

Projections for Planning Purposes Only -- Not to be Used without Updating
2016 Estimated Costs and Returns per Animal Unit
Rolling Plains Cow-Calf Production - 400 Cows
Rolling Plains Extension District - 3

Animal Units (AU)	400						
Breeding Females	400						
		Quantity					Enterprise
REVENUE	Head	Per Head	Units	\$/Unit	Total		Total
Steer	0.415	5.56	CWT	\$216.00	\$498.40		\$199,359.36
Heifer	0.215	5.14	CWT	\$208.00	\$229.86		\$91,944.32
Cull Cow	0.150	10.25	CWT	\$87.00	\$133.76		\$53,505.00
Cull Bull	0.010	16.50	CWT	\$91.20	\$15.05		\$6,019.20
Total Revenue					\$877.07		\$350,827.88
							Enterprise
VARIABLE COSTS		Quantity	Units	\$/Unit	Total		Total
Production Costs							
Marketing Expense		1.00	AU	\$11.24	\$11.24		\$4,494.00
Feed							
Salt and Mineral		30	Pound	\$0.22	\$6.60		\$2,640.00
Supplement		500	Pound	\$0.18	\$90.00		\$36,000.00
Vet. Medicine							
Vet/Medicine - Cow-Calf		1	Head	\$32.00	\$32.00		\$12,800.00
Fuel		1.0	AU	\$36.81	\$36.81		\$14,725.56
Lube (As a % of fuel)		10.0%	Percent	\$36.81	\$3.68		\$1,472.56
Labor		0.50	Hours	\$15.00	\$7.50		\$3,000.00
Utilities		1.00	AU	\$10.00	\$10.00		\$4,000.00
Interest on Credit Line				6.00%	\$16.32		\$6,529.94
Total Variable Costs					\$214.16		\$85,662.05
Planned Returns Above Variable Costs:					\$662.91		\$265,165.83
Average Calf Breakeven Price to Cover Variable Costs				\$19.15	CWT		
							Enterprise
FIXED COSTS		Quantity	Units	\$/Unit	Total		Total
Depreciation - Equipment		1	AU	\$62.62	\$62.62		\$25,046.53
Depreciation - Livestock		1	AU	\$41.98	\$41.98		\$16,791.00
Equipment Investment		\$1,313.32	dollars	5.50%	\$72.23		\$28,892.99
Management Fee, Owner/Operator Labor		1	AU	\$112.50	\$112.50		\$45,000.00
Salaried Labor		1	AU	\$37.50	\$37.50		\$15,000.00
Pasture Cost		11.25	Acres	\$15.00	\$168.75		\$67,500.00
Total Fixed Costs					\$495.58		\$198,230.52
Total Costs					\$709.73		\$283,892.57
Planned Returns to Management, Risk, and Profit:					\$167.34		\$66,935.31
Average Calf Breakeven Price to Cover Total Costs				\$164.37	CWT		

Sensitivity Analysis for Example				
Example Weaning Percent	Example Gross Sales per Animal Unit	Pounds Produced per AU	Example Breakeven Calf Pay Weight to Cover Total Cost	Example Average Break Even Price to Cover Total Cost
89%	\$929.71	540	355	\$153.29
86%	\$903.39	528	370	\$158.64
83%	\$877.07	516	387	\$164.37
80%	\$850.75	503	404	\$170.54
77%	\$824.42	491	424	\$177.18

Example Male Calf Price	\$216.00
Example Female Calf Price	\$208.00
Example Weighted Average Calf Price (\$/cwt)	\$213.41

Developed by Stan Bevers, Professor and Extension Economist, Texas A&M AgriLife Extension Service.

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.