

NORTH EAST VICTORIA MERINO SIRE EVALUATION

DOOKIE COLLEGE

Trial 6

2002 DROP HOGGET RESULTS

(1st Shearing – 2003)

&

Combined Analysis 1997 -2003



IMPORTANT NOTICE:

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Conduct Of Sire Evaluation Schemes

This evaluation is an accredited sire evaluation program run under the auspices of the Australian Merino Sire Evaluation Association. The established guidelines have been followed to enable a accurate and fair comparison of the merino rams entered allowing the results to be published in the Merino Superior Sires report. The North East Victoria Sire Evaluation committee would like to thank all of the sponsors who have assisted with this trial.

Entrants 2002 Mating

Ram	Graph Code	Full Sire Code	Owner
Bindawarra 510	B 510	5038921999000510	Bill McInness
Broxbourne Park A 172*	BP A172	504031199500A172	Robin & Carol Steers
Broxbourne Park Y 64	BP Y 64	504031199900Y064	Robin & Carol Steers
Dundoos Park 801	DP 801	5045631997000801	Peter Cathles
Gringegalgona 4A720	G 4A720	50309720004A0720	Stephen Silcock
Jema 8.11	J 8.11	5048512000000811	Ian Gill
Kerrsville 98-80	K 98-80	5035091998000080	Robert Plush
Kilfeera Park 9.100	KP 9.100	5034251999000100	Murray & Fiona McKenzie
Kurra Wirra BZ 480*	KW BZ 480	5041731997BZ0480	Robert Close
Toland Poll W 183	TP W 183	601082200100W183	Phillip & Georgina Toland
Wirrate BL 179	W BL 179	50474120010BL179	Ken & Sandra Heal

* Indicates this ram is a Link Sire

Management Report

Two Link Sires were mated to allow a direct comparison with all of the other sires used in the national fine wool sire evaluation scheme. A Link sire is a sire which has been mated in another accredited sire evaluation and has at least 25 evaluated progeny. The 2002 joining used Broxbourne Park A172 and Kurra Wirra BZ 480 as link sires.

Main Events Calendar

2002	25th January	Class & Tag Ewes
	13th February	Insemination
	23rd April	Pregnancy Scan
	4th July	Ewes drafted into lambing paddocks
	11th July	Lambing Starts
	18th July	Lambing Finished
	2nd August	Lambs Tagged and run together
	15th August	Lambs Marked/Mulesed and skin assessed
2003	10th June	1st Classing (Roger Bennett)
	15th June	1st Assessment Shearing (11 months wool)

Presentation Of Results - Objectively Measured Traits

The results for the objectively measured traits are presented as Raw Averages and as EPVs.

Raw Averages

The raw averages reflect the **actual performance** of the progeny from each sire. They do not take into account the effects of birth type (ie whether twin or single) or sex (wether ewe or wether) into account. They assume that each sire was mated to a ewe group of similar genetic merit.

The raw averages do not necessarily reflect the actual value of how these rams would perform in another environment, over another ewe base. Half the genes of the progeny in this trial come from the dams. The actual values will reflect the genetics of the ewe base.

Estimated Progeny Values

To overcome this, we have also calculated estimated progeny values (or EPVs). The EPV takes into account whether an animal was born as a twin or a single, and whether or not it was born a male or a female. The EPVs also take into account the number of progeny per sire group. The EPVs can help to give you more of an estimate of how these animals would perform on your farm, over your ewes. However, because the EPVs published here are only compared to each other, it will only tell you how you would expect these animals to perform relative to each other. For example a sire with an EPV for fibre diameter of 1.0 would be expected to have progeny which were one micron stronger than a ram with an EPV of 0.0 (the average). The actual fibre diameter of the progeny will depend upon the ewe base, and how they were managed. However, regardless of this, we would expect the ram with the lower EPV to have progeny which was about 1µm finer.

Estimated progeny values (EPV) have been calculated for the major measured traits such as fibre diameter, fleece weight, body weight and fibre diameter coefficient of variation. EPVs are presented as deviations (differences) from the average of the sires in the evaluation.

For those familiar with Estimated Breeding Values (EBV), an EPV is equivalent to ½ an EBV.

Fleece Weight and Body Weight

Individual greasy fleece weights (unskirted fleece) were collected for all progeny at shearing. Fleece weights are expressed as both greasy fleece weight (GFW) and clean fleece weight (CFW). Body weights (BW) were measured directly off the board with all sheep empty and fleece free.

The fleece weight and body weight EPVs are expressed as a percentage deviation from the average. For example:

CFW EPV (%)	BW EPV (%)	
Ram 1	5.2	-3.6
Ram 2	0.0	4.3

Progeny from Ram 1 would be expected to produce 5.2% more CFW than progeny from Ram 2 and have a body weight 7.9% lower than progeny from Ram 2 when joined to ewes with the same CFW and body weight.

Wool Measurements

Mid side samples were taken prior to shearing and measured by Riverina Fleece Testing Services. The samples were measured for fibre diameter (FD), yield (Yld), fibre diameter coefficient of variation (CV), percentage of fibres greater than 30 μ and curvature (CURV.).

Fibre diameter EPVs are expressed in micron as deviations from the average, whereas CV is expressed as a percentage deviation. For example:

FD EPV (μ m)	CV EPV (%)	
Ram 1	1.0	2.8
Ram 2	-1.0	0.0

Progeny from Ram 1 would be expected to be 2 micron stronger and have a fibre diameter coefficient of variation 2.8% higher than Ram 2.

Fibre Curvature (Curv.) is the average curvature of fibre snippets measured by the OFDA. The value is expressed in degrees per millimetre fibre length. Fibre Curvature is closely correlated to crimp frequency (the number of crimps per centimetre). Therefore the lower the crimp frequency, the lower the fibre curvature.

Accuracy

The accuracy of the estimated progeny values is determined by the number of progeny analysed. The accuracy is rated as either high, medium or low. Estimated progeny values for animals with low progeny numbers are adjusted towards the average of the group.

High accuracy - Greater than 55 progeny

Medium accuracy - 20 to 55 progeny

Low accuracy - Less than 20 progeny (if there is only one assessment), less than 15 progeny (if there are two assessments). Results from these sires are not reported.

**Table 1. 2002 Drop North East Victoria Sire Evaluation - Raw Averages
1st Assessment (2003) - 11 months of age and 11 months wool.**

Ram ID	No of Progeny	GFW (kg)	CFW (kg)	YLD (%)	B.WT (kg)
Bindawarra 510	42	3.18	2.07	65.2	33.6
Broxbourne Park A 172*	37	3.21	2.01	62.6	32.8
Broxbourne Park Y 64	40	3.26	2.06	63.3	33.6
Dundoos Park 801	45	3.29	2.02	61.3	34.2
Gringegalgona 4A720	46	3.11	1.94	62.4	30.9
Jema 8.11	33	2.57	1.60	62.3	31.0
Kerrsville 98-80	38	3.17	2.02	63.7	35.1
Kilfeera Park 9.100	34	3.33	2.15	64.7	33.4
Kurra Wirra BZ 480*	41	3.38	2.15	63.6	34.4
Toland Poll W 183	53	3.34	2.07	62.0	34.7
Wirrate BL 179	26	3.17	2.00	63.0	31.5
Averages	40	3.18	2.01	63.1	33.2

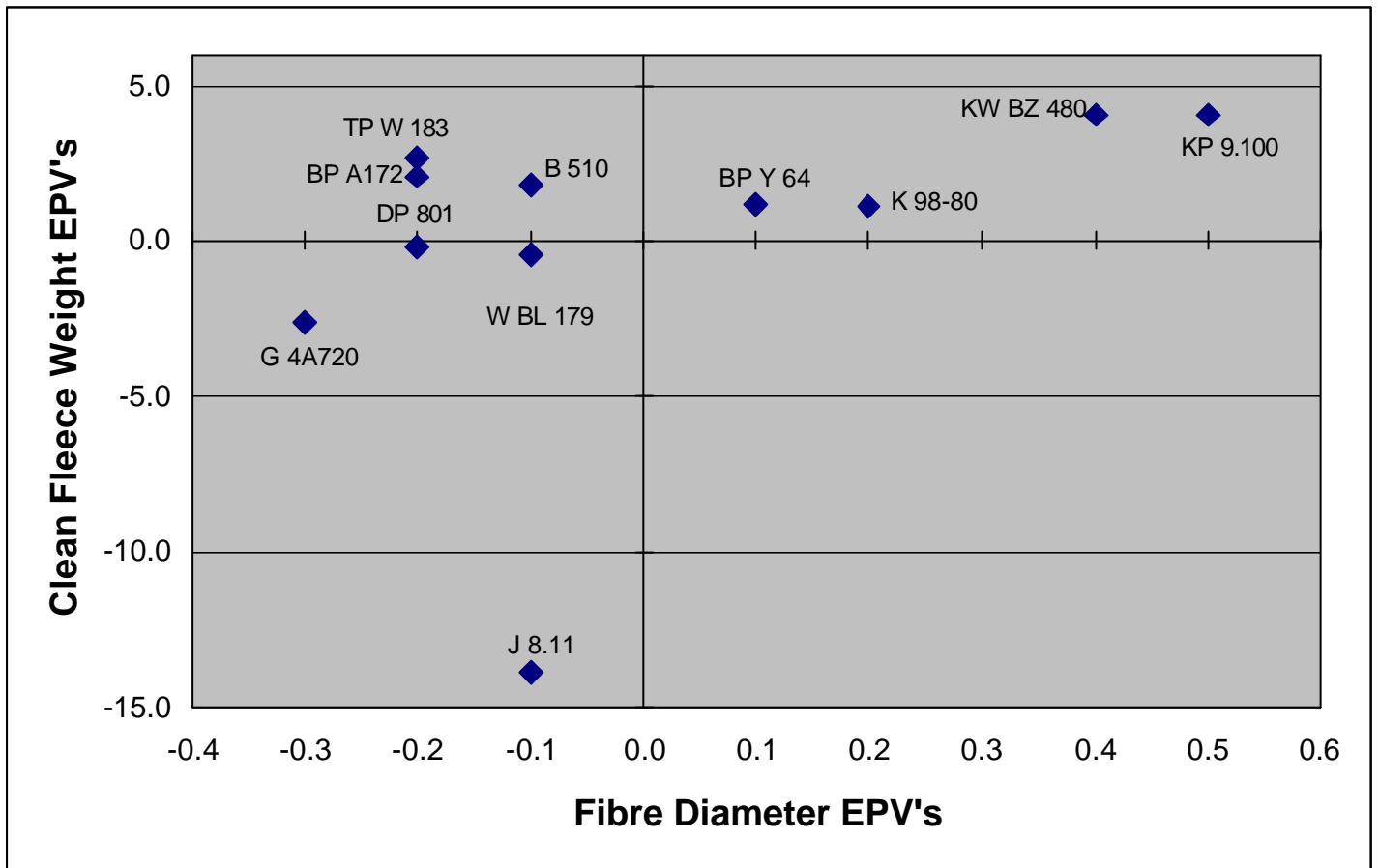
**Table 2. 2002 Drop North East Victoria Sire Evaluation - Raw Averages, Wool Quality
1st Assessment (2003) - 11 months of age and 11 months wool.**

Ram ID	No of Progeny	FD (mm)	CVFD (%)	CF (%)	Curve
Bindawarra 510	42	16.2	19.4	99.9	81
Broxbourne Park A 172*	37	16.2	23.3	99.6	79
Broxbourne Park Y 64	40	16.4	18.4	99.9	78
Dundoos Park 801	45	16.2	20.4	99.8	84
Gringegalgona 4A720	46	16.0	19.5	99.9	78
Jema 8.11	33	16.1	19.3	99.8	96
Kerrsville 98-80	38	16.7	18.6	99.9	82
Kilfeera Park 9.100	34	16.9	19.9	99.8	78
Kurra Wirra BZ 480*	41	16.9	19.7	99.8	75
Toland Poll W 183	53	16.1	19.3	99.9	77
Wirrate BL 179	26	16.3	19.8	99.8	76
Averages	40	16.4	19.8	99.8	80.4

**Table 3: 2002 Drop North East Sire Evaluation – Estimated Progeny Values
1st Assessment (2003) – 11 months of age, and 11 months wool.**

Ram ID	FD (mm)	CVFD (%)	GFW (%)	CFW (%)	B.Wt (%)
Bindawarra 510	-0.1	-0.3	-0.8	1.8	0.3
Broxbourne Park A 172*	-0.2	2.7	2.2	2.1	-1.3
Broxbourne Park Y 64	0.1	-1.1	1.2	1.2	1.1
Dundoos Park 801	-0.2	0.5	2.3	-0.2	2.2
Gringegalgona 4A720	-0.3	-0.2	-1.6	-2.6	-5.3
Jema 8.11	-0.1	-0.4	-13.4	-13.9	-4.9
Kerrsville 98-80	0.2	-0.9	0.3	1.1	4.8
Kilfeera Park 9.100	0.5	0.1	2.5	4.1	-0.4
Kurra Wirra BZ 480*	0.4	0.0	3.4	4.1	3.0
Toland Poll W 183	-0.2	-0.4	4.2	2.7	3.9
Wirrate BL 179	-0.1	0.1	-0.3	-0.4	-3.4
Averages	16.4 (mm)	19.8 %	3.08 (Kg)	2.01 (Kg)	33.2 (Kg)

Figure 1: North East Victoria Sire Evaluation – Clean Fleece Weight Vs Fibre Diameter



Selection Indices

Ranking Sires

Index values are essentially the relative economic value of each ram, based on different wool market scenarios. To calculate an index value for each ram, the EPV for each trait is multiplied by its relative economic value. The sum of each of these economic values is added to produce the index value. The average value of all indexes is 100, therefore an index of 100 for a ram, indicates his progeny have a combined value of around the average, for that market scenario.

Micron Premium

Using micron premium (MP) provides an opportunity to examine the relative values of the different rams under alternative wool market conditions and scenarios. It also relates to different breeding objectives. The micron premiums used in table 3 (below) represent standard micron premiums Rampower index values. Indexes with a low micron premium (eg 3%) favour animals with high fleece weights and are of value to those breeders who wish to maintain their fibre diameter and place maximum emphasis on increasing the fleece weight of their flock. Indexes with a high micron premium (eg, 12%) are the opposite and are useful for breeders who wish to place maximum emphasis on decreasing their flock fibre diameter, without losing fleece weight. A middle view is to use an index which simultaneously increases fleece weight and decreases fibre diameter (eg, 6%).

Table 4: 2002 Drop North East Victoria Sire Evaluation - Index Values
1st Assessment (2003) 11 months of age and 11 months wool growth

SIRE	Breeding Goal		Medium Decrease in FD		Max Decrease in FD		
	Micron Premium	Max Increase in FW	Medium Increase in FW	12%	Rank		
		3%	Rank			6%	Rank
Bindawarra 510		103.9	3	104.2	2	104.4	2
Broxbourne Park A 172*		100.6	7	99.6	7	96.2	10
Broxbourne Park Y 64		102.5	6	102.5	4	103.1	3
Dundoos Park 801		98.1	9	99.3	9	99.3	7
Gringegalgon 4A720		96.0	10	98.0	10	100.5	5
Jema 8.11		81.4	11	85.3	11	92.2	11
Kerrsville 98-80		102.8	5	102.0	6	101.8	4
Kilfeera Park 9.100		106.2	1	102.4	5	98.8	9
Kurra Wirra BZ 480*		105.9	2	102.7	3	99.2	8
Toland Poll W 183		103.3	4	104.7	1	105.0	1
Wirrate BL 179		99.2	8	99.3	8	99.6	6

Visual Assessment

Classing Results

In 2001, new guidelines for the visual assessment of sheep in Merino Sire Evaluation Trials came into action. Mr Roger Bennett classed all the sheep, and each one was scored for a number of different characters, using a standardised trait list and format. Table 5 shows the percentage of sheep that were classed into either a top, flock or cull grade

**Table 5: 2002 Drop North East Victoria Sire Evaluation – Progeny Grade
1st Assessment (2003) – 11 months of age, and 11 months wool growth**

Ram ID	Number of Progeny	% Classed as Tops	% Classed as Flocks	% Classed as Culls
Bindawarra 510	43	25	62	13
Broxbourne Park A 172*	36	11	51	38
Broxbourne Park Y 64	40	22	61	17
Dundoos Park 801	45	20	63	17
Gringegalgon 4A720	46	23	60	17
Jema 8.11	33	9	31	60
Kerrsville 98-80	38	21	61	18
Kilfeera Park 9.100	34	20	54	26
Kurra Wirra BZ 480*	41	21	55	24
Toland Poll W 183	54	14	72	14
Wirrate BL 179	26	26	59	15
Averages	40	19	57	24

Figure 2: North East Victoria Sire Evaluation – Visual Tops Vs Culls

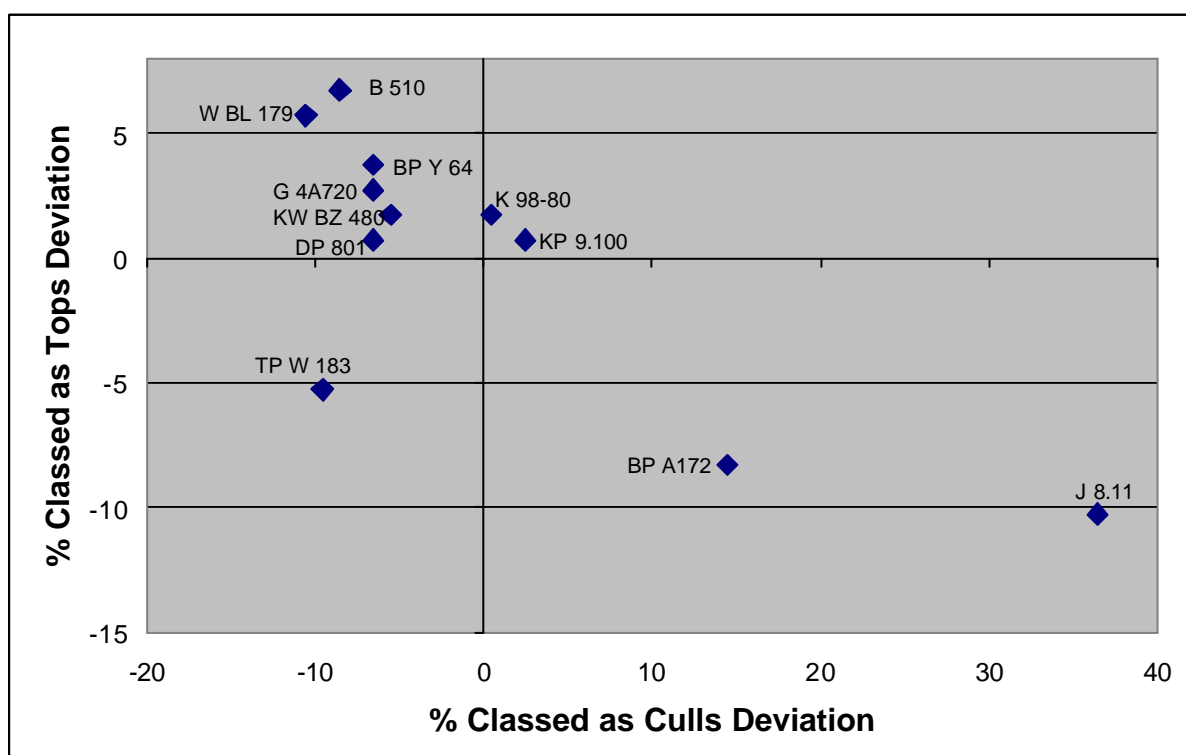


Table 6 shows the average score for a number of traits for each progeny group. In general, a score of 1 indicated a ‘good’ assessment for that character, while a score of 5 indicated the animal was extremely poor for that character. The exceptions to this may be for face cover and development where a score of 2 or 3 may be preferred to a score of 1. The table below describes the scoring system used by the classer to grade each sheep.

	1	5
Face Cover	Open	Wooly
Feet / Legs	Good	Poor
Development	Plain	Wrinkly
Head / Jaw	Bad	Very Bad
Back / Shoulder	Bad	Very Bad
Colour	Very white	Very Yellow
Character	Good	Flat
Dust Penetration	Low	High
Fleece Rot	0 = None	High
Skin Pigmentation	0 = None	High

**Table 6: 2002 Drop North East Victoria Sire Evaluation - Combined classing traits
1st Assessment (2003) – 11 months of age, and 11 months wool growth**

Ram ID	Face Cover	Feet / Legs	Develop-ment	Colour	Character	Dust Penetration	Fleece Rot	Skin Pigment
Bindawarra 510	3.0	2.5	2.5	1.4	1.7	2.1	0.0	0.1
Broxbourne Park A 172*	2.2	2.3	2.7	2.0	2.5	2.4	0.0	0.0
Broxbourne Park Y 64	2.3	2.1	2.2	1.8	1.6	2.3	0.0	0.8
Dundoos Park 801	2.5	2.2	2.3	1.6	2.1	2.2	0.0	0.0
Gringegalgon 4A720	2.1	2.1	2.4	1.5	2.0	2.3	0.0	0.7
Jema 8.11	2.0	2.5	2.4	1.9	2.5	2.5	0.1	0.2
Kerrsville 98-80	2.3	2.2	2.4	1.7	2.1	2.2	0.0	0.1
Kilfeera Park 9.100	2.6	2.4	2.6	1.7	2.1	2.4	0.0	0.3
Kurra Wirra BZ 480*	2.6	2.3	2.5	1.7	2.1	2.4	0.0	0.0
Toland Poll W 183	2.0	2.4	2.3	1.8	1.9	2.4	0.0	0.1
Wirrate BL 179	2.9	2.3	2.2	1.5	1.8	2.3	0.0	0.0
Averages	2.4	2.3	2.4	1.7	2.0	2.3	0.0	0.2

North East Victoria (Dookie) Combined Analysis (1997-2003)

Table 7. Estimated Progeny Values

Sire Name	Progeny No	GFW %		CFW %		FD m		CVFD %		B.Wt %	
	Accuracy	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd
Avington, 217	33 - M	-5.1	-6.2	-5.6	-6.1	-0.8	-1.1	-0.8	-0.8	3.9	3.8
Bennett Merinos, P132	44 - M	1.0	2.6	1.2	2.4	0.3	0.8	2.2	1.9	-5.5	-4.7
Bennett Merinos, YE028	17 - M	2.4	-1.4	2.5	-1.4	0.2	0.4	-1.2	-1.2	0.2	0.1
Bindawarra , 510	42 - M	0.2		2.6		-0.2		-0.4		0.5	
Bogo, B7-338	47 - M	0.3	-0.4	0.1	-0.5	-0.3	-0.4	0.1	0.0	-3.4	2.9
Broxbourne Park, 112	35 - M	5.0	3.7	4.9	3.2	-0.3	-0.3	-0.8	-0.7	1.3	2.8
Broxbourne Park, A172	82 - H	4.9	10.9	4.7	12.1	-0.2	-0.2	2.1	2.0	-1.0	0.1
Broxbourne Park, D25	51 - M	-0.2	4.4	-3.1	0.7	0.1	0.1	0.0	0.1	1.1	1.8
Broxbourne Park, RED003	49 - M	6.3	7.9	3.6	5.8	0.4	0.5	0.7	0.6	0.1	0.9
Broxbourne Park, Y064	40 - M	2.1		2.0		0.0		-1.2		1.3	
Dunbrae, 4107	44 - M	5.2	6.2	4.0	3.7	0.6	0.6	0.7	0.5	1.5	-0.5
Dundoos Park, 801	45 - M	4.4		1.9		-0.3		0.4		2.5	
East Mt Ada Poll, B337	45 - M	4.7	8.2	4.6	9.6	0.4	0.8	0.3	0.2	3.9	3.1
East Mt Ada Poll, Poll 7413	40 - M	3.6	7.4	2.0	4.5	-0.2	-0.2	-0.7	-0.5	3.8	5.0
East Roseville, 3178	81 - H	3.8	6.8	1.1	3.9	-0.2	0.0	1.3	1.0	2.2	1.8
Geelong Park, 30201	72 - H	12.0	11.2	10.0	8.7	0.1	0.2	1.3	1.2	1.9	-2.4
Gringegalgon, 3N1490	85 - H	1.7	5.3	0.1	2.8	-0.2	-0.1	0.7	0.7	-1.9	-2.0
Gringegalgon, 4A0720	46 - M	-0.7		-1.8		-0.4		-0.3		-5.1	
Jema, 250	41 - M	-1.6	-5.6	-2.7	-7.6	-0.2	-0.5	0.6	0.5	4.3	4.6
Jema, 8.11	33 - M	-12.7		-13.4		-0.2		-0.5		-3.9	
Jiliby, 6.140	48 - M	3.8	5.8	0.1	0.5	0.0	-0.1	1.8	1.8	3.7	-0.8
Kerrsville, 98-80	38 - M	1.2		1.9		0.1		-1.0		5.0	
Kerrsville, NB 9861	46 - M	3.2	6.7	4.7	8.5	-0.6	-0.4	0.7	0.8	-5.0	-5.3
Kilfeera Park, 5.189	35 - M	9.4	12.5	7.1	10.3	0.0	-0.1	1.2	1.3	1.2	0.5

Table 7. Estimated Progeny Values (continued)

Sire Name	Progeny No Accuracy	GFW %		CFW %		FD m		CVFD %		B.Wt %	
		1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd
Kilfeera Park, 6.275	26 - M	1.2	4.0	5.3	8.7	0.3	0.4	-0.3	-0.1	-1.3	-0.8
Kilfeera Park, 8.841	43 - M	0.3	3.9	1.5	10.0	0.0	0.1	-0.1	-0.1	-4.7	-4.7
Kilfeera Park, 9.100	34 - M	3.4		5.3		0.4		0.0		-0.4	
Kurra-Wirra, BZ480	74 - H	3.5	1.5	3.9	1.0	0.2	0.1	-0.1	0.1	4.7	4.1
Kurra-Wirra, G524	68 - H	4.5	5.9	2.3	2.9	-0.5	-0.7	0.9	0.8	-2.1	-1.4
Nicholson River, B72	42 - M	-1.4	-0.9	-2.6	-1.3	0.0	-0.3	-0.4	-0.5	-2.1	-1.6
One Oak Poll, ET37	136 - H	0.4	5.5	-0.3	4.8	-0.1	-0.1	1.4	1.4	-2.4	-0.5
One Oak Poll, RED 1	30 - M	5.8	5.3	6.0	7.2	0.2	0.2	0.1	0.1	0.2	-0.2
Rocky Point, 0817	40 - M	-1.3	2.1	-2.9	-1.5	-0.4	-0.6	0.3	0.4	-2.2	-1.7
Rocky Point, B25	57 - H	-0.9	0.7	-0.8	3.8	0.6	0.7	-0.4	-0.3	-4.8	-5.8
Rocky Point, G159	47 - M	5.8	12.1	4.9	10.2	-0.4	-0.3	0.7	0.4	-4.2	-5.1
Roseville Park, 3.1440	163 - H	8.1	9.6	10.0	12.2	0.1	0.3	-0.1	0.0	2.7	1.7
The Mountain Dam, 94/ND078	144 - H	3.0	1.2	4.4	2.0	0.3	0.2	0.0	-0.4	1.7	-0.6
The Mountain Dam, NI011	94 - H	4.3	1.6	4.7	0.9	-0.3	-0.3	-0.3	-0.8	-0.1	-2.2
Toland Poll, BK315	32 - M	4.7	8.6	4.6	8.2	0.5	0.5	-0.8	-0.5	4.5	2.4
Toland Poll, P30	109 - H	-2.7	1.3	0.2	5.2	0.2	0.4	0.2	0.3	-4.4	-2.2
Toland Poll, R25	67 - H	-0.2	3.9	1.5	5.3	-0.6	-0.3	0.1	-0.2	1.7	2.5
Toland Poll, W113	41 - M	-2.5	-2.0	0.7	1.1	-0.3	-0.4	0.4	0.6	-4.2	-5.8
Toland Poll, W183	53 - M	5.2		3.6		-0.3		-0.5		4.2	
Toland, G118	39 - M	1.5	3.0	-0.5	1.1	-0.5	-0.9	0.6	0.6	2.5	3.1
Toland, G299	28 - M	4.2	10.1	2.3	6.7	-0.7	-0.5	0.7	0.9	-3.9	-3.0
Toland, Gordon	67 - H	2.2	2.7	0.0	1.1	-0.8	-0.8	0.8	0.9	-4.0	-4.3
Wanalta, 8.6	47 - M	4.2	4.6	1.1	2.0	0.0	0.0	1.1	0.9	2.5	2.1
Wirrate, BL 179	26 - M	0.6		0.3		-0.1		0.0		-3.3	

Wirrate, W047	62 - H	3.1	2.2	3.0	2.2	0.5	0.4	0.5	0.6	-6.7	-6.2
Wirrate, W41	43 - M	5.3	6.6	3.3	6.3	-0.2	-0.2	1.3	1.1	-4.3	-4.7

8. Index Values and Classers Grades

Sire Name	Acc	Micron Premium			Tops % (dev)		Culls % (dev)	
		3%	6%	12 %	1st	2nd	1st	2nd
Avington, 217	33 - M	94.7	102.4	109.2	-11	5	-5	3
Bennett Merinos, P132	44 - M	97.0	91.5	87.0	-1	-5	-2	2
Bennett Merinos, YE028	17 - M	99.5	99.3	100.8	17	-6	-16	-11
Bindawarra , 510	42 - M	106.1	106.7	106.8				
Bogo, B7-338	47 - M	114.2	113.8	110.4	-6	4	-11	-2
Broxbourne Park, 112	35 - M	114.3	114.7	112.6	-19	-1	-3	-1
Broxbourne Park, A172	82 - H	120.6	116.5	107.2	1	5	-2	-2
Broxbourne Park, D25	51 - M	100.4	99.6	98.0	-9	-2	-5	1
Broxbourne Park, RED003	49 - M	109.6	105.2	99.0	-5	-9	2	4
Broxbourne Park, Y064	40 - M	104.7	105.0	105.4				
Dunbrae, 4107	44 - M	101.8	97.8	93.6	-16	-1	-4	-5
Dundoos Park, 801	45 - M	103.5	104.1	102.5				
East Mt Ada Poll, B337	45 - M	112.4	107.0	100.3	3	4	-12	-3
East Mt Ada Poll, Poll 7413	40 - M	113.9	113.7	110.5	-5	1	-12	-8
East Roseville, 3178	81 - H	103.1	101.8	98.3	-3	6	-9	-6
Geelong Park, 30201	72 - H	106.3	102.8	96.8	2	4	-11	-10
Gringegalgon, 3N1490	85 - H	101.1	100.8	98.2	-3	-2	-11	-9
Gringegalgon, 4A0720	46 - M	98.3	100.6	102.9				
Jema, 250	41 - M	93.0	95.9	98.6	-3	2	-10	-11
Jema, 8.11	33 - M	80.1	84.7	92.5				
Jiliby, 6.140	48 - M	89.7	90.1	89.7	-9	4	-7	2
Kerrsville, 98-80	38 - M	105.0	104.5	104.1				

Kerrsville, NB 9861	46 - M	111.2	111.4	109.8	-10	-4	4	-3
Kilfeera Park, 5.189	35 - M	117.3	113.8	105.6	13	6	-17	-7
Kilfeera Park, 6.275	26 - M	116.2	111.7	106.4	-8	-5	10	-8

Table 8. Index Values and Classers Grades (continued)

Sire Name	Acc	Micron Premium			Tops % (dev)		Culls % (dev)	
		3%	6%	12 %	1st	2nd	1st	2nd
Kilfeera Park, 8.841	43 - M	111.7	109.8	107.1	-9	4	-7	-1
Kilfeera Park, 9.100	34 - M	112.1	107.8	102.9				
Kurra-Wirra, BZ480	74 - H	105.6	104.0	101.5				
Kurra-Wirra, G524	68 - H	107.4	108.5	106.4	6	18	-9	-19
Nicholson River, B72	42 - M	97.9	99.8	101.8	4	13	-14	-8
One Oak Poll, ET37	136 - H	109.9	107.4	100.8	-15	-8	7	15
One Oak Poll, RED 1	30 - M	112.9	110.1	105.5	-8	4	-8	-3
Rocky Point, 0817	40 - M	97.9	100.9	102.3	-8	1	-7	6
Rocky Point, B25	57 - H	96.6	93.5	93.0	0	2	-2	-4
Rocky Point, G159	47 - M	113.6	112.9	108.9	2	11	-7	0
Roseville Park, 3.1440	163 - H	119.5	115.6	108.4	6	9	-15	-12
The Mountain Dam, 94/ND078	144 - H	102.0	100.8	100.0	-7	-5	-13	-6
The Mountain Dam, NI011	94 - H	101.6	103.9	106.0	4	0	-11	-5
Toland Poll, BK315	32 - M	111.5	107.8	103.1	3	-1	-12	-8
Toland Poll, P30	109 - H	108.6	104.9	101.3	-5	4	-8	-5
Toland Poll, R25	67 - H	113.2	113.9	112.1	6	13	-12	-7
Toland Poll, W113	41 - M	97.6	99.3	101.5	-7	0	-2	5
Toland Poll, W183	53 - M	105.5	107.3	107.4				
Toland, G118	39 - M	107.2	109.9	108.6	-1	-4	-10	1
Toland, G299	28 - M	112.1	112.8	109.5	-4	6	-9	-6
Toland, Gordon	67 - H	99.9	103.4	105.3	1	16	-9	-9
Wanalta, 8.6	47 - M	101.8	100.4	97.4	-7	2	5	-1
Wirrate, BL 179	26 - M	101.3	101.7	101.8				
Wirrate, W047	62 - H	99.2	96.1	94.5	-10	-10	0	17
Wirrate, W41	43 - M	105.9	104.9	101.7	3	7	-11	-1

Note: No combined analysis for classing data in this report for Trial 6 sires.

Table 9. Top 15 Sires Ranked on 3%, 6% and 12% Micron Premiums (1997-2003)

Top 15 Based on 3% Micron Premium Maintain FD & Maximise FW Gain		Top 15 Based on 6% Micron Premium Moderate FD Reduction & Moderate FW Gain		Top 15 Based on 12% Micron Premium Maximise FD Reduction & Small FW Gain	
Sire Name	Index Ranking	Sire Name	Index Ranking	Sire Name	Index Ranking
Broxbourne Park, A172	120.6	Broxbourne Park, A172	116.5	Broxbourne Park, 112	112.6
Roseville Park, 3.1440	119.5	Roseville Park, 3.1440	115.6	Toland Poll, R25	112.1
Kilfeera Park, 5.189	117.3	Broxbourne Park, 112	114.7	East Mt Ada Poll, Poll 7413	110.5
Kilfeera Park, 6.275	116.2	Toland Poll, R25	113.9	Bogo, B7-338	110.4
Broxbourne Park, 112	114.3	Kilfeera Park, 5.189	113.8	Kerrsville, NB 9861	109.8
Bogo, B7-338	114.2	Bogo, B7-338	113.8	Toland, G299	109.5
East Mt Ada Poll, Poll 7413	113.9	East Mt Ada Poll, Poll 7413	113.7	Avington, 217	109.2
Rocky Point, G159	113.6	Rocky Point, G159	112.9	Rocky Point, G159	108.9
Toland Poll, R25	113.2	Toland, G299	112.8	Toland, G118	108.6
One Oak Poll, RED 1	112.9	Kilfeera Park, 6.275	111.7	Roseville Park, 3.1440	108.4
East Mt Ada Poll, B337	112.4	Kerrsville, NB 9861	111.4	Toland Poll, W183	107.4
Toland, G299	112.1	One Oak Poll, RED 1	110.1	Broxbourne Park, A172	107.2
Kilfeera Park, 9.100	112.1	Toland, G118	109.9	Kilfeera Park, 8.841	107.1
Kilfeera Park, 8.841	111.7	Kilfeera Park, 8.841	109.8	Bindawarra, 510	106.8
Toland Poll, BK315	111.5	Kurra-Wirra, G524	108.5	Kurra-Wirra, G524	106.4

Table 10. Sire & Owner Details

Sire	Owner	Phone	Year
Avington, 217	Noel and Lindsay Henderson	03.54237100	2001
Bennett Merinos, P132	Roger Bennett	03.57270240	1997
Bennett Merinos, YE028	Roger Bennett	03.57270240	1999
Bindawarra , 510	Murray Toland	03.51591362	2002
Bogo, B7-338	Malcolm Peake	02.62267259	2001
Broxbourne Park, 112	Robin & Carolyn Steers	03.57962259	1998
Broxbourne Park, A172	Robin & Carolyn Steers	03.57962259	1997,2002
Broxbourne Park, D25	Robin & Carolyn Steers	03.57962259	1997
Broxbourne Park, RED003	Robin & Carolyn Steers	03.57962259	1999,2000
Broxbourne Park, Y064	Robin & Carolyn Steers	03.57962259	2002
Dunbrae, 4107	John McCracken	03.57962386	1998
Dundoos Park, 801	Peter Cathles	02. 62275851	2002
East Mt Ada Poll, B337	Sam Burston	03.57641324	1998,1999
East Mt Ada Poll, Poll 7413	Sam Burston	03.57641324	2000
East Roseville, 3178	Tony Coddington	02.68391802	1997
Geelong Park, 30201	Andrew Vizard	03.97312225	2000
Gringegalga, 3N1490	Stephen Silcock	03.55743202	1999
Gringegalga, 4A0720	Stephen Silcock	03.55743202	2002
Jema, 250	Ian Gill	03 5762 4949	2000
Jema, 8.11	Ian Gill	03 5762 4949	2002
Jiliby, 6.140	R.E. Maguire	02.64521745	2001
Kerrsville, 98-80	Robert Plush	03.55750208	2002
Kerrsville, NB 9861	Robert Plush	03.55750208	2001
Kilfeera Park, 5.189	Murray & Fiona McKenzie	03.57666278	1998
Kilfeera Park, 6.275	Murray & Fiona McKenzie	03.57666278	2000
Kilfeera Park, 8.841	Murray & Fiona McKenzie	03.57666278	2001
Kilfeera Park, 9.100	Murray & Fiona McKenzie	03.57666278	2002
Kurra-Wirra, BZ480	Robert Close	03.55704238	2002
Kurra-Wirra, G524	Robert Close	03.55704238	1999
Nicholson River, B72	Doug Pemberton	03.51568952	2001
One Oak Poll, ET37	Alistair Wells	03.58867117	1997,1998
One Oak Poll, RED 1	Alistair Wells	03.58867117	2001
Rocky Point, 0817	Rex Allen	03.57251586	2000
Rocky Point, B25	Rex Allen	03.57251586	1997
Rocky Point, G159	Matthew Allen	03.57251665	2001
Roseville Park, 3.1440	Graham Coddington	02.68877230	1998
The Mountain Dam, 94/ND078	Tom Silcock	03.53882238	2001
The Mountain Dam, NI011	Tom Silcock	03.53882238	2001
Toland Poll, BK315	Phil Toland	03.57981605	2001
Toland Poll, P30	Phil Toland	03.57981605	1997,2000
Toland Poll, R25	Phil Toland	03.57981605	1997
Toland Poll, W113	Phil Toland	03.57981605	1998
Toland Poll, W183	Phil Toland	03.57981605	2002
Toland, G118	Phil Toland	03.57981605	2000
Toland, G299	Phil Toland	03.57981605	1999
Toland, Gordon	Phil Toland	03.57981605	2001
Wanalta, 8.6	Helen & Colin Barlow	03 5856 7236	2000
Wirrate, BL 179	Kenneth Heal	03.57942475	2002

Wirrate, W047	Kenneth Heal	03.57942475	1999
Wirrate, W41	Kenneth Heal	03.57942475	2000