

MERINO WETHERS (18 micron)
Farm Enterprise Budget Series - 2022 (ave.wool and sheep price 1 Apr to 30 Sep)



Flock size: **9434 wethers** Farm Size **1000Ha**
Wether body weight: **53 kgs**
DSE rating: **1.06 DSEs/wether**

INCOME

Wool	number	class	kg /hd	\$/kg
Shear	9245	Adult wethers	5.49	\$13.27
	1648	wethers 4 months	1.14	\$5.84
Crutch	9340	wethers	0.40	\$6.26
Sheep Sales	number	class	\$/hd	
	1,489	CFA wethers	\$140.27	(23.3 kg cwt)
Fodder	tonnes	type	value per tonne	
Graz/fodder crop	0 t	0	\$0 /t	

Standard Budget	Your Budget
\$	\$
\$672,935	
\$10,992	
\$23,402	
\$208,866	
\$0	
A. Total Income:	\$916,195

VARIABLE COSTS

Replacements	number	class	cost (\$)/hd	
	1648	wethers	\$92.53	(4 months)
Cartage	1648	wethers	\$2.50	

Wool Harvesting & Selling Costs

				reps	
Shearing	10893	wethers	\$9.01	1	\$98,112
Crutching	9340	wethers	\$1.84	1	\$17,215
Wool tax			1.50%		\$10,610
Commission, warehouse, testing charges			\$37.13/ bale		\$11,620
Wool - cartage	313	bales	\$16.00		\$5,008
- packs	313	packs	\$14.00		\$4,382

Sheep Health

Broadspectrum	7784	wethers	\$1.44	2	\$22,418
	1648	weaners	\$0.74	2	\$2,439
Narrowspectrum	9434	wethers	\$0.39	1	\$3,679
Lice control	10893	wethers	\$1.64	1	\$17,865
Fly control (long acting)	9434	wethers	\$2.34	1	\$22,076
Vaccination- 6 in 1	9434	wethers	\$0.38	1	\$3,585

Livestock Selling Costs

Livestock cartage	1,489	CFA wethers	\$2.50		\$3,723
Commission on sheep sales			4.50%		\$9,399
Levies (Yard dues, MLA Transaction levy and LLS rates)					\$4,572

Pasture maintenance	1000 ha	@	\$73 /ha		\$72,700
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Fodder

			Supplementary feed @ \$330 /t		
Wether - Adult	7784	3.2 kg/hd/week	\$0.33 /kg	4 weeks	\$32,880
Wether weaners	1648	2.8 kg/hd/week	\$0.33 /kg	10 weeks	\$15,228
Total feed		145,779 kg	@	\$330	\$48,107
Graz/fodder crop	0 ha	@	\$200 /ha		\$0

B. Total Variable Costs:

	\$514,118
excl. fodder	
GROSS MARGIN (A-B)	\$450,183.78
GROSS MARGIN /WETHER	\$47.72
GROSS MARGIN /DSE	\$45.02
GROSS MARGIN /HA	\$450.18
incl. fodder	
GROSS MARGIN (A-B)	\$402,076.65
GROSS MARGIN /WETHER	\$42.62
GROSS MARGIN /DSE	\$40.21
GROSS MARGIN /HA	\$402.08

ASSUMPTIONS MERINO WETHERS (18 micron)

1. Flock Parameters

Cull age	6.5 years	Adult mortality	2%
Replacement age	4 months	Body weight	53 kg
Productive life	5 years	DSE rating	1.06
Stocking rate/ha	10 dse's		

Sheep and wool prices thanks to MLA market reporting, AuctionsPlus and AWEX. Wool cuts based on wether trial data
Pasture maintenance = 90kg/ha single super @ \$730t + \$7.00/ha application

2. Flock Structure

Sheep numbers are modified to reflect mortality throughout the year.

Age	No. of wethers
0.5	1648
1.5	1624
2.5	1584
3.5	1556
4.5	1528
5.5	1492
6.5	0
Total	9434

1648 replacements bought

1,489 CFA's sold

3. Wool Prices

Merino Wether	Micron	AWEX Type	Clean price	Yield	Greasy price	Specifications (all 35n/ktex)	Proportion of Clip
- Fleece GTM	18	MF4B.	\$20.81	68%	\$14.19	1%VMB, 90mm	80%
- Skirtings/bellies	17	MP5B.	\$19.49	58%	\$11.25	4.8%VMB, 80mm	15%
- Cardings	18	MZ2B.	\$8.75	53%	\$4.64	2.9%VMB.	5%
					\$13.27		used in budget

4. Sensitivity Table (incl. fodder costs)

Wool Cut kg/hd	Adult wether Greasy Wool Price				
	\$/Kg greasy				
	\$6.64	\$9.95	\$13.27	\$16.59	\$19.91
2.74 kg	-\$8.56	-\$0.27	\$8.01	\$16.30	\$24.58
4.11 kg	(\$0.75)	\$11.68	\$24.11	\$36.53	\$48.96
5.49 kg	\$7.07	\$23.64	\$40.21	\$56.78	\$73.35
6.86 kg	\$14.88	\$35.59	\$56.31	\$77.02	\$97.74
8.23 kg	\$22.69	\$47.55	\$72.40	\$97.26	\$122.12

Crutching \$/hd	Total shearing cost				
	\$/hd				
	\$4.50	\$6.76	\$9.01	\$11.26	\$13.51
\$0.92	\$45.97	\$43.52	\$41.07	\$38.62	\$36.16
\$1.38	\$45.54	\$43.09	\$40.64	\$38.19	\$35.73
\$1.84	\$45.11	\$42.66	\$40.21	\$37.75	\$35.30
\$2.30	\$44.68	\$42.23	\$39.78	\$37.32	\$34.87
\$2.76	\$44.25	\$41.80	\$39.35	\$36.89	\$34.44

CFA wethers \$/hd	Replacement wethers				
	\$/Hd				
	\$46.27	\$69.40	\$92.53	\$115.66	\$138.80
\$70.14	\$37.86	\$34.05	\$30.23	\$26.42	\$22.61
\$105.20	\$42.85	\$39.03	\$35.22	\$31.41	\$27.60
\$140.27	\$47.83	\$44.02	\$40.21	\$36.40	\$32.58
\$175.34	\$52.82	\$49.01	\$45.19	\$41.38	\$37.57
\$210.41	\$57.81	\$53.99	\$50.18	\$46.37	\$42.56

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

M.Weth. Wean. kg/Hd/wk	Feeding Adult Wethers kg/Hd/week				
	1.60 kg	2.40 kg	3.20 kg	4.00 kg	4.80 kg
1.4 kg	\$42.61	\$41.79	\$40.97	\$40.15	\$39.32
2.1 kg	\$42.23	\$41.41	\$40.59	\$39.77	\$38.94
2.8 kg	\$41.85	\$41.03	\$40.21	\$39.39	\$38.56
3.5 kg	\$41.47	\$40.65	\$39.83	\$39.00	\$38.18
4.2 kg	\$41.09	\$40.27	\$39.45	\$38.62	\$37.80

Adult Wethers kg/hd/wk	Grain price \$/Tonne				
	\$165.00	\$247.50	\$330.00	\$412.50	\$495.00
1.6 kg	\$43.43	\$42.64	\$41.85	\$41.06	\$40.27
2.4 kg	\$43.02	\$42.03	\$41.03	\$40.03	\$39.04
3.2 kg	\$42.61	\$41.41	\$40.21	\$39.00	\$37.80
4.0 kg	\$42.20	\$40.79	\$39.39	\$37.98	\$36.57
4.8 kg	\$41.79	\$40.18	\$38.56	\$36.95	\$35.34

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