

MERINO EWES (20 micron) - Terminal Rams

Farm Enterprise Budget Series - Oct 2022 (ave. wool and sheep price 1 Apr to 30 Sep)

Flock size: **1000 ewes**
 Ewe body weight: **59 kgs**
 DSE rating: **2.30 DSEs/ewe**

INCOME

				Standard Budget (\$)	Your Budget (\$)
Wool	number	class	kg /hd	\$/kg	
Shear	940	ewes	5.16	\$8.60	
	20	rams	3.50	\$2.09	
Crutch	1000	mixed ages	0.40	\$6.26	
	893	xb lambs/rams	0.25	\$2.40	
Sheep Sales	number	class	\$ /hd		
	165	CFA ewes	\$152.66	(26.0 kg cwt)	
	4	CFA rams	\$165.40		
8 months	437	mixed sex lambs	\$156.18	(20.0 kg cwt)	
10 months	437	mixed sex lambs	\$172.60	(22.0 kg cwt)	
Fodder	tonnes	type	value per tonne		
Graz/fodder crop	0 t	0	\$0 /t		
A. Total Income:					\$214,227
VARIABLE COSTS					
Replacements	number	class	cost (\$)/hd	reps	
	4	rams	\$1,200.00		
	225	ewes	\$221.00		
Cartage	225	ewes	\$2.50		
Cartage	4	rams	\$55.00		
Wool Harvesting & Selling Costs					
Shearing	940	ewes	\$9.01	1	
	20	rams	\$12.48	1	
Crutching	1000	ewes	\$1.76	1	
	20	rams	\$3.02	1	
	873	weaners	\$1.76	1	
Wool tax			1.50%		
Commission, warehouse, testing charges			\$44.10/ bale		
Wool - cartage	33	bales	\$16.00		
- packs	33	packs	\$14.00		
Sheep Health	number	class			
Broadspectrum	1020	adults/hoggets	\$1.59	2	
	900	lambs	\$0.74	3	
Narrowspectrum	1020	adults/hoggets	\$0.39	1	
	900	lambs	\$0.20	1	
Lice control	960	adults	\$1.64	1	
Fly control (long acting)	1020	adults	\$2.34	1	
Fly control (short acting)	900	weaners	\$0.50	1	
Vaccination- 6 in 1	1020	adults	\$0.38	1	
	930	lambs	\$0.38	2	
Mark	930	lambs	\$2.79	1	
Scanning	1000	ewes	\$0.80	1	
Livestock Selling Costs					
Livestock cartage	1,042	sale sheep	\$2.50		
Commission on sheep sales			4.50%		
Levies (Yard dues, MLA Transaction levy and LLS rates)					
Pasture maintenance	230 ha	@	\$73 /ha		
Fodder			Supplementary feed @ \$330 /t		
Ewes/rams	960	3.5 kg/hd/week	\$0.33 /kg	10 weeks	
Mixed sex lambs	873	5.0 kg/hd/week	\$0.33 /kg	12 weeks	
	Total feed	85,596 kg	@	\$330.00	
Graz/fodder crop	0 ha	@	\$106 /ha		
B. Total Variable Costs:					\$143,847
					excl. fodder
					incl. fodder
					\$98,626.17
					\$70,379.49
					\$98.63
					\$70.38
					\$42.88
					\$30.60
					\$428.81
					\$306.00

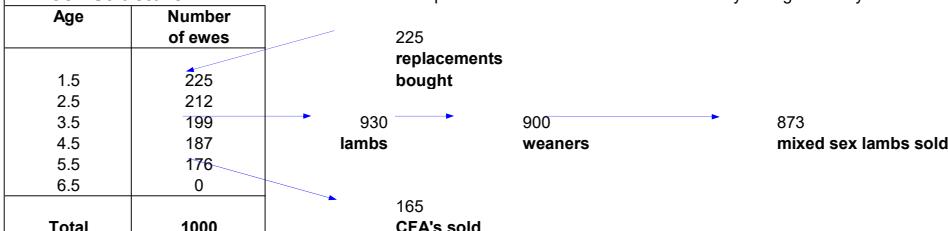
ASSUMPTIONS MERINO EWES (20 micron) - Terminal Rams

1. Flock Parameters

Flock mortality	6%	Ram %	2%
Productive life	5 years	Marking %	93%
Ewe body weight	59 kg	Weaning %	90%
DSE rating /ewe	2.3	Weaning age	3 months
Stocking rate/ha	10 dse's		

Pasture maintenance = 90kg/ha single super @ \$730t + \$7.00/ha application

2. Flock Structure



3. Wool Prices

Merino Ewe	Micron	AWEX Type	Clean price	Yield	Greasy price	Specifications (all 35n/ktex)	Proportion of Clip
- Fleece GTM	20	MF5B.	\$14.22	65%	\$9.27	1%VMB, 90mm	75%
- Skirtings/bellies	19	MP5B.	\$13.12	56%	\$7.32	4.8%VMB, 80mm	20%
- Cardings	20	MZ2B.	\$7.12	52%	\$3.69	2.9%VMB.	5%
					\$8.60		used in budget

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

Wool Cut kg/hd	Adult Greasy Wool Price \$/Kg greasy				
	\$4.30	\$6.45	\$8.60	\$10.75	\$12.90
2.58 kg	\$17.63	\$19.86	\$22.09	\$24.33	\$26.56
3.87 kg	\$19.64	\$22.98	\$26.33	\$29.68	\$33.02
5.16 kg	\$21.68	\$26.14	\$30.60	\$35.06	\$39.52
6.44 kg	\$23.68	\$29.26	\$34.84	\$40.41	\$45.99
7.73 kg	\$25.69	\$32.38	\$39.07	\$45.77	\$52.46

Cast for age \$/Hd	Replacement ewe cost \$/Hd				
	\$110.50	\$165.75	\$221.00	\$276.25	\$331.50
\$76.33	\$36.18	\$30.78	\$25.37	\$19.97	\$14.56
\$114.50	\$38.79	\$33.39	\$27.98	\$22.58	\$17.18
\$152.66	\$41.41	\$36.00	\$30.60	\$25.19	\$19.79
\$190.83	\$44.02	\$38.62	\$33.21	\$27.81	\$22.40
\$229.00	\$46.64	\$41.23	\$35.83	\$30.42	\$25.02

Domestic Lamb \$/Hd	Weaning %				
	45%	68%	90%	113%	135%
\$78.09	\$0.09	\$8.27	\$16.45	\$24.62	\$32.84
\$117.14	\$3.63	\$13.58	\$23.52	\$33.47	\$43.46
\$156.18	\$7.18	\$18.89	\$30.60	\$42.31	\$54.08
\$195.23	\$10.72	\$24.20	\$37.68	\$51.16	\$64.70
\$234.27	\$14.26	\$29.51	\$44.75	\$60.00	\$75.32

Domestic Lamb \$/Hd	Export Lamb \$/Hd				
	86.30	129.45	172.60	215.75	258.90
\$78.09	\$0.81	\$8.63	\$16.45	\$24.27	\$32.09
\$117.14	\$7.88	\$15.70	\$23.52	\$31.34	\$39.16
\$156.18	\$14.96	\$22.78	\$30.60	\$38.42	\$46.24
\$195.23	\$22.04	\$29.86	\$37.68	\$45.50	\$53.32
\$234.27	\$29.11	\$36.93	\$44.75	\$52.57	\$60.39

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

Crutching \$/hd	Total shearing cost \$/hd				
	\$4.50	\$6.76	\$9.01	\$11.26	\$13.51
\$0.88	\$33.16	\$32.24	\$31.32	\$30.40	\$29.48
\$1.32	\$32.80	\$31.88	\$30.96	\$30.04	\$29.12
\$1.76	\$32.44	\$31.52	\$30.60	\$29.68	\$28.76
\$2.20	\$32.08	\$31.16	\$30.24	\$29.32	\$28.40
\$2.64	\$31.72	\$30.80	\$29.88	\$28.96	\$28.04

Feed m/sex lamb kg/hd/wk	Grain price \$/Tonne				
	\$165.00	\$247.50	\$330.00	\$412.50	\$495.00
2.5 kg	\$38.62	\$36.49	\$34.36	\$32.23	\$30.10
3.8 kg	\$37.68	\$35.08	\$32.48	\$29.88	\$27.28
5.0 kg	\$36.74	\$33.67	\$30.60	\$27.53	\$24.46
6.3 kg	\$35.80	\$32.26	\$28.72	\$25.18	\$21.64
7.5 kg	\$34.86	\$30.85	\$26.84	\$22.83	\$18.82

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

Sheep and wool prices thanks to MLA market reporting, AuctionsPlus and AWEX. Wool cuts based on wether trial data