

MERINO EWES (20 mic) - Merino Rams, wether lambs finished
Farm Enterprise Budget Series - 2024 (ave.wool and sheep price Apr to 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	\$8.10	\$165,523	
	1526	ewe hoggets	5.64	\$8.25	\$71,009	
	75	rams	8.00	\$8.12	\$4,872	
	3180	lambs 4 months	1.18	\$3.26	\$12,192	
Crutch	3849	Adults	0.40	\$5.30	\$8,156	
	3180	lambs	0.30	\$5.30	\$5,054	
Sheep Sales	number	class	\$ /hd			
	667	CFA ewes	\$91.38	(26.0 kg cwt)	\$60,950	
	15	CFA rams	\$57.02		\$855	
11 months	1590	wether lambs	\$122.40	(20.0 kg cwt)	\$194,616	
	708	ewe hoggets	\$136.00	(16 months)	\$96,288	
Fodder	tonnes	type	value per tonne			
Graz/fodder crop	0 t	0	\$0 /t		\$0	
A. Total Income:					\$619,514	

VARIABLE COSTS

Replacements	number	class	cost (\$)/hd	reps		
	17	rams	\$2,000.00		\$34,000	
cartage	17	rams	\$25.00		\$425	
Wool Harvesting & Selling Costs						
Shearing	8329	ewes/hogg/lmb	\$9.81	1	\$81,689	
	75	rams	\$13.62	1	\$1,022	
Crutching	6954	ewes/lambs	\$1.92	1	\$13,377	
	75	rams	\$3.31	1	\$248	
Wool tax			1.50%		\$4,002	
Commission, warehouse, testing charges			\$38.22/ bale		\$7,607	
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	\$0.47	1	\$1,809	
	3180	lambs	\$0.24	1	\$763	
Lice control	8404	adults/hog/lmb	\$1.62	1	\$13,614	
Fly control (long acting)	3849	adults/hog/lmb	\$2.39	1	\$9,199	
Fly control (short acting)	3180	weaners	\$0.46	1	\$1,463	
Vaccination- 6 in 1	3849	adults/hog/lmb	\$0.43	1	\$1,655	
	3359	lambs	\$0.43	2	\$2,889	
Mark	1680	wether lambs	\$3.03	1	\$5,090	
Mark (include OJD)	1680	lambs	\$6.30	1	\$10,581	
Scanning	3774	ewes	\$1.05	1	\$3,963	
Livestock Selling Costs						
Livestock cartage	2,980	sale sheep	\$1.66		\$4,947	
Commission on sheep sales			4.50%		\$15,872	
Levies (Yard dues, MLA Transaction levy and LLS rates)					\$9,642	
Pasture maintenance	1000 ha	@	\$52 /ha		\$52,000	
Fodder						
		Supplementary feed @ \$280 /t				
Ewes/Hoggets	3849	3.5 kg/hd/week	\$0.28 /kg	10 weeks	\$37,289	
Ewe lambs	1584	2.8 kg/hd/week	\$0.28 /kg	12 weeks	\$14,902	
Wether lambs	1590	5.0 kg/hd/week	\$0.28 /kg	14 weeks	\$31,164	
Total feed		297,698 kg	@	\$280 /t	\$83,355	
Graz/fodder crop	0 ha	@	\$200 /ha		\$0	
B. Total Variable Costs:					\$384,481	
					excl. fodder	incl. fodder
GROSS MARGIN (A-B)					\$318,388.39	\$235,033.01
GROSS MARGIN /EWE					\$84.36	\$62.28
GROSS MARGIN /DSE					\$31.84	\$23.50
GROSS MARGIN /HA					\$318.35	\$235.01

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 @ \$500t + \$7.00/ha application			

2. Flock Structure

Sheep numbers are modified to reflect mortality throughout the year.

Age	Number of ewes					
1.5	818					
2.5	785					
3.5	754					
4.5	723					
5.5	694					
6.5	0					
Total	3774					

3359 lambs → 3246 weaners → 1590 ewe weaners kept → 1526 ewe hoggets → 818 replacements kept
 667 CFA's sold → 1590 weth. weaners sold → 708 ewe hoggets 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.	\$13.30	65%	\$8.67	1%VMB, 90mm	75%
- Skirtings/bellies	19	MP5B.	\$12.86	56%	\$7.18	4.8%VMB, 80mm	20%
- Cardings	20	MZ2B.	\$6.05	52%	\$3.14	2.9%VMB.	5%
					\$8.10		used in budget

4. Sensitivity Tables - Changes in Gross Margin \$/DSE (includes fodder)

Wool Cut kg/hd	Adult Greasy Wool Price \$/Kg greasy				
	\$4.05	\$6.08	\$8.10	\$10.13	\$12.15
2.82 kg	\$11.66	\$13.69	\$15.73	\$17.77	\$19.81
4.23 kg	\$13.50	\$16.56	\$19.62	\$22.67	\$25.73
5.64 kg	\$15.35	\$19.43	\$23.50	\$27.58	\$31.65
7.05 kg	\$17.19	\$22.28	\$27.38	\$32.47	\$37.57
8.46 kg	\$19.04	\$25.15	\$31.26	\$37.38	\$43.49

Ewe hoggets \$/Hd	Value of wether lambs \$/Hd				
	\$61.20	\$91.80	\$122.40	\$153.00	\$183.60
\$68.00	\$9.61	\$14.26	\$18.90	\$23.55	\$28.20
\$102.00	\$11.91	\$16.56	\$21.20	\$25.85	\$30.49
\$136.00	\$14.21	\$18.85	\$23.50	\$28.15	\$32.79
\$170.00	\$16.51	\$21.15	\$25.80	\$30.45	\$35.09
\$204.00	\$18.81	\$23.45	\$28.10	\$32.74	\$37.39

Wether Lmb \$/Hd	Weaning %				
	43%	65%	86%	108%	129%
\$61.20	\$2.84	\$8.53	\$14.21	\$19.90	\$25.61
\$91.80	\$5.17	\$12.02	\$18.85	\$25.71	\$32.58
\$122.40	\$7.49	\$15.50	\$23.50	\$31.52	\$39.55
\$153.00	\$9.81	\$18.99	\$28.15	\$37.32	\$46.52
\$183.60	\$12.13	\$22.47	\$32.79	\$43.13	\$53.50

Ewe Hogget \$/Hd	Weaning %				
	43%	65%	86%	108%	129%
\$68.00	\$7.85	\$13.38	\$18.90	\$24.44	\$29.99
\$102.00	\$7.67	\$14.44	\$21.20	\$27.98	\$34.77
\$136.00	\$7.49	\$15.50	\$23.50	\$31.52	\$39.55
\$170.00	\$7.31	\$16.56	\$25.80	\$35.05	\$44.33
\$204.00	\$7.13	\$17.63	\$28.10	\$38.59	\$49.12

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

Crutching \$/hd	Total shearing cost \$/hd				
	\$4.90	\$7.36	\$9.81	\$12.26	\$14.71
\$0.96	\$28.25	\$26.21	\$24.17	\$22.13	\$20.09
\$1.44	\$27.92	\$25.88	\$23.84	\$21.79	\$19.75
\$1.92	\$27.58	\$25.54	\$23.50	\$21.46	\$19.42
\$2.40	\$27.25	\$25.21	\$23.17	\$21.12	\$19.08
\$2.89	\$26.92	\$24.87	\$22.83	\$20.79	\$18.75

M. Weth. Lmb kg/hd/wk	Grain price \$/Tonne				
	\$140.00	\$210.00	\$280.00	\$350.00	\$420.00
2.5 kg	\$28.45	\$26.75	\$25.06	\$23.36	\$21.67
3.8 kg	\$28.06	\$26.17	\$24.28	\$22.39	\$20.50
5.0 kg	\$27.67	\$25.58	\$23.50	\$21.42	\$19.33
6.3 kg	\$27.28	\$25.00	\$22.72	\$20.44	\$18.16
7.5 kg	\$26.89	\$24.42	\$21.94	\$19.47	\$17.00

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

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