

**Projections for Planning Purposes Only -- Not to be Used without Updating**  
**2018 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
<b>REVENUE</b>	Head	Per Head	Units	\$/Unit	Total		Total
Steer	0.415	5.56	CWT	\$140.00	\$323.04		\$129,214.40
Heifer	0.215	5.14	CWT	\$126.00	\$139.24		\$55,697.04
Cull Cow	0.150	10.25	CWT	\$45.00	\$69.19		\$27,675.00
Cull Bull	0.009	16.50	CWT	\$65.00	\$9.65		\$3,861.00
<b>Total Revenue</b>					<b>\$541.12</b>		<b>\$216,447.44</b>
							Enterprise
<b>VARIABLE COSTS</b>		Quantity	Units	\$/Unit	Total		Total
<b>Production Costs</b>							
Marketing Expense		1.00	AU	\$11.22	\$11.22		\$4,486.00
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	\$36.97	\$36.97		\$14,787.07
Lube (As a % of fuel)		10.0%	Percent	\$36.97	\$3.70		\$1,478.71
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%	\$16.90		\$6,759.40
<b>Total Variable Costs</b>					<b>\$229.78</b>		<b>\$91,911.18</b>
Planned Returns Above Variable Costs:					\$311.34		\$124,536.26
Average Calf Breakeven Price to Cover Variable Costs				\$44.23	CWT		
							Enterprise
<b>FIXED COSTS</b>		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
<b>Total Fixed Costs</b>					<b>\$495.58</b>		<b>\$198,230.52</b>
<b>Total Costs</b>					<b>\$725.35</b>		<b>\$290,141.70</b>
Planned Returns to Management, Risk, and Profit:					(\$184.24)		(\$73,694.26)
Average Calf Breakeven Price to Cover Total Costs				\$189.45	CWT		

<b>Sensitivity Analysis for Example</b>				
Example Weaning Percent	Example Gross Sales per Animal Unit	Pounds Produced per AU	Example Breakeven Calf Pay Weight to Cover Total Cost	Example Average Breakeven Price to Cover Total Cost
89%	\$574.54	538	645	\$176.68
86%	\$557.83	526	672	\$182.85
83%	\$541.12	513	702	\$189.45
80%	\$524.41	501	734	\$196.56
77%	\$507.70	489	770	\$204.22

Example Male Calf Price	\$140.00
Example Female Calf Price	\$126.00
Example Weighted Average Calf Price (\$/cwt)	\$135.47

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.**