

MERINO WETHERS (18 micron)
Farm Enterprise Budget Series - 2024 (ave.wool and sheep price Apr to Sep)



Department of
Primary Industries

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	\$9.63
	1648	wethers 4 months	1.14	\$4.53
Crutch	9340	wethers	0.40	\$5.30
Sheep Sales	number	class	\$ /hd	
	1,489	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	
	1648	wethers	\$57.00	(4 months)
Cartage	1648	wethers	\$1.66	

Wool Harvesting & Selling Costs

				reps	
Shearing	10893	wethers	\$9.81	1	\$106,837
Crutching	9340	wethers	\$2.02	1	\$18,825
Wool tax			1.50%		\$7,750
Commission, warehouse, testing charges			\$38.22/ bale		\$11,964
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	\$0.47	1	\$4,434
Lice control	10893	wethers	\$1.62	1	\$17,647
Fly control (long acting)	9434	wethers	\$2.39	1	\$22,547
Vaccination- 6 in 1	9434	wethers	\$0.43	1	\$4,057

Livestock Selling Costs

Livestock cartage	1,489	CFA wethers	\$1.66		\$2,472
Commission on sheep sales			4.50%		\$5,750
Levies (Yard dues, MLA Transaction levy and LLS rates)					\$4,841

Pasture maintenance	1000 ha	@	\$52 /ha		\$52,000
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Fodder

			Supplementary feed @ \$280 /t		
Wether - Adult	7784	3.2 kg/hd/week	\$0.28 /kg	4 weeks	\$27,898
Wether weaners	1648	2.8 kg/hd/week	\$0.28 /kg	10 weeks	\$12,920
Total feed		145,779 kg	@	\$280	\$40,818
Graz/fodder crop	0 ha	@	\$200 /ha		\$0

B. Total Variable Costs:

	excl. fodder	incl. fodder
GROSS MARGIN (A-B)	\$254,409.41	\$213,591.23
GROSS MARGIN /WETHER	\$26.97	\$22.64
GROSS MARGIN /DSE	\$25.44	\$21.36
GROSS MARGIN /HA	\$254.41	\$213.59

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	1648 ← 1648 replacements bought
1.5	1624
2.5	1584
3.5	1556
4.5	1528
5.5	1492 → 1,489 CFA's sold
6.5	0
Total	9434

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 kg	-\$13.76	-\$7.74	-\$1.73	\$4.28	\$10.30
4.11 kg	-\$8.23	\$0.79	\$9.81	\$18.83	\$27.85
5.49 kg	-\$2.69	\$9.33	\$21.36	\$33.38	\$45.41
6.86 kg	\$2.84	\$17.88	\$32.91	\$47.94	\$62.97
8.23 kg	\$8.37	\$26.41	\$44.45	\$62.49	\$80.52

Crutching \$/hd	Total shearing cost \$/hd				
	\$4.90	\$7.36	\$9.81	\$12.26	\$14.71
\$1.01	\$27.64	\$24.97	\$22.30	\$19.63	\$16.96
\$1.51	\$27.17	\$24.50	\$21.83	\$19.16	\$16.49
\$2.02	\$26.70	\$24.03	\$21.36	\$18.69	\$16.02
\$2.52	\$26.23	\$23.56	\$20.89	\$18.22	\$15.55
\$3.02	\$25.76	\$23.09	\$20.42	\$17.75	\$15.08

CFA wethers \$/hd	Replacement wethers \$/Hd				
	\$28.50	\$42.75	\$57.00	\$71.25	\$85.50
\$42.91	\$19.95	\$17.61	\$15.26	\$12.91	\$10.56
\$64.36	\$23.01	\$20.66	\$18.31	\$15.96	\$13.61
\$85.82	\$26.06	\$23.71	\$21.36	\$19.01	\$16.66
\$107.27	\$29.11	\$26.76	\$24.41	\$22.06	\$19.71
\$128.73	\$32.16	\$29.81	\$27.46	\$25.11	\$22.76

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	\$23.40	\$22.70	\$22.01	\$21.31	\$20.61
2.1 kg	\$23.08	\$22.38	\$21.68	\$20.98	\$20.29
2.8 kg	\$22.75	\$22.06	\$21.36	\$20.66	\$19.96
3.5 kg	\$22.43	\$21.73	\$21.04	\$20.34	\$19.64
4.2 kg	\$22.11	\$21.41	\$20.71	\$20.02	\$19.32

Adult Wethers kg/hd/wk	Grain price \$/Tonne				
	\$140.00	\$210.00	\$280.00	\$350.00	\$420.00
1.6 kg	\$24.10	\$23.43	\$22.75	\$22.08	\$21.41
2.4 kg	\$23.75	\$22.90	\$22.06	\$21.21	\$20.36
3.2 kg	\$23.40	\$22.38	\$21.36	\$20.34	\$19.32
4.0 kg	\$23.05	\$21.86	\$20.66	\$19.47	\$18.27
4.8 kg	\$22.70	\$21.33	\$19.96	\$18.59	\$17.23

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