

Department of Primary Industries
and Regional Development

Flock size: 1000 ewes
Ewe body weight: 76 kgs
DSE rating: 2.99 DSEs/ewe

Wool	number	class	kg /hd	\$/kg
Shear	960	ewes	4.50	\$2.94
	20	rams	3.50	\$2.56
Crutch	1020	adults	0.30	\$2.23
	1156	lambs	0.25	\$2.23

number	class	\$ /hd	
177	CFA ewes	\$242.63	(33.4 kg cwt)
4	CFA rams	\$156.50	
578	mixed sex lambs	\$221.67	(21.0 kg cwt)
578	mixed sex lambs	\$246.06	(23.0 kg cwt)

Fodder	tonnes	type	value per tonne
Graz/fodder crop	0 t	0	\$0 /t

\$328.124

Replacements	number	class	cost (\$)/hd	reps
	5	rams	\$2,000.00	
	217	ewes (1.5 years)	\$248.00	
Cartage	217	ewes (1.5 years)	\$1.66	
Cartage	5	rams	\$55.00	

Shearing	960	ewes	\$10.38	1
	20	rams	\$14.31	1
Crutching	2156	ewes/lambs	\$1.58	1
	20	rams	\$3.45	1

Wool tax		1.50%
Commission, warehouse, testing charges		\$47.21/ bale
Wool - cartage	28 bales	\$16.00
- packs	28 packs	\$15.70

number **class**

Broadspectrum	1020	adults	\$2.02	2
	1210	lambs	\$0.95	3
Narrowspectrum	1020	adults	\$1.03	1
	1156	lambs	\$0.47	1
Lice control	980	adults	\$1.76	1
Fly control (long acting)	1000	adults	\$2.87	1
Fly control (short acting)	1156	weaners	\$1.60	1
Vaccination- 6 in 1	1020	adults	\$0.46	1
	1210	lambs	\$0.46	2
Mark (incl. pain relief and eID)	1210	lambs	\$4.68	1
Scanning	1000	ewes	\$1.05	1

Livestock cartage	1,337	sale sheep	\$1.66	\$2,219
Commission on sheep sales			4.50%	\$14,126
Levies (Yard dues, MLA Transaction levy and LLS rates)				\$4,928

299 ha	@	\$44 /ha	\$13.156
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		Supplementary feed @ \$330 /t			
Ewes	960	4.2 kg/hd/week	\$0.33 /kg	10 weeks	\$13,306
Mixed sex lambs	1156	5.0 kg/hd/week	\$0.33 /kg	8 weeks	\$15,259
	Total feed	86,560 kg	@	\$330	\$28,565
Graz/fodder crop	0 ha	@	\$0 /ha		\$0

\$167,504

GROSS MARGIN (A-B)	\$189,184.26
GROSS MARGIN /EWE	\$189.18
GROSS MARGIN /DSE	\$63.27
GROSS MARGIN /HA	\$632.72

incl. fodder
\$160,619.46
\$160.62
\$53.72
\$537.19

This budget should be used as a GUIDE ONLY and should be changed by the grower to take account of movements in commodity and input prices, changes in seasonal conditions and individual farm characteristics. Estimated prices are GST exclusive.

ASSUMPTIONS 1st CROSS EWES - Terminal Meat Rams

1. Flock Parameters

Flock mortality	4%	Ram %	2%
Productive life	5 years	Marking %	121%
Ewe body weight	76 kg	Weaning %	118%
DSE rating /ewe	3.0	Selling age	6-8 months
Stocking rate/ha	10 dse's		

Pasture maintenance = 90kg/ha single super @ \$400t + \$8.00/ha application

2. Flock

Structure Sheep numbers are modified to reflect mortality throughout the year.

Age	Number of ewes	
1.5	217	217 Replacements Bought
2.5	208	
3.5	200	1210 lambs
4.5	192	1180 weaned lambs
5.5	184	1156 mixed sex lambs sold
6.5	0	
Total	1000	177 CFA's sold

3. Wool Prices

1st Cross Ewe	Micron	AWEX Type	Clean price	Yield	Greasy price	Specifications (all 35n/ktex)	Proportion of Clip
- Fleece GTM	28	XF5B	\$4.68	71%	\$3.30	1%VMB, 90mm	75%
- Skirtings/bellies	26	XP5B.	\$3.43	55%	\$1.90	4.8%VMB, 80mm	20%
- Cardings	28	XZ2B.	\$2.63	61%	\$1.61	2.9%VMB.	5%
					\$2.94		used in budget

4. Sensitivity Tables - Changes in Gross Margin \$/DSE (includes fodder)

CFA ewes \$/hd	Replacement ewe cost \$/hd				
	\$124.00	\$186.00	\$248.00	\$310.00	\$372.00
\$121.31	\$55.86	\$51.36	\$46.86	\$42.36	\$37.86
\$181.97	\$59.29	\$54.79	\$50.29	\$45.79	\$41.29
\$242.63	\$62.72	\$58.22	\$53.72	\$49.22	\$44.72
\$303.29	\$66.15	\$61.65	\$57.15	\$52.65	\$48.15
\$363.94	\$69.58	\$65.08	\$60.58	\$56.08	\$51.58

Domestic Lmb \$/hd	Weaning %				
	59%	89%	118%	148%	177%
\$110.84	\$6.09	\$19.69	\$33.26	\$46.90	\$60.50
\$166.25	\$11.21	\$27.36	\$43.49	\$59.70	\$75.86
\$221.67	\$16.32	\$35.03	\$53.72	\$72.50	\$91.21
\$277.09	\$21.44	\$42.71	\$63.95	\$85.30	\$106.57
\$332.51	\$26.55	\$50.38	\$74.18	\$98.09	\$121.92

Export lamb \$/hd	Weaning %				
	59%	89%	118%	148%	177%
\$123.03	\$4.96	\$18.00	\$31.01	\$44.09	\$57.12
\$184.55	\$10.64	\$26.52	\$42.36	\$58.29	\$74.17
\$246.06	\$16.32	\$35.03	\$53.72	\$72.50	\$91.21
\$307.58	\$22.00	\$43.55	\$65.08	\$86.70	\$108.25
\$369.09	\$27.68	\$52.07	\$76.43	\$100.91	\$125.30

Domestic Lamb \$/hd	Export Lamb \$/hd				
	\$123.03	\$184.55	\$246.06	\$307.58	\$369.09
\$110.84	\$10.54	\$21.90	\$33.26	\$44.61	\$55.97
\$166.25	\$20.78	\$32.13	\$43.49	\$54.84	\$66.20
\$221.67	\$31.01	\$42.36	\$53.72	\$65.08	\$76.43
\$277.09	\$41.24	\$52.59	\$63.95	\$75.31	\$86.66
\$332.51	\$51.47	\$62.82	\$74.18	\$85.54	\$96.89

Note: The above sensitivity tables vary price and quantities by +/- 25% and +/- 50%.

Crutching \$/hd	Total shearing cost \$/hd				
	\$5.19	\$7.78	\$10.38	\$12.97	\$15.57
\$0.79	\$55.96	\$55.12	\$54.29	\$53.46	\$52.62
\$1.19	\$55.67	\$54.84	\$54.00	\$53.17	\$52.34
\$1.58	\$55.38	\$54.55	\$53.72	\$52.89	\$52.05
\$1.98	\$55.10	\$54.27	\$53.43	\$52.60	\$51.77
\$2.38	\$54.81	\$53.98	\$53.15	\$52.31	\$51.48

Feed m/sex lamb kg/hd/wk	Grain price \$/Tonne				
	\$165.00	\$247.50	\$330.00	\$412.50	\$495.00
2.5 kg	\$59.77	\$58.02	\$56.27	\$54.52	\$52.77
3.8 kg	\$59.13	\$57.06	\$54.99	\$52.93	\$50.86
5.0 kg	\$58.50	\$56.11	\$53.72	\$51.33	\$48.94
6.3 kg	\$57.86	\$55.15	\$52.44	\$49.74	\$47.03
7.5 kg	\$57.22	\$54.19	\$51.17	\$48.14	\$45.11

Note: The feeding sensitivity table varies quantities by +/- 25% and +/- 50%.

Sheep and wool prices thanks to MLA market reporting, AuctionsPlus and AWEX.