

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

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, 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	\$31.37	\$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	

Sheep and wool prices thanks to MLA market reporting, AuctionsPlus and AWEX.