

MERINO EWES (20 micron) - Maternal Meat Rams
Farm Enterprise Budget Series - 2024 (ave.wool and sheep price Apr to Sep)

Flock size: 3610 ewes **Farm Size** 1000Ha
Ewe body weight: 59 kgs
DSE rating: 2.77 DSEs/ewe

INCOME

Wool	number	class	kg /hd	\$/kg
Shear	3430	ewes	5.16	\$8.10
	72	rams	4.50	\$2.13
	1588	ewe lambs	1.13	\$3.42
	1548	ewe hoggets	4.50	\$3.42
Crutch	3682	adults	0.40	\$5.30
	3176	lambs	0.25	\$2.03

Sheep Sales	number	class	\$ /hd	
	617	CFA ewes	\$91.38	(26.0 kg cwt)
	14	CFA rams	\$57.02	
8 months	1588	weth lambs	\$129.40	(20.0 kg cwt)
	1548	ewe Hoggets	\$189.00	(16 months)

Fodder	tonnes	type	value per tonne
Graz/fodder crop	0 t	0	\$0 /t

A. Total Income:

VARIABLE COSTS

Replacements	number	class	cost (\$)/hd	reps
	\$15.00	rams	\$2,000.00	
	798	ewes (1.5 years)	\$136.00	
Cartage	798	ewes (1.5 years)	\$1.66	
Cartage	15	rams	\$25.00	

Wool Harvesting & Selling Costs

Shearing	5050	adults/hoggets	\$9.81	1
	72	rams	\$13.62	1
	1588	ewe lambs	\$9.81	1
Crutching	6786	ewe/lambs	\$1.92	1
	72	rams	\$3.31	1

Wool tax			1.50%	
Commission, warehouse, testing charges			\$38.22/ bale	
Wool - cartage	161	bales	\$16.00	
- packs	161	packs	\$14.00	

Sheep Health

	number	class		
Broadspectrum	3682	adults	\$1.59	2
	3176	lambs	\$0.74	3
Narrowspectrum	3682	adults	\$0.47	1
	3176	lambs	\$0.24	1
Lice control	5050	adults	\$1.62	1
	1588	ewe lambs	\$1.21	1
Fly control (long acting)	3682	adults	\$2.39	1
Fly control (short acting)	3176	weaners	\$0.46	1
Vaccination- 6 in 1	3682	adults	\$0.43	1
	3357	lambs	\$0.43	2
Mark	1678.5	wether lambs	\$3.03	1
Mark/OJD vaccine	1678.5	ewe lambs	\$6.30	1
Scanning	3610	ewes	\$1.05	1

Livestock Selling Costs

Livestock cartage	3,767	sale sheep	\$1.66
Commission on sheep sales			4.50%
Levies (Yard dues, MLA Transaction levy and LLS rates)			

Pasture maintenance 1000 ha @ \$52 /ha

Fodder

		Supplementary feed @ \$280 /t		
Ewe /hoggets/rams	3502	3.46 kg/hd/week	\$0.28 /kg	10 weeks
Ewe lambs	1588	2.8 kg/hd/week	\$0.28 /kg	12 weeks
Wether lambs	1588	5.0 kg/hd/week	\$0.28 /kg	10 weeks
Total feed		253,926 kg	@	\$280

Graz/fodder crop 0 ha @ \$200 /ha

B. Total Variable Costs:

	excl. fodder
GROSS MARGIN (A-B)	\$343,176.81
GROSS MARGIN /EWE	\$95.06
GROSS MARGIN /DSE	\$34.32
GROSS MARGIN /HA	\$343.19

Standard Budget (\$)	Your Budget (\$)
\$143,225	
\$690	
\$6,110	
\$23,824	
\$7,802	
\$1,614	
\$56,381	
\$798	
\$205,487	
\$292,572	
\$0	
\$738,504	
\$30,000	
\$108,528	
\$1,325	
\$375	
\$49,530	
\$981	
\$15,575	
\$13,054	
\$239	
\$2,749	
\$6,154	
\$2,576	
\$2,254	
\$11,709	
\$7,051	
\$1,731	
\$762	
\$8,181	
\$1,921	
\$8,800	
\$1,461	
\$1,583	
\$2,887	
\$5,086	
\$10,571	
\$3,791	
\$6,253	
\$24,986	
\$13,216	
\$52,000	
\$33,927	
\$14,940	
\$22,232	
\$71,099	
\$0	
\$466,426	
incl. fodder	
\$272,077.53	
\$75.37	
\$27.21	
\$272.09	

ASSUMPTIONS MERINO EWES (20 micron) - Maternal Meat Rams

1. Flock Parameters

Flock mortality	5%	Ram %	2%
Productive life	5	Marking %	93%
Ewe body weight	59 kg	Weaning %	90%
DSE rating /ewe	2.77	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	798	798 replacements bought
2.5	758	
3.5	720	
4.5	684	3357 lambs
5.5	650	
6.5	0	
Total	3610	617 CFA's sold

3249 weaners

1588 ewe weaners kept

1548 ewe Hoggets sold

1588 weth. weaners 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
2.58 kg	\$16.96	\$18.73	\$20.49	\$22.25	\$24.02
3.87 kg	\$18.55	\$21.20	\$23.85	\$26.49	\$29.14
5.16 kg	\$20.15	\$23.68	\$27.21	\$30.74	\$34.26
6.44 kg	\$21.75	\$26.16	\$30.57	\$34.97	\$39.38
7.73 kg	\$23.35	\$28.64	\$33.93	\$39.22	\$44.51

Cast for age \$/head	Replacement ewe cost \$/Hd				
	\$68.00	\$102.00	\$136.00	\$170.00	\$204.00
\$45.69	\$29.94	\$27.23	\$24.52	\$21.80	\$19.09
\$68.53	\$31.29	\$28.58	\$25.86	\$23.15	\$20.44
\$91.38	\$32.64	\$29.92	\$27.21	\$24.50	\$21.78
\$114.22	\$33.98	\$31.27	\$28.55	\$25.84	\$23.13
\$137.07	\$35.33	\$32.61	\$29.90	\$27.19	\$24.47

1st X weth.lmb \$/Hd	Weaning %				
	45%	68%	90%	113%	135%
\$64.70	\$3.16	\$10.28	\$17.40	\$24.49	\$31.62
\$97.05	\$5.62	\$13.96	\$22.30	\$30.62	\$38.98
\$129.40	\$8.07	\$17.64	\$27.21	\$36.75	\$46.34
\$161.75	\$10.52	\$21.32	\$32.11	\$42.88	\$53.70
\$194.10	\$12.98	\$25.00	\$37.02	\$49.01	\$61.06

1st X weth.lmb \$/Hd	1st X ewe Hoggets \$/hd				
	\$94.50	\$141.75	\$189.00	\$236.25	\$283.50
\$64.70	\$3.43	\$10.41	\$17.40	\$24.38	\$31.37
\$97.05	\$8.33	\$15.32	\$22.30	\$29.29	\$36.27
\$129.40	\$13.24	\$20.22	\$27.21	\$34.19	\$41.18
\$161.75	\$18.14	\$25.13	\$32.11	\$39.10	\$46.09
\$194.10	\$23.05	\$30.04	\$37.02	\$44.01	\$50.99

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

Ewe lamb \$/hd	Adult shearing cost \$/hd				
	\$4.90	\$7.36	\$9.81	\$12.26	\$14.71
\$4.90	\$30.46	\$29.23	\$27.99	\$26.75	\$25.51
\$7.36	\$30.07	\$28.84	\$27.60	\$26.36	\$25.12
\$9.81	\$29.69	\$28.45	\$27.21	\$25.97	\$24.73
\$12.26	\$29.30	\$28.06	\$26.82	\$25.58	\$24.34
\$14.71	\$28.91	\$27.67	\$26.43	\$25.19	\$23.95

Feed Adult Ewes kg/hd/wk	Grain price \$/Tonne				
	\$140.00	\$210.00	\$280.00	\$350.00	\$420.00
1.7 kg	\$31.61	\$30.26	\$28.90	\$27.55	\$26.20
2.6 kg	\$31.19	\$29.62	\$28.06	\$26.49	\$24.93
3.5 kg	\$30.76	\$28.99	\$27.21	\$25.43	\$23.65
4.3 kg	\$30.34	\$28.35	\$26.36	\$24.37	\$22.38
5.2 kg	\$29.92	\$27.71	\$25.51	\$23.31	\$21.11

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

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.