

**Projections for Planning Purposes Only -- *Not to be Used without Updating***  
**2014 Estimated Costs and Returns per Breeding Female**  
**Cow-Calf Improved 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
<b>Total Revenue</b>					<b>\$608.63</b>	<b>\$24,345.00</b>
VARIABLE COSTS		Quantity	Units	\$/Unit	Total	Enterprise Total
<b>Production Costs</b>						
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
Bermuda Pasture Costs		6	Acre	\$40.00	\$240.00	\$9,600.00
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%	\$29.65	\$1,185.89
<b>Total Variable Costs</b>					<b>\$655.93</b>	<b>\$26,237.20</b>
Planned Returns Above Variable Costs:					<b>(\$47.31)</b>	<b>(\$1,892.20)</b>
Average Steer-Heifer Breakeven Price to Cover Variable Costs				\$176.79	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		6	Acres	\$20.00	\$120.00	\$4,800.00
<b>Total Fixed Costs</b>					<b>\$258.18</b>	<b>\$10,327.28</b>
<b>Total Costs</b>					<b>\$914.11</b>	<b>\$36,564.48</b>
Planned Returns to Management, Risk, and Profit:					<b>(\$305.49)</b>	<b>(\$12,219.48)</b>
Average Steer-Heifer Breakeven Price to Cover Total Costs				\$255.56	CWT	

<b>Sensitivity Analysis for Example</b>				
Example Weaning Percent	Example Gross Sales per Cow	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	637	\$221.50
88%	\$666.72	409	661	\$229.99
85%	\$608.63	395	688	\$255.56
82%	\$621.63	381	717	\$249.07
79%	\$599.09	367	748	\$259.85

  

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.**