



COLORADO LIVESTOCK ENTERPRISE BUDGET

ENTERPRISE: Beef Cow-Calf
REGION: Colorado
YEAR: 2014-15
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.	\$274.27	565	112	\$1,549.63	\$694.23	\$173,558.06	_____
Heifer Calves	cwt.	\$267.12	535	62	\$1,429.09	\$354.41	\$88,603.70	_____
Cull Cows	cwt.	\$113.00	1,200	33	\$1,356.00	\$178.99	\$44,748.00	_____
Cull Bulls	cwt.	\$135.00	1,800	3	\$2,430.00	\$29.16	\$7,290.00	_____

Total Gross Revenues From Production

\$1,256.80 \$314,199.76

2. DIRECT CASH OPERATING EXPENSES

Animal Expense		\$503.65	\$125,911.42	_____
Machine & Equipment Expense		\$31.40	\$7,850.00	_____
Labor Expense		\$9.92	\$2,480.00	_____
Land Expense		\$50.39	\$12,598.00	_____
Finance Expense		\$75.60	\$18,900.00	_____

Total Direct Cash Operating Expenses

\$670.96 \$167,739.42

3. NET CASH RECEIPTS FROM OPERATIONS

\$585.84 \$146,460.34

4. Non-Cash Operating Expense

\$48.00 \$12,000.00

5. Total Operating Expenses

\$718.96 \$179,739.42

6. NET RECEIPTS

\$537.84 \$134,460.34

7. BREAK-EVEN PRICES FOR CALVES

Weaning Percent	Weaning Weight	Annual Cow Costs					
		300	400	500	600	700	800
75%	400	\$1.00	\$1.33	\$1.67	\$2.00	\$2.33	\$2.67
	500	0.80	1.07	1.33	1.60	1.87	2.13
	600	0.67	0.89	1.11	1.33	1.56	1.78
80%	400	0.94	1.25	1.56	1.88	2.19	2.50
	500	0.75	1.00	1.25	1.50	1.75	2.00
	600	0.63	0.83	1.04	1.25	1.46	1.67
85%	400	0.88	1.18	1.47	1.76	2.06	2.35
	500	0.71	0.94	1.18	1.41	1.65	1.88
	600	0.59	0.78	0.98	1.18	1.37	1.57
90%	400	0.83	1.11	1.39	1.67	1.94	2.22
	500	0.67	0.89	1.11	1.33	1.56	1.78
	600	0.56	0.74	0.93	1.11	1.30	1.48
95%	400	0.79	1.05	1.32	1.58	1.84	2.11
	500	0.63	0.84	1.05	1.26	1.47	1.68
	600	0.53	0.70	0.88	1.05	1.23	1.40

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

8. BUDGET ASSUMPTIONS

Production Assumptions:

Exposed Females:	250
Cow Death Loss:	1.5%
Cow Replacement Rate:	15%
Cows per Bull:	25
Bull Replacement Rate:	30%
Weaned Calf Crop:	90%
Ave. Weaning Weights:	
Steers :	565 lbs.
Heifers :	535 lbs.

Management Practices:

Calves Born March through May, 2014
Calves Weaned (Sold) October/November, 2014
Feeding Period - 4 Months
Grazing Period - 8 Months
Replacements Retained
Heifers: 50

Animal Expense:

Livestock Feed

Description	Unit	Quantity	Price Per Unit	Per Cow	Total Value	Your Value	
Alfalfa Hay	ton	40	\$180.00	\$28.80	\$7,200.00	_____	
Grass Hay	ton	472	\$135.00	\$254.88	\$63,720.00	_____	
Other Roughages	ton	0	\$0.00	\$0.00	\$0.00	_____	
Grain/Concentrates	ton	0	\$0.00	\$0.00	\$0.00	_____	
Protein Supplements	ton	18	\$216.00	\$15.55	\$3,888.00	_____	
Salt/Mineral	ton	50	\$75.00	\$15.00	\$3,750.00	_____	
Private Pasture (2 months)	hd	500	\$22.00	\$44.00	\$11,000.00	_____	
Public Pasture (6 months)	hd	1,500	\$13.50	\$81.00	\$20,250.00	_____	
Other Livestock Feed		0	\$0.00	\$0.00	\$0.00	_____	
Subtotal of Livestock Feed					\$439.23	\$109,808.00	_____

Livestock Medical and Breeding

Description	Unit	Quantity	Price Per Unit	Per Cow	Total Value	Your Value	
Calf Vaccines	each	250	\$12.00	\$12.00	\$3,000.00	_____	
Breeding Vaccines	each	250	\$8.00	\$8.00	\$2,000.00	_____	
Other Vaccines				\$0.00	\$0.00	_____	
Pregnancy Test	cow	250	\$3.75	\$3.75	\$937.50	_____	
Bull Fertility Test	bull	10	\$40.00	\$1.60	\$400.00	_____	
Other Veterinary				\$0.00	\$0.00	_____	
Misc Medicine	each	250	\$9.00	\$9.00	\$2,250.00	_____	
Medical Supplies	each	250	\$1.25	\$1.25	\$312.50	_____	
Breeding Expense				\$0.00	\$0.00	_____	
Other Medical				\$0.00	\$0.00	_____	
Subtotal of Livestock Medical and Breeding					\$35.60	\$8,900.00	_____

Livestock Supplies

Description	Unit	Quantity	Price Per Unit	Per Cow	Total Value	Your Value
Feeding Supplies	each	250	\$3.60	\$3.60	\$900.00	_____
Irrigation Supplies				\$0.00	\$0.00	_____
Tack	each	250	\$1.00	\$1.00	\$250.00	_____
Ear Tags	each	250	\$4.00	\$4.00	\$1,000.00	_____
Other Supplies	each	250	\$1.50	\$1.50	\$375.00	_____
Subtotal of Livestock Supplies				\$10.10	\$2,525.00	_____

Marketing

Description	Unit	Quantity	Price Per Unit	Per Cow	Total Value	Your Value
Freight and Trucking	mile	320	\$4.50	\$5.76	\$1,440.00	_____
Selling Comm/Yardage	pct.	96,444	\$0.03	\$11.57	\$2,893.32	_____
Brand Inspection	hd.	203	\$1.40	\$1.14	\$284.20	_____
Health Inspection	hd.	203	\$0.30	\$0.24	\$60.90	_____
Lodging/Meals Etc.				\$0.00	\$0.00	_____
Hedging Expense				\$0.00	\$0.00	_____
Other Marketing				\$0.00	\$0.00	_____
Subtotal of Marketing				\$18.71	\$4,678.42	_____

Total Animal Expense

\$503.65 \$125,911.42

Machinery and Equipment Expense:

Description	Unit	Quantity	Price Per Unit	Per Cow	Total Value	Your Value
Fuel and Lubrication	dol.	4,300	\$1.00	\$17.20	\$4,300.00	_____
Maint. and Repairs	dol.	2,200	\$1.00	\$8.80	\$2,200.00	_____
Equipment Leases	dol.	750	\$1.00	\$3.00	\$750.00	_____
Machine Hire	dol.	600	\$1.00	\$2.40	\$600.00	_____
Other Mach.& Equip.				\$0.00	\$0.00	_____
Total Machinery and Equipment Expense				\$31.40	\$7,850.00	_____

Labor Expense:

Description	Unit	Quantity	Price Per Unit	Per Cow	Total Value	Your Value
Wages	sal	0	\$0.00	\$0.00	\$0.00	_____
FICA	pct.	0	\$0.08	\$0.00	\$0.00	_____
Contract Labor	dol.	1800	\$1.00	\$7.20	\$1,800.00	_____
Professional Fees	dol.	680	\$1.00	\$2.72	\$680.00	_____
Workman's Comp	dol.	0	\$17.35	\$0.00	\$0.00	_____
Other Labor				\$0.00	\$0.00	_____
Total Labor Expense				\$9.92	\$2,480.00	_____

Land Expense:

Description	Unit	Quantity	Price Per Unit	Per Cow	Total Value	Your Value
Fert. & Chem.	acre	150	\$12.00	\$7.20	\$1,800.00	_____
Rents and Leases	aum	2,100	\$1.75	\$14.70	\$3,675.00	_____
M&R Land and Bldgs.	dol.	2,200	\$1.00	\$8.80	\$2,200.00	_____
Insur. (Bld, Mach., Lvst.)	dol.	4,923	\$1.00	\$19.69	\$4,923.00	_____
Other Land				\$0.00	\$0.00	_____
Total Land Expense				\$50.39	\$12,598.00	_____

Finance Expense:

Description	Unit	Quantity	Price Per Unit	Per Cow	Total Value	Your Value
Interest-Oper. Note	dol.	4,500	\$1.00	\$18.00	\$4,500.00	_____
Interest-Non Real Est.	dol.	2,000	\$1.00	\$8.00	\$2,000.00	_____
Interest-Real Est.	dol.	12,400	\$1.00	\$49.60	\$12,400.00	_____
Other Finance				\$0.00	\$0.00	_____
Total Finance Expense				\$75.60	\$18,900.00	_____

Non-Cash Operating Expense:

Description	Unit	Quantity	Price Per Unit	Per Cow	Total Value	Your Value
Depr. Bldg. & Equip	dol.	9,500	\$1.00	\$38.00	\$9,500.00	_____
Depr. on Bulls	dol.	2,500	\$1.00	\$10.00	\$2,500.00	_____
Other Depr.	dol.	0	\$0.00	\$0.00	\$0.00	_____
Other Non-Cash Expenses				\$0.00	\$0.00	_____
Total Non-Cash Operating Expense				\$48.00	\$12,000.00	_____