

Projections for Planning Purposes Only -- Not to be Used without Updating
2014 Estimated Costs and Returns per Breeding Female
Cow-Calf Native Pasture - 40 Cows
Central Texas Extension District - 8

Breeding Females		40				
REVENUE	Head	Quantity Per Head	Units	\$/Unit	Total	Enterprise Total
Steer	0.425	4.80	CWT	\$165.00	\$336.60	\$13,464.00
Heifer	0.275	4.50	CWT	\$158.00	\$195.53	\$7,821.00
Cull Cow	0.100	9.00	CWT	\$85.00	\$76.50	\$3,060.00
Cull Bull	0.000	0.00	CWT	\$100.00	\$0.00	\$0.00
Total Revenue					\$608.63	\$24,345.00
VARIABLE COSTS		Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs						
Marketing Expense		1.00	Head	\$8.65	\$8.65	\$345.80
Feed						
Salt & Mineral - Cow		0.49	CWT	\$15.00	\$7.35	\$294.00
Supplement - Cow		1.5	CWT	\$10.75	\$16.13	\$645.00
Bermuda Hay		4	Roll	\$70.00	\$280.00	\$11,200.00
Vet. Medicine		1	Head	\$7.00	\$7.00	\$280.00
Fuel		1.0	Head	\$15.53	\$15.53	\$621.27
Lube (As a % of fuel)		10.0%	Percent	\$15.53	\$1.55	\$62.13
Repairs		1	Head	\$5.96	\$5.96	\$238.48
Labor		8.51	Hours	\$5.19	\$44.12	\$1,764.63
Interest on Credit Line				4.75%	\$27.88	\$1,115.31
Total Variable Costs					\$414.17	\$16,566.62
Planned Returns Above Variable Costs:					\$194.46	\$7,778.38
Average Steer-Heifer Breakeven Price to Cover Variable Costs				\$103.03	CWT	
FIXED COSTS		Quantity	Units	\$/Unit	Total	Enterprise Total
Depreciation - Equipment		1	Head	\$41.89	\$41.89	\$1,675.44
Depreciation - Livestock		1	Head	\$14.98	\$14.98	\$599.33
Equipment Investment		\$1,355.21	dollars	6.00%	\$81.31	\$3,252.51
Pasture Cost		12	Acres	\$20.00	\$240.00	\$9,600.00
Total Fixed Costs					\$378.18	\$15,127.28
Total Costs					\$792.35	\$31,693.90
Planned Returns to Management, Risk, and Profit:					(\$183.72)	(\$7,348.90)
Average Steer-Heifer Breakeven Price to Cover Total Costs				\$218.41	CWT	

Sensitivity Analysis for Example				
Example Weaning Percent	Example Gross Sales per Cow	Example Lbs of Beef Produced per Cow	Example Breakeven Calf Pay Weight to Cover Total Cost	Example Average Break Even Price to Cover Total Cost
91%	\$689.27	423	544	\$189.30
88%	\$666.72	409	565	\$196.55
85%	\$608.63	395	588	\$218.41
82%	\$621.63	381	612	\$212.86
79%	\$599.09	367	639	\$222.07

Example Steer Price	\$165.00
Example Heifer Price	\$158.00
Example Weighted Average Calf Price (\$/cwt)	\$162.36

Developed by Jason Johnson, Associate 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.