

# 1st CROSS EWES - Terminal Meat Rams

Farm Enterprise Budget Series - Oct 2018 (average wool and sheep price 1 Apr to 30 Sep)

Flock size: 1000 ewes  
 Ewe body weight: 76 kgs  
 DSE rating: 2.99 dse's / ewe

					Standard Budget (\$)	Your Budget (\$)
<b>INCOME</b>						
<b>Wool</b>	<b>number</b>	<b>class</b>	<b>kg /hd</b>	<b>\$/kg</b>		
Shear	960	ewes	4.50	\$6.10	\$26,352	
	20	rams	3.50	\$4.49	\$314	
Crutch	1020	adults	0.30	\$3.31	\$1,012	
	1176	lambs	0.25	\$3.31	\$972	
<b>Sheep Sales</b>	<b>number</b>	<b>class</b>	<b>\$/hd</b>			
	177	CFA ewes	\$142.34	(30.8 kg cwt)	\$25,195	
	4	CFA rams	\$87.95		\$352	
	8 months	578 mixed sex lambs	\$157.47	(21.0 kg cwt)	\$91,018	
	9 months	578 mixed sex lambs	\$171.73	(23.0 kg cwt)	\$99,260	
<b>Fodder</b>	<b>tonnes</b>	<b>type</b>	<b>value per tonne</b>			
Graz/fodder crop	0 t	0	\$0 /t		\$0	
<b>A. Total Income:</b>					<b>\$244,474</b>	
<b>VARIABLE COSTS</b>						
<b>Replacements</b>	<b>number</b>	<b>class</b>	<b>cost (\$)/hd</b>	<b>reps</b>		
	4	rams	\$1,200.00		\$4,800	
	217	ewes (1.5 years)	\$210.00		\$45,570	
Cartage	217	ewes (1.5 years)	\$2.00		\$434	
Cartage	4	rams	\$50.00		\$200	
<b>Wool Harvesting &amp; Selling Costs</b>						
Shearing	960	ewes	\$7.15	1	\$6,866	
	20	rams	\$10.26	1	\$205	
Crutching	2176	ewes/lambs	\$1.18	1	\$2,570	
	20	rams	\$2.64	1	\$53	
Wool tax			2.00%		\$573	
Commission, warehouse, testing charges			\$40.50/ bale		\$1,134	
Wool cartage	28	bales	\$10.00		\$280	
packs	28	packs	\$13.50		\$378	
<b>Sheep Health</b>	<b>number</b>	<b>class</b>				
Broadspectrum	1020	adults	\$1.51	2	\$3,080	
	1210	lambs	\$0.71	3	\$2,577	
Narrowspectrum	1020	adults/hoggets	\$0.36	1	\$367	
	1156	lambs	\$0.16	1	\$185	
Lice control	0	adults	\$1.13	1	\$0	
Fly control (long acting)	1000	adults	\$1.80	1	\$1,800	
fly control (short acting)	1156	weaners	\$0.44	1	\$509	
Vaccination- 6 in 1	1020	adults	\$0.30	1	\$306	
	1210	lambs	\$0.30	2	\$726	
Marking	1210	lambs	\$1.85	1	\$2,239	
Scanning	1000	ewes	\$0.80	1	\$800	
<b>Livestock Selling Costs</b>						
Livestock cartage	1,337	sale sheep	\$2.00		\$2,674	
Commission on sheep sales			4.95%		\$10,683	
Levies (Yard dues, MLA Transaction levy and LLS rates)					\$3,978	
<b>Pasture maintenance</b>	299 ha	@	\$37 /ha		\$11,078	
<b>Fodder</b>						
			Supplementary feed @ \$400 /t			
Ewes	960	7.1 kg/hd/week	\$0.40 /kg	34 weeks	\$92,698	
Mixed sex lambs	1156	10.5 kg/hd/week	\$0.48 /kg	13 weeks	\$75,741	
<b>Total feed</b>		389,538 kg	@	\$400	<b>\$168,439</b>	
Graz/fodder crop	0 ha	@	\$0 /ha		\$0	
<b>B. Total Variable Costs:</b>					<b>\$272,505</b>	
					excl. fodder	incl. fodder
<b>GROSS MARGIN (A-B)</b>			<b>\$140,408.13</b>		<b>-\$28,030.59</b>	
<b>GROSS MARGIN /EWE</b>			<b>\$140.41</b>		<b>-\$28.03</b>	
<b>GROSS MARGIN /DSE</b>			<b>\$46.96</b>		<b>-\$9.37</b>	
<b>GROSS MARGIN /HA</b>			<b>\$469.59</b>		<b>-\$93.75</b>	

### 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	Wearing %	118%
DSE rating /ewe	3.0	Selling age	6-8 months
Stocking rate/ha	10 dse's		

Pasture maintenance = 90kg/ha single super @ \$3450t + \$6.00/ha application

2. Flock		Structure Sheep numbers are modified to reflect mortality throughout the year.	
Age	Number of ewes		
1.5	217	217	Replacements Bought
2.5	208		
3.5	200	1210	lams
4.5	192	1180	weaned lams
5.5	184		
6.5	0	1156	mixed sex lambs sold
Total	1000	177	CFA's sold

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	\$9.72	71%	\$6.86	1%VMB, 90mm	75%
- Skirtings/bellies	26	XP5B.	\$7.13	55%	\$3.94	4.8%VMB, 80mm	20%
- Cardings	28	XZ2B.	\$5.47	61%	\$3.35	2.9%VMB.	5%
					<b>\$6.10</b>	used in budget	

The analysis included maintenance feeding of ewes (including during late pregnancy and early lactation), hoggets, wethers and replacements using a total ration price of \$400/tonne landed. For enterprises selling finished lambs, lambs were fully production fed (total ration price \$480/tonne landed) to achieve approximately 20kg liveweight gain to finish lambs for market. A feed conversion ratio of six kilograms of feed to achieve one kilogram of liveweight gain was used for the meat focussed enterprises and seven to one for the others. All production outputs were kept constant (wool cuts, reproduction and growth rates) with the assumption increased hand feeding would help account for this. It would be difficult to accurately account for changes in production between enterprises, but in reality all production outputs would be lower, including micron.