

MERINO EWES (20 mic) - Merino Rams, wether lambs finished
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: 2.65 DSEs/ewe

INCOME

					Standard Budget (\$)	Your Budget (\$)
Wool	number	class	kg /hd	\$/kg		
Shear	960	ewes	5.64	\$8.10	\$43,859	
	404	ewe hoggets	5.64	\$8.25	\$18,799	
	20	rams	8.00	\$8.12	\$1,299	
	842	lambs 4 months	1.18	\$3.26	\$3,228	
Crutch	1020	Adults	0.40	\$5.30	\$2,161	
	842	lambs	0.30	\$5.30	\$1,338	
Sheep Sales	number	class	\$ /hd			
	177	CFA ewes	\$91.38	(26.0 kg cwt)	\$16,174	
	4	CFA rams	\$57.02		\$228	
11 months	421	wether lambs	\$122.40	(20.0 kg cwt)	\$51,530	
	187	ewe hoggets	\$136.00	(16 months)	\$25,432	
Fodder	tonnes	type	value per tonne			
Graz/fodder crop	0 t	0	\$0 /t		\$0	
A. Total Income:					\$164,050	

VARIABLE COSTS

Replacements	number	class	cost (\$)/hd	reps		
	5	rams	\$2,000.00		\$10,000	
cartage	5	rams	\$55.00		\$275	
Wool Harvesting & Selling Costs						
Shearing	2206	ewes/hogg/lmb	\$9.81	1	\$21,636	
	20	rams	\$13.62	1	\$272	
Crutching	1842	ewes/lambs	\$1.92	1	\$3,543	
	20	rams	\$3.31	1	\$66	
Wool tax			1.50%		\$1,060	
Commission, warehouse, testing charges			\$45.62/ bale		\$2,418	
Wool - cartage	53	bales	\$16.00		\$848	
- packs	53	packs	\$14.00		\$742	
Sheep Health	number	class				
Broadspectrum	1020	adults/hoggets	\$1.59	2	\$3,244	
	842	lambs	\$0.74	3	\$1,869	
Narrowspectrum	1020	adults/hoggets	\$0.47	1	\$479	
	842	lambs	\$0.24	1	\$202	
Lice control	2226	adults/hoggets	\$1.62	1	\$3,606	
Fly control (long acting)	1020	adults/hoggets	\$2.39	1	\$2,438	
Fly control (short acting)	842	weaners	\$0.46	1	\$387	
Vaccination- 6 in 1	1020	adults/hoggets	\$0.43	1	\$439	
	890	lambs	\$0.43	2	\$765	
Mark	445	wether lambs	\$3.03	1	\$1,348	
Mark (include OJD)	445	lambs	\$6.30	1	\$2,803	
Scanning	1000	ewes	\$1.05	1	\$1,050	
Livestock Selling Costs						
Livestock cartage	789	sale sheep	\$1.66		\$1,310	
Commission on sheep sales			4.50%		\$4,201	
Levies (Yard dues, MLA Transaction levy and LLS rates)					\$2,655	
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	
Ewe lambs	415	2.8 kg/hd/week	\$0.28 /kg	12 weeks	\$3,904	
Wether lambs	421	5.0 kg/hd/week	\$0.28 /kg	14 weeks	\$8,252	
Total feed		78,706 kg	@	\$280	\$22,038	
Graz/fodder crop	0 ha	@	\$0 /ha		\$0	
B. Total Variable Costs:					\$103,475	

	excl. fodder	incl. fodder
GROSS MARGIN (A-B)	\$82,612.24	\$60,574.56
GROSS MARGIN /EWE	\$82.61	\$60.57
GROSS MARGIN /DSE	\$31.17	\$22.86
GROSS MARGIN /HA	\$311.74	\$228.58

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.

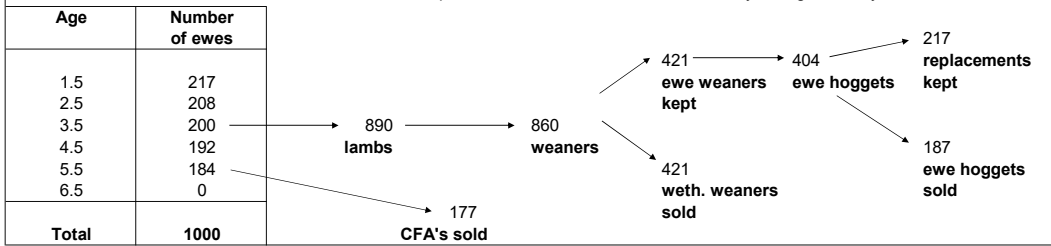
ASSUMPTIONS MERINO EWES (20 mic) - Merino Rams, wether lambs finished

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.



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	\$11.06	\$13.10	\$15.14	\$17.17	\$19.21
4.23 kg	\$12.90	\$15.95	\$19.01	\$22.07	\$25.12
5.64 kg	\$14.71	\$18.78	\$22.86	\$26.93	\$31.01
7.05 kg	\$16.55	\$21.64	\$26.73	\$31.83	\$36.92
8.46 kg	\$18.35	\$24.47	\$30.58	\$36.69	\$42.81

Ewe hoggets \$/Hd	Value of wether lambs \$/Hd				
	\$61.20	\$91.80	\$122.40	\$153.00	\$183.60
\$68.00	\$8.99	\$13.63	\$18.28	\$22.92	\$27.56
\$102.00	\$11.28	\$15.92	\$20.57	\$25.21	\$29.85
\$136.00	\$13.57	\$18.22	\$22.86	\$27.50	\$32.14
\$170.00	\$15.86	\$20.51	\$25.15	\$29.79	\$34.43
\$204.00	\$18.16	\$22.80	\$27.44	\$32.08	\$36.73

Wether Lmb \$/Hd	Weaning %				
	43%	65%	86%	108%	129%
\$61.20	\$2.31	\$7.91	\$13.57	\$19.30	\$24.96
\$91.80	\$4.64	\$11.40	\$18.22	\$25.11	\$31.93
\$122.40	\$6.97	\$14.88	\$22.86	\$30.92	\$38.90
\$153.00	\$9.29	\$18.37	\$27.50	\$36.73	\$45.87
\$183.60	\$11.62	\$21.85	\$32.14	\$42.54	\$52.83

Ewe Hogget \$/Hd	Weaning %				
	43%	65%	86%	108%	129%
\$68.00	\$7.31	\$12.77	\$18.28	\$23.84	\$29.34
\$102.00	\$7.14	\$13.83	\$20.57	\$27.38	\$34.12
\$136.00	\$6.97	\$14.88	\$22.86	\$30.92	\$38.90
\$170.00	\$6.79	\$15.94	\$25.15	\$34.46	\$43.67
\$204.00	\$6.62	\$16.99	\$27.44	\$38.00	\$48.45

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	\$27.61	\$25.57	\$23.53	\$21.49	\$19.44
\$1.44	\$27.27	\$25.23	\$23.19	\$21.15	\$19.11
\$1.92	\$26.94	\$24.90	\$22.86	\$20.82	\$18.78
\$2.40	\$26.61	\$24.57	\$22.52	\$20.48	\$18.44
\$2.89	\$26.27	\$24.23	\$22.19	\$20.15	\$18.11

M. Weth. Lmb kg/hd/wk	Grain price \$/Tonne				
	\$140.00	\$210.00	\$280.00	\$350.00	\$420.00
2.5 kg	\$27.79	\$26.11	\$24.42	\$22.73	\$21.04
3.8 kg	\$27.41	\$25.52	\$23.64	\$21.75	\$19.87
5.0 kg	\$27.02	\$24.94	\$22.86	\$20.78	\$18.70
6.3 kg	\$26.63	\$24.35	\$22.08	\$19.81	\$17.53
7.5 kg	\$26.24	\$23.77	\$21.30	\$18.83	\$16.36

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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