

**Projections for Planning Purposes Only -- Not to be Used without Updating**  
**2015 Estimated Costs and Returns per Animal Unit**  
**Cow-Calf Improved Pasture - 40 Cows**  
**Central Texas Extension District - 8**

Animal Units (AU)	40					
Breeding Females	40					
<b>REVENUE</b>	<b>Head</b>	<b>Quantity Per Head</b>	<b>Units</b>	<b>\$/Unit</b>	<b>Total</b>	<b>Enterprise Total</b>
Steer	0.425	4.80	CWT	\$285.00	\$581.40	\$23,256.00
Heifer	0.275	4.50	CWT	\$275.00	\$340.31	\$13,612.50
Cull Cow	0.100	9.00	CWT	\$115.00	\$103.50	\$4,140.00
Cull Bull	0.010	16.00	CWT	\$130.00	\$20.80	\$832.00
<b>Total Revenue</b>					<b>\$1,046.01</b>	<b>\$41,840.50</b>
<b>VARIABLE COSTS</b>		<b>Quantity</b>	<b>Units</b>	<b>\$/Unit</b>	<b>Total</b>	<b>Enterprise Total</b>
<b>Production Costs</b>						
Marketing Expense		1.00	AU	\$8.77	\$8.77	\$350.70
<b>Feed</b>						
Salt & Mineral - Cow		30	Pound	\$0.20	\$6.00	\$240.00
Supplement - Cow		500	Pound	\$0.20	\$100.00	\$4,000.00
Bermuda Hay		2	Roll	\$70.00	\$140.00	\$5,600.00
Bermuda Pasture Costs		6	Acre	\$40.00	\$240.00	\$9,600.00
<b>Vet. Medicine</b>						
Vet. Medicine - Cow		1	Head	\$7.00	\$7.00	\$280.00
Fuel		1.0	AU	\$15.53	\$15.53	\$621.27
Lube (As a % of fuel)		10.0%	Percent	\$15.53	\$1.55	\$62.13
Repairs		1	AU	\$5.96	\$5.96	\$238.40
Labor		8.51	Hours	\$5.19	\$44.13	\$1,765.00
Interest on Credit Line				4.75%	\$27.44	\$1,097.44
<b>Total Variable Costs</b>					<b>\$596.37</b>	<b>\$23,854.94</b>
<b>Planned Returns Above Variable Costs:</b>					\$449.64	\$17,985.56
Average Offspring Breakeven Price to Cover Variable Costs				\$144.03	CWT	
<b>FIXED COSTS</b>		<b>Quantity</b>	<b>Units</b>	<b>\$/Unit</b>	<b>Total</b>	<b>Enterprise Total</b>
Depreciation - Equipment		1	AU	\$41.89	\$41.89	\$1,675.44
Depreciation - Livestock		1	AU	\$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>\$854.56</b>	<b>\$34,182.22</b>
<b>Planned Returns to Management, Risk, and Profit:</b>					\$191.46	\$7,658.28
Average Offspring Breakeven Price to Cover Total Costs				\$222.81	CWT	

**Sensitivity Analysis for Example**

Example Weaning Percent	Example Gross Sales per AU	Pounds Produced per AU	Example Breakeven Calf Pay Weight to Cover Total Cost	Example Average Break Even Price to Cover Total Cost
91%	\$1,111.07	457	321	\$208.12
88%	\$1,078.54	445	333	\$215.21
85%	\$1,046.01	434	346	\$222.81
82%	\$1,013.48	422	361	\$230.96
79%	\$980.95	411	376	\$239.73

Example Male Calf Price	\$285.00
Example Female Calf Price	\$275.00
Example Weighted Average Calf Price (\$/cwt)	\$281.22

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.**