

2002 EWE AND LAMB BUDGET Early Lambing

ITEM	QUANTITY/UNIT		PRICE PER UNIT	AMOUNT		YOUR BUDGET
				125% lamb crop	150%	
RECEIPTS						
Lambs ¹	156	188 lb	\$0.70 /lb	\$109	\$131	_____
Wool Sales ²						_____
Ewe		8 lb	0.35 /lb	2.80	2.80	_____
Lamb	25% lambs shorn	4 lb	0.10 /lb	0.13	0.15	_____
Cull Ewe and Ram ³						_____
Ewe	16% cull rate -	150 lb/ ewe	30.00 /cwt	7.20	7.20	_____
Ram	25% death rate	200 lb/ ram	30.00 /cwt	0.43	0.43	_____
TOTAL RECEIPTS				120	142	_____
VARIABLE COSTS						
Feed ⁴						_____
Lambs						_____
Corn	5.5	6.6 bu	2.30 /bu	13	15	_____
Alfalfa Hay	0.027	0.032 ton	125 /ton	3	4	_____
Soybean Meal	29	35 lb	0.10 /lb	3	4	_____
Minerals	7	8 lb	0.20 /lb	1	2	_____
Ewes						_____
Corn	5.5	6 bu	2.30 /bu	13	14	_____
Hay	0.27	0.27 ton	65 /ton	18	18	_____
Pasture (hay eq.)	0.36	0.36 ton	20 /ton	7	7	_____
Salt and Mineral				2	2	_____
TOTAL FEED COSTS				60	65	_____
Health Program				6	6	_____
Marketing	1.40	1.70 head	2.50 /head	4	4	_____
Shearing	1.30	1.40 head	2.00 /head	3	3	_____
Util., Supp. and Misc.				3	3	_____
Int. on Operating Expense ⁵	\$41	\$44 12 mo.	9 %	4	4	_____
TOTAL VARIABLE COSTS				79	85	_____
FIXED COSTS						
Labor Charge		4 hours	8.00 /hr	32	30	_____
Ewe Replacement ⁶				20	20	_____
Ram Replacement ⁷				3	3	_____
Int. on Breed Stock ⁸		\$70	9 %	6	6	_____
Equipment Charge ⁹		\$30	17.6 %	5	5	_____
Buildings Charge ¹⁰		\$50	14.7 %	7	7	_____
Management Charge		5% of gross		6	7	_____
TOTAL FIXED COSTS				80	79	_____
TOTAL COSTS				159	164	_____
RETURN OVER VARIABLE COSTS						
	Lambs @		\$60	\$15	\$27	_____
			\$70	\$31	\$46	_____
			\$80	\$46	\$65	_____
RETURN OVER TOTAL COSTS						
	Lambs @		\$60	(\$64)	(\$51)	_____
			\$70	(\$49)	(\$33)	_____
			\$80	(\$34)	(\$15)	_____

¹ Lambs sold at 125 lb. - 1.25 and 1.50 lambs sold per ewe.

² Wool: 8 lbs/ewe + 4 lbs./lamb shearing 1/4 of all lambs. Ewe wool price is \$0.35/lb. and lamb wool price is \$0.10/lb.

³ Cull rate: ewes=20% and rams=35%. Death rate: ewes=4% and rams=10%.
1 ram assumed to be used for every 35 ewes.

⁴ Feed includes ewe maintenance, gestation, and lactation requirements + lamb requirements and 50 lb. creep feed.

⁵ Includes 1/2 value of feed plus other variable expenses less marketing.

⁶ Ewe replacement cost based on 20% annual replacement rate, 4% death loss and cost of ewe of \$85
(0.20+0.04) X \$85 = \$17

⁷ Ram replacement cost based on 25% replacement rate, 10% death loss, ram cost of \$300, 35 ewes per ram.
{(0.25+0.10) X \$300}/35= \$3

⁸ Average value of breeding animals is \$65 per ewe plus \$5 per ram per ewe.

⁹ \$30 investment X 20% = \$6

¹⁰ 10 ft² per ewe @ \$5/ft² = \$50 X 17% = \$9