

COLORADO LIVESTOCK ENTERPRISE BUDGET

ENTERPRISE: **Sheep-Farm Flock**
 REGION: **Colorado**
 YEAR: **2011-12**
 HERD SIZE: **100 Head**

1. GROSS REVENUES FROM PRODUCTION

Sale Item	Unit	Mkt. Price	Mkt. Weight	No. Head	Value Per Head	Value Per Ewe	Total Value	Your Value
Lambs	cwt.	180.00	1.20	150	216.00	324.00	32,400	
Wool	lb	3.50	9.00	100	31.50	31.50	3,150	
Cull Ewes	cwt.	120.00	2.00	17	240.00	40.80	4,080	
Cull Rams	cwt.	0.00	0.00	0	0.00	0.00	0	
Total Gross Revenues From Production						\$396.30	\$39,630	

2. DIRECT CASH OPERATING EXPENSES

Animal Expense						90.38	9,038	
Machine & Equipment Expense						14.50	1,450	
Labor Expense						4.95	495	
Land Expense						21.60	2,160	
Finance Expense						14.40	1,440	
Total Direct Cash Operating Expenses						\$145.83	\$14,583	

3. NET CASH RECEIPTS FROM OPERATIONS

4. Non-Cash Operating Expense

5. Total Operating Expenses

6. NET RECEIPTS

\$250.48	\$25,048
\$11.25	1,125
\$157.08	15,708
\$239.23	\$23,923

7. BREAK-EVEN PRICES FOR Lambs

Weaning /weaning		Annual Ewe Costs					
Percent	Weight	50	75	100	125	150	200
100%	80	\$0.63	\$0.94	\$1.25	\$1.56	\$1.88	\$2.50
	100	0.50	0.75	1.00	1.25	1.50	2.00
	120	0.42	0.63	0.83	1.04	1.25	1.67
110%	80	0.57	0.85	1.14	1.42	1.70	2.27
	100	0.45	0.68	0.91	1.14	1.36	1.82
	120	0.38	0.57	0.76	0.95	1.14	1.52
120%	80	0.52	0.78	1.04	1.30	1.56	2.08
	100	0.42	0.63	0.83	1.04	1.25	1.67
	120	0.35	0.52	0.69	0.87	1.04	1.39
130%	80	0.48	0.72	0.96	1.20	1.44	1.92
	100	0.38	0.58	0.77	0.96	1.15	1.54
	120	0.32	0.48	0.64	0.80	0.96	1.28
140%	80	0.45	0.67	0.89	1.12	1.34	1.79
	100	0.36	0.54	0.71	0.89	1.07	1.43
	120	0.30	0.45	0.60	0.74	0.89	1.19

Calculation: Annual Ewe Costs divided by Weaning Weight divided by Weaning Percent (as a decimal).

8. BUDGET ASSUMPTIONS

Production Assumptions:

Exposed Females	100 ewes
Ewe Death Loss	3 percent
Replacement Rate	20 percent
Weaned Lamb Crop	150 percent
Ave. Weaning Weights:	
Lambs	120 lbs.

Management Practices:

Lambs born Mid-February through Mid-March
Lambs sold Mid-September through Mid-October
Irrigated pasture-8 months grazing
Corn fed: 70 lbs. per ewe
Hay fed: 5 lbs. per ewe (per day)

Animal Expense:

Livestock Feed

Description	Unit	Quantity	Costs			
			Price Per Unit	Per Ewe	Total Value	Your Value
Alfalfa Hay	ton	30	210.00	63.00	6,300	
Grass Hay	ton	0	0.00	0.00	0	
Other Roughages	ton	0	0.00	0.00	0	
Grain/Concentrates	cwt	70	12.50	8.75	875	
Protein Supplements	ton	0	0.00	0.00	0	
Salt/Mineral	ton	2	7.00	0.14	14	
Other Livestock Feed		0	0.00	0.00	0	
Subtotal of Livestock Feed				\$71.89	\$7,189	

Livestock Medical and Breeding

Description	Unit	Quantity	Costs			
			Price Per Unit	Per Ewe	Total Value	Your Value
Lamb Vaccines	each	150	0.60	0.90	90	
Breeding Vaccines	each	100	1.60	1.60	160	
Other Vaccines	each	100	2.50	2.50	250	
Pregnancy Test	ewe	0	0.00	0.00	0	
Ram Fertility Test	ram	2	25.00	0.50	50	
Other Veterinary				0.00	0	
Misc Medicine	each	30	3.50	1.05	105	
Medical Supplies	each	55	1.50	0.83	83	
Breeding Expense				0.00	0	
Other Medical				0.00	0	
Subtotal of Livestock Medical and Breeding				\$7.38	\$738	

Livestock Supplies

Description	Unit	Quantity	Price Per Unit	Costs		
				Per Ewe	Total Value	Your Value
Dog Food	dol	0	0.00	0.00	0	
Camp Supplies	dol	0	0.00	0.00	0	
Fencing Supplies	dol	0	0.00	0.00	0	
Tools	each	0	0.00	0.00	0	
Other Supplies	each	450	1.00	4.50	450	
Subtotal of Livestock Supplies				\$4.50	\$450	

Marketing

Description	Unit	Quantity	Price Per Unit	Costs		
				Per Ewe	Total Value	Your Value
Freight and Trucking	dol	160	1.00	1.60	160	
Selling Comm/Yardage	hd.	167	1.60	2.67	267	
Brand Inspection	hd.	0	0.00	0.00	0	
Health Inspection	hd.	167	1.40	2.34	234	
Lodging/Meals Etc.				0.00	0	
Hedging Expense				0.00	0	
Other Marketing				0.00	0	
Subtotal of Marketing				\$6.61	\$661	
Total Animal Expense				\$90.38	\$9,038	

Machinery and Equipment Expense:

Description	Unit	Quantity	Price Per Unit	Costs		
				Per Ewe	Total Value	Your Value
Fuel and Lubrication	dol.	800	1.00	8.00	800	
Maint. and Repairs	dol.	400	1.00	4.00	400	
Equipment Leases	dol.	0	0.00	0.00	0	
Machine Hire	dol.	250	1.00	2.50	250	
Other Mach. & Equip.				0.00	0	
Total Machinery and Equipment Expense				\$14.50	\$1,450	

Labor Expense:

Description	Unit	Quantity	Price Per Unit	Costs		
				Per Ewe	Total Value	Your Value
Wages	sal	0	0	0.00	0	
FICA	pct.	0	0.00	0.00	0	
Contract Labor	dol.	0	0.00	0.00	0	
Professional Fees	dol.	0	0.00	0.00	0	
Workman's Comp	dol.	0	0.00	0.00	0	
Other Labor		55	9.00	4.95	495	
Total Labor Expense				\$4.95	\$495	

Land Expense:

Description	Unit	Quantity	Price Per Unit	Costs		
				Per Ewe	Total Value	Your Value
Fert. & Water	acre	40	25.00	10.00	1,000	
Rents and Leases	day	12,000	0.05	6.00	600	
M&R Land and Bldgs.	dol.	200	1.00	2.00	200	
Insur. (Bld, Mach., Lvs)	dol.	360	1	3.60	360	
Other Land				0.00	0	
Total Land Expense				\$21.60	\$2,160	

Finance Expense:

Description	Unit	Quantity	Price Per Unit	Costs		
				Per Ewe	Total Value	Your Value
Interest-Oper. Note	dol.	4,500	0.08	3.60	360	
Interest-Non Real Est.	dol.	10,500	0.08	8.40	840	
Interest-Real Est.	dol.	3,000	0.08	2.40	240	
Other Finance				0.00	0	
Total Finance Expense				\$14.40	\$1,440	

Non-Cash Operating Expense:

Description	Unit	Quantity	Price Per Unit	Costs		
				Per Ewe	Total Value	Your Value
Depr. Bldg. & Equip	dol.	950	1.00	9.50	950	
Depr. on Rams	dol.	175	1.00	1.75	175	
Other Depr.	dol.	0	0.00	0.00	0	
Other Non-Cash Expenses				0.00	0	
Total Non-Cash Operating Expense				\$11.25	\$1,125	