

1st CROSS EWES - Terminal Meat Rams

Farm Enterprise Budget Series - 2024 (ave.wool and sheep price Apr to Sep)

Flock size: 3344 ewes Farm Size 1000Ha
 Ewe body weight: 76 kgs
 DSE rating: 2.99 DSEs/ewe

INCOME

Wool	number	class	kg /hd	\$/kg		
Shear	3210	ewes	4.50	\$2.31	\$33,368	
	67	rams	3.50	\$2.13	\$499	
Crutch	3411	adults	0.30	\$2.03	\$2,080	
	3934	lambs	0.25	\$2.03	\$2,000	
Sheep Sales	number	class	\$ /hd			
	591	CFA ewes	\$114.70	(33.4 kg cwt)	\$67,787	
	13	CFA rams	\$57.02		\$741	
8 months	1934	mixed sex lambs	\$157.71	(21.0 kg cwt)	\$304,932	
9 months	1934	mixed sex lambs	\$172.73	(23.0 kg cwt)	\$333,973	
Fodder	tonnes	type	value per tonne			
Graz/fodder crop	0 t	0	\$0 /t		\$0	

A. Total Income:

\$745,382

VARIABLE COSTS

Replacements	number	class	cost (\$)/hd	reps		
	14	rams	\$2,000.00		\$28,000	
	724	ewes (1.5 years)	\$189.00		\$136,836	
Cartage	724	ewes (1.5 years)	\$1.66		\$1,202	
Cartage	14	rams	\$25.00		\$350	
Wool Harvesting & Selling Costs						
Shearing	3210	ewes	\$9.81	1	\$31,483	
	67	rams	\$13.62	1	\$913	
Crutching	7278	ewes/lambs	\$1.51	1	\$10,987	
	67	rams	\$3.31	1	\$222	
Wool tax			1.50%		\$569	
Commission, warehouse, testing charges			\$38.22/ bale		\$3,555	
Wool - cartage	93	bales	\$16.00		\$1,488	
- packs	93	packs	\$14.00		\$1,302	
Sheep Health	number	class				
Broadspectrum	3411	adults	\$1.59	2	\$10,847	
	4046	lambs	\$0.74	3	\$8,982	
Narrowspectrum	3411	adults	\$0.53	1	\$1,808	
	3867	lambs	\$0.24	1	\$928	
Lice control	3277	adults	\$1.62	1	\$5,309	
Fly control (long acting)	3344	adults	\$2.39	1	\$7,992	
fly control (short acting)	3867	weaners	\$0.46	1	\$1,779	
Vaccination- 6 in 1	3411	adults	\$0.43	1	\$1,467	
	4046	lambs	\$0.43	2	\$3,480	
Marking	4046	lambs	\$3.03	1	\$12,259	
Scanning	3344	ewes	\$1.05	1	\$3,511	
Livestock Selling Costs						
Livestock cartage	4,471	sale sheep	\$1.66		\$7,422	
Commission on sheep sales			4.50%		\$31,835	
Levies (Yard dues, MLA Transaction levy and LLS rates)					\$15,823	
Pasture maintenance	1000 ha	@	\$52 /ha		\$52,000	
Fodder						
		Supplementary feed @ \$280 /t				
Ewes/rams	3277	4.2 kg/hd/week	\$0.28 /kg	10 weeks	\$38,538	
Mixed sex lambs	3867	5.0 kg/hd/week	\$0.28 /kg	8 weeks	\$43,310	
Total feed		292,314 kg	@	\$280	\$81,848	
Graz/fodder crop	0 ha	@	\$200 /ha		\$0	

B. Total Variable Costs:

\$464,196

GROSS MARGIN (A-B)

excl. fodder
\$363,033.64

GROSS MARGIN /EWE

\$108.56

GROSS MARGIN /DSE

\$36.31

GROSS MARGIN /HA

\$363.09

incl. fodder
\$281,185.72

\$84.09

\$28.12

\$281.23

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 @ \$500t + \$7.00/ha application

2. Flock

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

Age	Number of ewes	
1.5	724	724 Replacements Bought
2.5	696	
3.5	668	4046 lambs
4.5	641	3946 weaned lambs
5.5	615	
6.5	0	591 CFA's sold
Total	3344	3867 mixed sex lambs 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	\$3.68	71%	\$2.60	1%VMB, 90mm	75%
- Skirtings/bellies	26	XP5B.	\$2.70	55%	\$1.49	4.8%VMB, 80mm	20%
- Cardings	28	XZ2B.	\$2.07	61%	\$1.27	2.9%VMB.	5%
					\$2.31		used in budget

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

CFA ewes \$/hd	Replacement ewe cost \$/hd				
	\$94.50	\$141.75	\$189.00	\$236.25	\$283.50
\$57.35	\$31.73	\$28.31	\$24.89	\$21.46	\$18.04
\$86.02	\$33.35	\$29.93	\$26.50	\$23.08	\$19.66
\$114.70	\$34.97	\$31.54	\$28.12	\$24.70	\$21.28
\$143.37	\$36.58	\$33.16	\$29.74	\$26.32	\$22.90
\$172.05	\$38.20	\$34.78	\$31.36	\$27.94	\$24.52

Domestic Lmb \$/Hd	Weaning %				
	59%	89%	118%	148%	177%
\$78.86	-\$5.02	\$4.27	\$13.56	\$22.85	\$32.16
\$118.28	-\$1.38	\$9.73	\$20.84	\$31.95	\$43.08
\$157.71	\$2.26	\$15.19	\$28.12	\$41.05	\$54.00
\$197.14	\$5.91	\$20.65	\$35.40	\$50.15	\$64.93
\$236.57	\$9.55	\$26.11	\$42.69	\$59.25	\$75.85

Export lamb \$/Hd	Weaning %				
	59%	89%	118%	148%	177%
\$86.37	-\$5.71	\$3.23	\$12.17	\$21.11	\$30.08
\$129.55	-\$1.72	\$9.21	\$20.15	\$31.08	\$42.04
\$172.73	\$2.26	\$15.19	\$28.12	\$41.05	\$54.00
\$215.91	\$6.25	\$21.17	\$36.10	\$51.01	\$65.97
\$259.10	\$10.24	\$27.15	\$44.07	\$60.98	\$77.93

Domestic Lamb \$/Hd	Export Lamb \$/Hd				
	\$86.37	\$129.55	\$172.73	\$215.91	\$259.10
\$78.86	-\$2.39	\$5.59	\$13.56	\$21.53	\$29.51
\$118.28	\$4.89	\$12.87	\$20.84	\$28.82	\$36.79
\$157.71	\$12.17	\$20.15	\$28.12	\$36.10	\$44.07
\$197.14	\$19.45	\$27.43	\$35.40	\$43.38	\$51.35
\$236.57	\$26.74	\$34.71	\$42.69	\$50.66	\$58.63

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

Crutching \$/hd	Total shearing cost \$/hd				
	\$4.90	\$7.36	\$9.81	\$12.26	\$14.71
\$0.75	\$30.25	\$29.46	\$28.67	\$27.88	\$27.10
\$1.13	\$29.97	\$29.18	\$28.40	\$27.61	\$26.82
\$1.51	\$29.70	\$28.91	\$28.12	\$27.34	\$26.55
\$1.89	\$29.42	\$28.64	\$27.85	\$27.06	\$26.27
\$2.26	\$29.15	\$28.36	\$27.57	\$26.79	\$26.00

Feed m/sex lamb kg/hd/wk	Grain price \$/Tonne				
	\$140.00	\$210.00	\$280.00	\$350.00	\$420.00
2.50 kg	\$33.00	\$31.34	\$29.68	\$28.03	\$26.37
3.75 kg	\$32.42	\$30.48	\$28.54	\$26.59	\$24.65
5.00 kg	\$31.85	\$29.62	\$27.39	\$25.16	\$22.93
6.25 kg	\$31.27	\$28.76	\$26.24	\$23.72	\$21.21
7.50 kg	\$30.70	\$27.90	\$25.09	\$22.29	\$19.49

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

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