

Projections for Planning Purposes Only -- Not to be Used without Updating
2014 Estimated Costs and Returns per Breeding Female
Cow-Calf Enterprise - 100 Cows
Far West Extension District - 6

Breeding Females	100				Enterprise	
	Head	Quantity Per Head	Units	\$/Unit	Total	Total
REVENUE						
Steer	0.430	5.50	CWT	\$166.00	\$392.59	\$39,259.00
Heifer	0.270	5.00	CWT	\$153.00	\$206.55	\$20,655.00
Cull Cow	0.150	10.00	CWT	\$84.70	\$127.05	\$12,705.00
Cull Bull	0.040	20.00	CWT	\$87.30	\$69.84	\$6,984.00
Total Revenue					\$796.03	\$79,603.00

VARIABLE COSTS					Enterprise	
	Quantity	Units	\$/Unit	Total	Total	
Production Costs						
Miscellaneous						
Trucking	0.89	Head	\$9.50	\$8.46	\$845.50	
Marketing Expense	1.00	Head	\$17.97	\$17.97	\$1,796.50	
Feed						
12-12 Loose Mineral	4.17	Pound	\$0.53	\$2.21	\$221.01	
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20% Protein Cube	1.2	CWT	\$19.50	\$23.40	\$2,340.00	
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Vet. Medicine	1	Head	\$22.41	\$22.41	\$2,240.84	
Repairs	1	Head	\$44.57	\$44.57	\$4,457.00	
Labor	0.40	Hours	\$10.00	\$4.00	\$400.00	
Interest on Credit Line			6.50%	\$10.79	\$1,079.37	
Total Variable Costs				\$204.91	\$20,491.33	

Planned Returns Above Variable Costs: \$591.12 Enterprise
Average Steer-Heifer Breakeven Price to Cover Variable Costs \$2.16 CWT \$59,111.67

FIXED COSTS					Enterprise	
	Quantity	Units	\$/Unit	Total	Total	
Depreciation - Equipment	1	Head	\$35.22	\$35.22	\$3,522.42	
Depreciation - Livestock	1	Head	\$151.63	\$151.63	\$15,163.43	
Equipment Investment	\$352.24	dollars	6.50%	\$22.90	\$2,289.58	
Pasture Cost	1	Acres	\$147.00	\$147.00	\$14,700.00	
Total Fixed Costs				\$356.75	\$35,675.43	
Total Costs				\$561.67	\$56,166.76	
Planned Returns to Management, Risk, and Profit:				\$234.36	\$23,436.24	
Average Steer-Heifer Breakeven Price to Cover Total Costs			\$98.19 CWT			

Sensitivity Analysis for Example

Example Weaning Percent	Example			
	Gross Sales per Cow	Lbs of Beef Produced per Cow	Example Breakeven Calf Pay Weight to Cover Total Cost	Example Average Break Even Price to Cover Total Cost
91%	\$845.63	478	298	\$90.57
88%	\$820.46	462	310	\$94.26
85%	\$796.03	446	323	\$98.19
82%	\$770.12	431	338	\$102.61
79%	\$744.95	415	353	\$107.37

Example Steer Price \$166.00
Example Heifer Price \$153.00
Example Weighted Average Calf Price (\$/cwt) \$161.28

Developed by Rob Hogan, Associate Professor and Extension Economist, Texas A&M AgriLife Extension.

Information presented is prepared solely as a general guide and not intended to recognize or predict the costs and returns from any one operation. Brand names are mentioned only as examples and imply no endorsement.

Alternative supplemental feeding program for the cow-calf budget.

*Alternate # 1 (default)—less rain, shorter native grass—
This alternative is designed for supplemental feeding of cattle through the winter (Dec., Jan. and Feb.) when the grass is shorter. This alternative consists of 4 lb per day of 20% Range Cube.

= 30 days * 4 lb per day *
\$0.195 (price of 20% cube)
= \$23.40 per cow per month.

Alternative # 2—better rains, more native grass—This alternative is designed for supplemental feeding of cattle through the winter (Dec., Jan. and Feb.) when the grass is taller. It consists of 2 lb per day of 39% Range Cube.

= 30 days * 2 lb per day *
\$0.28 (price of 39 % cube)
= \$16.80 per cow per month.

Salt and mineral supplementation:
This consists of a 50 lb bag of 12-12-12 loose mineral per cow per year. The mineral costs \$26.70 per 50 lb bag.

= 26.70 / 12 = \$2.23 per cow per month

*Alternative # 1 is the default feeding program used by the budget. To change the budget to reflect feeding Dec., Jan., and Feb. at a rate of 2 lbs of 39% cubes per day, then subtract \$23.40 per cow per month and add \$16.80 per cow per month.