

MERINO EWES (20 mic) - 75% Merino Rams, 25% to Terminal
Farm Enterprise Budget Series - 2022 (ave.wool and sheep price 1 Apr to 30 Sep)

Flock size: 3802 ewes **Farm Size** 1000Ha
Ewe body weight: 59 kgs
DSE rating: 2.63 DSEs/ewe

INCOME

	number	class	kg /hd	\$/kg		Standard Budget (\$)	Your Budget (\$)
Wool							
Shear	3631	ewes	5.64	\$8.60		\$176,129	
	1157	ewe hoggets	5.64	\$9.69		\$63,236	
	76	rams	7.50	\$8.61		\$4,908	
	2412	merino lambs	1.18	\$4.37		\$12,391	
	827	xb lamb	1.18	\$1.34		\$1,304	
Crutch							
	3878	adults	0.40	\$6.26		\$9,717	
	2412	merino lambs	0.30	\$6.26		\$4,533	
	808	xb lambs	0.25	\$2.40		\$486	
Sheep Sales							
	661	CFA ewes	\$152.66	(26.0 kg cwt)		\$100,911	
	15	CFA rams	\$165.40			\$2,481	
11 months	1212	M. weth lambs	\$148.81	(20.0 kg cwt)		\$180,358	
	325	M. ewe hoggets	\$221.00	(16 months)		\$71,825	
10 months	404	mixed sex lambs	\$156.18	(20.0 kg cwt)		\$63,097	
11 months	404	mixed sex lambs	\$172.60	(22.0 kg cwt)		\$69,730	
Fodder							
Graz/fodder crop	0 t	0		value per tonne \$0 /t		\$0	

A. Total Income:

\$761,104

VARIABLE COSTS

	number	class	cost (\$)/hd	reps		Standard Budget (\$)	Your Budget (\$)
Replacements							
	11	rams	\$2,000.00			\$22,000	
	4	rams	\$1,200.00			\$4,800	
cartage	15	rams	\$55.00			\$825	
Wool Harvesting & Selling Costs							
Shearing	8027	ewes/lmb	\$9.01	1		\$72,298	
	76	rams	\$12.48	1		\$949	
Crutching	7022	ewes/lmb	\$1.76	1		\$12,356	
	76	rams	\$3.02	1		\$230	
Wool tax			1.50%			\$4,091	
Commission, warehouse, testing charges			\$37.13/ bale			\$6,980	
Wool - cartage	188	bales	\$16.00			\$3,008	
- packs	188	packs	\$14.00			\$2,632	
Sheep Health							
Broadspectrum	3878	adults	\$1.59	2		\$12,332	
	3422	lambs	\$0.74	3		\$7,597	
Narrowspectrum	3878	adults	\$0.39	1		\$1,512	
	3422	lambs	\$0.20	1		\$684	
Lice control	8103	adults	\$1.64	1		\$13,289	
Fly control (long acting)	3878	adults	\$2.34	1		\$9,075	
Fly control (short acting)	3220	weaners	\$0.50	1		\$1,610	
Vaccination- 6 in 1	3878	adults	\$0.38	1		\$1,474	
	3422	lambs	\$0.38	2		\$2,601	
Mark	2139	terminal lambs	\$2.79	1		\$5,967	
Mark (includes OJD)	1283	lambs	\$6.32	1		\$8,108	
Scanning	3802	ewes	\$0.80	1		\$3,042	
Livestock Selling Costs							
Livestock cartage	3,021	sale sheep	\$2.50			\$7,553	
Commission on sheep sales			4.50%			\$21,978	
Levies (Yard dues, MLA Transaction levy and LLS rates)						\$9,704	
Pasture maintenance	1000 ha	@	\$73 /ha			\$72,700	
Fodder							
			Supplementary feed @ \$330 /t				
Ewes/Hoggets	3878	3.5 kg/hd/week	\$0.33 /kg	10 weeks		\$44,279	
Merino ewe lambs	1206	2.8 kg/hd/week	\$0.33 /kg	12 weeks		\$13,372	
Merino weth. and 1st X lambs	2020	5.0 kg/hd/week	\$0.33 /kg	12 weeks		\$39,996	
Total feed		295,900 kg	@	\$330.00		\$97,647	
Graz/fodder crop	0 ha	@	\$200 /ha			\$0	

B. Total Variable Costs:

\$407,040

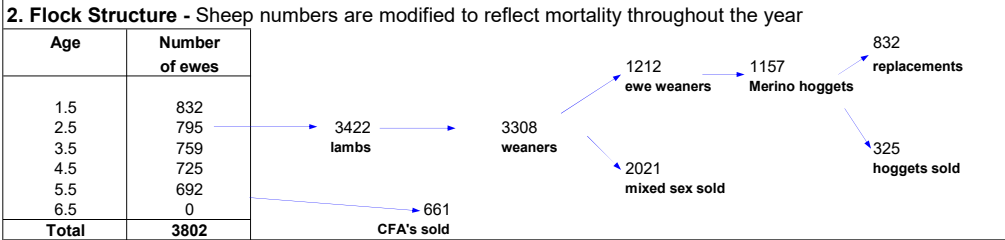
GROSS MARGIN (A-B)
GROSS MARGIN /EWE
GROSS MARGIN /DSE
GROSS MARGIN /HA

excl. fodder
\$451,711.07
\$118.81
\$45.17
\$451.74

incl. fodder
\$354,063.94
\$93.13
\$35.41
\$354.09

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	\$22.78	\$24.95	\$27.12	\$29.29	\$31.45
4.23 kg	\$24.75	\$28.01	\$31.26	\$34.51	\$37.77
5.64 kg	\$26.73	\$31.07	\$35.41	\$39.75	\$44.08
7.05 kg	\$28.71	\$34.13	\$39.55	\$44.97	\$50.40
8.46 kg	\$30.69	\$37.20	\$43.70	\$50.21	\$56.71

Ewe hoggets \$/Hd	Value of wether lambs \$/Hd				
	\$74.41	\$111.61	\$148.81	\$186.01	\$223.22
\$110.50	\$23.37	\$27.67	\$31.98	\$36.29	\$40.59
\$165.75	\$25.08	\$29.39	\$33.69	\$38.00	\$42.31
\$221.00	\$26.80	\$31.10	\$35.41	\$39.72	\$44.02
\$276.25	\$28.51	\$32.82	\$37.12	\$41.43	\$45.74
\$331.50	\$30.23	\$34.53	\$38.84	\$43.15	\$47.45

Domestic Lmb \$/Hd	Weaning %				
	44%	65%	87%	109%	131%
\$78.09	\$10.30	\$21.35	\$32.40	\$43.50	\$54.56
\$117.14	\$11.05	\$22.48	\$33.90	\$45.39	\$56.82
\$156.18	\$11.80	\$23.61	\$35.41	\$47.27	\$59.08
\$195.23	\$12.56	\$24.74	\$36.92	\$49.15	\$61.34
\$234.27	\$13.31	\$25.87	\$38.42	\$51.03	\$63.60

Export Lmb \$/Hd	Weaning %				
	44%	65%	87%	109%	131%
\$86.30	\$10.14	\$21.11	\$32.08	\$43.11	\$54.08
\$129.45	\$10.97	\$22.36	\$33.74	\$45.19	\$56.58
\$172.60	\$11.80	\$23.61	\$35.41	\$47.27	\$59.08
\$215.75	\$12.63	\$24.86	\$37.07	\$49.35	\$61.57
\$258.90	\$13.47	\$26.11	\$38.74	\$51.43	\$64.07

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	\$39.64	\$37.83	\$36.03	\$34.22	\$32.41
\$1.32	\$39.33	\$37.53	\$35.72	\$33.91	\$32.10
\$1.76	\$39.02	\$37.22	\$35.41	\$33.60	\$31.79
\$2.20	\$38.72	\$36.91	\$35.10	\$33.29	\$31.48
\$2.64	\$38.41	\$36.60	\$34.79	\$32.98	\$31.18

M. Weth. & 1st X kg/hd/wk	Grain price \$/Tonne				
	\$165.00	\$247.50	\$330.00	\$412.50	\$495.00
2.5 kg	\$41.29	\$39.35	\$37.41	\$35.47	\$33.53
3.8 kg	\$40.79	\$38.60	\$36.41	\$34.22	\$32.03
5.0 kg	\$40.29	\$37.85	\$35.41	\$32.97	\$30.53
6.3 kg	\$39.79	\$37.10	\$34.41	\$31.72	\$29.03
7.5 kg	\$39.29	\$36.35	\$33.41	\$30.47	\$27.53

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