

MERINO EWES (20 mic) - Merino Rams, wether lambs finished
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: 2.65 DSEs/ewe

INCOME

					Standard Budget (\$)	Your Budget (\$)
Wool	number	class	kg /hd	\$/kg		
Shear	960	ewes	5.64	\$8.60	\$46,567	
	404	ewe hoggets	5.64	\$9.69	\$22,081	
	20	rams	8.00	\$8.61	\$1,378	
	842	lambs 4 months	1.18	\$4.37	\$4,326	
Crutch	1020	Adults	0.40	\$6.26	\$2,556	
	842	lambs	0.30	\$6.26	\$1,582	
Sheep Sales	number	class	\$/hd			
	177	CFA ewes	\$152.66	(26.0 kg cwt)	\$27,022	
	4	CFA rams	\$165.40		\$662	
11 months	421	wether lambs	\$148.81	(20.0 kg cwt)	\$62,649	
	187	ewe hoggets	\$221.00	(16 months)	\$41,327	
Fodder	tonnes	type	value per tonne			
Graz/fodder crop	0 t	0	\$0 /t		\$0	
A. Total Income:					\$210,148	

VARIABLE COSTS

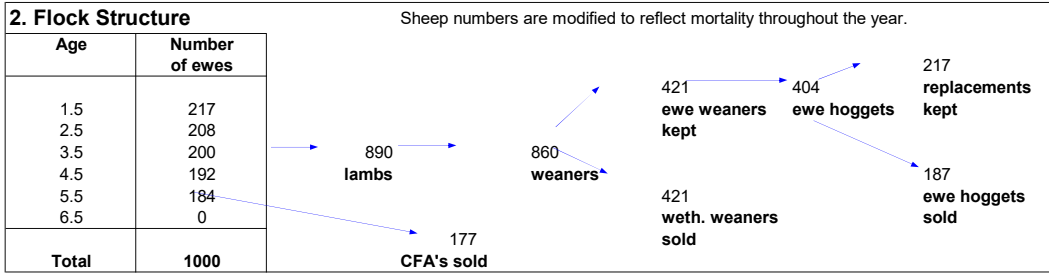
Replacements	number	class	cost (\$)/hd	reps		
	4	rams	\$2,000.00			\$8,000
cartage	4	rams	\$55.00			\$220
Wool Harvesting & Selling Costs						
Shearing	2206	ewes/hogg/lmb	\$9.01	1		\$19,869
	20	rams	\$12.48	1		\$250
Crutching	1842	ewes/lambs	\$1.76	1		\$3,241
	20	rams	\$3.02	1		\$60
Wool tax			1.50%			\$1,177
Commission, warehouse, testing charges			\$44.10/ bale			\$2,337
Wool - cartage	53	bales	\$16.00			\$848
- packs	53	packs	\$14.00			\$742
Sheep Health	number	class				
Broadspectrum	1020	adults/hoggets	\$1.59	2		\$3,244
	842	lambs	\$0.74	3		\$1,869
Narrowspectrum	1020	adults/hoggets	\$0.39	1		\$398
	842	lambs	\$0.20	1		\$168
Lice control	2226	adults/hoggets	\$1.64	1		\$3,651
Fly control (long acting)	1020	adults/hoggets	\$2.34	1		\$2,387
Fly control (short acting)	842	weaners	\$0.50	1		\$421
Vaccination- 6 in 1	1020	adults/hoggets	\$0.38	1		\$388
	890	lambs	\$0.38	2		\$676
Mark	445	wether lambs	\$2.79	1		\$1,242
Mark (include OJD)	445	lambs	\$6.32	1		\$2,812
Scanning	1000	ewes	\$0.80	1		\$800
Livestock Selling Costs						
Livestock cartage	789	sale sheep	\$2.50			\$1,973
Commission on sheep sales			4.50%			\$5,925
Levies (Yard dues, MLA Transaction levy and LLS rates)						\$2,503
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
Ewe lambs	415	2.8 kg/hd/week	\$0.33 /kg	12 weeks		\$4,602
Wether lambs	421	5.0 kg/hd/week	\$0.33 /kg	14 weeks		\$9,725
Total feed		78,706 kg	@	\$330		\$25,973
Graz/fodder crop	0 ha	@	\$0 /ha			\$0
B. Total Variable Costs:					\$110,439	

	excl. fodder	incl. fodder
GROSS MARGIN (A-B)	\$125,681.66	\$99,708.68
GROSS MARGIN /EWE	\$125.68	\$99.71
GROSS MARGIN /DSE	\$47.43	\$37.63
GROSS MARGIN /HA	\$474.27	\$376.26

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ASSUMPTIONS MERINO EWES (20 mic) - Merino Rams, wether lambs finished

1. Flock Parameters			
Flock mortality	4%	Ram %	2%
Productive life	5 years	Marking %	89%
Ewe body weight	59 kg	Weaning %	86%
DSE rating /ewe	2.65	Weaning age	3 months
Stocking rate/ha	10 dse's		
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	\$25.06	\$27.23	\$29.39	\$31.55	\$33.72	
4.23 kg	\$27.03	\$30.28	\$33.52	\$36.77	\$40.01	
5.64 kg	\$28.97	\$33.30	\$37.63	\$41.95	\$46.28	
7.05 kg	\$30.94	\$36.35	\$41.76	\$47.17	\$52.58	
8.46 kg	\$32.88	\$39.37	\$45.86	\$52.35	\$58.84	
Ewe hoggets \$/Hd	Value of wether lambs \$/Hd					
	\$74.41	\$111.61	\$148.81	\$186.01	\$223.22	
\$110.50	\$18.89	\$24.53	\$30.18	\$35.82	\$41.47	
\$165.75	\$22.61	\$28.26	\$33.90	\$39.55	\$45.19	
\$221.00	\$26.34	\$31.98	\$37.63	\$43.27	\$48.91	
\$276.25	\$30.06	\$35.70	\$41.35	\$46.99	\$52.64	
\$331.50	\$33.78	\$39.43	\$45.07	\$50.72	\$56.36	
Wether Lmb \$/Hd	Weaning %					
	43%	65%	86%	108%	129%	
\$74.41	\$7.35	\$16.80	\$26.34	\$35.98	\$45.52	
\$111.61	\$10.18	\$21.03	\$31.98	\$43.04	\$53.99	
\$148.81	\$13.01	\$25.27	\$37.63	\$50.11	\$62.46	
\$186.01	\$15.84	\$29.51	\$43.27	\$57.17	\$70.94	
\$223.22	\$18.67	\$33.74	\$48.91	\$64.24	\$79.41	
Ewe Hogget \$/Hd	Weaning %					
	43%	65%	86%	108%	129%	
\$110.50	\$13.57	\$21.85	\$30.18	\$38.60	\$46.93	
\$165.75	\$13.29	\$23.56	\$33.90	\$44.35	\$54.70	
\$221.00	\$13.01	\$25.27	\$37.63	\$50.11	\$62.46	
\$276.25	\$12.73	\$26.98	\$41.35	\$55.86	\$70.23	
\$331.50	\$12.45	\$28.70	\$45.07	\$61.62	\$77.99	
Crutching \$/hd	Total shearing cost \$/hd					
	\$4.50	\$6.76	\$9.01	\$11.26	\$13.51	
\$0.88	\$41.99	\$40.11	\$38.24	\$36.36	\$34.49	
\$1.32	\$41.68	\$39.81	\$37.93	\$36.06	\$34.18	
\$1.76	\$41.37	\$39.50	\$37.63	\$35.75	\$33.88	
\$2.20	\$41.07	\$39.19	\$37.32	\$35.45	\$33.57	
\$2.64	\$40.76	\$38.89	\$37.01	\$35.14	\$33.27	
M. Weth. Lmb kg/hd/wk	Grain price \$/Tonne					
	\$165.00	\$247.50	\$330.00	\$412.50	\$495.00	
2.5 kg	\$43.44	\$41.45	\$39.46	\$37.47	\$35.48	
3.8 kg	\$42.99	\$40.76	\$38.54	\$36.32	\$34.10	
5.0 kg	\$42.53	\$40.08	\$37.63	\$35.18	\$32.73	
6.3 kg	\$42.07	\$39.39	\$36.71	\$34.03	\$31.35	
7.5 kg	\$41.61	\$38.70	\$35.79	\$32.88	\$29.97	

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