

Projections for Planning Purposes Only -- Not to be Used without Updating
2020 Estimated Costs and Returns per Animal Unit
Rolling Plains Cow-Calf Production
Rolling Plains Extension District - 3

Animal Units (AU)	400						
Breeding Females	400						
		Quantity					Enterprise
REVENUE	Head	Per Head	Units	\$/Unit	Total		Total
Steer	0.440	5.56	CWT	\$155.00	\$379.19		\$151,676.80
Heifer	0.240	5.14	CWT	\$145.00	\$178.87		\$71,548.80
Cull Cow	0.150	11.00	CWT	\$55.00	\$90.75		\$36,300.00
Cull Bull	0.009	16.50	CWT	\$60.00	\$8.91		\$3,564.00
Total Revenue					\$657.72		\$263,089.60
							Enterprise
VARIABLE COSTS		Quantity	Units	\$/Unit	Total		Total
Production Costs							
Marketing Expense		1.00	AU	\$14.00	\$14.00		\$5,598.99
Feed							
Supplement		500	Pound	\$0.20	\$98.00		\$39,200.00
Salt and Mineral		30	Pound	\$0.45	\$13.50		\$5,400.00
Vet. Medicine							
Vet/Medicine - Cow-Calf		1	Head	\$32.00	\$32.00		\$12,800.00
Fuel		1.0	AU	\$36.88	\$36.88		\$14,752.90
Lube (As a % of fuel)		10.0%	Percent	\$36.88	\$3.69		\$1,475.29
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				6.50%	\$18.05		\$7,220.41
Total Variable Costs					\$233.62		\$93,447.59
Planned Returns Above Variable Costs:					\$424.11		\$169,642.01
Average Calf Breakeven Price to Cover Variable Costs				\$36.40	CWT		
							Enterprise
FIXED COSTS		Quantity	Units	\$/Unit	Total		Total
Depreciation - Equipment		1	AU	\$124.85	\$124.85		\$49,938.20
Depreciation - Livestock		1	AU	\$62.97	\$62.97		\$25,186.50
Equipment Investment		\$1,332.07	dollars	5.50%	\$73.26		\$29,305.49
Management Fee, Owner/Operator Labor		1	AU	\$100.00	\$100.00		\$40,000.00
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					\$567.33		\$226,930.19
Total Costs					\$800.94		\$320,377.77
Planned Returns to Management, Risk, and Profit:					(\$143.22)		(\$57,288.17)
Average Calf Breakeven Price to Cover Total Costs				\$190.57	CWT		

Sensitivity Analysis for Example

Example Weaning Percent	Example Gross Sales per Animal Unit	Pounds Produced per Animal Unit	Example Breakeven Calf Pay Weight to Cover Total Cost	Example Average Breakeven Price to Cover Total Cost
94%	\$695.77	576	585	\$178.40
91%	\$676.75	564	608	\$184.28
88%	\$657.72	551	633	\$190.57
85%	\$638.70	539	661	\$197.29
82%	\$619.67	526	690	\$204.51

Example Male Calf Price	\$155.00
Example Female Calf Price	\$145.00
Example Weighted Average Calf Price (\$/cwt)	\$151.65

Developed by Extension Economists, Texas A&M AgriLife Extension Service, budgets@tamu.edu.

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.