

Projections for Planning Purposes Only -- Not to be Used without Updating

2015 Estimated Costs and Returns per Animal Unit

Cow-Calf Budget - 200 Cows

Panhandle Extension District - 1

Animal Units (AU)	200					
Breeding Females	200					
		Quantity				Enterprise
REVENUE	Head	Per Head	Units	\$/Unit	Total	Total
Steer	0.425	5.25	CWT	\$279.00	\$622.52	\$124,503.75
Heifer	0.230	4.75	CWT	\$275.00	\$300.44	\$60,087.50
Cull Cow	0.120	10.00	CWT	\$120.00	\$144.00	\$28,800.00
Cull Bull	0.010	18.00	CWT	\$135.00	\$24.30	\$4,860.00
Total Revenue					\$1,091.26	\$218,251.25
		Quantity	Units	\$/Unit	Total	Enterprise
VARIABLE COSTS						Total
Production Costs						
Miscellaneous						
Miscellaneous - Cow		1	AU	\$5.00	\$5.00	\$1,000.00
Marketing Expense		1.00	AU	\$25.34	\$25.34	\$5,067.00
Feed						
Hay Pound		280	Pound	\$0.05	\$14.00	\$2,800.00
Salt and Mineral		50	Pound	\$0.45	\$22.50	\$4,500.00
Supplement		350	Pound	\$0.17	\$59.50	\$11,900.00
Vet. Medicine						
Vet Medicine - Cow		1	AU	\$15.00	\$15.00	\$3,000.00
Fuel		1.0	AU	\$5.51	\$5.51	\$1,101.60
Lube (As a % of fuel)		10.0%	Percent	\$5.51	\$0.55	\$110.16
Repairs		1	AU	\$13.03	\$13.03	\$2,606.23
Labor		3.58	Hours	\$11.75	\$42.01	\$8,401.25
Interest on Credit Line				4.90%	\$10.45	\$2,089.13
Total Variable Costs					\$212.88	\$42,575.37
Planned Returns Above Variable Costs:					\$878.38	\$175,675.88
Average Offspring Breakeven Price to Cover Variable Costs				\$13.41	CWT	
		Quantity	Units	\$/Unit	Total	Enterprise
FIXED COSTS						Total
Depreciation - Equipment		1	AU	\$12.46	\$12.46	\$2,491.47
Depreciation - Livestock		1	AU	\$17.71	\$17.71	\$3,542.40
Equipment Investment		\$713.13	dollars	5.40%	\$38.51	\$7,701.75
Pasture Cost		25	Acres	\$6.50	\$162.50	\$32,500.00
Total Fixed Costs					\$231.18	\$46,235.62
Total Costs					\$444.05	\$88,810.98
Planned Returns to Management, Risk, and Profit:					\$647.20	\$129,440.27
Average Offspring Breakeven Price to Cover Total Costs				\$82.97	CWT	

Sensitivity Analysis for Example

Example Weaning Percent	Example Gross Sales per AU	Pounds Produced per AU	Example Breakeven Offspring Pay Weight to Cover Total Cost	Example Average Break Even Price to Cover Total Cost
91%	\$1,156.41	494	126	\$77.49
88%	\$1,123.83	482	131	\$80.14
85%	\$1,091.26	470	136	\$82.97
82%	\$1,058.68	459	142	\$86.00
79%	\$1,026.11	447	148	\$89.27

Example First Offspring Price	\$279.00
Example Second Offspring Price	\$275.00
Example Weighted Average Offspring Price (\$/cw)	\$277.69

Developed by Steve Amosson, Regents Fellow, 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.