

**COLORADO LIVESTOCK ENTERPRISE BUDGET**

ENTERPRISE: **Beef Cow-Calf**  
 REGION: **Colorado**  
 YEAR: **2010-11**  
 HERD SIZE: **250 cows**

**1. GROSS REVENUES FROM PRODUCTION**

Sale Item	Unit	Mkt. Price	Mkt. Weight	No. Head	Value Per Head	Value Per Cow	Total Value	Your Value
Steer Calves	cwt.	136.00	5.85	110	795.60	350.06	87,516	
Heifer Calves	cwt.	131.00	5.63	68	737.53	200.61	50,152	
Cull Cows	cwt.	63.00	10.25	35	645.75	90.41	22,601	
Cull Bulls	cwt.	74.00	16.45	3	1217.30	14.61	3,652	
<b>Total Gross Revenues From Production</b>						<b>\$655.68</b>	<b>\$163,921</b>	

**2. DIRECT CASH OPERATING EXPENSES**

Animal Expense						381.13	95,282	
Machine & Equipment Expense						42.49	7,655	
Labor Expense						9.92	2,480	
Land Expense						50.11	12,528	
Finance Expense						75.60	18,900	
<b>Total Direct Cash Operating Expenses</b>						<b>\$559.25</b>	<b>\$136,845</b>	

**3. NET CASH RECEIPTS FROM OPERATIONS**

**4. Non-Cash Operating Expense**

**5. Total Operating Expenses**

**6. NET RECEIPTS**

<b>\$96.43</b>	<b>\$27,076</b>
<b>\$48.00</b>	<b>12,000</b>
<b>\$607.25</b>	<b>151,813</b>
<b>\$48.43</b>	<b>\$12,109</b>

**7. BREAK-EVEN PRICES FOR CALVES**

Weaning /weaning		Annual Cow Costs					
Percent	Weight	300	350	400	450	500	550
75%	400	\$1.00	\$1.17	\$1.33	\$1.50	\$1.67	\$1.83
	500	0.80	0.93	1.07	1.20	1.33	1.47
	600	0.67	0.78	0.89	1.00	1.11	1.22
80%	400	0.94	1.09	1.25	1.41	1.56	1.72
	500	0.75	0.88	1.00	1.13	1.25	1.38
	600	0.63	0.73	0.83	0.94	1.04	1.15
85%	400	0.88	1.03	1.18	1.32	1.47	1.62
	500	0.71	0.82	0.94	1.06	1.18	1.29
	600	0.59	0.69	0.78	0.88	0.98	1.08
90%	400	0.83	0.97	1.11	1.25	1.39	1.53
	500	0.67	0.78	0.89	1.00	1.11	1.22
	600	0.56	0.65	0.74	0.83	0.93	1.02
95%	400	0.79	0.92	1.05	1.18	1.32	1.45
	500	0.63	0.74	0.84	0.95	1.05	1.16
	600	0.53	0.61	0.70	0.79	0.88	0.96

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

## 8. BUDGET ASSUMPTIONS

### Production Assumptions:

Exposed Females	250 cows
Cow Death Loss	3 percent
Replacement Rate	17 percent
Weaned Calf Crop	88 percent
Ave. Weaning Weights:	
Steers	555 lbs.
Heifers	535 lbs.

### Management Practices:

Calves Born March through May
Calves Weaned (Sold) October/November
Feeding Period - 4 Months
Grazing Period - 8 Months

### Animal Expense:

#### Livestock Feed

Description	Unit	Quantity	Price Per Unit	Costs		
				Per Cow	Total Value	Your Value
Alfalfa Hay	ton	40	150.00	24.00	6,000	
Grass Hay	ton	472	135.00	254.88	63,720	
Other Roughages	ton	0	0.00	0.00	0	
Grain/Concentrates	ton	0	0.00	0.00	0	
Protein Supplements	ton	18	429.00	30.89	7,722	
Salt/Mineral	ton	50	75.00	15.00	3,750	
Other Livestock Feed		0	0.00	0.00	0	
Subtotal of Livestock Feed				\$324.77	\$81,192	\$0

#### Livestock Medical and Breeding

Description	Unit	Quantity	Price Per Unit	Costs		
				Per Cow	Total Value	Your Value
Calf Vaccines	each	250	12.00	12.00	3,000	
Breeding Vaccines	each	250	6.00	6.00	1,500	
Other Vaccines				0.00	0	
Pregnancy Test	cow	250	3.30	3.30	825	
Bull Fertility Test	bull	10	40.00	1.60	400	
Other Veterinary				0.00	0	
Misc Medicine	each	250	9.00	9.00	2,250	
Medical Supplies	each	250	1.25	1.25	313	
Breeding Expense				0.00	0	
Other Medical				0.00	0	
Subtotal of Livestock Medical and Breeding				\$33.15	\$8,288	\$0

Livestock Supplies

Description	Unit	Quantity	Price Per Unit	Costs		
				Per Cow	Total Value	Your Value
Feeding Supplies	each	250	3.6	3.60	900	
Irrigation Supplies				0.00	0	
Tack	each	250	1.00	1.00	250	
Ear Tags	each	250	4.00	4.00	1,000	
Other Supplies	each	250	1.50	1.50	375	
<b>Subtotal of Livestock Supplies</b>				<b>\$10.10</b>	<b>\$2,525</b>	

Marketing

Description	Unit	Quantity	Price Per Unit	Costs		
				Per Cow	Total Value	Your Value
Freight and Trucking	mile	320	3.20	4.10	1,024	
Selling Comm/Yardage	pct.	96,444	0.02	7.72	1,929	
Brand Inspection	hd.	203	1.35	1.10	274	
Health Inspection	hd.	203	0.25	0.20	51	
Lodging/Meals Etc.				0.00	0	
Hedging Expense				0.00	0	
Other Marketing				0.00	0	
<b>Subtotal of Marketing</b>				<b>\$13.11</b>	<b>\$3,278</b>	
<b>Total Animal Expense</b>				<b>\$381.13</b>	<b>\$95,282</b>	

Machinery and Equipment Expense:

Description	Unit	Quantity	Price Per Unit	Costs		
				Per Cow	Total Value	Your Value
Fuel and Lubrication	dol.	4,200	1.00	26.80	4,200	
Maint. and Repairs	dol.	2,160	1.00	9.49	2,160	
Equipment Leases	dol.	720	1.00	3.90	720	
Machine Hire	dol.	575	1.00	2.30	575	
Other Mach.& Equip.				0.00	0	
<b>Total Machinery and Equipment Expense</b>				<b>\$42.49</b>	<b>\$7,655</b>	

**Labor Expense:**

Description	Unit	Quantity	Price Per Unit	Costs		Your Value
				Per Cow	Total Value	
Wages	sal	0	0.00	0.00	0	
FICA	pct.	0	0.08	0.00	0	
Contract Labor	dol.	1800	1.00	7.20	1,800	
Professional Fees	dol.	680	1.00	2.72	680	
Workman's Comp	dol.	0	17.35	0.00	0	
Other Labor				0.00	0	
<b>Total Labor Expense</b>				<b>\$9.92</b>	<b>\$2,480</b>	

**Land Expense:**

Description	Unit	Quantity	Price Per Unit	Costs		Your Value
				Per Cow	Total Value	
Fert. & Chem.	acre	150	12.00	7.20	1,800	
Rents and Leases	aum	2,100	1.75	14.70	3,675	
M&R Land and Bldgs.	dol.	2,130	1.00	8.52	2,130	
Insur. (Bld, Mach., Lvsl)	dol.	4923	1	19.69	4,923	
Other Land				0.00	0	
<b>Total Land Expense</b>				<b>\$50.11</b>	<b>\$12,528</b>	

**Finance Expense:**

Description	Unit	Quantity	Price Per Unit	Costs		Your Value
				Per Cow	Total Value	
Interest-Oper. Note	dol.	4,500	1.00	18.00	4,500	
Interest-Non Real Est.	dol.	2,000	1.00	8.00	2,000	
Interest-Real Est.	dol.	12,400	1.00	49.60	12,400	
Other Finance				0.00	0	
<b>Total Finance Expense</b>				<b>\$75.60</b>	<b>\$18,900</b>	

**Non-Cash Operating Expense:**

Description	Unit	Quantity	Price Per Unit	Costs		Your Value
				Per Cow	Total Value	
Depr. Bldg. & Equip	dol.	9,500	1.00	38.00	9,500	
Depr. on Bulls	dol.	2,500	1.00	10.00	2,500	
Other Depr.	dol.	0	0.00	0.00	0	
Other Non-Cash Expenses				0.00	0	
<b>Total Non-Cash Operating Expense</b>				<b>\$48.00</b>	<b>\$12,000</b>	