

# SELECTED RAM SALE

MONDAY  
26th. OCTOBER, 2015

# COOPWORTH

“THE SELF-REPLACING  
SOLUTION”

RAM SALE PAVILION  
HAMILTON SHOWGROUNDS



INSPECTION FROM 11.00 am  
SALE COMMENCES 1.00 pm



Helmsman Selling System

Light Luncheon Available



HAMILTON  
ROSS MILNE  
Mobile 0407 782 286

3% REBATE FOR OUTSIDE AGENTS

LOT	TAG	SIRE	MILK	WWT	PWWT	FAT	MUSCLE	GFW%	NLW%	INDEX
<b>Account: J &amp; B KEILLER, "CASHMORE PARK"</b>										
1	6254	CASHMORE OAKLEA 132571	0.9	7.4	12.8	-1.1	-0.3	13	20	139
		Purchaser .....						Price .....		
2	4302	CASHMORE OAKLEA 122236	0.7	7.4	12.7	-0.8	0.3	14	16	138
		Purchaser .....						Price .....		
3	6118	CASHMORE OAKLEA 122228	0.4	6.5	11.2	0.1	1.3	0	17	138
		Purchaser .....						Price .....		
4	3631	CASHMORE OAKLEA 122228	1.0	7.0	11.3	-0.9	0.7	4	17	138
		Purchaser .....						Price .....		
5	5943	CASHMORE OAKLEA 130004	0.4	6.2	10.9	-0.8	-0.3	21	22	137
		Purchaser .....						Price .....		
6	4920	CASHMORE OAKLEA 130004	0.1	7.4	12.7	-0.7	0.3	19	17	137
		Purchaser .....						Price .....		
7	5942	CASHMORE OAKLEA 130004	0.4	7.4	12.1	-1.4	-1.3	23	21	136
		Purchaser .....						Price .....		
8	3280	CASHMORE OAKLEA 130004	0.2	6.7	11.8	0.4	0.7	21	15	136
		Purchaser .....						Price .....		
9	2956	CASHMORE OAKLEA 132609	0.4	8.0	12.7	-1.0	1.1	3	13	139
		Purchaser .....						Price .....		
10	2927	CASHMORE OAKLEA 130004	0.2	7.3	11.8	0.0	1.2	12	12	135
		Purchaser .....						Price .....		
11	2475	CASHMORE OAKLEA 112121	-0.2	6.6	11.0	-0.8	0.0	9	17	133
		Purchaser .....						Price .....		
12	6100	CASHMORE OAKLEA 130004	-0.1	7.9	12.7	-0.6	0.7	9	8	132
		Purchaser .....						Price .....		
<b>Account: D.W &amp; I.A PEGLER, "OAKLEA"</b>										
13	1014	CASHMORE OAKLEA 130318	-0.1	7.4	12.5	-0.3	1.1	3	17	138
		Purchaser .....						Price .....		
14	1378	CASHMORE OAKLEA 130407	-0.2	7.5	13.2	-1.1	0.6	-4	19	139
		Purchaser .....						Price .....		
15	1163	CASHMORE OAKLEA 130866	0.6	8.1	12.9	-1.4	0.5	5	18	139
		Purchaser .....						Price .....		
16	1439	CASHMORE OAKLEA 130866	1.6	8.5	12.5	-0.8	0.3	-2	17	139
		Purchaser .....						Price .....		
17	0059	BOONERAH 120256	0.2	7.5	12.0	0.0	0.9	4	18	138
		Purchaser .....						Price .....		
18	1256	CASHMORE OAKLEA 130407	-0.1	7.3	12.5	-0.8	0.7	3	16	137
		Purchaser .....						Price .....		
19	1139	CASHMORE OAKLEA 130318	0.2	8.9	13.6	-1.0	0.1	10	16	138
		Purchaser .....						Price .....		
20	1052	CASHMORE OAKLEA 130318	0.1	7.8	12.8	-0.8	0.3	5	17	137
		Purchaser .....						Price .....		
<b>2014 DROP AVERAGE:</b>			0.0	6.3	9.2	-0.5	0.3	16	5	120

LOT	TAG	SIRE	MILK	WWT	PWWT	FAT	MUSCLE	GFW%	NLW%	INDEX
<b>Account: D.W &amp; I.A PEGLER, "OAKLEA"</b>										
21	1313	CASHMORE OAKLEA 130997	0.8	9.1	13.5	-0.8	0.6	3	13	137
		Purchaser .....								Price .....
22	665	CASHMORE OAKLEA 123092	1.2	7.0	12.1	-0.7	0.9	2	14	136
		Purchaser .....								Price .....
23	019	TWIN FARMS 071699	0.1	8.4	12.0	-1.2	-0.1	8	15	133
		Purchaser .....								Price .....
24	058	BOONERAH 120256	0.2	6.4	10.4	-0.2	0.6	3	18	132
		Purchaser .....								Price .....
25	012	TAMLET 080326	0.9	7.9	11.8	-0.8	-0.1	17	12	132
		Purchaser .....								Price .....
26	085	TAMLET 080326	1.3	8.9	13.1	-1.0	1.0	18	5	133
		Purchaser .....								Price .....
<b>Account: T.J. JOHNSTON, "WARADGERY"</b>										
27	125	TAMLET 100477	1.0	8.4	11.3	-0.2	0.4	-	12	133
		Purchaser .....								Price .....
28	077	BOONERAH 120256	-0.5	7.7	10.6	-0.5	-0.2	-	19	132
		Purchaser .....								Price .....
29	029	BOONERAH 120256	0.0	6.6	9.9	-0.7	-0.3	-	19	132
		Purchaser .....								Price .....
30	028	BOONERAH 120256	-0.1	8.2	11.5	-0.4	0.2	-	13	131
		Purchaser .....								Price .....
31	020	BOONERAH 120254	-0.4	7.8	10.2	-0.4	0.3	-	17	131
		Purchaser .....								Price .....
32	047	BOONERAH 120256	-0.2	7.7	11.7	-0.9	0.0	-	13	131
		Purchaser .....								Price .....
33	223	WARADGERY 110084	1.0	7.3	11.1	-1.1	-0.2	-	13	131
		Purchaser .....								Price .....
34	008	BOONERAH 120256	-0.3	6.9	10.2	-0.2	0.7	-	14	130
		Purchaser .....								Price .....
35	145	WARADGERY 120011	0.4	6.9	11.1	-0.5	0.1	-	13	130
		Purchaser .....								Price .....
36	066	WARADGERY 110084	0.4	8.2	12.3	-1.1	-0.5	-	11	130
		Purchaser .....								Price .....
37	118	TAMLET 100562	0.5	9.9	13.7	-1.2	0.0	-	5	130
		Purchaser .....								Price .....
38	143	WARADGERY 120011	-0.1	7.1	10.9	-0.2	0.0	-	14	129
		Purchaser .....								Price .....
39	163	WARADGERY 120075	0.3	6.7	10.9	-0.7	0.3	-	11	129
		Purchaser .....								Price .....
40	084	HINENUI 061218	-0.3	6.5	8.8	-0.2	-0.1	-	17	128
		Purchaser .....								Price .....
<b>2014 DROP AVERAGE:</b>			0.0	6.3	9.2	-0.5	0.3	16	5	120

LOT	TAG	SIRE	MILK	WWT	PWWT	FAT	MUSCLE	GFW%	NLW%	INDEX
<b>Account: S. &amp; L. PARKER, "SOUTH WEST GENETICS"</b>										
41	895	CASHMORE OAKLEA 113504	0.3	7.2	11.8	0.1	0.6	17	18	139
		Purchaser .....						Price .....		
42	920	CASHMORE OAKLEA 113504	0.3	8.1	12.3	0.0	0.5	16	15	137
		Purchaser .....						Price .....		
43	894	CASHMORE OAKLEA 113504	0.3	6.2	10.6	0.0	0.6	15	17	136
		Purchaser .....						Price .....		
44	914	CASHMORE OAKLEA 113504	0.0	6.6	10.8	0.0	0.4	14	17	135
		Purchaser .....						Price .....		
45	904	CASHMORE OAKLEA 113504	-0.3	6.8	11.0	0.0	0.7	14	15	134
		Purchaser .....						Price .....		
46	862	TAMLET 080326	1.1	8.1	12.1	-0.9	0.5	9	9	133
		Purchaser .....						Price .....		
47	948	CASHMORE OAKLEA 113504	-0.4	6.5	10.0	-0.1	0.7	22	15	132
		Purchaser .....						Price .....		
48	861	TAMLET 080326	1.1	7.5	11.4	-1.2	0.3	14	9	131
		Purchaser .....						Price .....		
<b>Account: BOONERAH PTY. LTD. (L. RANKEN, MANAGER)</b>										
49	465	BONDERAH 120054	0.1	8.6	11.5	-0.4	0.4	16	20	138
		Purchaser .....						Price .....		
50	085	HINENUI 061218	-0.5	8.5	12.1	-0.5	-0.3	14	24	137
		Purchaser .....						Price .....		
51	089	BOONERAH 120256	0.0	8.2	11.5	-0.1	0.6	11	21	136
		Purchaser .....						Price .....		
52	404	BOONERAH 120054	0.0	9.4	13.4	-1.0	0.0	18	13	135
		Purchaser .....						Price .....		
53	431	BOONERAH 120054	-0.2	9.7	12.6	-0.7	-0.1	24	15	133
		Purchaser .....						Price .....		
54	565	BOONERAH 120168	-0.6	8.3	11.8	-0.8	0.1	18	18	133
		Purchaser .....						Price .....		
<b>Account: M. J. &amp; T. K. TONISSEN, "CHROME"</b>										
55	1791	CASHMORE OAKLEA 122255	-0.5	8.0	12.0	-0.5	0.5	-	15	134
		Purchaser .....						Price .....		
56	4082	CASHMORE OAKLEA 122255	-0.1	5.5	7.5	-0.4	0.9	12	17	131
		Purchaser .....						Price .....		
57	4388	CHROME 110783	0.7	7.5	10.6	-0.3	0.2	-	15	131
		Purchaser .....						Price .....		
58	4688	CASHMORE OAKLEA 122255	-0.3	6.3	10.0	-0.1	0.4	6	19	131
		Purchaser .....						Price .....		
59	4236	CASHMORE OAKLEA 122255	-0.2	5.7	9.0	0.2	0.5	-	18	130
		Purchaser .....						Price .....		
60	4484	CHROME 110783	-0.4	8.3	11.0	-1.3	0.2	-	14	129
		Purchaser .....						Price .....		
<b>2014 DROP AVERAGE:</b>			0.0	6.3	9.2	-0.5	0.3	16	5	120

# THE MATERNAL SELECTION INDEX

The management of Lambplan have constructed an economically based selection index for the Maternal sheep. In the past, much of the selection of sheep has been distorted because of the over-emphasis of some traits to the relative exclusion of others. This applied, particularly, to fertility, as it is a trait you cannot "see".

As sheep are multi-purpose, multi-trait animals, it can be difficult to place the correct selection emphasis on the traits of maximum economic importance. A selection index ranks traits according to their relative economic importance, arriving at a single figure which is very convenient for both the ram breeder and the ram buyer. Individuals are still quite free to select their rams with a slightly greater emphasis on certain traits, but for maximum economic return, the use of the Maternal Selection Index will result in the greatest total economic return.

## THE MATERNAL \$ INDEX

Birth Weight	11%
Weaning Weight	23%
Post-Weaning Weight	25%
Fat Depth	4%
Eye Muscle Depth	5%
Milk (Maternal Weaning Weight)	5%
Greasy Fleece Weight	3%
Worm Egg Count	8%
Number of Lambs Weaned	16%

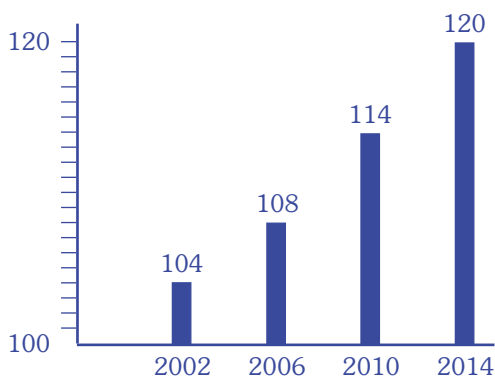
The construction of this index takes into account the rams genetic influence on the lifetime performance of his daughters (50% genetic influence), plus the 25% influence on the grand-daughters, 12.5% influence on the great grand-daughters, etc., plus the extra value of the wether sons and the value of approximately 33% of the daughters that are not used for breeding within the ram buyers own flock.

New Zealand based sires require a number of lambings and rearings by the Australian based daughters to develop a meaningful breeding value for milk (maternal weaning weight).

## VENDORS

- |   |   |   |
|---|---|---|
| <p><b>1. T.J. JOHNSTON</b><br/>"WARADGERY"<br/>2317 Coleraine Road<br/>BRIT BRIT 3315<br/>Ph (03) 5575 6236</p>     | <p><b>2. J &amp; B KEILLER</b><br/>"CASHMORE PARK"<br/>114 Wilmots Rd<br/>CASHMORE 3305<br/>Ph 0409 804 638<br/>Fax (03) 5526 5390</p>          | <p><b>3. S. &amp; L. PARKER</b><br/>"LONGFORD"<br/>MORTLAKE 3272<br/>Ph (03) 5599 2476<br/>Fax (03) 5599 2477</p>             |
| <p><b>4. D.W. &amp; I.A. PEGLER</b><br/>"OAKLEA"<br/>P.O. BOX 1018<br/>Mt GAMBIER, SA, 5290<br/>Ph 0417 851 466</p> | <p><b>5. L RANKEN</b><br/>"BOONERAH"<br/>81 Boonerah Road<br/>HEXHAM 3273<br/>Ph (03) 5599 7233<br/>Fax (03) 5599 7264<br/>Mob 0488 307 597</p> | <p><b>6. M.J. &amp; T.K. TONISSEN</b><br/>478 Balkins Road<br/>HAMILTON 3300<br/>Ph (03) 5571 1797<br/>Fax (03) 5571 1142</p> |

ALL FLOCKS GUDAIR VACCINATED  
ALL ACCREDITED BRUCellosIS FREE



This graph depicts the progress of Maternal sheep since 2002. The Maternal \$ Index is explained above. The figures used were the average for all sheep entered in the Maternal data base each year. The 2013 drop comprises more than 75,000 sheep.

The level of management and genetic merit of the ewe flock has the greatest influence on the profitability of a primb lamb enterprise. People incorporating Coopworth genetics into their breeding flock have a guarantee of increased genetic merit in their ram purchases each year.

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**COOPWORTH GENETICS AUSTRALIA WEBSITE:** [www.coopworth.org.au](http://www.coopworth.org.au)

**LAMBPLAN WEBSITE:** [www.sheepgenetics.org.au](http://www.sheepgenetics.org.au)

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## LAMBPLAN - THE GENETIC EVALUATION SYSTEM

Genetic evaluation systems take the guesswork out of selection decisions. You cannot see an animal's genes. In fact, when you look at an animal, 70% of what you see is the contribution of the environment i.e. the quality and quantity of the feed supply, disease status and general management.

A ram's breeding value is its genetic merit, half of which will be passed onto its progeny. Two rams might look identical, but genetically they could be very different.

A breeding value is the difference between a ram's individual genetics and the genetic base (flock) to which he has been compared. Breeding values are presented in the units in which they are measured, eg. kilograms for weight.

A value of +1 kg for yearling weight means the ram is genetically superior by 1 kg at 12 months compared with the average of the group in which he was bred.

Simply, a breeding value can be calculated from the records collected on the ram, the heritability of the trait, and knowledge of the average value for the trait in the particular group. For example, if a ram weighed 55 kg at twelve months of age, and his flock-mates averaged 50 kg, its breeding value would be calculated as follows:

Performance +5 kg, Heritability 30%, Breeding Value  $5 \times 30\% = 1.5\text{kg}$

In reality, the calculations become much more complicated and require a powerful computer program to calculate the breeding value. The breeding value takes into account:

- \* The animal's own performance
- \* The performance of all its known relatives in every flock
- \* The relationship between different traits.

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## MATERNAL PERCENTILES (15/09/2014)

Band	Milk	WWT	PWWT	Fat	Muscle	GFW %	NLW %	Index
1%	1.7	9.8	14.1	-1.1	2.9	35	18	138
5%	1.3	8.8	12.7	-0.5	1.9	31	15	134
10%	1.0	8.3	12.0	-0.3	1.5	29	13	131
20%	0.7	7.6	11.0	-0.0	1.0	26	11	127
50%	0.1	6.3	9.2	-0.5	0.3	16	5	121