

MERINO WETHERS (18 micron)

Farm Enterprise Budget Series - Oct 2024 (ave. wool and sheep price Apr to Sep)

Flock size: 1000 wethers
Wether body weight: 53 kgs
DSE rating: 1.06 DSEs/wether

INCOME

Wool	number	class	kg /hd	\$/kg
Shear	980	Adult wethers	5.49	\$9.63
	175	wethers 4 months	1.14	\$4.53
Crutch	990	wethers	0.40	\$5.30
Sheep Sales	number	class	\$ /hd	
	158	CFA wethers	\$85.82	(23.3 kg cwt)
Fodder	tonnes	type	value per tonne	
Graz/fodder crop	0 t	0	\$0 /t	

A. Total Income:

VARIABLE COSTS

Replacements	number	class	cost (\$)/hd	
	175	wethers	\$57.00	(4 months)
Cartage	175	wethers	\$1.66	

Wool Harvesting & Selling Costs

				reps
Shearing	1155	wethers	\$9.81	1
Crutching	990	wethers	\$2.02	1
Wool tax			1.50%	
Commission, warehouse, testing charges			\$45.62/ bale	
Wool - cartage	33	bales	\$16.00	
- packs	33	packs	\$14.00	

Sheep Health

Broadspectrum	825	wethers	\$1.44	2	\$2,376
	175	weaners	\$0.74	2	\$259
Narrowspectrum	1000	wethers	\$0.47	1	\$470
Lice control	1155	wethers	\$1.62	1	\$1,871
Fly control (long acting)	1000	wethers	\$2.39	1	\$2,390
Vaccination- 6 in 1	1000	wethers	\$0.43	1	\$430

Livestock Selling Costs

Livestock cartage	158	CFA wethers	\$1.66	\$262
Commission on sheep sales			4.50%	\$610
Levies (Yard dues, MLA Transaction levy and LLS rates)				\$637

Pasture maintenance	106 ha	@	\$52 /ha	\$5,512
----------------------------	--------	---	----------	---------

Fodder

		Supplementary feed @ \$280 /t			
Wether - Adult	825	3.2 kg/hd/week	\$0.28 /kg	4 weeks	\$2,957
Wether weaners	175	2.8 kg/hd/week	\$0.28 /kg	10 weeks	\$1,372
	Total feed	15,461 kg	@	\$280	\$4,329
Graz/fodder crop	0 ha	@	\$0 /ha		\$0

B. Total Variable Costs:

	excl. fodder	incl. fodder
GROSS MARGIN (A-B)	\$26,605.76	\$22,276.70
GROSS MARGIN /WETHER	\$26.61	\$22.28
GROSS MARGIN /DSE	\$25.10	\$21.02
GROSS MARGIN /HA	\$251.00	\$210.16

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.

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 @ \$500t + \$7.00/ha application

2. Flock Structure

Sheep numbers are modified to reflect mortality throughout the year.

Age	No. of wethers
0.5	175
1.5	172
2.5	168
3.5	165
4.5	162
5.5	158
6.5	0
Total	1000

175 replacements bought

158 CFA's sold

3. Wool Prices

	Micron	AWEX Type	Clean price	Yield	Greasy price	Specifications (all 35n/ktex)	Proportion of Clip
Merino Wether	18	MF4B.	\$14.88	68%	\$10.15	1%VMB, 90mm	80%
- Fleece GTM	17	MP5B.	\$15.17	58%	\$8.75	4.8%VMB, 80mm	15%
- Skirtings/bellies	18	MZ2B.	\$7.68	53%	\$4.07	2.9%VMB.	5%
- Cardings					\$9.63		

used in budget

4. Sensitivity Table (incl. fodder costs)

Wool Cut kg/hd	Adult wether Greasy Wool Price \$/Kg Greasy				
	\$4.82	\$7.22	\$9.63	\$12.04	\$14.45
\$2.74	-\$13.99	-\$7.98	-\$1.97	\$4.05	\$10.06
\$4.11	-\$8.55	\$0.47	\$9.49	\$18.51	\$27.53
\$5.49	-\$3.04	\$8.99	\$21.02	\$33.04	\$45.07
\$6.86	\$2.41	\$17.44	\$32.47	\$47.50	\$62.54
\$8.23	\$7.92	\$25.96	\$44.00	\$62.04	\$80.08

Crutching \$/hd	Total shearing Cost \$/hd				
	\$4.90	\$7.36	\$9.81	\$12.26	\$14.71
\$1.01	\$27.30	\$24.63	\$21.96	\$19.29	\$16.61
\$1.51	\$26.83	\$24.16	\$21.49	\$18.81	\$16.14
\$2.02	\$26.36	\$23.69	\$21.02	\$18.34	\$15.67
\$2.52	\$25.89	\$23.22	\$20.55	\$17.87	\$15.20
\$3.02	\$25.42	\$22.75	\$20.07	\$17.40	\$14.73

CFA wethers \$/hd	Replacement wethers \$/Hd				
	\$28.50	\$42.75	\$57.00	\$71.25	\$85.50
\$42.91	\$19.61	\$17.26	\$14.91	\$12.56	\$10.20
\$64.36	\$22.67	\$20.31	\$17.96	\$15.61	\$13.26
\$85.82	\$25.72	\$23.37	\$21.02	\$18.66	\$16.31
\$107.27	\$28.77	\$26.42	\$24.07	\$21.72	\$19.36
\$128.73	\$31.83	\$29.48	\$27.12	\$24.77	\$22.42

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	\$23.06	\$22.36	\$21.66	\$20.97	\$20.27
2.1 kg	\$22.73	\$22.04	\$21.34	\$20.64	\$19.94
2.8 kg	\$22.41	\$21.71	\$21.02	\$20.32	\$19.62
3.5 kg	\$22.09	\$21.39	\$20.69	\$19.99	\$19.30
4.2 kg	\$21.76	\$21.07	\$20.37	\$19.67	\$18.97

Adult Wethers kg/hd/wk	Grain price \$/Tonne				
	\$140.00	\$210.00	\$280.00	\$350.00	\$420.00
1.6 kg	\$23.76	\$23.08	\$22.41	\$21.74	\$21.07
2.4 kg	\$23.41	\$22.56	\$21.71	\$20.87	\$20.02
3.2 kg	\$23.06	\$22.04	\$21.02	\$19.99	\$18.97
4.0 kg	\$22.71	\$21.51	\$20.32	\$19.12	\$17.93
4.8 kg	\$22.36	\$20.99	\$19.62	\$18.25	\$16.88

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