

MERINO EWES (20 micron) - Maternal Meat Rams

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

Flock size: **3610 ewes** Farm Size **1000Ha**
 Ewe body weight: **59 kgs**
 DSE rating: **2.77 DSEs/ewe**

INCOME

					Standard Budget (\$)	Your Budget (\$)
Wool	number	class	kg /hd	\$/kg		
Shear	3430	ewes	5.16	\$8.60	\$152,067	
	72	rams	4.50	\$2.09	\$677	
	1588	ewe lambs	1.13	\$4.21	\$7,521	
	1548	ewe hoggets	4.50	\$4.21	\$29,327	
Crutch	3682	adults	0.40	\$6.26	\$9,226	
	3176	lambs	0.25	\$2.40	\$1,909	
Sheep Sales	number	class	\$/hd			
	617	CFA ewes	\$152.66	(26.0 kg cwt)	\$94,194	
	14	CFA rams	\$165.40		\$2,316	
8 months	1588	weth lambs	\$146.20	(20.0 kg cwt)	\$232,166	
	1548	ewe Hoggets	\$281.00	(16 months)	\$434,988	
Fodder	tonnes	type	value per tonne			
Graz/fodder crop	0 t	0	\$0 /t		\$0	
A. Total Income:					\$964,389	

VARIABLE COSTS

Replacements	number	class	cost (\$)/hd	reps		
	14	rams	\$1,200.00		\$16,800	
	798	ewes (1.5 years)	\$221.00		\$176,358	
Cartage	798	ewes (1.5 years)	\$2.50		\$1,995	
Cartage	14	rams	\$55.00		\$770	
Wool Harvesting & Selling Costs						
Shearing	5050	adults/hoggets	\$9.01	1	\$45,485	
	72	rams	\$12.48	1	\$899	
	1588	ewe lambs	\$9.01	1	\$14,303	
Crutching	6786	ewe/lambs	\$1.76	1	\$11,941	
	72	rams	\$3.02	1	\$218	
Wool tax			1.50%		\$3,011	
Commission, warehouse, testing charges			\$37.13/ bale		\$5,977	
Wool - cartage	161	bales	\$16.00		\$2,576	
- packs	161	packs	\$14.00		\$2,254	
Sheep Health	number	class				
Broadspectrum	3682	adults	\$1.59	2	\$11,709	
	3176	lambs	\$0.74	3	\$7,051	
Narrowspectrum	3682	adults	\$0.39	1	\$1,436	
	3176	lambs	\$0.20	1	\$635	
Lice control	5050	adults	\$1.64	1	\$8,282	
	1588	ewe lambs	\$1.23	1	\$1,953	
Fly control (long acting)	3682	adults	\$2.34	1	\$8,616	
Fly control (short acting)	3176	weaners	\$0.50	1	\$1,588	
Vaccination- 6 in 1	3682	adults	\$0.38	1	\$1,399	
	3357	lambs	\$0.38	2	\$2,551	
Mark	1678.5	wether lambs	\$2.79	1	\$4,683	
Mark/OJD vaccine	1678.5	ewe lambs	\$6.32	1	\$10,605	
Scanning	3610	ewes	\$0.80	1	\$2,888	
Livestock Selling Costs						
Livestock cartage	3,767	sale sheep	\$2.50		\$9,418	
Commission on sheep sales			4.50%		\$34,365	
Levies (Yard dues, MLA Transaction levy and LLS rates)					\$12,376	
Pasture maintenance	1000 ha	@	\$73 /ha		\$72,700	
Fodder						
		Supplementary feed @ \$330 /t				
Ewe /hoggets/rams	3502	3.46 kg/hd/week	\$0.33 /kg	10 weeks	\$39,986	
Ewe lambs	1588	2.8 kg/hd/week	\$0.33 /kg	12 weeks	\$17,608	
Wether lambs	1588	5.0 kg/hd/week	\$0.33 /kg	10 weeks	\$26,202	
Total feed		253,926 kg	@	\$330	\$83,796	
Graz/fodder crop	0 ha	@	\$200 /ha		\$0	
B. Total Variable Costs:					\$558,637	

	excl. fodder	incl. fodder
GROSS MARGIN (A-B)	\$489,548.07	\$405,752.49
GROSS MARGIN /EWE	\$135.61	\$112.40
GROSS MARGIN /DSE	\$48.96	\$40.58
GROSS MARGIN /HA	\$489.56	\$405.76

ASSUMPTIONS MERINO EWES (20 micron) - Maternal Meat Rams

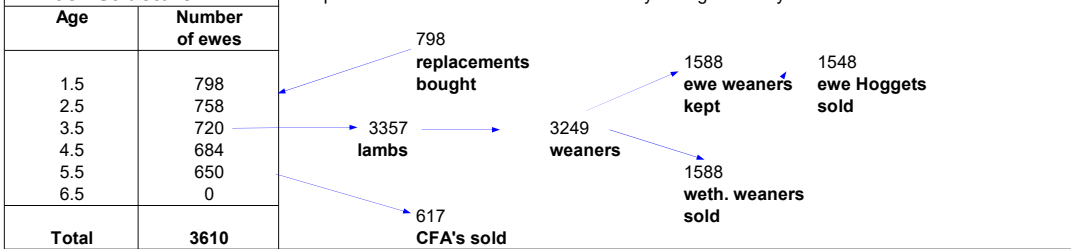
1. Flock Parameters

Flock mortality	5%	Ram %	2%
Productive life	5	Marking %	93%
Ewe body weight	59 kg	Weaning %	90%
DSE rating /ewe	2.77	Weaning age	3 months
Stocking rate/ha	10 dse's		

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

2. Flock Structure

Sheep numbers are modified to reflect mortality throughout the year.



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	\$29.67	\$31.54	\$33.42	\$35.29	\$37.16
3.87 kg	\$31.38	\$34.18	\$36.99	\$39.80	\$42.61
5.16 kg	\$33.09	\$36.83	\$40.58	\$44.32	\$48.07
6.44 kg	\$34.79	\$39.47	\$44.15	\$48.83	\$53.52
7.73 kg	\$36.50	\$42.12	\$47.74	\$53.35	\$58.97

Cast for age \$/head	Replacement ewe cost \$/Hd				
	\$110.50	\$165.75	\$221.00	\$276.25	\$331.50
\$76.33	\$44.90	\$40.49	\$36.08	\$31.67	\$27.26
\$114.50	\$47.15	\$42.74	\$38.33	\$33.92	\$29.51
\$152.66	\$49.39	\$44.99	\$40.58	\$36.17	\$31.76
\$190.83	\$51.64	\$47.23	\$42.83	\$38.42	\$34.01
\$229.00	\$53.89	\$49.48	\$45.07	\$40.67	\$36.26

1st X weth.lmb \$/Hd	Weaning %				
	45%	68%	90%	113%	135%
\$73.10	\$7.73	\$18.61	\$29.49	\$40.34	\$51.25
\$109.65	\$10.50	\$22.77	\$35.03	\$47.27	\$59.56
\$146.20	\$13.27	\$26.92	\$40.58	\$54.19	\$67.87
\$182.75	\$16.04	\$31.08	\$46.12	\$61.12	\$76.19
\$219.30	\$18.81	\$35.24	\$51.66	\$68.04	\$84.50

1st X weth.lmb \$/Hd	1st X ewe Hoggets \$/hd				
	\$140.50	\$210.75	\$281.00	\$351.25	\$421.50
\$73.10	\$8.72	\$19.10	\$29.49	\$39.88	\$50.26
\$109.65	\$14.26	\$24.65	\$35.03	\$45.42	\$55.80
\$146.20	\$19.81	\$30.19	\$40.58	\$50.96	\$61.35
\$182.75	\$25.35	\$35.73	\$46.12	\$56.51	\$66.89
\$219.30	\$30.89	\$41.28	\$51.66	\$62.05	\$72.43

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

Hogget \$/hd	Adult shearing cost \$/hd				
	\$4.50	\$6.76	\$9.01	\$11.26	\$13.51
\$4.50	\$43.57	\$42.43	\$41.29	\$40.15	\$39.02
\$6.76	\$43.21	\$42.07	\$40.93	\$39.80	\$38.66
\$9.01	\$42.85	\$41.71	\$40.58	\$39.44	\$38.30
\$11.26	\$42.49	\$41.36	\$40.22	\$39.08	\$37.94
\$13.51	\$42.14	\$41.00	\$39.86	\$38.72	\$37.59

Feed Adult Ewes kg/hd/wk	Grain price \$/Tonne				
	\$165.00	\$247.50	\$330.00	\$412.50	\$495.00
1.7 kg	\$45.77	\$44.17	\$42.58	\$40.98	\$39.39
2.6 kg	\$45.27	\$43.42	\$41.58	\$39.73	\$37.89
3.5 kg	\$44.77	\$42.67	\$40.58	\$38.48	\$36.39
4.3 kg	\$44.27	\$41.92	\$39.58	\$37.23	\$34.89
5.2 kg	\$43.77	\$41.17	\$38.58	\$35.98	\$33.39

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

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.