

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

Flock size: 4310 ewes **Farm Size** 1000Ha
Ewe body weight: 59 kgs
DSE rating: 2.32 DSEs/ewe

INCOME

Wool	number	class	kg /hd	\$/kg
Shear	4138	ewes	5.64	\$8.10
	1743	ewe hoggets	5.64	\$8.25
	86	rams	7.50	\$8.12
	1780	ewe lambs	1.18	\$3.26
Crutch	4396	adults	0.40	\$5.30
	1780	lambs	0.30	\$5.30

Sheep Sales	number	class	\$ /hd	
	761	CFA ewes	\$91.38	(26.0 kg cwt)
	17	CFA rams	\$57.02	
	1853	weth weaners	\$63.00	(4 months)
	809	ewe hoggets	\$136.00	(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
	19	rams	\$2,000.00	
cartage	19	rams	\$25.00	

Wool Harvesting & Selling Costs

Shearing	7661	ewes/hogg/lmb	\$9.81	1
	86	rams	\$13.62	1
Crutching	6090	ewes/lamb	\$1.92	1
	86	rams	\$3.31	1
Wool tax			1.50%	
Commission, warehouse, testing charges			\$38.22/ bale	
Wool - cartage	212	bales	\$16.00	
- packs	212	packs	\$14.00	

Sheep Health

number	class		
Broadspectrum	4396	adults/hoggets	\$1.59
	1816	ewe lambs	\$0.74
	1853	wether lambs	\$0.74
Narrowspectrum	4396	adults/hoggets	\$0.47
	1816	ewe lambs	\$0.24
Lice control	7747	adults/Hog/wean	\$1.62
Fly control (long acting)	4396	Adults	\$2.39
Fly control (short acting)	1780	ewe weaners	\$0.46
Vaccination- 6 in 1	4396	Adults	\$0.43
	3836	lambs	\$0.43
Mark (includes OJD)	3836	lambs	\$6.30
Scanning	4310	ewes	\$1.05

Livestock Selling Costs

Livestock cartage	3,440	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
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Fodder

Ewes/hoggets	4396	3.5 kg/hd/week	\$0.28 /kg	10 weeks
Ewe lambs	1780	2.8 kg/hd/week	\$0.28 /kg	12 weeks
Wether lambs	1853	2.8 kg/hd/week	\$0.28 /kg	0 weeks
Total feed		211,910 kg	@	\$280
Graz/fodder crop	0 ha	@	\$200 /ha	

B. Total Variable Costs:

GROSS MARGIN (A-B)	excl. fodder	incl. fodder
GROSS MARGIN /EWE	\$286,060.67	\$226,725.99
GROSS MARGIN /DSE	\$66.37	\$52.60
GROSS MARGIN /HA	\$28.61	\$22.67
	\$286.08	\$226.74

ASSUMPTIONS MERINO EWES (20 micron) - Merino Rams

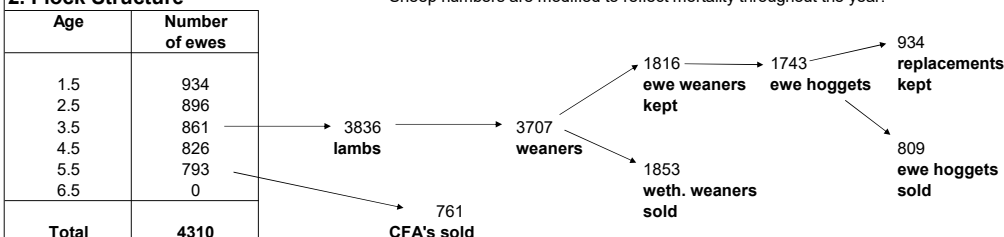
1. Flock Parameters

Flock mortality	4%	Ram %	2%
Productive life	5 years	Marking %	89%
Ewe body weight	59 kg	Weaning %	86%
DSE rating /ewe	2.32	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	\$9.15	\$11.48	\$13.81	\$16.13	\$18.46
4.23 kg	\$11.25	\$14.75	\$18.24	\$21.73	\$25.22
5.64 kg	\$13.36	\$18.02	\$22.67	\$27.33	\$31.99
7.05 kg	\$15.47	\$21.29	\$27.11	\$32.92	\$38.74
8.46 kg	\$17.58	\$24.56	\$31.54	\$38.53	\$45.51

Hog. Wool Cut kg/hd	Hogget Greasy Wool Price \$/Kg greasy				
	\$4.13	\$6.19	\$8.25	\$10.31	\$12.38
2.82 kg	\$16.87	\$17.87	\$18.86	\$19.86	\$20.86
4.23 kg	\$17.77	\$19.27	\$20.77	\$22.26	\$23.76
5.64 kg	\$18.68	\$20.68	\$22.67	\$24.67	\$26.67
7.05 kg	\$19.58	\$22.08	\$24.58	\$27.07	\$29.57
8.46 kg	\$20.49	\$23.48	\$26.48	\$29.47	\$32.47

Ewe hoggets \$/Hd	Value of wether weaners \$/Hd				
	\$31.50	\$47.25	\$63.00	\$78.75	\$94.50
\$68.00	\$11.85	\$14.63	\$17.42	\$20.21	\$23.00
\$102.00	\$14.47	\$17.26	\$20.05	\$22.83	\$25.62
\$136.00	\$17.10	\$19.89	\$22.67	\$25.46	\$28.25
\$170.00	\$19.73	\$22.51	\$25.30	\$28.09	\$30.88
\$204.00	\$22.35	\$25.14	\$27.93	\$30.72	\$33.50

CFA ewes \$/Hd	Weaning %				
	43%	65%	86%	108%	129%
\$45.69	\$3.55	\$11.46	\$19.35	\$27.26	\$35.17
\$68.53	\$5.21	\$13.12	\$21.01	\$28.92	\$36.83
\$91.38	\$6.88	\$14.78	\$22.67	\$30.58	\$38.49
\$114.22	\$8.54	\$16.44	\$24.33	\$32.24	\$40.15
\$137.07	\$10.20	\$18.10	\$26.00	\$33.90	\$41.81

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	\$27.02	\$25.14	\$23.26	\$21.38	\$19.50
\$1.44	\$26.72	\$24.85	\$22.97	\$21.09	\$19.21
\$1.92	\$26.43	\$24.55	\$22.67	\$20.80	\$18.92
\$2.40	\$26.14	\$24.26	\$22.38	\$20.50	\$18.62
\$2.89	\$25.85	\$23.97	\$22.09	\$20.21	\$18.33

Ewes/hoggets kg/hd/wk	Grain price \$/Tonne				
	\$140.00	\$210.00	\$280.00	\$350.00	\$420.00
1.7 kg	\$26.71	\$25.76	\$24.80	\$23.85	\$22.90
2.6 kg	\$26.17	\$24.96	\$23.74	\$22.52	\$21.30
3.5 kg	\$25.64	\$24.16	\$22.67	\$21.19	\$19.71
4.3 kg	\$25.11	\$23.36	\$21.61	\$19.86	\$18.11
5.2 kg	\$24.58	\$22.56	\$20.54	\$18.53	\$16.51

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