

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

Breeding Females		40					Enterprise
REVENUE	Head	Quantity	Units	\$/Unit	Total	Total	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	Total	Enterprise
Production Costs							
Bermuda Hay		4	Roll	\$75.00	\$300.00		\$12,000.00
Miscellaneous		1	Head	\$10.00	\$10.00		\$400.00
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		1.5	Pound	\$0.05	\$0.08		\$3.00
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%	\$20.79		\$831.42
Total Variable Costs					\$456.25		\$18,250.19
Planned Returns Above Variable Costs:						(\$12.24)	(\$489.59)
Average Steer-Heifer Breakeven Price to Cover Variable Costs				\$114.08	CWT		
FIXED COSTS		Quantity	Units	\$/Unit	Total	Total	Enterprise
Depreciation - Equipment		1	Head	\$42.83	\$42.83		\$1,713.13
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
Bermuda Pasture Rent		2.14	Acres	\$40.00	\$85.60		\$3,424.00
Other Fixed Costs		1	Head	\$0.00	\$0.00		\$0.00
Total Fixed Costs					\$209.69		\$8,387.74
Total Costs					\$665.95		\$26,637.94
Planned Returns to Management, Risk, and Profit:						(\$221.93)	(\$8,877.34)
Average Steer-Heifer Breakeven Price to Cover Total Costs				\$173.95	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	680	\$161.11
88%	\$459.43	409	706	\$167.28
85%	\$444.02	395	735	\$173.95
82%	\$428.60	381	765	\$181.16
79%	\$413.18	367	798	\$189.00

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.