

MERINO EWES (20 mic) - 75% Merino Rams, 25% to Terminal
Farm Enterprise Budget Series - Oct 2024 (ave. wool and sheep price Apr to Sep)

Flock size: 1000 ewes
Ewe body weight: 59 kgs
DSE rating: 2.63 DSEs/ewe

INCOME

					Standard Budget (\$)	Your Budget (\$)
Wool	number	class	kg /hd	\$/kg		
	955	ewes	5.64	\$8.10	\$43,631	
	305	ewe hoggets	5.64	\$8.25	\$14,193	
	20	rams	7.50	\$8.12	\$1,218	
	626	merino lambs	1.18	\$3.26	\$2,400	
	222	xb lamb	1.18	\$1.27	\$331	
Crutch	1020	adults	0.40	\$5.30	\$2,161	
	626	merino lambs	0.30	\$5.30	\$995	
	212	xb lambs	0.25	\$2.03	\$108	
Sheep Sales	number	class	\$ /hd			
	174	CFA ewes	\$91.38	(26.0 kg cwt)	\$15,900	
	4	CFA rams	\$57.02		\$228	
	11 months 319	M. weth lambs	\$122.40	(20.0 kg cwt)	\$39,046	
	86	M. ewe hoggets	\$136.00	(16 months)	\$11,696	
	10 months 106	mixed sex lambs	\$150.40	(20.0 kg cwt)	\$15,942	
	11 months 106	mixed sex lambs	\$165.22	(22.0 kg cwt)	\$17,513	
Fodder	tonnes	type	value per tonne			
	Graz/fodder crop 0 t	0	\$0 /t		\$0	

A. Total Income:
\$165,362
VARIABLE COSTS

Replacements	number	class	cost (\$)/hd	reps		
	4	rams	\$2,000.00		\$8,000	
	1	rams	\$2,000.00		\$2,000	
cartage	5	rams	\$55.00		\$275	
Wool Harvesting & Selling Costs						
Shearing	2108	ewes/hogg/lmb	\$9.81	1	\$20,675	
	20	rams	\$13.62	1	\$272	
Crutching	1838	ewes/hogg/lmb	\$1.92	1	\$3,536	
	20	rams	\$3.31	1	\$66	
Wool tax			1.50%		\$976	
Commission, warehouse, testing charges			\$45.62/ bale		\$2,235	
Wool - cartage	49	bales	\$16.00		\$784	
- packs	49	packs	\$14.00		\$686	
Sheep Health	number	class				
	1020	adults/hoggets	\$1.59	2	\$3,244	
	900	lambs	\$0.74	3	\$1,998	
	1020	adults/hoggets	\$0.47	1	\$479	
	900	lambs	\$0.24	1	\$216	
	2128	adults/hoggets	\$1.62	1	\$3,447	
	1020	adults/hoggets	\$2.39	1	\$2,438	
	838	weaners	\$0.46	1	\$385	
	1020	adults/hoggets	\$0.43	1	\$439	
	900	lambs	\$0.43	2	\$774	
	563	terminal lambs	\$3.03	1	\$1,704	
	338	lambs	\$6.30	1	\$2,126	
	1000	ewes	\$1.05	1	\$1,050	
Livestock Selling Costs						
Livestock cartage	795	sale sheep	\$1.66		\$1,320	
Commission on sheep sales			4.50%		\$4,515	
Levies (Yard dues, MLA Transaction levy and LLS rates)					\$2,836	
Pasture maintenance	265 ha	@	\$52 /ha		\$13,780	
Fodder						
		Supplementary feed @ \$280 /t				
Ewes/Hoggets	1020	3.5 kg/hd/week	\$0.28 /kg	10 weeks	\$9,882	
Merino ewe lambs	313	2.8 kg/hd/week	\$0.28 /kg	12 weeks	\$2,945	
Merino weth. and 1st X lambs	531	5.0 kg/hd/week	\$0.28 /kg	12 weeks	\$8,921	
	Total feed	77,669 kg	@	\$280.00	\$21,747	
Graz/fodder crop	0 ha	@	\$0 /ha		\$0	

B. Total Variable Costs:
\$102,003

GROSS MARGIN (A-B)
GROSS MARGIN /EWE
GROSS MARGIN /DSE
GROSS MARGIN /HA

excl. fodder
\$85,106.10
\$85.11
\$32.36
\$323.60

incl. fodder
\$63,358.84
\$63.36
\$24.09
\$240.91

ASSUMPTIONS MERINO EWES (20 mic) - 75% Merino Rams, 25% to Terminal

1. Flock Parameters

Flock mortality	5%	Ram %	2%
Productive life	5 years	Marking %	90%
Ewe body weight	59	Weaning %	87%
DSE rating /ewe	2.63	Weaning age	3 months
Stocking rate/ha	10 dse's	Ewe % joined to terminal ram	25%
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	219					
2.5	209					
3.5	200					
4.5	191					
5.5	182					
6.5	0					
Total	1000					

900 lambs	→	870 weaners	→	319 ewe weaners	→	305 Merino hoggets	→	219 replacements
								86 hoggets sold
								532 mixed sex sold
								174 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.	\$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	\$12.27	\$14.31	\$16.35	\$18.39	\$20.44
4.23 kg	\$14.08	\$17.14	\$20.21	\$23.27	\$26.33
5.64 kg	\$15.92	\$20.01	\$24.09	\$28.18	\$32.26
7.05 kg	\$17.73	\$22.84	\$27.95	\$33.05	\$38.16
8.46 kg	\$19.57	\$25.70	\$31.83	\$37.96	\$44.09

Ewe hoggets \$/Hd	Value of wether lambs \$/Hd				
	\$61.20	\$91.80	\$122.40	\$153.00	\$183.60
\$68.00	\$14.88	\$18.42	\$21.97	\$25.51	\$29.06
\$102.00	\$15.94	\$19.48	\$23.03	\$26.57	\$30.12
\$136.00	\$17.00	\$20.55	\$24.09	\$27.64	\$31.18
\$170.00	\$18.06	\$21.61	\$25.15	\$28.70	\$32.24
\$204.00	\$19.13	\$22.67	\$26.21	\$29.76	\$33.30

Domestic Lmb \$/Hd	Weaning %				
	44%	65%	87%	109%	131%
\$75.20	\$5.40	\$13.29	\$21.20	\$29.08	\$36.82
\$112.80	\$6.12	\$14.38	\$22.64	\$30.90	\$38.99
\$150.40	\$6.85	\$15.47	\$24.09	\$32.72	\$41.16
\$188.00	\$7.57	\$16.56	\$25.54	\$34.53	\$43.33
\$225.60	\$8.29	\$17.66	\$26.99	\$36.35	\$45.50

Export Lmb \$/Hd	Weaning %				
	44%	65%	87%	109%	131%
\$82.61	\$5.26	\$13.07	\$20.91	\$28.73	\$36.39
\$123.92	\$6.05	\$14.27	\$22.50	\$30.72	\$38.77
\$165.22	\$6.85	\$15.47	\$24.09	\$32.72	\$41.16
\$206.53	\$7.64	\$16.67	\$25.68	\$34.71	\$43.54
\$247.83	\$8.44	\$17.87	\$27.27	\$36.71	\$45.93

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	\$28.69	\$26.73	\$24.76	\$22.80	\$20.83
\$1.44	\$28.36	\$26.39	\$24.43	\$22.46	\$20.50
\$1.92	\$28.02	\$26.06	\$24.09	\$22.13	\$20.16
\$2.40	\$27.69	\$25.72	\$23.75	\$21.79	\$19.82
\$2.89	\$27.35	\$25.38	\$23.42	\$21.45	\$19.49

M. Weth. & 1st X kg/hd/wk	Grain price \$/Tonne				
	\$140.00	\$210.00	\$280.00	\$350.00	\$420.00
2.5 kg	\$29.07	\$27.43	\$25.79	\$24.14	\$22.50
3.8 kg	\$28.65	\$26.79	\$24.94	\$23.08	\$21.23
5.0 kg	\$28.23	\$26.16	\$24.09	\$22.02	\$19.96
6.3 kg	\$27.80	\$25.52	\$23.24	\$20.96	\$18.68
7.5 kg	\$27.38	\$24.89	\$22.39	\$19.90	\$17.41

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