

Projections for Planning Purposes Only -- Not to be Used without Updating
2013 Estimated Costs and Returns per Breeding Female
Cow-Calf Native Pasture - 40 Cows
North Texas Extension District - 4

Breeding Females	40					
REVENUE	Head	Quantity	Units	\$/Unit	Total	Enterprise Total
Steer	0.425	4.80	CWT	\$111.00	\$226.44	\$9,057.60
Heifer	0.325	4.50	CWT	\$110.00	\$160.88	\$6,435.00
Cull Cow	0.100	9.00	CWT	\$63.00	\$56.70	\$2,268.00
Cull Bull	0.000	0.00	CWT	\$0.00	\$0.00	\$0.00
Cull Older Replacements	0.000	0.00	CWT	\$0.00	\$0.00	\$0.00
Cull Younger Replacements	0.000	0.00	CWT	\$0.00	\$0.00	\$0.00
Total Revenue					\$444.02	\$17,760.60
VARIABLE COSTS		Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs						
Miscellaneous		1	Head	\$10.00	\$10.00	\$400.00
Bermuda Hay		5	Roll	\$75.00	\$375.00	\$15,000.00
Sales Commission - Cow		0.10	Head	\$12.50	\$1.25	\$50.00
Sales Commission - Calf		1	Head	\$35.00	\$35.00	\$1,400.00
Salt & Minerals		0.49	bag	\$10.00	\$4.90	\$196.00
Supplement		3	Pound	\$0.05	\$0.15	\$6.00
Vet. Medicine		1	Head	\$7.00	\$7.00	\$280.00
Fuel		1.0	Head	\$13.46	\$13.46	\$538.45
Lube (As a % of fuel)		10.0%	Percent	\$13.46	\$1.35	\$53.85
Repairs		1	Head	\$18.32	\$18.32	\$732.84
Labor		3.11	Hours	\$5.51	\$17.12	\$684.63
Hired Labor		5.40	Hours	\$5.00	\$27.00	\$1,080.00
Interest on Credit Line				4.75%	\$21.74	\$869.78
Total Variable Costs					\$532.29	\$21,291.55
Planned Returns Above Variable Costs:					(\$88.27)	(\$3,530.95)
Average Steer-Heifer Breakeven Price to Cover Variable Costs				\$135.79 CWT		
FIXED COSTS		Quantity	Units	\$/Unit	Total	Enterprise Total
Depreciation - Equipment		1	Head	\$28.21	\$28.21	\$1,128.56
Depreciation - Livestock		1	Head	\$14.98	\$14.98	\$599.33
Equipment Investment		\$1,104.70	dollars	6.00%	\$66.28	\$2,651.28
Insurance		1	Head	\$0.00	\$0.00	\$0.00
Native Pasture Rent		3.14	Acres	\$10.00	\$31.40	\$1,256.00
Other Fixed Costs		1	Head	\$0.00	\$0.00	\$0.00
Total Fixed Costs					\$140.88	\$5,635.17
Total Costs					\$673.17	\$26,926.72
Planned Returns to Management, Risk, and Profit:					(\$229.15)	(\$9,166.12)
Average Steer-Heifer Breakeven Price to Cover Total Costs				\$176.01 CWT		

Sensitivity Analysis

Weaning Percent	Gross Sales per Cow	Lbs of Beef Produced per Cow	Breakeven Calf Pay Weight to Cover Total Cost	Average Break Even Price to Cover Total Cost
91%	\$474.85	423	688	\$163.02
88%	\$459.43	409	715	\$169.27
85%	\$444.02	395	743	\$176.01
82%	\$428.60	381	774	\$183.31
79%	\$413.18	367	808	\$191.24

Steer Price	\$111.00
Heifer Price	\$110.00
Weighted Average Calf Price (\$/cwt)	\$110.58

Developed by Blake Bennet, Assistant 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.