

MERINO EWES (20 mic) - Merino Rams, wether lambs finished
Farm Enterprise Budget Series - 2022 (ave.wool and sheep price 1 Apr to 30 Sep)

Flock size: 3774 ewes **Farm Size** 1000Ha
Ewe body weight: 59 kgs
DSE rating: 2.65 DSEs/ewe

INCOME

					Standard Budget (\$)	Your Budget (\$)
Wool	number	class	kg /hd	\$/kg		
Shear	3623	ewes	5.64	\$8.60	\$175,741	
	1526	ewe hoggets	5.64	\$9.69	\$83,403	
	75	rams	8.00	\$8.61	\$5,166	
	3180	lambs 4 months	1.18	\$4.37	\$16,337	
Crutch	3849	Adults	0.40	\$6.26	\$9,644	
	3180	lambs	0.30	\$6.26	\$5,976	
Sheep Sales	number	class	\$/hd			
	667	CFA ewes	\$152.66	(26.0 kg cwt)	\$101,827	
	15	CFA rams	\$165.40		\$2,481	
11 months	1590	wether lambs	\$148.81	(20.0 kg cwt)	\$236,608	
	708	ewe hoggets	\$221.00	(16 months)	\$156,468	
Fodder	tonnes	type	value per tonne			
Graz/fodder crop	0 t	0	\$0 /t		\$0	
A. Total Income:					\$793,651	

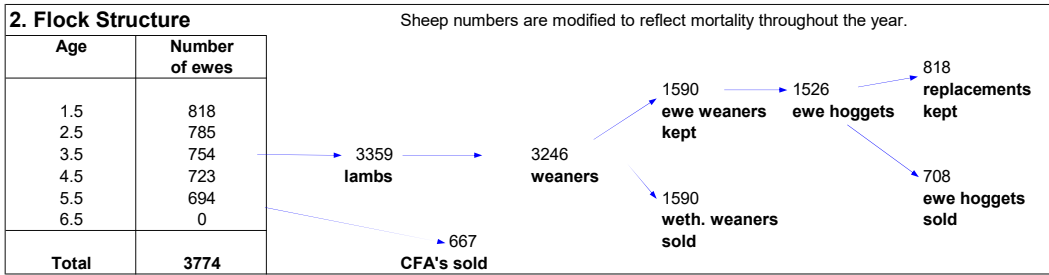
VARIABLE COSTS

Replacements	number	class	cost (\$)/hd	reps		
	15	rams	\$2,000.00		\$30,000	
cartage	15	rams	\$55.00		\$825	
Wool Harvesting & Selling Costs						
Shearing	8329	ewes/hogg/lmb	\$9.01	1	\$75,019	
	75	rams	\$12.48	1	\$936	
Crutching	6954	ewes/lambs	\$1.76	1	\$12,237	
	75	rams	\$3.02	1	\$227	
Wool tax			1.50%		\$4,444	
Commission, warehouse, testing charges			\$37.13/ bale		\$7,388	
Wool - cartage	199	bales	\$16.00		\$3,184	
- packs	199	packs	\$14.00		\$2,786	
Sheep Health	number	class				
Broadspectrum	3849	adults	\$1.59	2	\$12,240	
	3180	lambs	\$0.74	3	\$7,060	
Narrowspectrum	3849	adults	\$0.39	1	\$1,501	
	3180	lambs	\$0.20	1	\$636	
Lice control	8404	adults/hog/lmb	\$1.64	1	\$13,783	
Fly control (long acting)	3849	adults/hog/lmb	\$2.34	1	\$9,007	
Fly control (short acting)	3180	weaners	\$0.50	1	\$1,590	
Vaccination- 6 in 1	3849	adults/hog/lmb	\$0.38	1	\$1,463	
	3359	lambs	\$0.38	2	\$2,553	
Mark	1680	wether lambs	\$2.79	1	\$4,687	
Mark (include OJD)	1680	lambs	\$6.32	1	\$10,614	
Scanning	3774	ewes	\$0.80	1	\$3,019	
Livestock Selling Costs						
Livestock cartage	2,980	sale sheep	\$2.50		\$7,450	
Commission on sheep sales			4.50%		\$22,382	
Levies (Yard dues, MLA Transaction levy and LLS rates)					\$9,079	
Pasture maintenance	1000 ha	@	\$73 /ha		\$72,700	
Fodder						
			Supplementary feed @ \$330 /t			
Ewes/Hoggets	3849	3.5 kg/hd/week	\$0.33 /kg	10 weeks	\$43,948	
Ewe lambs	1584	2.8 kg/hd/week	\$0.33 /kg	12 weeks	\$17,563	
Wether lambs	1590	5.0 kg/hd/week	\$0.33 /kg	14 weeks	\$36,729	
Total feed		297,698 kg	@	\$330 /t	\$98,240	
Graz/fodder crop	0 ha	@	\$200 /ha		\$0	
B. Total Variable Costs:					\$415,048	

	excl. fodder	incl. fodder
GROSS MARGIN (A-B)	\$476,842.52	\$378,602.25
GROSS MARGIN /EWE	\$126.35	\$100.32
GROSS MARGIN /DSE	\$47.68	\$37.86
GROSS MARGIN /HA	\$476.79	\$378.56

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	\$25.25	\$27.41	\$29.58	\$31.74	\$33.90	
4.23 kg	\$27.23	\$30.47	\$33.72	\$36.96	\$40.21	
5.64 kg	\$29.20	\$33.53	\$37.86	\$42.18	\$46.51	
7.05 kg	\$31.17	\$36.58	\$41.99	\$47.40	\$52.81	
8.46 kg	\$33.15	\$39.64	\$46.13	\$52.62	\$59.11	
Ewe hoggets \$/Hd	Value of wether lambs \$/Hd					
	\$74.41	\$111.61	\$148.81	\$186.01	\$223.22	
\$110.50	\$19.09	\$24.74	\$30.39	\$36.03	\$41.68	
\$165.75	\$22.82	\$28.47	\$34.12	\$39.77	\$45.42	
\$221.00	\$26.56	\$32.21	\$37.86	\$43.50	\$49.15	
\$276.25	\$30.29	\$35.94	\$41.59	\$47.24	\$52.89	
\$331.50	\$34.03	\$39.68	\$45.33	\$50.97	\$56.62	
Wether Lmb \$/Hd	Weaning %					
	43%	65%	86%	108%	129%	
\$74.41	\$7.43	\$17.00	\$26.56	\$36.14	\$45.74	
\$111.61	\$10.25	\$21.24	\$32.21	\$43.20	\$54.22	
\$148.81	\$13.08	\$25.48	\$37.86	\$50.26	\$62.69	
\$186.01	\$15.90	\$29.72	\$43.50	\$57.32	\$71.17	
\$223.22	\$18.73	\$33.96	\$49.15	\$64.38	\$79.65	
Ewe Hogget \$/Hd	Weaning %					
	43%	65%	86%	108%	129%	
\$110.50	\$13.66	\$22.03	\$30.39	\$38.76	\$47.15	
\$165.75	\$13.37	\$23.75	\$34.12	\$44.51	\$54.92	
\$221.00	\$13.08	\$25.48	\$37.86	\$50.26	\$62.69	
\$276.25	\$12.79	\$27.21	\$41.59	\$56.01	\$70.47	
\$331.50	\$12.50	\$28.93	\$45.33	\$61.76	\$78.24	
Crutching \$/hd	Total shearing cost \$/hd					
	\$4.50	\$6.76	\$9.01	\$11.26	\$13.51	
\$0.88	\$42.22	\$40.34	\$38.47	\$36.59	\$34.72	
\$1.32	\$41.91	\$40.04	\$38.16	\$36.29	\$34.41	
\$1.76	\$41.61	\$39.73	\$37.86	\$35.98	\$34.11	
\$2.20	\$41.30	\$39.43	\$37.55	\$35.67	\$33.80	
\$2.64	\$40.99	\$39.12	\$37.24	\$35.37	\$33.49	
M. Weth. Lmb kg/hd/wk	Grain price \$/Tonne					
	\$165.00	\$247.50	\$330.00	\$412.50	\$495.00	
2.5 kg	\$43.69	\$41.69	\$39.69	\$37.70	\$35.70	
3.8 kg	\$43.23	\$41.00	\$38.77	\$36.55	\$34.32	
5.0 kg	\$42.77	\$40.31	\$37.86	\$35.40	\$32.94	
6.3 kg	\$42.31	\$39.62	\$36.94	\$34.25	\$31.57	
7.5 kg	\$41.85	\$38.93	\$36.02	\$33.11	\$30.19	

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.