

1st CROSS EWES - Terminal Meat Rams

Farm Enterprise Budget Series - Oct 2022 (ave. wool and sheep price 1 Apr to 30 Sep)

Flock size: 1000 ewes
Ewe body weight: 76 kgs
DSE rating: 2.99 DSEs/ewe

INCOME

					Standard Budget (\$)	Your Budget (\$)
Wool	number	class	kg /hd	\$/kg		
Shear	960	ewes	4.50	\$2.44	\$10,541	
	20	rams	3.50	\$2.09	\$146	
Crutch	1020	adults	0.30	\$2.40	\$736	
	1156	lambs	0.25	\$2.40	\$695	
Sheep Sales	number	class	\$/hd			
	177	CFA ewes	\$186.93	(33.4 kg cwt)	\$33,086	
	4	CFA rams	\$165.40		\$662	
8 months	578	mixed sex lambs	\$163.86	(21.0 kg cwt)	\$94,711	
9 months	578	mixed sex lambs	\$180.28	(23.0 kg cwt)	\$104,202	
Fodder	tonnes	type	value per tonne			
Graz/fodder crop	0 t	0	\$0 /t		\$0	
A. Total Income:					\$244,778	

VARIABLE COSTS

Replacements	number	class	cost (\$)/hd	reps		
	4	rams	\$1,200.00		\$4,800	
	217	ewes (1.5 years)	\$281.00		\$60,977	
Cartage	217	ewes (1.5 years)	\$2.50		\$543	
Cartage	4	rams	\$55.00		\$220	
Wool Harvesting & Selling Costs						
Shearing	960	ewes	\$9.01	1	\$8,647	
	20	rams	\$12.48	1	\$250	
Crutching	2156	ewes/lambs	\$1.38	1	\$2,984	
	20	rams	\$3.02	1	\$60	
Wool tax			1.50%		\$182	
Commission, warehouse, testing charges			\$44.10/ bale		\$1,235	
Wool - cartage	28	bales	\$16.00		\$448	
- packs	28	packs	\$14.00		\$392	
Sheep Health	number	class				
Broadspectrum	1020	adults	\$1.59	2	\$3,244	
	1210	lambs	\$0.74	3	\$2,686	
Narrowspectrum	1020	adults/hoggets	\$0.44	1	\$449	
	1156	lambs	\$0.20	1	\$231	
Lice control	980	adults	\$1.64	1	\$1,607	
Fly control (long acting)	1000	adults	\$2.34	1	\$2,340	
fly control (short acting)	1156	weaners	\$0.50	1	\$578	
Vaccination- 6 in 1	1020	adults	\$0.38	1	\$388	
	1210	lambs	\$0.38	2	\$920	
Marking	1210	lambs	\$2.79	1	\$3,376	
Scanning	1000	ewes	\$0.80	1	\$800	
Livestock Selling Costs						
Livestock cartage	1,337	sale sheep	\$2.50		\$3,343	
Commission on sheep sales			4.50%		\$10,470	
Levies (Yard dues, MLA Transaction levy and LLS rates)					\$4,424	
Pasture maintenance	299 ha	@	\$73 /ha		\$21,737	
Fodder						
			Supplementary feed @ \$330 /t			
Ewes	960	4.2 kg/hd/week	\$0.33 /kg	10 weeks	\$13,306	
Mixed sex lambs	1156	5.0 kg/hd/week	\$0.33 /kg	8 weeks	\$15,259	
	Total feed	86,560 kg	@	\$330	\$28,565	
Graz/fodder crop	0 ha	@	\$0 /ha		\$0	
B. Total Variable Costs:					\$165,893	
GROSS MARGIN (A-B)					excl. fodder	incl. fodder
					\$107,449.46	\$78,884.66
GROSS MARGIN /EWE					\$107.45	\$78.88
GROSS MARGIN /DSE					\$35.94	\$26.38
GROSS MARGIN /HA					\$359.36	\$263.83

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 1st CROSS EWES - Terminal Meat Rams

1. Flock Parameters			
Flock mortality	4%	Ram %	2%
Productive life	5 years	Marking %	121%
Ewe body weight	76 kg	Weaning %	118%
DSE rating /ewe	3.0	Selling age	6-8 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.	
Age	Number of ewes		
1.5	217		
2.5	208		
3.5	200		
4.5	192		
5.5	184		
6.5	0		
Total	1000		

3. Wool Prices							
1st Cross Ewe	Micron	AWEX Type	Clean price	Yield	Greasy price	Specifications (all 35n/ktex)	Proportion of Clip
- Fleece GTM	28	XF5B	\$3.89	71%	\$2.75	1%VMB, 90mm	75%
- Skirtings/bellies	26	XP5B.	\$2.85	55%	\$1.58	4.8%VMB, 80mm	20%
- Cardings	28	XZ2B.	\$2.19	61%	\$1.34	2.9%VMB.	5%
					\$2.44	used in budget	

4. Sensitivity Tables - Changes in Gross Margin \$/DSE (includes fodder)						
CFA ewes \$/hd	Replacement ewe cost \$/hd					
	\$140.50	\$210.75	\$281.00	\$351.25	\$421.50	
\$93.46	\$31.30	\$26.20	\$21.10	\$16.00	\$10.90	
\$140.19	\$33.94	\$28.84	\$23.74	\$18.64	\$13.54	
\$186.93	\$36.58	\$31.48	\$26.38	\$21.28	\$16.19	
\$233.66	\$39.22	\$34.12	\$29.02	\$23.93	\$18.83	
\$280.39	\$41.86	\$36.77	\$31.67	\$26.57	\$21.47	
Domestic Lmb \$/Hd	Weaning %					
	59%	89%	118%	148%	177%	
\$81.93	-\$7.89	\$1.70	\$11.26	\$20.88	\$30.47	
\$122.90	(\$4.11)	\$7.37	\$18.82	\$30.34	\$41.82	
\$163.86	(\$0.33)	\$13.04	\$26.38	\$39.80	\$53.17	
\$204.83	\$3.45	\$18.71	\$33.95	\$49.26	\$64.52	
\$245.79	\$7.23	\$24.38	\$41.51	\$58.72	\$75.87	
Export lamb \$/Hd	Weaning %					
	59%	89%	118%	148%	177%	
\$90.14	-\$8.65	\$0.56	\$9.74	\$18.98	\$28.19	
\$135.21	(\$4.49)	\$6.80	\$18.06	\$29.39	\$40.68	
\$180.28	(\$0.33)	\$13.04	\$26.38	\$39.80	\$53.17	
\$225.35	\$3.83	\$19.28	\$34.70	\$50.21	\$65.66	
\$270.42	\$7.99	\$25.52	\$43.02	\$60.61	\$78.14	
Domestic Lamb \$/Hd	Export Lamb \$/Hd					
	\$90.14	\$135.21	\$180.28	\$225.35	\$270.42	
\$81.93	-\$5.38	\$2.94	\$11.26	\$19.58	\$27.90	
\$122.90	\$2.18	\$10.50	\$18.82	\$27.14	\$35.46	
\$163.86	\$9.74	\$18.06	\$26.38	\$34.70	\$43.02	
\$204.83	\$17.30	\$25.62	\$33.95	\$42.27	\$50.59	
\$245.79	\$24.87	\$33.19	\$41.51	\$49.83	\$58.15	
Crutching \$/hd	Total shearing cost \$/hd					
	\$4.50	\$6.76	\$9.01	\$11.26	\$13.51	
\$0.69	\$28.33	\$27.60	\$26.88	\$26.16	\$25.44	
\$1.04	\$28.08	\$27.36	\$26.63	\$25.91	\$25.19	
\$1.38	\$27.83	\$27.11	\$26.38	\$25.66	\$24.94	
\$1.73	\$27.58	\$26.86	\$26.13	\$25.41	\$24.69	
\$2.08	\$27.33	\$26.61	\$25.88	\$25.16	\$24.44	
Feed m/sex lamb kg/hd/wk	Grain price \$/Tonne					
	\$165.00	\$247.50	\$330.00	\$412.50	\$495.00	
2.5 kg	\$32.44	\$30.68	\$28.93	\$27.18	\$25.43	
3.8 kg	\$31.80	\$29.73	\$27.66	\$25.59	\$23.52	
5.0 kg	\$31.16	\$28.77	\$26.38	\$23.99	\$21.61	
6.3 kg	\$30.52	\$27.81	\$25.11	\$22.40	\$19.69	
7.5 kg	\$29.88	\$26.86	\$23.83	\$20.80	\$17.78	