

**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 (\$)
<b>Wool</b>	<b>number</b>	<b>class</b>	<b>kg /hd</b>	<b>\$/kg</b>		
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	
<b>Sheep Sales</b>	<b>number</b>	<b>class</b>	<b>\$/hd</b>			
	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	
<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>\$793,651</b>	

**VARIABLE COSTS**

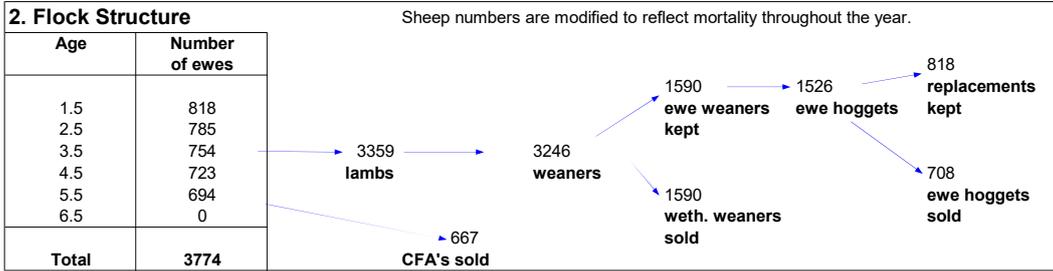
<b>Replacements</b>	<b>number</b>	<b>class</b>	<b>cost (\$)/hd</b>	<b>reps</b>		
	15	rams	\$2,000.00			\$30,000
cartage	15	rams	\$55.00			\$825
<b>Wool Harvesting &amp; Selling Costs</b>						
Shearing	8329	ewes/hogg/lmb	\$9.01	1		\$75,019
	75	rams	\$12.48	1		\$936
Crutching	6954	ewes/lambs	\$1.76	1		\$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
<b>Sheep Health</b>	<b>number</b>	<b>class</b>				
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
<b>Livestock Selling Costs</b>						
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
<b>Pasture maintenance</b>	1000 ha	@	\$73 /ha			\$72,700
<b>Fodder</b>						
			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
<b>Total feed</b>		297,698 kg	@	\$330 /t		<b>\$98,240</b>
Graz/fodder crop	0 ha	@	\$200 /ha			\$0
<b>B. Total Variable Costs:</b>						<b>\$415,048</b>

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

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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%
					<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	\$25.25	\$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	

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