

MERINO EWES (20 mic) - 75% Merino Rams, 25% to Terminal
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: 2.63 DSEs/ewe

INCOME

						Standard Budget (\$)	Your Budget (\$)					
Wool	number	class	kg /hd	\$/kg								
					Shear	955 ewes	5.64	\$8.60	\$46,324			
						305 ewe hoggets	5.64	\$9.69	\$16,670			
						20 rams	7.50	\$8.61	\$1,292			
						626 merino lambs	1.18	\$4.37	\$3,216			
	222 xb lamb	1.18	\$1.34	\$350								
Crutch												
					1020 adults	0.40	\$6.26	\$2,556				
					626 merino lambs	0.30	\$6.26	\$1,176				
	212 xb lambs	0.25	\$2.40	\$127								
Sheep Sales	number	class		\$/hd								
								174 CFA ewes	\$152.66	(26.0 kg cwt)	\$26,564	
								4 CFA rams	\$165.40		\$662	
								11 months 319 M. weth lambs	\$148.81	(20.0 kg cwt)	\$47,470	
								86 M. ewe hoggets	\$221.00	(16 months)	\$19,006	
								10 months 106 mixed sex lambs	\$156.18	(20.0 kg cwt)	\$16,555	
11 months 106 mixed sex lambs	\$172.60	(22.0 kg cwt)	\$18,296									
Fodder	tonnes	type		value per tonne								
								Graz/fodder crop	0 t	0	\$0 /t	\$0

A. Total Income:
\$200,263
VARIABLE COSTS

Replacements	number	class	cost (\$)/hd	reps											
					3 rams	\$2,000.00		\$6,000							
					1 rams	\$1,200.00		\$1,200							
cartage	4	rams	\$55.00		\$220										
Wool Harvesting & Selling Costs															
Shearing	2108	ewes/hogg/lmb	\$9.01	1	\$18,987										
	20	rams	\$12.48	1	\$250										
Crutching	1838	ewes/hogg/lmb	\$1.76	1	\$3,234										
	20	rams	\$3.02	1	\$60										
Wool tax			1.50%		\$1,076										
Commission, warehouse, testing charges			\$44.10/ bale		\$2,161										
Wool - cartage	49	bales	\$16.00		\$784										
- packs	49	packs	\$14.00		\$686										
Sheep Health	number	class													
								1020 adults/hoggets	\$1.59	2	\$3,244				
								900 lambs	\$0.74	3	\$1,998				
								1020 adults/hoggets	\$0.39	1	\$398				
								900 lambs	\$0.20	1	\$180				
								2128 adults/hoggets	\$1.64	1	\$3,490				
								1020 adults/hoggets	\$2.34	1	\$2,387				
								838 weaners	\$0.50	1	\$419				
								1020 adults/hoggets	\$0.38	1	\$388				
								900 lambs	\$0.38	2	\$684				
								563 terminal lambs	\$2.79	1	\$1,569				
								338 lambs	\$6.32	1	\$2,132				
								1000 ewes	\$0.80	1	\$800				
								Livestock Selling Costs							
								Livestock cartage	795	sale sheep	\$2.50		\$1,988		
Commission on sheep sales			4.50%		\$5,785										
Levies (Yard dues, MLA Transaction levy and LLS rates)					\$2,652										
Pasture maintenance	265 ha	@	\$73 /ha		\$19,266										
Fodder															
		Supplementary feed @ \$330 /t													
Ewes/Hoggets	1020	3.5 kg/hd/week	\$0.33 /kg	10 weeks	\$11,646										
Merino ewe lambs	313	2.8 kg/hd/week	\$0.33 /kg	12 weeks	\$3,471										
Merino weth. and 1st X lambs	531	5.0 kg/hd/week	\$0.33 /kg	12 weeks	\$10,514										
Total feed		77,669 kg	@	\$330.00	\$25,631										
Graz/fodder crop	0 ha	@	\$0 /ha		\$0										

B. Total Variable Costs:
\$107,667

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

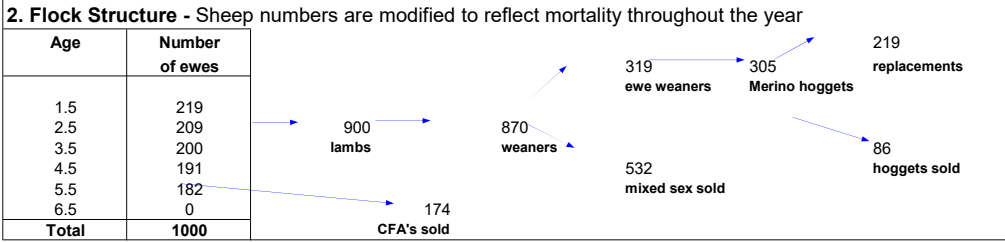
excl. fodder
\$118,227.07
\$118.23
\$44.95
\$449.53

incl. fodder
\$92,596.37
\$92.60
\$35.21
\$352.08

ASSUMPTIONS MERINO EWES (20 mic) - 75% Merino Rams, 25% to Terminal

1. Flock Parameters

Flock mortality	5%	Ram %	2%
Productive life	5 years	Marking %	90%
Ewe body weight	59	Weaning %	87%
DSE rating /ewe	2.63	Weaning age	3 months
Stocking rate/ha	10 dse's	Ewe % joined to terminal ram	25%
Pasture maintenance = 90kg/ha single super @ \$730t + \$7.00/ha application			



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
2.82 kg	\$22.62	\$24.79	\$26.96	\$29.12	\$31.29
4.23 kg	\$24.56	\$27.81	\$31.07	\$34.32	\$37.57
5.64 kg	\$26.53	\$30.87	\$35.21	\$39.55	\$43.88
7.05 kg	\$28.48	\$33.90	\$39.32	\$44.74	\$50.16
8.46 kg	\$30.45	\$36.95	\$43.46	\$49.97	\$56.47

Ewe hoggets \$/Hd	Value of wether lambs \$/Hd				
	\$74.41	\$111.61	\$148.81	\$186.01	\$223.22
\$110.50	\$23.14	\$27.45	\$31.76	\$36.07	\$40.38
\$165.75	\$24.86	\$29.17	\$33.48	\$37.79	\$42.10
\$221.00	\$26.59	\$30.90	\$35.21	\$39.52	\$43.83
\$276.25	\$28.31	\$32.62	\$36.93	\$41.24	\$45.55
\$331.50	\$30.04	\$34.35	\$38.66	\$42.97	\$47.28

Domestic Lmb \$/Hd	Weaning %				
	44%	65%	87%	109%	131%
\$78.09	\$9.61	\$20.88	\$32.20	\$43.47	\$54.54
\$117.14	\$10.36	\$22.01	\$33.70	\$45.36	\$56.80
\$156.18	\$11.11	\$23.15	\$35.21	\$47.24	\$59.05
\$195.23	\$11.86	\$24.28	\$36.71	\$49.13	\$61.30
\$234.27	\$12.61	\$25.42	\$38.21	\$51.01	\$63.56

Export Lmb \$/Hd	Weaning %				
	44%	65%	87%	109%	131%
\$86.30	\$9.45	\$20.64	\$31.89	\$43.08	\$54.07
\$129.45	\$10.28	\$21.89	\$33.55	\$45.16	\$56.56
\$172.60	\$11.11	\$23.15	\$35.21	\$47.24	\$59.05
\$215.75	\$11.94	\$24.40	\$36.87	\$49.33	\$61.54
\$258.90	\$12.77	\$25.65	\$38.53	\$51.41	\$64.03

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	\$39.43	\$37.63	\$35.82	\$34.02	\$32.21
\$1.32	\$39.12	\$37.32	\$35.52	\$33.71	\$31.91
\$1.76	\$38.82	\$37.01	\$35.21	\$33.40	\$31.60
\$2.20	\$38.51	\$36.71	\$34.90	\$33.10	\$31.29
\$2.64	\$38.20	\$36.40	\$34.59	\$32.79	\$30.98

M. Weth. & 1st X kg/hd/wk	Grain price \$/Tonne				
	\$165.00	\$247.50	\$330.00	\$412.50	\$495.00
2.5 kg	\$41.08	\$39.14	\$37.21	\$35.27	\$33.33
3.8 kg	\$40.58	\$38.39	\$36.21	\$34.02	\$31.83
5.0 kg	\$40.08	\$37.64	\$35.21	\$32.77	\$30.33
6.3 kg	\$39.58	\$36.89	\$34.21	\$31.52	\$28.84
7.5 kg	\$39.08	\$36.15	\$33.21	\$30.27	\$27.34

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