

MERINO EWES (20 micron) - Merino Rams

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: 2.32 DSEs/ewe

INCOME

Wool	number	class	kg /hd	\$/kg
Shear	960	ewes	5.64	\$8.10
	404	ewe hoggets	5.64	\$8.25
	20	rams	7.50	\$8.12
	413	ewe lambs	1.18	\$3.26
Crutch	1020	adults	0.40	\$5.30
	413	lambs	0.30	\$5.30

Sheep Sales	number	class	\$ /hd	
	177	CFA ewes	\$91.38	(26.0 kg cwt)
	4	CFA rams	\$57.02	
	430	weth weaners	\$63.00	(4 months)
	187	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
	5	rams	\$2,000.00	
cartage	5	rams	\$55.00	

Wool Harvesting & Selling Costs

Shearing	1777	ewes/hogg/lmb	\$9.81	1
	20	rams	\$13.62	1
Crutching	1413	ewes/lamb	\$1.92	1
	20	rams	\$3.31	1
Wool tax			1.50%	
Commission, warehouse, testing charges			\$45.62/ bale	
Wool - cartage	49	bales	\$16.00	
- packs	49	packs	\$14.00	

Sheep Health

number	class		
Broadspectrum	1020	adults/hoggets	\$1.59
	421	ewe lambs	\$0.74
	430	wether lambs	\$0.74
Narrowspectrum	1020	adults/hoggets	\$0.47
	421	ewe lambs	\$0.24
Lice control	1797	adults/Hog/wean	\$1.62
Fly control (long acting)	1020	Adults	\$2.39
Fly control (short acting)	413	ewe weaners	\$0.46
Vaccination- 6 in 1	1020	Adults	\$0.43
	890	lambs	\$0.43
Mark (includes OJD)	890	lambs	\$6.30
Scanning	1000	ewes	\$1.05

Livestock Selling Costs

Livestock cartage	798	sale sheep	\$1.66
Commission on sheep sales			4.50%
Levies (Yard dues, MLA Transaction levy and LLS rates)			

Pasture maintenance	232 ha	@	\$52 /ha
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Fodder

Ewes/hoggets	1020	3.5 kg/hd/week	\$0.28 /kg	10 weeks
Ewe lambs	413	2.8 kg/hd/week	\$0.28 /kg	12 weeks
Wether lambs	430	2.8 kg/hd/week	\$0.28 /kg	0 weeks
Total feed		49,169 kg	@	\$280
Graz/fodder crop	0 ha	@	\$0 /ha	

B. Total Variable Costs:

	excl. fodder	incl. fodder
GROSS MARGIN (A-B)	\$64,508.52	\$50,741.26
GROSS MARGIN /EWE	\$64.51	\$50.74
GROSS MARGIN /DSE	\$27.81	\$21.87
GROSS MARGIN /HA	\$278.05	\$218.71

ASSUMPTIONS MERINO EWES (20 micron) - Merino Rams

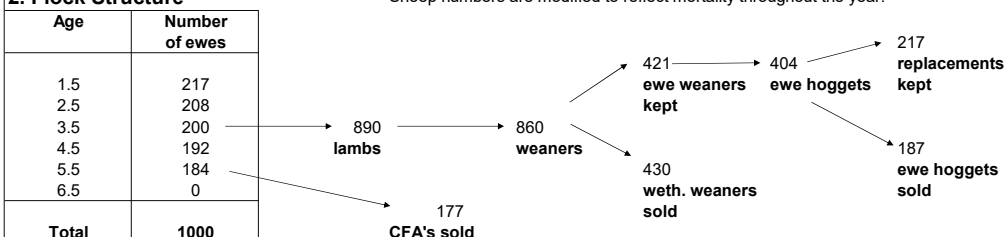
1. Flock Parameters

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	\$8.39	\$10.72	\$13.05	\$15.38	\$17.70
4.23 kg	\$10.46	\$13.95	\$17.44	\$20.94	\$24.43
5.64 kg	\$12.56	\$17.22	\$21.87	\$26.53	\$31.18
7.05 kg	\$14.63	\$20.45	\$26.27	\$32.08	\$37.90
8.46 kg	\$16.73	\$23.71	\$30.69	\$37.68	\$44.66

Hog. Wool Cut kg/hd	Hogget Greasy Wool Price \$/Kg greasy				
	\$4.13	\$6.19	\$8.25	\$10.31	\$12.38
2.82 kg	\$16.08	\$17.08	\$18.08	\$19.07	\$20.07
4.23 kg	\$16.98	\$18.48	\$19.97	\$21.47	\$22.97
5.64 kg	\$17.88	\$19.88	\$21.87	\$23.87	\$25.86
7.05 kg	\$18.78	\$21.27	\$23.77	\$26.26	\$28.76
8.46 kg	\$19.65	\$22.64	\$25.63	\$28.63	\$31.62

Ewe hoggets \$/Hd	Value of wether weaners \$/Hd				
	\$31.50	\$47.25	\$63.00	\$78.75	\$94.50
\$68.00	\$11.06	\$13.85	\$16.64	\$19.42	\$22.21
\$102.00	\$13.68	\$16.47	\$19.25	\$22.04	\$24.83
\$136.00	\$16.30	\$19.08	\$21.87	\$24.66	\$27.45
\$170.00	\$18.91	\$21.70	\$24.49	\$27.28	\$30.06
\$204.00	\$21.53	\$24.32	\$27.11	\$29.89	\$32.68

CFA ewes \$/Hd	Weaning %				
	43%	65%	86%	108%	129%
\$45.69	\$2.84	\$10.66	\$18.54	\$26.50	\$34.38
\$68.53	\$4.50	\$12.32	\$20.21	\$28.16	\$36.05
\$91.38	\$6.17	\$13.99	\$21.87	\$29.83	\$37.71
\$114.22	\$7.83	\$15.65	\$23.54	\$31.49	\$39.38
\$137.07	\$9.50	\$17.31	\$25.20	\$33.15	\$41.04

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	\$26.21	\$24.34	\$22.46	\$20.58	\$18.70
\$1.44	\$25.92	\$24.04	\$22.16	\$20.29	\$18.41
\$1.92	\$25.63	\$23.75	\$21.87	\$19.99	\$18.12
\$2.40	\$25.33	\$23.46	\$21.58	\$19.70	\$17.82
\$2.89	\$25.04	\$23.16	\$21.29	\$19.41	\$17.53

Ewes/hoggets kg/hd/wk	Grain price \$/Tonne				
	\$140.00	\$210.00	\$280.00	\$350.00	\$420.00
1.7 kg	\$25.90	\$24.95	\$24.00	\$23.05	\$22.10
2.6 kg	\$25.37	\$24.15	\$22.94	\$21.72	\$20.50
3.5 kg	\$24.84	\$23.35	\$21.87	\$20.39	\$18.90
4.3 kg	\$24.31	\$22.56	\$20.81	\$19.06	\$17.31
5.2 kg	\$23.77	\$21.76	\$19.74	\$17.73	\$15.71

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