

SELECTED RAM SALE

MONDAY
24th. OCTOBER, 2016

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
AARON MALSEED
Mobile 0407 782 286

3% REBATE FOR OUTSIDE AGENTS

LOT	TAG	SIRE	BW	WWT	PWT	FAT	MUSCLE	MILK	GFW%	WEC%	NLW%	INDEX
Account: J & B KEILLER, "CASHMORE PARK"												
1	3989	CASHMORE OAKLEA 141743	0.8	9.7	15.5	-0.2	0.3	1.0	0	-33	12	140
		Purchaser										Price
2	3671	CASHMORE OAKLEA 142429	0.4	6.4	11.3	0.6	1.4	0.7	11	-46	17	140
		Purchaser										Price
3	3121	CASHMORE OAKLEA 143200	0.6	8.2	12.9	-1.0	0.3	0.7	5	-35	16	139
		Purchaser										Price
4	2686	CASHMORE OAKLEA 141743	0.4	8.0	13.8	0.4	1.0	0.3	5	-46	14	139
		Purchaser										Price
5	2522	CASHMORE OAKLEA 141752	0.4	7.0	12.6	1.0	2.3	0.5	12	-30	12	138
		Purchaser										Price
6	3296	CASHMORE OAKLEA 143200	0.3	7.3	12.1	0.2	2.4	0.7	14	-33	12	138
		Purchaser										Price
7	2174	CASHMORE OAKLEA 142429	0.5	7.4	11.9	-0.2	0.7	0.1	-2	-38	17	137
		Purchaser										Price
8	2085	CASHMORE OAKLEA 143200	0.5	7.4	12.4	-0.4	1.3	0.2	5	-26	13	136
		Purchaser										Price
9	2077	CASHMORE OAKLEA 141752	0.5	7.4	13.1	-0.2	1.0	0.2	8	-51	11	136
		Purchaser										Price
10	3170	CASHMORE OAKLEA 141743	0.4	7.1	11.7	0.1	0.0	1.1	9	-51	14	135
		Purchaser										Price
11	2785	CASHMORE OAKLEA 133480	0.5	8.0	13.3	-1.1	-0.2	0.3	9	35	19	136
		Purchaser										Price
12	2337	CASHMORE OAKLEA 133480	0.5	8.7	14.4	-0.5	1.2	0.4	9	33	11	136
		Purchaser										Price
Account: D.W & I.A PEGLER, "OAKLEA"												
13	0927	CASHMORE OAKLEA 140791	0.6	8.6	14.1	-0.9	0.5	1.0	7	-30	15	140
		Purchaser										Price
14	0160	CASHMORE OAKLEA 133480	0.6	9.8	15.6	-1.1	0.3	0.5	7	-2	14	140
		Purchaser										Price
15	0944	CASHMORE OAKLEA 140791	0.7	8.5	13.6	-1.0	-0.2	1.1	7	-44	15	137
		Purchaser										Price
16	1366	CASHMORE OAKLEA 140120	0.5	9.1	13.6	-1.0	0.7	1.5	2	-5	11	137
		Purchaser										Price
17	0640	CASHMORE OAKLEA 130449	0.8	9.8	14.6	-1.0	1.3	0.8	0	-52	7	138
		Purchaser										Price
18	0618	CASHMORE OAKLEA 130449	0.9	9.0	13.5	-1.0	0.8	0.0	11	-69	11	137
		Purchaser										Price
19	1124	CASHMORE OAKLEA 130449	0.7	9.3	14.2	-1.5	0.7	-0.3	15	-54	10	137
		Purchaser										Price
20	1012	CASHMORE OAKLEA 110667	0.6	8.1	12.5	-1.2	-0.1	-0.7	12	-36	17	135
		Purchaser										Price
2015 DROP AVERAGE:			0.6	6.6	9.6	-0.5	0.3	0.2	14	-19	5	121

LOT	TAG	SIRE	BW	WWT	PWT	FAT	MUSCLE	MILK	GFW%	WEC%	NLW%	INDEX
Account: D.W & I.A PEGLER, "OAKLEA"												
21	1062	CASHMORE OAKLEA 132031	0.4	7.0	12.0	-0.4	0.4	1.3	11	-31	12	135
		Purchaser							Price			
22	0594	CASHMORE OAKLEA 130449	0.7	7.8	12.8	-1.3	0.1	-0.3	5	-46	14	135
		Purchaser							Price			
23	0752	CASHMORE OAKLEA 130449	0.7	9.3	13.8	-1.2	0.7	1.0	17	-55	6	135
		Purchaser							Price			
24	1061	CASHMORE OAKLEA 132031	0.5	7.0	11.8	-0.7	0.3	1.3	9	-25	11	134
		Purchaser							Price			
Account: T.J. JOHNSTON, "WARADGERY"												
25	055	S W GENETICS 130906	-	7.8	11.3	-0.6	-0.1	-0.6	-	-31	19	135
		Purchaser							Price			
26	024	S W GENETICS 130906	-	7.9	11.4	-0.7	0.1	-0.3	-	-19	16	134
		Purchaser							Price			
27	081	MARLOW 080144	-	8.0	11.7	-0.6	0.0	-1.1	-	24	19	133
		Purchaser							Price			
28	056	S W GENETICS 130906	-	7.4	10.7	-0.6	0.3	-0.6	-	-14	19	132
		Purchaser							Price			
29	049	HINENUI 061218	-	8.4	11.7	-0.3	0.3	-0.7	-	78	21	132
		Purchaser							Price			
30	0017	MARLOW 080144	-	8.3	11.8	-0.6	0.1	-0.6	-	20	15	131
		Purchaser							Price			
31	036	MARLOW 080144	-	7.3	10.5	-0.4	0.0	-0.9	-	40	20	131
		Purchaser							Price			
32	343	WARADGERY 130071	-	7.7	11.9	-0.5	0.0	0.2	-	21	12	130
		Purchaser							Price			
33	059	MARLOW 080144	-	6.7	9.9	-0.1	0.0	-1.3	-	21	21	130
		Purchaser							Price			
34	077	MARLOW 080144	-	6.4	9.6	-0.1	0.0	-0.6	-	14	19	130
		Purchaser							Price			
Account: T. LUBKE, "STRATHVIEW"												
35	350	BOONERAH 130152	0.8	9.3	13.6	0.2	0.2	0.6	-	-	16	138
		Purchaser							Price			
36	489	CASHMORE OAKLEA 122062	0.6	8.6	12.8	-0.2	0.0	0.7	15	-	19	138
		Purchaser							Price			
37	351	BOONERAH 130152	0.8	9.0	13.0	0.0	0.3	0.6	-	-	16	137
		Purchaser							Price			
38	304	BOONERAH 130152	0.7	8.7	13.1	0.2	0.6	0.9	-	-	14	136
		Purchaser							Price			
39	287	CASHMORE OAKLEA 122062	0.4	8.0	12.7	0.0	0.4	1.4	-	-	14	135
		Purchaser							Price			
40	510	BOONERAH 130152	0.7	8.8	12.7	0.6	0.0	-0.1	19	-	16	134
		Purchaser							Price			
2015 DROP AVERAGE:			0.6	6.6	9.6	-0.5	0.3	0.2	14	-19	5	121

LOT	TAG	SIRE	BW	WWT	PWT	FAT	MUSCLE	MILK	GFW%	WEC%	NLW%	INDEX
Account: S. & L. PARKER, "SOUTH WEST GENETICS"												
41	845	S W GENETICS 140927	0.6	9.6	14.1	-0.1	1.1	-0.1	-	-35	11	138
	Purchaser								Price			
42	847	S W GENETICS 140927	0.7	9.6	14.4	-0.7	0.5	0.2	-	-30	14	139
	Purchaser								Price			
43	866	S W GENETICS 140927	0.6	7.7	12.1	0	1.3	0.2	-	-30	15	138
	Purchaser								Price			
44	998	S W GENETICS 140865	0.5	8.6	13.0	0.7	2.2	-0.2	-	-51	8	137
	Purchaser								Price			
45	926	S W GENETICS 140927	0.5	8.2	12.3	-0.4	1.0	0.1	13	-38	14	137
	Purchaser								Price			
46	826	CASHMORE OAKLEA 113504	0.4	6.7	10.4	0.9	2.0	-0.7	10	-68	14	136
	Purchaser								Price			
47	953	CASHMORE OAKLEA 113504	0.4	6.5	10.6	0.3	0.8	-0.3	20	-42	17	135
	Purchaser								Price			
48	979	S W GENETICS 140927	0.3	6.5	10.7	0.1	1.7	0.1	-	-21	14	135
	Purchaser								Price			
49	906	S W GENETICS 140927	0.6	8.2	12.5	-0.7	0.7	0.4	4	-40	11	135
	Purchaser								Price			
50	878	S W GENETICS 140865	0.7	9.6	14.0	-0.9	0.4	-0.1	19	-4	10	134
	Purchaser								Price			
Account: M. J. & T. K. TONISSEN, "CHROME"												
51	1080	CASHMORE OAKLEA 132118	0.6	8.8	12.4	-0.9	0.3	0.3	10	-39	14	136
	Purchaser								Price			
52	1392	BOONERAH 120256	0.5	7.8	11.2	-0.8	0.5	0.9	11	26	18	136
	Purchaser								Price			
53	1460	CASHMORE OAKLEA 132118	0.7	8.2	12.4	-0.4	0.2	0.5	15	-57	13	136
	Purchaser								Price			
54	1568	BOONERAH 120256	0.5	6.0	8.4	0.0	0.6	1.1	10	27	18	132
	Purchaser								Price			
55	1860	HINENUI 061218	0.4	8.1	11.9	-0.3	0.2	-1.0	21	79	22	134
	Purchaser								Price			
56	184	CASHMORE OAKLEA 132118	0.6	7.0	11.4	-0.7	0.5	-1.0	13	-42	13	131
	Purchaser								Price			
57	2997	CASHMORE OAKLEA 122255	0.6	8.0	11.8	-0.8	0.1	-0.1	-	-8	17	135
	Purchaser								Price			
58	5013	CASHMORE OAKLEA 132179	0.5	7.0	11.1	-0.1	0.6	0.3	-	-27	15	134
	Purchaser								Price			
59	5111	CHROME 131266	0.7	9.0	12.5	-0.7	0.6	0.8	-	-17	12	135
	Purchaser								Price			
60	5383	CASHMORE OAKLEA 122255	0.6	8.0	10.9	-0.7	0.3	0.2	-	-42	13	133
	Purchaser								Price			
2015 DROP AVERAGE:			0.6	6.6	9.6	-0.5	0.3	0.2	14	-19	5	121

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%

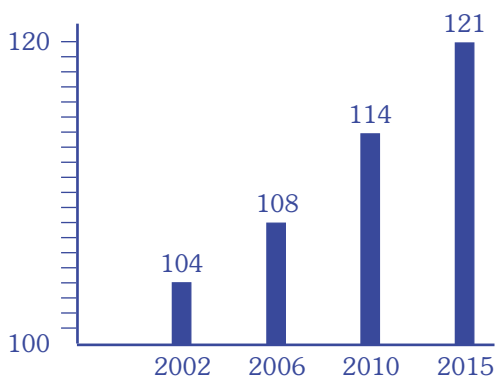
The construction of this index takes into account the rams genetic influence on the lifetime performance of his daughters (50% genetic influence), plus the 25% influence on the grand-daughters, 12.5% influence on the great grand-daughters, etc., plus the extra value of the wether sons and the value of 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

- | | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
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 478 Balkins Road
 HAMILTON 3300
 Ph (03) 5571 1797
 Mob 0417 149 805</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 2015 drop comprises more than 69,000 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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LAMBPLAN WEBSITE: www.sheepgenetics.org.au

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.

MATERNAL PERCENTILES (15/09/2016)

Band	Milk	WWT	PWWT	Fat	Muscle	GFW %	NLW %	Index
1%	1.8	10.2	14.7	1.0	3.1	32	19	138
5%	1.3	9.2	13.4	0.5	2.1	29	15	134
10%	1.1	8.6	12.6	0.3	1.6	26	13	132
20%	0.8	8.0	11.7	0.0	1.1	24	11	128
50%	0.2	6.6	9.6	-0.5	0.3	14	5	121