

COLORADO LIVESTOCK ENTERPRISE BUDGET

ENTERPRISE: **Sheep-Range**
 REGION: **Colorado**
 YEAR: **2011-2012**
 HERD SIZE: **1500 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	1.00	1875	180.00	225.00	337,500	
Wool	lb	3.50	8.80	1500	30.80	30.80	46,200	
Cull Ewes	cwt.	120.00	1.65	255	198.00	33.66	50,490	
Cull Rams	cwt.	110.00	2.30	12	253.00	2.02	3,036	
Total Gross Revenues From Production						\$291.48	\$437,226	

2. DIRECT CASH OPERATING EXPENSES

Animal Expense						61.60	92,404	
Machine & Equipment Expense						8.84	13,260	
Labor Expense						29.59	44,382	
Land Expense						7.39	11,080	
Finance Expense						18.63	27,938	
Total Direct Cash Operating Expenses						\$126.04	\$189,064	

3. NET CASH RECEIPTS FROM OPERATIONS

4. Non-Cash Operating Expense

5. Total Operating Expenses

6. NET RECEIPTS

\$165.44	\$248,162
\$11.67	17,500
\$137.71	206,564
\$153.77	\$230,662

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	1500 ewes
Ewe Death Loss	3 percent
Replacement Rate	20 percent
Weaned Lamb Crop	125 percent
Ave. Weaning Weights:	
Lambs	100 lbs.

Management Practices:

Animal Expense:

Livestock Feed

Description	Unit	Quantity	Price Per Unit	Costs		
				Per Ewe	Total Value	Your Value
Alfalfa Hay	ton	205	210.00	28.70	43,050	
Grass Hay	ton	0	0.00	0.00	0	
Other Roughages	ton	0	0.00	0.00	0	
Grain/Concentrates	cwt	1,350	12.50	11.25	16,875	
Protein Supplements	ton	0	0.00	0.00	0	
Salt/Mineral	ton	2	7.00	0.01	14	
Other Livestock Feed		0	0.00	0.00	0	
Subtotal of Livestock Feed				\$39.96	\$59,939	\$0

Livestock Medical and Breeding

Description	Unit	Quantity	Price Per Unit	Costs		
				Per Ewe	Total Value	Your Value
Lamb Vaccines	each	1,875	0.55	0.69	1,031	
Breeding Vaccines	each	1,500	1.60	1.60	2,400	
Other Vaccines				0.00	0	
Pregnancy Test	ewe	0	0.00	0.00	0	
Ram Fertility Test	ram	0	0.00	0.00	0	
Other Veterinary				0.00	0	
Misc Medicine	ewe	1,599	3.20	3.41	5,117	
Medical Supplies	each	850	1.00	0.57	850	
Breeding Expense				0.00	0	
Other Medical				0.00	0	
Subtotal of Livestock Medical and Breeding				\$6.27	\$9,398	\$0

Livestock Supplies

Description	Unit	Quantity	Price Per Unit	Costs		
				Per Ewe	Total Value	Your Value
Dog Food	dol	940	1.00	0.63	940	
Camp Supplies	dol	6,250	1.00	4.17	6,250	
Fencing Supplies	dol	1,640	1.00	1.09	1,640	
Tools	each	250	3.00	0.50	750	
Other Supplies	each	0	0.00	0.00	0	
Subtotal of Livestock Supplies				\$6.39	\$9,580	

Marketing

Description	Unit	Quantity	Price Per Unit	Costs		
				Per Ewe	Total Value	Your Value
Freight and Trucking	dol	2,670	1.00	1.78	2,670	
Selling Comm/Yardage	hd.	2,142	3.70	5.28	7,925	
Brand Inspection	hd.	0	0.00	0.00	0	
Health Inspection	hd.	2,142	1.35	1.93	2,892	
Lodging/Meals Etc.				0.00	0	
Hedging Expense				0.00	0	
Other Marketing				0.00	0	
Subtotal of Marketing				\$8.99	\$13,487	
Total Animal Expense				\$61.60	\$92,404	

Machinery and Equipment Expense:

Description	Unit	Quantity	Price Per Unit	Costs		
				Per Ewe	Total Value	Your Value
Fuel and Lubrication	dol.	7,200	1.00	4.80	7,200	
Maint. and Repairs	dol.	5,150	1.00	3.43	5,150	
Equipment Leases	dol.	0	0.00	0.00	0	
Machine Hire	dol.	910	1.00	0.61	910	
Other Mach.& Equip.				0.00	0	
Total Machinery and Equipment Expense				\$8.84	\$13,260	

Labor Expense:

Description	Unit	Quantity	Price Per Unit	Costs		
				Per Ewe	Total Value	Your Value
Wages	sal	2	18000	24.00	36,000	
FICA	pct.	18000	0.10	1.20	1,800	
Contract Labor	dol.	4500	1.00	3.00	4,500	
Professional Fees	dol.	0	0.00	0.00	0	
Workman's Comp	dol.	120	17.35	1.39	2,082	
Other Labor				0.00	0	
Total Labor Expense				\$29.59	\$44,382	

Land Expense:

Description	Unit	Quantity	Price Per Unit	Costs		
				Per Ewe	Total Value	Your Value
Fert. & Chem.	acre	0	0.00	0.00	0	
Rents and Leases	aum	2,000	1.79	2.39	3,580	
M&R Land and Bldgs.	dol.	2,500	1.00	1.67	2,500	
Insur. (Bld, Mach., Lvs)	dol.	5000	1	3.33	5,000	
Other Land				0.00	0	
Total Land Expense				\$7.39	\$11,080	

Finance Expense:

Description	Unit	Quantity	Price Per Unit	Costs		
				Per Ewe	Total Value	Your Value
Interest-Oper. Note	dol.	3,938	1.00	2.63	3,938	
Interest-Non Real Est.	dol.	2,000	1.00	1.33	2,000	
Interest-Real Est.	dol.	22,000	1.00	14.67	22,000	
Other Finance				0.00	0	
Total Finance Expense				\$18.63	\$27,938	

Non-Cash Operating Expense:

Description	Unit	Quantity	Price Per Unit	Costs		
				Per Ewe	Total Value	Your Value
Depr. Bldg. & Equip	dol.	15,000	1.00	10.00	15,000	
Depr. on Rams	dol.	2,500	1.00	1.67	2,500	
Other Depr.	dol.	0	0.00	0.00	0	
Other Non-Cash Expenses				0.00	0	
Total Non-Cash Operating Expense				\$11.67	\$17,500	