8	4.0	2.7	2.5	3.1	2.3	1.8	1.4
Nearra Poll, 110264	2.1	2.9	1.6	4.0	3.0	2.8	3.0	2.3	1.5	1.2
Rangeview Poll, 5-680	2.4	3.0	2.2	4.2	2.6	2.5	3.0	2.6	1.8	1.8
Trigger Vale Poll, 140477	1.5	2.7	1.4	3.7	2.7	2.6	3.2	2.2	1.6	1.1
West Plains Poll, 110004 (Mercenary)	2.1	3.3	1.9	4.2	2.3	2.4	2.8	2.5	2.0	1.3
Woodyarrup, 150329	1.9	2.8	1.8	4.1	2.6	2.4	2.5	2.1	1.7	1.4
Average	2.0	2.9	1.8	4.1	2.7	2.5	3.0	2.3	1.6	1.4

The Marking and Yearling BWR and BCOV breech traits plus Post Weaning BDWR traits reported are the results of both the F1 ewe and F1 wether progeny of sires. All of the remaining Post Weaning visual traits are scores from the F1 ewe progeny only.

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 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 06/03/18				
	Top	Stud	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
Moorundie 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	55	258	142	95
	2%	10%	46%	25%	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 14 is presented as Adjusted Sire Means which are adjusted for birth and rear type, age of dam, age of measurement and management group.

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 differences in the foundation ewe sources. Persons should take particular care using raw data for genetic evaluation.

2017 Drop

Adjusted Sire Means

Wool growth in Months	
Post Weaning	9.5

Wool

Breeders flock, Sire number	PGFW (kg)	PCFW (kg)	PFD (um)	PFDCV (%)	PSL (mm)	PSS (NKtex)
Anderson Poll, 140474	3.3	2.3	16.9	19.1	89.5	25.8
Barloo Poll, 140027 (Eureka)	3.3	2.2	16.5	20.2	84.0	26.9
Billandri Poll, 151280	3.5	2.3	15.9	19.4	87.2	24.0
Coromandel Poll, 130660	3.2	2.2	16.5	19.4	80.5	26.0
Cranmore, 132051	3.4	2.2	16.8	19.4	84.2	27.0
Edale, 10Z266K	3.4	2.3	16.2	20.6	79.3	23.0
Ingle Poll, 150087	3.2	2.1	16.4	18.9	84.5	30.7
Mianelup Poll, M00540 (Expo)	3.3	2.2	16.9	19.9	85.8	27.5
Moojepin, 120652	3.2	2.1	16.5	19.2	95.5	24.1
Moorundie Poll, NE73	3.5	2.3	16.1	21.0	84.2	25.3
Nearra Poll, 110264	3.2	2.0	16.5	18.7	84.0	25.4
Rangeview Poll, 5-680	3.4	2.2	16.0	20.1	81.5	26.1
Trigger Vale Poll, 140477	3.1	2.1	17.4	18.2	86.9	28.8
West Plains Poll, 110004 (Mercenary)	3.2	2.2	16.3	20.0	86.8	26.9
Woodyarrup, 150329	3.4	2.3	16.5	18.5	88.6	31.5
Average	3.3	2.2	16.5	19.5	85.5	26.6

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.

2017 Drop

Adjusted Sire Means

Weight and Carcase

Breeders flock, Sire number	WWT (kg)	PWT (kg)	YWT (kg)	YEMD (mm)	YFAT (mm)
Anderson Poll, 140474	28.9	34.0	42.4	23.7	2.0
Barloo Poll, 140027 (Eureka)	28.9	32.5	40.4	21.5	1.7
Billandri Poll, 151280	28.8	32.3	41.6	22.3	1.7
Coromandel Poll, 130660	29.9	35.2	44.2	22.3	1.8
Cranmore, 132051	29.3	33.8	43.5	21.9	1.7
Edale, 10Z266K	28.7	32.4	41.1	22.4	1.8
Ingle Poll, 150087	29.5	33.5	43.0	22.6	1.9
Mianelup Poll, M00540 (Expo)	29.5	34.0	43.7	21.9	1.8
Moojepin, 120652	28.9	33.4	42.7	23.2	2.0
Moorundie Poll, NE73	29.6	33.3	41.7	21.7	1.7
Nearra Poll, 110264	28.8	32.8	43.3	23.5	2.0
Rangeview Poll, 5-680	28.7	32.0	39.7	21.4	1.6
Trigger Vale Poll, 140477	29.9	35.3	44.9	22.9	1.9
West Plains Poll, 110004 (Mercenary)	28.7	32.4	40.3	21.3	1.6
Woodyarrup, 150329	28.4	32.5	40.3	21.8	1.7
Average	29.1	33.3	42.2	22.3	1.8

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.

2017 Drop

Adjusted Sire Means

Classer's Visual Grade – F1 Ewes

Classer: Preston Clarke

Breeders flock, Sire number	Progeny No [^]	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
Moorundie 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 No is the total ewe progeny number for each sire at weaning.

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

***Please note:** Two different classing approaches carried out separately by two different classers are reported in this booklet.*

The Classers Visual Grade results are presented in the table above as Adjusted Sire Means which are adjusted for birth and rear type, age of dam, age of measurement and management group.

The Professional Classing results reported on page 11 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, 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, Weight and Carcase

Breeders flock, Sire number	Progeny No [^]	Wool						Weight and Carcase				
		PGFW (%)	PCFW (%)	PFD (um)	PFDCV (%)	PSL (mm)	PSS (Nktex)	WWT (kg)	PWT (kg)	YWT (kg)	YEMD (mm)	YFAT (mm)
Anderson Poll, 140474	77	1	8	0.7	-0.7	6.4	-1.1	-0.3	1.5	0.3	3.2	2.0
Barloo Poll, 140027 (Eureka)	89	1	2	0.0	1.1	-2.7	0.9	-0.4	-2.0	-3.7	-1.6	-0.8
Billandri Poll, 151280	79	12	12	-1.2	-0.1	2.7	-4.9	-0.8	-1.6	-1.3	-0.1	-0.7
Coromandel Poll, 130660	98	-4	-4	-0.1	-0.1	-8.7	-1.3	1.6	4.0	4.3	-0.1	-0.1
Cranmore, 132051	75	7	-3	0.6	-0.2	-2.1	0.6	0.3	1.4	2.5	-0.9	-0.6
Edale, 10Z266K	97	5	6	-0.5	2.0	-10.8	-6.3	-0.9	-2.0	-3.0	0.0	0.0
Ingle Poll, 150087	86	-8	-13	-0.2	-1.2	-2.3	7.2	0.9	0.8	1.9	0.6	0.5
Mianelup Poll, M00540 (Expo)	94	-1	-3	0.8	0.7	0.6	1.7	0.9	1.0	3.0	-0.8	-0.3
Moojepin, 120652	88	-8	-7	0.1	-0.5	17.5	-4.2	-0.3	0.1	1.0	1.7	1.5
Moorundie Poll, NE73	61	11	11	-0.7	2.5	-1.7	-2.5	0.8	-0.7	-0.9	-1.2	-1.1
Nearra Poll, 110264	75	-7	-14	0.1	-1.3	-2.4	-1.7	-0.6	-0.2	2.3	2.4	1.6
Rangeview Poll, 5-680	65	4	3	-0.9	0.9	-6.6	-0.9	-0.7	-2.5	-4.1	-1.6	-1.2
Trigger Vale Poll, 140477	91	-12	-13	1.7	-2.4	2.2	4.2	1.8	4.5	6.0	1.4	1.4
West Plains Poll, 110004 (Mercenary)	55	-5	1	-0.4	0.8	2.2	0.2	-0.9	-2.3	-4.3	-1.9	-1.3
Woodyarrup, 150329	75	4	14	0.0	-1.6	5.6	8.0	-1.3	-2.0	-3.9	-1.0	-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)

[^] 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.

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.

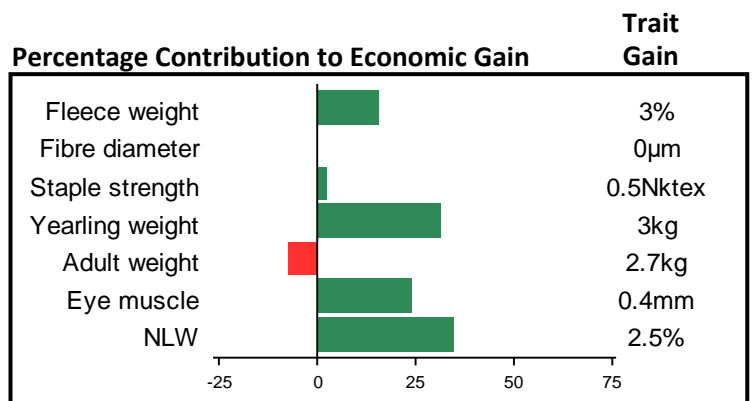
It is recommended that the performance of individual Flock Breeding Values and visually assessed traits is used in conjunction with an index as selection indexes assist in making balanced selection decisions.

The indexes on the following page are the 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 yet been recorded on the F1 ewes. The WP+ index is unique to AMSEA.

Charts shown display 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 applying 35% of their selection emphasis on traits that are not in the index (such as visually assessed performance).

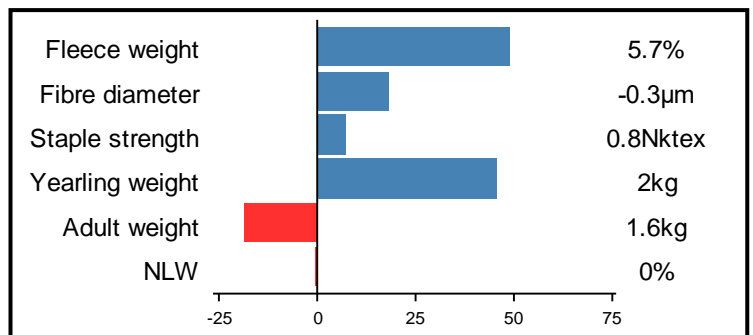
Dual Purpose Plus (DP+)

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



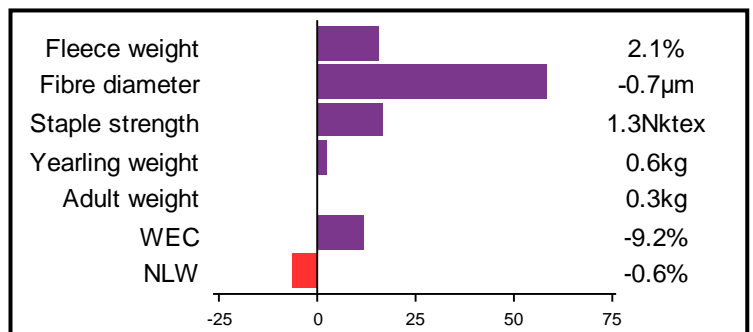
Merino Production Plus (MP+)

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



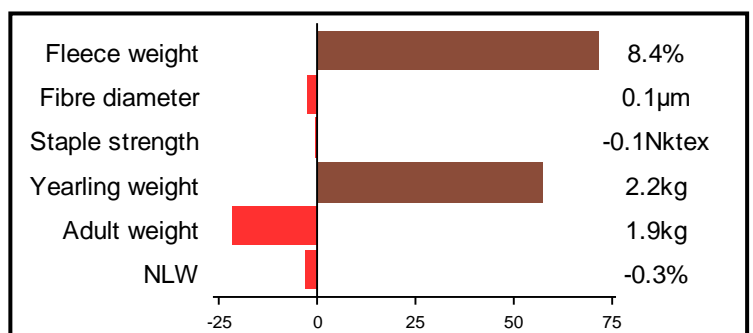
Fibre Production Plus (FP+)

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



Wool Production Plus (WP+)

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



2017 Drop

Within-Site and Within-Drop Indexes

Breeders flock, Sire number	Dual Purpose Plus	Merino Production Plus	Fibre Production Plus	Wool Production Plus
Anderson Poll, 140474	123	93	93	99
Barloo Poll, 140027 (Eureka)	77	97	101	97
Billandri Poll, 151280	100	108	109	107
Coromandel Poll, 130660	115	109	103	108
Cranmore, 132051	102	106	101	108
Edale, 10Z266K	90	94	94	98
Ingle Poll, 150087	112	103	105	95
Mianelup Poll, M00540 (Expo)	99	101	95	103
Moojepin, 120652	106	85	84	90
Moorundie Poll, NE73	93	110	107	111
Nearra Poll, 110264	121	93	92	94
Rangeview Poll, 5-680	78	101	106	97
Trigger Vale Poll, 140477	120	94	91	94
West Plains Poll, 110004 (Mercenary)	72	95	101	94
Woodyarrup, 150329	89	111	116	105

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

2016 Drop

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 name Sire ID #	Contact Details	Sire of Sire	Poll	Link Sire
Billandri Poll, 130641 600571-2013-130641	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	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	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	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	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	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	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, 070002)	PH	Link Sire
Ingle Poll, 130387 609154-2013-130387	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)		
Leahcim Poll, 090918 600815-2009-090918	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

2016 Drop

Breeders flock, Sire name Sire ID #	Contact Details	Sire of Sire	Poll	Link Sire
Merinotech WA Poll, 100081 609040-2010-100081	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	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	Graham Wells 1763 Great Alpine Road, Smoko VIC 3741 M: 0428 44 2930, E: oneoakpl@bigpond.com	503855-2008-080004 (One Oak, 080004)	HH	Link Sire
Rhamily Poll, 110330 (Benny) 601271-2011-110330	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	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	
Wyambeh Poll, 140141 601343-2014-140141	Peter Campbell Wyambeh, MS1111, Roma QLD 4455 P: (07) 4626 5454, M: 0427 19 5388, E: peter.campbell53@bigpond.com	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 all the site results can be combined into a separate report.

2016 Drop

Raw Data

Counts – F1 Ewes

	Marking	Weaning	Post Weaning Classing	Yearling	Hogget	Adult2 Classing	Survival Rate from Marking
Breeders flock, Sire number	21/07/16	26/09/17	16/03/17	09/05/17	29/09/17	05/03/18	%
Billandri Poll, 130641	35	35	34	34	34	30	86%
Boolading Blues Poll, 120708	23	22	21	21	21	21	91%
Claypans Poll, 130597	15	14	13	13	13	13	87%
East Mundulla, 090137 (Jonty)	30	30	29	29	29	29	97%
Ejanding Poll, 145096	34	34	34	33	33	33	97%
Haddon Rig, 2.715	21	21	19	19	19	18	86%
Hazeldean, 11.43	22	22	21	21	21	21	95%
Ingle Poll, 130387	29	27	26	26	26	25	86%
Leahcim Poll, 090918	35	34	34	34	34	34	97%
Merinotech WA Poll, 100081	36	36	36	35	35	33	92%
Moojepin, 140377	22	22	22	22	22	21	95%
One Oak No. 2, R56	36	35	30	29	29	29	81%
Rhamily Poll, 110330 (Benny)	23	22	22	22	22	21	91%
West Plains Poll, 110004 (Mercenary)	30	29	28	27	27	27	90%
Wyambeh Poll, 140141	24	24	23	23	23	23	96%
Average	28	27	26	26	26	25	91%
Total	415	407	392	388	388	378	

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, age of measurement 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

Breeders flock, Sire number	Post Weaning 12/04/17						Adult2 17/04/18					
	GFW (kg)	CFW (kg)	FD (um)	FDCV (%)	SL (mm)	SS (NKtex)	GFW (kg)	CFW (kg)	FD (um)	FDCV (%)	SL (mm)	SS (NKtex)
Billandri Poll, 130641	3.0	1.9	16.8	19.3	76.5	41.8	6.5	4.1	18.0	16.4	116.9	25.1
Boolading Blues Poll, 120708	3.3	2.3	18.7	19.5	85.5	42.8	6.4	4.2	21.0	16.0	123.9	25.9
Claypans Poll, 130597	2.7	1.8	16.7	18.0	67.8	46.2	5.9	4.1	18.3	15.0	111.2	30.1
East Mundulla, 090137 (Jonty)	3.0	2.0	16.7	20.6	70.9	37.6	6.4	4.1	18.2	18.0	110.0	21.0
Ejanding Poll, 145096	2.8	1.9	17.3	17.0	81.1	51.1	6.0	3.9	19.1	15.2	122.2	30.2
Haddon Rig, 2.715	3.0	2.0	17.2	19.5	74.8	42.7	6.2	4.1	18.4	16.4	112.8	28.3
Hazeldean, 11.43	3.1	2.1	16.6	19.8	79.8	39.4	6.4	4.0	18.0	16.0	121.8	24.1
Ingle Poll, 130387	2.8	1.7	16.2	17.9	75.5	40.9	6.0	3.3	17.3	16.2	113.2	23.7
Leahcim Poll, 090918	2.6	1.7	16.6	18.2	83.1	44.6	5.4	3.3	17.7	15.0	121.7	26.4
Merinotech WA Poll, 100081	2.8	1.9	17.2	18.6	79.0	44.0	5.9	3.8	18.2	14.7	117.3	30.8
Moojepin, 140377	2.7	1.8	17.3	19.6	86.3	35.9	5.6	3.4	18.8	16.2	130.1	22.0
One Oak No. 2, R56	3.0	2.0	16.5	21.5	71.9	37.5	6.5	4.1	17.5	18.5	111.0	20.4
Rhamily Poll, 110330 (Benny)	2.9	2.0	17.2	18.8	72.5	44.5	6.1	3.9	18.3	15.2	111.9	28.7
West Plains Poll, 110004 (Mercenary)	2.8	1.9	16.7	19.5	74.7	42.8	5.9	3.9	18.0	16.2	111.7	23.7
Wyambah Poll, 140141	2.8	1.8	17.2	20.0	85.7	34.9	5.6	3.5	18.9	15.2	126.5	29.8
Average	2.9	1.9	17.0	19.2	77.7	41.8	6.1	3.8	18.4	16.0	117.5	26.0

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 differences in the foundation ewe sources. Persons should take particular care using raw data for genetic evaluation.

2016 Drop

Raw Data

Weights – F1 Ewes

	Weaning 26/09/16 (kg)	Post Weaning 27/03/17 (kg)	Yearling 09/05/17 (kg)	Weight Gain Weaning to Yearling (kg)	Hogget 29/9/17 (kg)	Adult2 Pre Joining 21/12/18	Weight Gain Weaning to Joining (kg)	Adult2 Preg Scan 22/03/18 (kg)
Billandri Poll, 130641	30.3	39.1	40.2	9.9	54.4	54.3	24.0	62.8
Boolading Blues Poll, 120708	32.6	42.5	42.4	9.8	56.2	57.4	24.8	65.1
Claypans Poll, 130597	28.7	37.3	38.6	9.9	51.4	52.2	23.5	60.4
East Mundulla, 090137 (Jonty)	30.6	38.9	39.9	9.3	54.3	53.8	23.2	61.7
Ejanding Poll, 145096	28.8	39.1	40.4	11.6	53.9	54.1	25.3	62.3
Haddon Rig, 2.715	29.4	38.2	38.8	9.4	51.8	50.8	21.4	58.5
Hazeldean, 11.43	31.8	39.5	39.9	8.1	55.9	55.3	23.5	64.1
Ingle Poll, 130387	29.9	40.2	41.2	11.3	53.8	55.3	25.4	60.8
Leahcim Poll, 090918	28.8	36.7	38.3	9.5	50.4	50.4	21.6	57.8
Merinotech WA Poll, 100081	28.4	37.2	38.5	10.1	50.0	50.6	22.2	58.8
Moojepin, 140377	29.7	38.9	40.5	10.8	52.3	53.4	23.7	60.5
One Oak No. 2, R56	29.9	36.9	37.4	7.5	51.3	52.7	22.8	60.8
Rfamily Poll, 110330 (Benny)	31.6	40.9	42.0	10.4	55.0	55.4	23.8	63.9
West Plains Poll, 110004 (Mercenary)	29.0	37.2	38.3	9.3	51.5	51.1	22.1	58.2
Wyambah Poll, 140141	31.2	39.4	39.7	8.5	50.9	52.5	21.3	59.7
Average	30.0	38.8	39.7	9.7	52.9	53.3	23.2	61.0

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 differences in the foundation ewe sources. Persons should take particular care using raw data for genetic evaluation.

2016 Drop

Raw Data

Condition Score and Carcase Measurements – F1 Ewes

Breeder's flock, Sire number	Condition Scores				Carcase Measurements			
	Yearling 09/05/17	Hogget 29/09/17	Adult2 Pre Joining 21/12/17	Adult2 Preg Scan 22/03/18	Post Weaning 27/03/17		Adult2 21/12/17	
					EMD (mm)	FAT (mm)	EMD (mm)	FAT (mm)
Billandri Poll, 130641	2.9	2.9	3.1	3.2	21.4	1.8	24.3	2.2
Boolading Blues Poll, 120708	2.8	2.8	3.0	3.2	22.5	1.8	25.0	2.0
Claypans Poll, 130597	2.9	2.9	3.1	3.1	20.4	1.6	23.8	2.0
East Mundulla, 090137 (Jonty)	2.8	2.7	2.8	3.0	20.3	1.5	22.9	1.8
Ejanding Poll, 145096	3.0	2.9	3.1	3.2	20.9	1.7	23.8	2.1
Haddon Rig, 2.715	2.9	2.8	2.8	3.2	20.9	1.6	22.6	1.8
Hazeldean, 11.43	2.8	2.9	3.0	3.2	21.0	1.6	24.0	2.0
Ingle Poll, 130387	3.1	2.9	3.2	3.3	21.8	1.9	25.0	2.3
Leahcim Poll, 090918	2.8	2.8	2.9	3.2	20.6	1.6	23.2	1.9
Merinotech WA Poll, 100081	3.0	2.9	3.1	3.1	21.5	1.8	24.0	2.2
Moojepin, 140377	2.9	2.9	3.0	3.2	21.5	1.8	25.0	2.3
One Oak No. 2, R56	2.8	2.8	2.9	3.0	20.3	1.6	23.2	2.0
Rhamily Poll, 110330 (Benny)	2.9	2.9	3.0	3.0	21.9	1.7	23.6	2.0
West Plains Poll, 110004 (Mercenary)	2.9	2.7	2.8	3.0	20.8	1.6	22.7	1.9
Wyambeh Poll, 140141	3.0	2.9	3.1	3.0	22.1	1.8	24.3	2.0
Average	2.9	2.8	3.0	3.1	21.2	1.7	23.8	2.0

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 differences in the foundation ewe sources. Persons should take particular care using raw data for genetic evaluation.

2016 Drop

Raw Data

Birth and Rear Type – F1 Ewes

Breeders flock, Sire number	F1 Ewes Weaned	Birth Type (Scanning)			Rear Type (Weaning)		
		Single	Twin	Triplets	Single	Twin	Triplets
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	
Rfamily Poll, 110330 (Benny)	22	11	11		14	8	
West Plains Poll, 110004 (Mercenary)	29	15	14		15	14	
Wyambah Poll, 140141	24	15	9		19	5	
Total	407	212 52%	189 46%	6 1%	249 61%	158 39%	0 0%

****This relates to the F1 Ewes own birth and rear type****

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 differences in the foundation ewe sources. Persons should take particular care using raw data for genetic evaluation.

2016 Drop

Raw Data

Reproduction in 2018 – F1 Ewes

Breeders flock, Sire number	Ewes Joined	Pregnancy Scanning 23/03/18				Foetus Rate ¹
		Ewe Numbers			Number	
		Empty	Single	Twin	Foetuses	
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 16%	280 46%	76 38%	432	112%

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

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 differences in the foundation ewe sources. Persons should take particular care using raw data for genetic evaluation.

2016 Drop

Raw Data

Visual Scores – Breech Traits

Breeders flock, Sire number	Marking 21/07/16		Adult2 27/04/18	
	BWR	BCOV	BWR	BCOV
Billandri Poll, 130641	2.5	2.4	2.1	3.0
Boolading Blues Poll, 120708	2.1	2.4	1.8	3.0
Claypans Poll, 130597	3.0	2.3	2.1	3.0
East Mundulla, 090137 (Jonty)	2.6	2.9	1.9	3.0
Ejanding Poll, 145096	2.1	2.2	1.4	3.0
Haddon Rig, 2.715	2.3	2.7	1.9	3.0
Hazeldean, 11.43	2.6	2.6	2.0	2.9
Ingle Poll, 130387	2.4	2.4	1.6	3.0
Leahcim Poll, 090918	1.9	2.2	1.6	3.0
Merinotech WA Poll, 100081	2.7	2.4	2.0	2.9
Moojepin, 140377	2.0	2.2	1.3	2.8
One Oak No. 2, R56	2.7	2.8	2.2	3.3
Rfamily Poll, 110330 (Benny)	2.4	2.6	1.5	3.0
West Plains Poll, 110004 (Mercenary)	2.7	2.7	2.0	3.2
Wyambah Poll, 140141	2.0	2.5	1.8	3.1
Average	2.4	2.5	1.8	3.0

The Marking and Adult2 BWR and BCOV traits reported are the results of both the F1 ewe and F1 wether progeny 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, age of measurement 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

Breeders flock, Sire number	Post Weaning 16/03/17						Adult2 05/03/18					Adult2 27/04/18
	COL	FLROT	CHAR	LEGS	FACE	BDWR	COL	WEATH	CHAR	LEGS	FACE	BDWR
Billandri Poll, 130641	2.7	1.2	2.7	2.6	1.3	1.7	2.9	2.5	2.8	2.2	1.7	1.7
Boolading Blues Poll, 120708	2.9	1.3	3.1	2.3	1.2	1.5	3.1	2.8	3.4	2.1	1.4	1.5
Claypans Poll, 130597	2.8	1.5	2.7	2.7	1.3	1.7	2.5	2.3	2.7	2.1	1.7	1.7
East Mundulla, 090137 (Jonty)	2.9	1.6	2.5	2.4	1.6	1.8	2.9	2.7	2.3	2.0	1.8	1.7
Ejanding Poll, 145096	2.7	1.5	2.2	2.4	1.3	1.4	3.1	2.7	2.6	2.3	1.6	1.1
Haddon Rig, 2.715	2.8	1.4	2.7	2.5	2.2	1.6	2.8	2.5	2.6	2.5	2.6	1.2
Hazeldean, 11.43	2.4	1.1	2.4	2.5	1.6	1.8	2.9	2.5	2.8	2.3	2.0	1.9
Ingle Poll, 130387	3.0	1.6	2.6	2.5	1.4	1.4	2.9	2.6	2.9	2.2	1.7	1.5
Leahcim Poll, 090918	2.5	1.1	2.4	2.5	1.5	1.2	2.7	2.7	2.6	2.0	1.6	1.1
Merinotech WA Poll, 100081	2.6	1.0	2.6	2.8	1.5	1.9	2.5	2.4	3.1	2.2	1.9	1.8
Moojepin, 140377	2.7	1.1	2.7	2.5	1.1	1.3	3.2	3.0	3.2	2.2	1.3	1.1
One Oak No. 2, R56	2.6	1.4	2.8	2.4	1.8	2.2	2.9	2.6	2.9	2.3	2.1	1.7
Rhamily Poll, 110330 (Benny)	2.6	1.3	2.3	2.4	1.5	1.6	2.7	2.5	2.6	2.2	1.7	1.3
West Plains Poll, 110004 (Mercenary)	2.2	1.0	2.2	2.5	1.9	1.8	2.3	2.4	2.1	2.4	2.4	1.6
Wyambeh Poll, 140141	2.9	1.3	3.2	2.5	1.1	1.3	2.6	2.8	3.5	2.0	1.4	1.5
Average	2.7	1.3	2.6	2.5	1.5	1.6	2.8	2.6	2.8	2.2	1.8	1.5

The Adult2 BDWR trait reported is the results of both the F1 ewe and F1 wether progeny of the sires
 All of the Post Weaning visual traits and remaining Adult2 visual traits are scores from the F1 ewe progeny only.

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 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 16/03/17					Adult2 05/03/18				
	Top	Stud	Flock	Sale	Cull	Top	Stud	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
Rfamily 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%	44%	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 31 is presented as Adjusted Sire Means which are adjusted for birth and rear type, age of dam, age of measurement and management group.

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 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

Breeders flock, Sire number	PGFW (kg)	AGFW (kg)	PCFW (kg)	ACFW (kg)	PFD (um)	AFD (um)	PFDCV (%)	AFDCV (%)	PSL (mm)	ASL (mm)	PSS (Nktex)	ASS (Nktex)
Billandri Poll, 130641	3.0	6.4	2.1	4.1	16.7	17.3	18.6	17.1	78.8	113.7	40.2	24.9
Boolading Blues Poll, 120708	3.2	6.2	2.3	4.2	18.6	20.1	18.9	16.6	86.9	122.0	45.2	28.1
Claypans Poll, 130597	2.8	5.9	2.0	4.1	16.7	17.8	18.9	17.4	71.3	108.1	41.8	27.8
East Mundulla, 090137 (Jonty)	3.0	6.2	2.0	4.1	16.7	17.6	20.5	18.4	72.5	107.7	36.2	21.0
Ejanding Poll, 145096	2.8	5.8	2.0	4.0	17.1	18.4	16.7	16.0	83.2	121.0	47.0	30.1
Haddon Rig, 2.715	3.0	6.0	2.1	4.1	17.0	17.6	19.5	17.2	77.3	110.4	40.5	26.3
Hazeldean, 11.43	3.0	6.0	2.1	3.9	16.3	17.0	19.2	17.7	80.2	115.2	37.6	21.7
Ingle Poll, 130387	2.8	5.9	1.8	3.5	16.1	16.8	18.0	16.6	76.1	111.5	40.7	24.1
Leahcim Poll, 090918	2.7	5.3	1.9	3.5	16.5	17.0	18.1	16.5	84.1	116.6	43.7	25.1
Merinotech WA Poll, 100081	2.9	5.9	2.0	4.0	17.0	17.6	17.9	15.7	83.0	116.4	43.6	28.2
Moojepin, 140377	2.7	5.5	1.8	3.6	17.2	18.0	19.5	17.1	88.0	128.2	37.9	22.6
One Oak No. 2, R56	3.0	6.1	2.0	4.0	16.2	16.6	21.3	19.1	73.2	104.6	35.1	20.3
Rfamily Poll, 110330 (Benny)	2.9	6.0	2.0	4.0	17.2	18.0	18.9	16.4	72.9	108.3	42.3	28.8
West Plains Poll, 110004 (Mercenary)	2.9	5.8	2.0	3.9	16.7	17.3	19.6	17.5	78.3	110.1	41.2	24.2
Wyambeh Poll, 140141	2.8	5.5	1.9	3.6	17.4	18.3	19.2	17.2	89.7	124.0	37.6	26.3
Average	2.9	5.9	2.0	3.9	16.9	17.7	19.0	17.1	79.7	114.5	40.7	25.3

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

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). Adjustments HAVE NOT yet been made for F1 ewe pregnancy and lactation status – these are in development.

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	58.8	21.6	22.2	1.8	1.8
Boolading Blues Poll, 120708	31.8	39.2	44.9	50.1	60.7	21.8	22.1	1.7	1.6
Claypans Poll, 130597	30.4	35.9	42.6	48.3	59.0	21.6	22.3	1.7	1.7
East Mundulla, 090137 (Jonty)	31.1	36.6	43.1	49.6	58.5	20.6	21.1	1.5	1.5
Ejanding Poll, 145096	30.4	37.7	44.8	50.1	60.0	21.5	22.0	1.7	1.7
Haddon Rig, 2.715	31.1	36.1	42.3	47.6	55.1	21.0	21.2	1.6	1.6
Hazeldean, 11.43	32.3	36.8	43.0	50.4	59.5	21.2	21.8	1.6	1.7
Ingle Poll, 130387	30.2	37.1	43.2	47.5	57.0	21.5	22.1	1.8	1.8
Leahcim Poll, 090918	31.0	36.5	42.6	46.5	55.3	21.6	21.9	1.7	1.6
Merinotech WA Poll, 100081	29.5	35.1	41.9	46.4	56.2	22.6	23.1	1.9	1.9
Moojepin, 140377	30.3	36.5	42.9	47.4	56.8	21.6	22.7	1.7	1.8
One Oak No. 2, R56	31.2	35.6	41.0	46.6	57.2	21.2	21.8	1.7	1.6
Rhamily Poll, 110330 (Benny)	32.3	38.2	45.2	50.6	60.7	21.4	21.6	1.7	1.7
West Plains Poll, 110004 (Mercenary)	30.7	36.3	42.0	47.2	56.0	21.4	21.4	1.7	1.6
Wyambeh Poll, 140141	31.0	36.3	42.0	45.5	54.6	22.0	22.7	1.7	1.7
Average	31.0	36.7	43.0	48.2	57.7	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). Adjustments HAVE NOT yet been made for F1 ewe pregnancy and lactation status – these are in development.

2016 Drop

Adjusted Sire Means

Classer's Visual Grade – F1 Ewes

Breeders flock, Sire number	Progeny No [^]	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
Wyambeh Poll, 140141	24	-13	-12	16	15
Average	27	16	11	22	16

Classer: Preston Clarke

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 No is the total ewe progeny number for each sire at weaning.

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

***Please note:** Two different classing approaches carried out separately by two different classers are reported in this booklet.*

The Classers Visual Grade results are presented in the table above as Adjusted Sire Means which are adjusted for birth and rear type, age of dam, age of measurement and management group.

The Professional Classing results reported on page 28 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, age of dam, age of measurement and management group (which includes accounting for differences in the foundation ewe sources). Adjustments HAVE NOT yet been made for F1 ewe pregnancy and lactation status – these are in development.

2016 Drop

Within-Site and Within-Drop Flock Breeding Values

Wool

Breeders flock, Sire number	Progeny No [^]	PGFW (%)	AGFW (%)	PCFW (%)	ACFW (%)	PFD (um)	AFD (um)	PFDCV (%)	AFDCV (%)	PSL (mm)	ASL (mm)	PSS (Nktex)	PSS (Nktex)
Billandri Poll, 130641	57	10	13	5	11	-0.5	-0.7	-0.4	0.0	-2.1	-1.1	-0.7	-0.2
Boolading Blues Poll, 120708	42	22	9	29	13	3.1	4.5	-0.3	-0.8	11.0	13.3	7.5	5.3
Claypans Poll, 130597	28	-4	1	-1	9	-0.3	0.1	0.2	0.3	-12.4	-10.4	1.3	2.4
East Mundulla, 090137 (Jonty)	55	6	10	5	8	-0.3	-0.3	2.4	2.4	-11.1	-11.9	-7.8	-6.8
Ejanding Poll, 145096	70	-8	-2	3	3	0.3	1.3	-3.6	-2.1	5.9	11.8	10.9	7.6
Haddon Rig, 2.715	41	5	3	8	6	0.1	0.0	0.8	0.2	-4.0	-6.9	-0.7	1.7
Hazeldean, 11.43	45	9	2	7	-1	-1.1	-1.4	0.6	0.7	0.8	1.0	-5.3	-5.5
Ingle Poll, 130387	52	-9	-5	-22	-16	-1.2	-1.8	-1.5	-0.9	-5.4	-4.8	0.8	-1.0
Leahcim Poll, 090918	70	-15	-17	-13	-19	-0.8	-1.4	-1.6	-1.0	7.4	3.2	4.9	0.1
Merinotech WA Poll, 100081	58	0	0	1	3	0.2	-0.2	-1.8	-2.2	4.2	3.4	5.5	4.3
Moojepin, 140377	49	-12	-10	-14	-13	0.5	0.7	0.6	0.0	14.7	23.3	-4.9	-3.9
One Oak No. 2, R56	67	3	6	1	5	-1.3	-2.1	3.7	3.6	-11.7	-18.5	-10.4	-8.9
Rhamily Poll, 110330 (Benny)	51	-1	3	1	3	0.5	0.6	-0.3	-1.1	-10.6	-11.3	2.4	5.7
West Plains Poll, 110004 (Mercenary)	52	0	-1	1	0	-0.4	-0.7	0.8	0.8	-2.7	-8.1	0.6	-1.7
Wyambah Poll, 140141	55	-6	-12	-11	-12	1.0	1.3	0.4	0.1	16.1	17.0	-4.1	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)

[^] 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

Weight, Carcase and WEC

Breeders flock, Sire number	Progeny No [^]	WWT (kg)	PWT (kg)	YWT (kg)	HWT (kg)	AWT (kg)	PEMD (mm)	HEMD (mm)	PFAT (mm)	HFAT (mm)	HWEC (%)
Billandri Poll, 130641	57	0.5	0.4	0.9	2.1	1.5	0.0	0.2	0.4	0.9	-49
Boolading Blues Poll, 120708	42	1.9	4.0	4.0	4.1	4.1	0.5	0.4	0.2	-0.3	17
Claypans Poll, 130597	28	-0.7	-0.7	-0.5	0.7	1.7	0.3	0.8	0.1	0.2	43
East Mundulla, 090137 (Jonty)	55	0.0	-0.1	0.8	2.4	1.2	-1.5	-2.1	-1.1	-1.9	101
Ejanding Poll, 145096	70	-0.6	2.3	3.5	3.8	3.4	-0.1	0.1	0.2	0.4	-96
Haddon Rig, 2.715	41	-0.3	-1.0	-1.4	-1.6	-2.6	-0.9	-1.5	-0.7	-1.2	58
Hazeldean, 11.43	45	1.4	0.3	0.3	3.6	2.6	-0.6	-0.2	-0.6	0.0	7
Ingle Poll, 130387	52	-0.4	0.2	-0.5	-1.2	-0.8	0.1	0.7	0.5	1.0	-71
Leahcim Poll, 090918	70	0.1	-0.9	-0.6	-3.3	-3.3	0.2	-0.3	-0.1	-0.7	-46
Merinotech WA Poll, 100081	58	-2.2	-2.6	-2.7	-2.9	-2.2	1.9	2.6	1.3	2.5	-45
Moojepin, 140377	49	-0.9	-0.5	0.0	-1.2	-0.7	0.3	1.0	0.3	1.2	7
One Oak No. 2, R56	67	0.0	-2.0	-3.3	-2.9	-1.6	-0.6	-1.0	-0.5	-0.9	143
Rhamily Poll, 110330 (Benny)	51	1.6	2.3	3.8	3.9	3.6	-0.2	-0.8	-0.1	-0.4	11
West Plains Poll, 110004 (Mercenary)	52	-0.8	-1.3	-2.2	-3.1	-3.0	-0.4	-1.4	-0.3	-1.1	226
Wyambeh Poll, 140141	55	0.2	-0.4	-2.0	-4.3	-3.9	1.0	1.4	0.4	0.3	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)

[^] 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.

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.

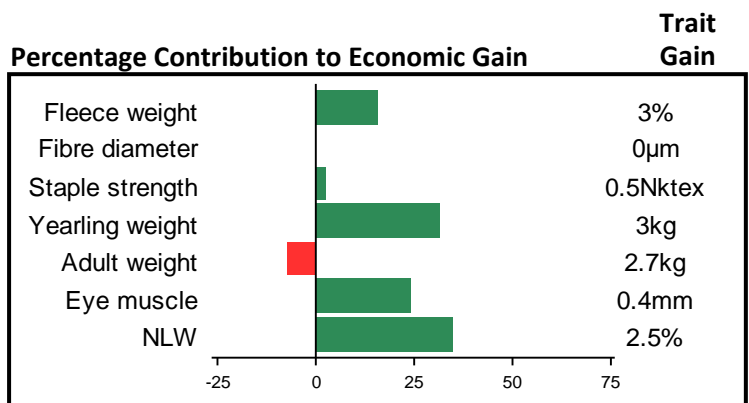
It is recommended that the performance of individual Flock Breeding Values and visually assessed traits is used in conjunction with an index as selection indexes assist in making balanced selection decisions.

The indexes on the following page are the 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 yet been recorded on the F1 ewes. The WP+ index is unique to AMSEA.

Charts shown display 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 applying 35% of their selection emphasis on traits that are not in the index (such as visually assessed performance).

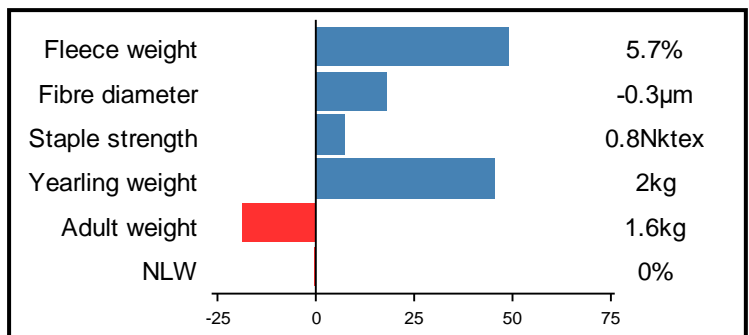
Dual Purpose Plus (DP+)

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



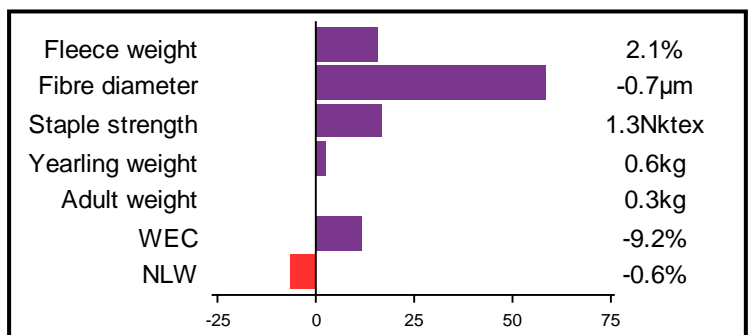
Merino Production Plus (MP+)

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



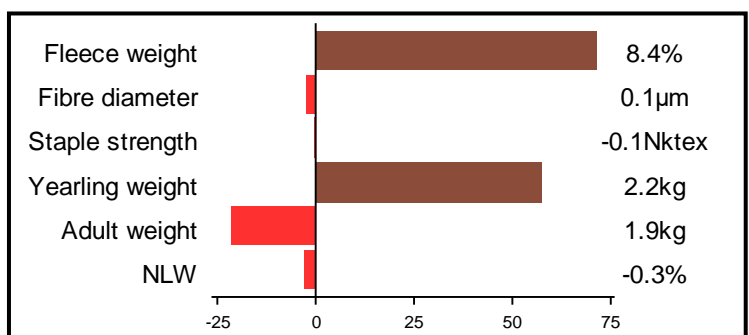
Fibre Production Plus (FP+)

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



Wool Production Plus (WP+)

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



2016 Drop

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	118	124	125	122
Boolading Blues Poll, 120708	106	96	75	114
Claypans Poll, 130597	120	111	110	109
East Mundulla, 090137 (Jonty)	85	110	96	115
Ejanding Poll, 145096	122	115	118	112
Haddon Rig, 2.715	90	109	104	108
Hazeldean, 11.43	96	114	109	113
Ingle Poll, 130387	102	89	106	80
Leahcim Poll, 090918	88	85	99	76
Merinotech WA Poll, 100081	122	102	113	98
Moojepin, 140377	83	67	67	74
One Oak No. 2, R56	85	100	99	100
Rfamily Poll, 110330 (Benny)	112	117	110	114
West Plains Poll, 110004 (Mercenary)	85	99	92	97
Wyambah Poll, 140141	85	61	64	68

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

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	Murdoch Uni	Graeme Martin	UWA
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 report is complemented by a sire evaluation site report that is published at the completion of the post weaning and adult assessment stages.

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 Macquarie 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.

This publication should only be used as a general aid and is not a substitute for specific advice. To the extent permitted by law, we exclude all liability for loss or damage arising from the use of the information in this publication. ©2018 Australian Wool Innovation Ltd. All rights reserved.

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