

MERINO EWES (20 micron) - Merino Rams
Farm Enterprise Budget Series - 2022 (ave.wool and sheep price 1 Apr to 30 Sep)

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

INCOME

					Standard Budget (\$)	Your Budget (\$)
Wool	number	class	kg /hd	\$/kg		
Shear	4138	ewes	5.64	\$8.60	\$200,722	
	1743	ewe hoggets	5.64	\$9.69	\$95,263	
	86	rams	7.50	\$8.61	\$5,553	
	1780	ewe lambs	1.18	\$4.37	\$9,144	
Crutch	4396	adults	0.40	\$6.26	\$11,015	
	1780	lambs	0.30	\$6.26	\$3,345	
Sheep Sales	number	class	\$/hd			
	761	CFA ewes	\$152.66	(26.0 kg cwt)	\$116,178	
	17	CFA rams	\$165.40		\$2,812	
	1853	weth weaners	\$92.53	(4 months)	\$171,458	
	809	ewe hoggets	\$221.00	(16 months)	\$178,789	
Fodder	tonnes	type	value per tonne			
Graz/fodder crop	0 t	0	\$0 /t		\$0	
A. Total Income:					\$794,279	

VARIABLE COSTS

Replacements	number	class	cost (\$)/hd	reps		
	17	rams	\$2,000.00		\$34,000	
cartage	17	rams	\$55.00		\$935	
Wool Harvesting & Selling Costs						
Shearing	7661	ewes/hogg/lmb	\$9.01	1	\$69,002	
	86	rams	\$12.48	1	\$1,073	
Crutching	6090	ewes/lamb	\$1.76	1	\$10,716	
	86	rams	\$3.02	1	\$260	
Wool tax			1.50%		\$4,876	
Commission, warehouse, testing charges			\$37.13/ bale		\$7,871	
Wool - cartage	212	bales	\$16.00		\$3,392	
- packs	212	packs	\$14.00		\$2,968	
Sheep Health	number	class				
Broadspectrum	4396	adults/hoggets	\$1.59	2	\$13,979	
	1816	ewe lambs	\$0.74	3	\$4,032	
	1853	wether lambs	\$0.74	1	\$1,371	
Narrowspectrum	4396	adults/hoggets	\$0.39	1	\$1,714	
	1816	ewe lambs	\$0.20	1	\$363	
Lice control	7747	adults/Hog/wean	\$1.64	1	\$12,705	
Fly control (long acting)	4396	Adults	\$2.34	1	\$10,287	
Fly control (short acting)	1780	ewe weaners	\$0.50	1	\$890	
Vaccination- 6 in 1	4396	Adults	\$0.38	1	\$1,670	
	3836	lambs	\$0.38	2	\$2,915	
Mark (includes OJD)	3836	lambs	\$6.32	1	\$24,236	
Scanning	4310	ewes	\$0.80	1	\$3,448	
Livestock Selling Costs						
Livestock cartage	3,440	sale sheep	\$2.50		\$8,600	
Commission on sheep sales			4.50%		\$21,116	
Levies (Yard dues, MLA Transaction levy and LLS rates)					\$9,516	
Pasture maintenance	1000 ha	@	\$73 /ha		\$72,700	
Fodder						
Ewes/hoggets	4396	3.5 kg/hd/week	\$0.33 /kg	10 weeks	\$50,194	
Ewe lambs	1780	2.8 kg/hd/week	\$0.33 /kg	12 weeks	\$19,737	
Wether lambs	1853	2.8 kg/hd/week	\$0.33 /kg	0 weeks	\$0	
Total feed		211,910 kg	@	\$330	\$69,930	
Graz/fodder crop	0 ha	@	\$200 /ha		\$0	
B. Total Variable Costs:					\$394,566	

	excl. fodder	incl. fodder
GROSS MARGIN (A-B)	\$469,643.37	\$399,713.20
GROSS MARGIN /EWE	\$108.97	\$92.74
GROSS MARGIN /DSE	\$46.97	\$39.97
GROSS MARGIN /HA	\$469.68	\$399.75

ASSUMPTIONS MERINO EWES (20 micron) - Merino Rams

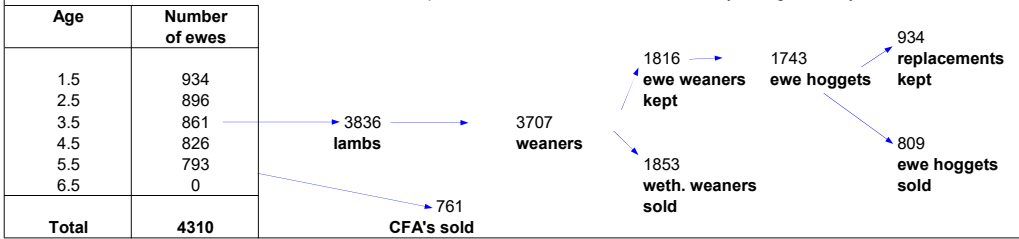
1. Flock Parameters

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 @ \$730t + \$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.	\$14.22	65%	\$9.27	1%VMB, 90mm	75%
- Skirtings/bellies	19	MP5B.	\$13.12	56%	\$7.32	4.8%VMB, 80mm	20%
- Cardings	20	MZ2B.	\$7.12	52%	\$3.69	2.9%VMB.	5%
					\$8.60		used in budget

4. Sensitivity Tables - Changes in Gross Margin \$/DSE (includes fodder)

Wool Cut kg/hd	Adult Greasy Wool Price \$/Kg greasy				
	\$4.30	\$6.45	\$8.60	\$10.75	\$12.90
2.82 kg	\$25.58	\$28.05	\$30.52	\$33.00	\$35.47
4.23 kg	\$27.83	\$31.54	\$35.25	\$38.95	\$42.66
5.64 kg	\$30.09	\$35.03	\$39.97	\$44.92	\$49.86
7.05 kg	\$32.34	\$38.52	\$44.70	\$50.88	\$57.05
8.46 kg	\$34.60	\$42.01	\$49.42	\$56.84	\$64.25

Hog. Wool Cut kg/hd	Hogget Greasy Wool Price \$/Kg greasy				
	\$4.85	\$7.27	\$9.69	\$12.11	\$14.54
2.82 kg	\$33.12	\$34.29	\$35.46	\$36.64	\$37.81
4.23 kg	\$34.20	\$35.96	\$37.72	\$39.48	\$41.23
5.64 kg	\$35.28	\$37.63	\$39.97	\$42.32	\$44.67
7.05 kg	\$36.36	\$39.29	\$42.23	\$45.16	\$48.09
8.46 kg	\$37.44	\$40.96	\$44.48	\$48.00	\$51.52

Ewe hoggets \$/Hd	Value of wether weaners \$/Hd				
	\$46.27	\$69.40	\$92.53	\$115.66	\$138.80
\$110.50	\$23.25	\$27.34	\$31.44	\$35.53	\$39.62
\$165.75	\$27.52	\$31.61	\$35.71	\$39.80	\$43.89
\$221.00	\$31.79	\$35.88	\$39.97	\$44.07	\$48.16
\$276.25	\$36.06	\$40.15	\$44.24	\$48.34	\$52.43
\$331.50	\$40.32	\$44.42	\$48.51	\$52.61	\$56.70

CFA ewes \$/Hd	Weaning %				
	43%	65%	86%	108%	129%
\$76.33	\$8.28	\$21.36	\$34.43	\$47.52	\$60.60
\$114.50	\$11.05	\$24.14	\$37.20	\$50.29	\$63.38
\$152.66	\$13.82	\$26.91	\$39.97	\$53.06	\$66.15
\$190.83	\$16.60	\$29.69	\$42.75	\$55.84	\$68.93
\$229.00	\$19.37	\$32.46	\$45.52	\$58.61	\$71.70

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

Crutching \$/hd	Total shearing cost \$/hd				
	\$4.50	\$6.76	\$9.01	\$11.26	\$13.51
\$0.88	\$43.96	\$42.24	\$40.51	\$38.79	\$37.06
\$1.32	\$43.69	\$41.97	\$40.24	\$38.52	\$36.79
\$1.76	\$43.42	\$41.70	\$39.97	\$38.25	\$36.52
\$2.20	\$43.16	\$41.43	\$39.71	\$37.98	\$36.26
\$2.64	\$42.89	\$41.16	\$39.44	\$37.71	\$35.99

Ewes/hoggets kg/hd/wk	Grain price \$/Tonne				
	\$165.00	\$247.50	\$330.00	\$412.50	\$495.00
1.7 kg	\$44.73	\$43.61	\$42.48	\$41.36	\$40.24
2.6 kg	\$44.10	\$42.66	\$41.23	\$39.79	\$38.36
3.5 kg	\$43.47	\$41.72	\$39.97	\$38.23	\$36.48
4.3 kg	\$42.84	\$40.78	\$38.72	\$36.66	\$34.60
5.2 kg	\$42.22	\$39.84	\$37.46	\$35.09	\$32.71

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