

**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 (\$)
<b>Wool</b>	<b>number</b>	<b>class</b>	<b>kg /hd</b>	<b>\$/kg</b>		
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	
<b>Sheep Sales</b>	<b>number</b>	<b>class</b>	<b>\$/hd</b>			
	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	
<b>Fodder</b>	<b>tonnes</b>	<b>type</b>	<b>value per tonne</b>			
Graz/fodder crop	0 t	0	\$0 /t		\$0	
<b>A. Total Income:</b>					<b>\$210,148</b>	

**VARIABLE COSTS**

<b>Replacements</b>	<b>number</b>	<b>class</b>	<b>cost (\$)/hd</b>	<b>reps</b>		
	4	rams	\$2,000.00			\$8,000
cartage	4	rams	\$55.00			\$220
<b>Wool Harvesting &amp; Selling Costs</b>						
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
<b>Sheep Health</b>	<b>number</b>	<b>class</b>				
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
<b>Livestock Selling Costs</b>						
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
<b>Pasture maintenance</b>	265 ha	@	\$73 /ha			\$19,266
<b>Fodder</b>						
			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
<b>Total feed</b>		78,706 kg	@	\$330		<b>\$25,973</b>
Graz/fodder crop	0 ha	@	\$0 /ha			\$0
<b>B. Total Variable Costs:</b>					<b>\$110,439</b>	

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

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.

## 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			

2. Flock Structure		Sheep numbers are modified to reflect mortality throughout the year.			
<b>Age</b>	<b>Number of ewes</b>				
1.5	217				
2.5	208				
3.5	200				
4.5	192				
5.5	184				
6.5	0				
<b>Total</b>	<b>1000</b>				

890 lambs

860 weaners

421 ewe weaners kept

404 ewe hoggets

217 replacements kept

187 ewe hoggets sold

421 weth. weaners sold

177 CFA's sold

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%
<b>\$8.60</b>							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	

Sheep and wool prices thanks to MLA market reporting, AuctionsPlus and AWEX. Wool cuts based on wether trial data