

1st CROSS EWES - Terminal Meat Rams

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

 Flock size: **3344 ewes** Farm Size **1000Ha**
 Ewe body weight: **76 kgs**
 DSE rating: **2.99 DSEs/ewe**
INCOME

					Standard Budget (\$)	Your Budget (\$)
Wool	number	class	kg /hd	\$/kg		
Shear	3210	ewes	4.50	\$2.44	\$35,246	
	67	rams	3.50	\$2.09	\$490	
Crutch	3411	adults	0.30	\$2.40	\$2,460	
	3934	lambs	0.25	\$2.40	\$2,364	
Sheep Sales	number	class	\$ /hd			
	591	CFA ewes	\$186.93	(33.4 kg cwt)	\$110,474	
	13	CFA rams	\$165.40		\$2,150	
8 months	1934	mixed sex lambs	\$163.86	(21.0 kg cwt)	\$316,823	
9 months	1934	mixed sex lambs	\$180.28	(23.0 kg cwt)	\$348,571	
Fodder	tonnes	type	value per tonne			
Graz/fodder crop	0 t	0	\$0 /t		\$0	
A. Total Income:					\$818,579	

VARIABLE COSTS

Replacements	number	class	cost (\$)/hd	reps		
	13	rams	\$1,200.00		\$15,600	
	724	ewes (1.5 years)	\$281.00		\$203,444	
Cartage	724	ewes (1.5 years)	\$2.50		\$1,810	
Cartage	13	rams	\$55.00		\$715	
Wool Harvesting & Selling Costs						
Shearing	3210	ewes	\$9.01	1	\$28,912	
	67	rams	\$12.48	1	\$836	
Crutching	7278	ewes/lambs	\$1.38	1	\$10,075	
	67	rams	\$3.02	1	\$203	
Wool tax			1.50%		\$608	
Commission, warehouse, testing charges			\$37.13/ bale		\$3,453	
Wool - cartage	93	bales	\$16.00		\$1,488	
- packs	93	packs	\$14.00		\$1,302	
Sheep Health	number	class				
Broadspectrum	3411	adults	\$1.59	2	\$10,847	
	4046	lambs	\$0.74	3	\$8,982	
Narrowspectrum	3411	adults	\$0.44	1	\$1,501	
	3867	lambs	\$0.20	1	\$773	
Lice control	3277	adults	\$1.64	1	\$5,374	
Fly control (long acting)	3344	adults	\$2.34	1	\$7,825	
fly control (short acting)	3867	weaners	\$0.50	1	\$1,934	
Vaccination- 6 in 1	3411	adults	\$0.38	1	\$1,296	
	4046	lambs	\$0.38	2	\$3,075	
Marking	4046	lambs	\$2.79	1	\$11,288	
Scanning	3344	ewes	\$0.80	1	\$2,675	
Livestock Selling Costs						
Livestock cartage	4,471	sale sheep	\$2.50		\$11,178	
Commission on sheep sales			4.50%		\$35,011	
Levies (Yard dues, MLA Transaction levy and LLS rates)					\$14,478	
Pasture maintenance	1000 ha	@	\$73 /ha		\$72,700	
Fodder						
			Supplementary feed @ \$330 /t			
Ewes/rams	3277	4.2 kg/hd/week	\$0.33 /kg	10 weeks	\$45,419	
Mixed sex lambs	3867	5.0 kg/hd/week	\$0.33 /kg	8 weeks	\$51,044	
	Total feed	292,314 kg	@	\$330	\$96,464	
Graz/fodder crop	0 ha	@	\$200 /ha		\$0	
B. Total Variable Costs:					\$553,847	
					excl. fodder	incl. fodder
GROSS MARGIN (A-B)					\$361,195.91	\$264,732.29
GROSS MARGIN /EWE					\$108.01	\$79.17
GROSS MARGIN /DSE					\$36.12	\$26.48
GROSS MARGIN /HA					\$361.25	\$264.77

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	724	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>724 Replacements Bought</p> <p>4046 lambs</p> <p>591 CFA's sold</p> </div> <div style="text-align: center;"> <p>3946 weaned lambs</p> </div> <div style="text-align: center;"> <p>3867 mixed sex lambs sold</p> </div> </div>	
2.5	696		
3.5	668		
4.5	641		
5.5	615		
6.5	0		
Total	3344		

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, 80mr	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	\$31.37	\$26.29	\$21.20	\$16.11	\$11.03	
\$140.19	\$34.01	\$28.93	\$23.84	\$18.75	\$13.67	
\$186.93	\$36.65	\$31.56	\$26.48	\$21.39	\$16.30	
\$233.66	\$39.29	\$34.20	\$29.11	\$24.03	\$18.94	
\$280.39	\$41.93	\$36.84	\$31.75	\$26.67	\$21.58	
Domestic Lmb \$/Hd	Weaning %					
	59%	89%	118%	148%	177%	
\$81.93	-\$7.81	\$1.77	\$11.35	\$20.92	\$30.52	
\$122.90	(\$4.03)	\$7.44	\$18.91	\$30.38	\$41.87	
\$163.86	(\$0.24)	\$13.11	\$26.48	\$39.83	\$53.22	
\$204.83	\$3.54	\$18.79	\$34.04	\$49.29	\$64.57	
\$245.79	\$7.33	\$24.46	\$41.61	\$58.74	\$75.91	
Export lamb \$/Hd	Weaning %					
	59%	89%	118%	148%	177%	
\$90.14	-\$8.57	\$0.63	\$9.83	\$19.03	\$28.24	
\$135.21	(\$4.40)	\$6.87	\$18.15	\$29.43	\$40.73	
\$180.28	(\$0.24)	\$13.11	\$26.48	\$39.83	\$53.22	
\$225.35	\$3.92	\$19.36	\$34.80	\$50.23	\$65.70	
\$270.42	\$8.08	\$25.60	\$43.12	\$60.64	\$78.19	
Domestic Lamb \$/Hd	Export Lamb \$/Hd					
	\$90.14	\$135.21	\$180.28	\$225.35	\$270.42	
\$81.93	-\$5.30	\$3.02	\$11.35	\$19.67	\$27.99	
\$122.90	\$2.27	\$10.59	\$18.91	\$27.24	\$35.56	
\$163.86	\$9.83	\$18.15	\$26.48	\$34.80	\$43.12	
\$204.83	\$17.40	\$25.72	\$34.04	\$42.37	\$50.69	
\$245.79	\$24.96	\$33.28	\$41.61	\$49.93	\$58.25	
Crutching \$/hd	Total shearing cost \$/hd					
	\$4.50	\$6.76	\$9.01	\$11.26	\$13.51	
\$0.69	\$28.43	\$27.70	\$26.98	\$26.26	\$25.54	
\$1.04	\$28.17	\$27.45	\$26.73	\$26.01	\$25.28	
\$1.38	\$27.92	\$27.20	\$26.48	\$25.75	\$25.03	
\$1.73	\$27.67	\$26.95	\$26.23	\$25.50	\$24.78	
\$2.08	\$27.42	\$26.70	\$25.97	\$25.25	\$24.53	
Feed ewes kg/hd/wk	Grain price \$/Tonne					
	\$165.00	\$247.50	\$330.00	\$412.50	\$495.00	
2.10 kg	\$32.44	\$30.59	\$28.75	\$26.90	\$25.06	
3.15 kg	\$31.87	\$29.74	\$27.61	\$25.48	\$23.36	
4.20 kg	\$31.30	\$28.89	\$26.48	\$24.07	\$21.65	
5.25 kg	\$30.73	\$28.04	\$25.34	\$22.65	\$19.95	
6.30 kg	\$30.17	\$27.19	\$24.21	\$21.23	\$18.25	