

1st CROSS EWES - Terminal Meat Rams

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

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

INCOME

Wool	number	class	kg /hd	\$/kg
Shear	960	ewes	4.50	\$2.31
	20	rams	3.50	\$2.13
Crutch	1020	adults	0.30	\$2.03
	1156	lambs	0.25	\$2.03

Sheep Sales	number	class	\$ /hd	
	177	CFA ewes	\$114.70	(33.4 kg cwt)
	4	CFA rams	\$57.02	
8 months	578	mixed sex lambs	\$157.71	(21.0 kg cwt)
9 months	578	mixed sex lambs	\$172.73	(23.0 kg cwt)

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

A. Total Income:

VARIABLE COSTS

Replacements	number	class	cost (\$)/hd	reps
	5	rams	\$2,000.00	
	217	ewes (1.5 years)	\$189.00	
Cartage	217	ewes (1.5 years)	\$1.66	
Cartage	5	rams	\$55.00	

Wool Harvesting & Selling Costs

Shearing	960	ewes	\$9.81	1
	20	rams	\$13.62	1
Crutching	2156	ewes/lambs	\$1.51	1
	20	rams	\$3.31	1

Wool tax			1.50%	
Commission, warehouse, testing charges			\$45.62/ bale	
Wool - cartage	28	bales	\$16.00	
- packs	28	packs	\$14.00	

Sheep Health

	number	class		
Broadspectrum	1020	adults	\$1.59	2
	1210	lambs	\$0.74	3
Narrowspectrum	1020	adults/hoggets	\$0.53	1
	1156	lambs	\$0.24	1
Lice control	980	adults	\$1.62	1
Fly control (long acting)	1000	adults	\$2.39	1
fly control (short acting)	1156	weaners	\$0.46	1
Vaccination- 6 in 1	1020	adults	\$0.43	1
	1210	lambs	\$0.43	2
Marking	1210	lambs	\$3.03	1
Scanning	1000	ewes	\$1.05	1

Livestock Selling Costs

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

Pasture maintenance 299 ha @ \$52 /ha

Fodder

			Supplementary feed @ \$280 /t	
Ewes	960	4.2 kg/hd/week	\$0.28 /kg	10 weeks
Mixed sex lambs	1156	5.0 kg/hd/week	\$0.28 /kg	8 weeks
Total feed		86,560 kg	@	\$280
Graz/fodder crop	0 ha	@	\$0 /ha	

B. Total Variable Costs:

GROSS MARGIN (A-B)
GROSS MARGIN /EWE
GROSS MARGIN /DSE
GROSS MARGIN /HA

excl. fodder
\$106,350.94
\$106.35
\$35.57
\$355.69

incl. fodder
\$82,114.14
\$82.11
\$27.46
\$274.63

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	217	
2.5	208	
3.5	200	
4.5	192	
5.5	184	
6.5	0	
Total	1000	

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	\$31.08	\$27.65	\$24.22	\$20.79	\$17.36
\$86.02	\$32.70	\$29.27	\$25.84	\$22.41	\$18.98
\$114.70	\$34.32	\$30.89	\$27.46	\$24.03	\$20.60
\$143.37	\$35.94	\$32.51	\$29.08	\$25.65	\$22.23
\$172.05	\$37.56	\$34.13	\$30.71	\$27.28	\$23.85

Domestic Lmb \$/Hd	Weaning %				
	59%	89%	118%	148%	177%
\$78.86	-\$5.67	\$3.63	\$12.91	\$22.24	\$31.54
\$118.28	-\$2.03	\$9.09	\$20.18	\$31.34	\$42.46
\$157.71	\$1.61	\$14.55	\$27.46	\$40.45	\$53.39
\$197.14	\$5.25	\$20.01	\$34.74	\$49.55	\$64.31
\$236.57	\$8.89	\$25.47	\$42.02	\$58.66	\$75.24

Export lamb \$/Hd	Weaning %				
	59%	89%	118%	148%	177%
\$86.37	-\$6.36	\$2.59	\$11.52	\$20.50	\$29.46
\$129.55	-\$2.37	\$8.57	\$19.49	\$30.48	\$41.42
\$172.73	\$1.61	\$14.55	\$27.46	\$40.45	\$53.39
\$215.91	\$5.60	\$20.53	\$35.43	\$50.42	\$65.35
\$259.10	\$9.58	\$26.51	\$43.41	\$60.39	\$77.32

Domestic Lamb \$/Hd	Export Lamb \$/Hd				
	\$86.37	\$129.55	\$172.73	\$215.91	\$259.10
\$78.86	-\$3.04	\$4.93	\$12.91	\$20.88	\$28.85
\$118.28	\$4.24	\$12.21	\$20.18	\$28.16	\$36.13
\$157.71	\$11.52	\$19.49	\$27.46	\$35.43	\$43.41
\$197.14	\$18.80	\$26.77	\$34.74	\$42.71	\$50.69
\$236.57	\$26.08	\$34.05	\$42.02	\$49.99	\$57.96

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	\$29.58	\$28.79	\$28.01	\$27.22	\$26.43
\$1.13	\$29.31	\$28.52	\$27.74	\$26.95	\$26.16
\$1.51	\$29.04	\$28.25	\$27.46	\$26.68	\$25.89
\$1.89	\$28.77	\$27.98	\$27.19	\$26.40	\$25.62
\$2.26	\$28.49	\$27.71	\$26.92	\$26.13	\$25.34

Feed m/sex lamb kg/hd/wk	Grain price \$/Tonne				
	\$140.00	\$210.00	\$280.00	\$350.00	\$420.00
2.5 kg	\$32.60	\$31.11	\$29.63	\$28.14	\$26.66
3.8 kg	\$32.06	\$30.30	\$28.55	\$26.79	\$25.03
5.0 kg	\$31.52	\$29.49	\$27.46	\$25.44	\$23.41
6.3 kg	\$30.97	\$28.68	\$26.38	\$24.08	\$21.79
7.5 kg	\$30.43	\$27.87	\$25.30	\$22.73	\$20.16

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

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