

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
North Texas Extension District - 4

| Breeding Females | | 40 | | | | |
|--|-------|----------------------|---------|----------|------------------|---------------------|
| REVENUE | Head | Quantity Per Head | Units | \$/Unit | Total | Enterprise Total |
| Steer | 0.425 | 4.80 | CWT | \$160.00 | \$326.40 | \$13,056.00 |
| Heifer | 0.325 | 4.50 | CWT | \$153.00 | \$223.76 | \$8,950.50 |
| Cull Cow | 0.100 | 9.00 | CWT | \$83.00 | \$74.70 | \$2,988.00 |
| Cull Bull | 0.000 | 18.00 | CWT | \$97.00 | \$0.00 | \$0.00 |
| Total Revenue | | | | | \$624.86 | \$24,994.50 |
| VARIABLE COSTS | | Quantity | Units | \$/Unit | Total | Enterprise Total |
| Production Costs | | | | | | |
| Miscellaneous | | | | | | |
| Miscellaneous - Cow | | 1 | Head | \$10.00 | \$10.00 | \$400.00 |
| Marketing Expense | | 1.00 | Head | \$28.35 | \$28.35 | \$1,134.00 |
| Feed | | | | | | |
| Salt & Minerals -Cows | | 0.49 | Bag | \$12.00 | \$5.88 | \$235.20 |
| Bermuda Hay | | 4 | Roll | \$75.00 | \$300.00 | \$12,000.00 |
| 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 | \$18.17 | \$18.17 | \$726.87 |
| Labor | | 8.51 | Hours | \$5.19 | \$44.12 | \$1,764.63 |
| Interest on Credit Line | | | | 4.75% | \$19.37 | \$774.94 |
| Total Variable Costs | | | | | \$447.77 | \$17,910.93 |
| Planned Returns Above Variable Costs: | | | | | \$177.09 | \$7,083.57 |
| Average Steer-Heifer Breakeven Price to Cover Variable Costs | | | | \$106.52 | CWT | |
| FIXED COSTS | | Quantity | Units | \$/Unit | Total | Enterprise Total |
| Depreciation - Equipment | | 1 | Head | \$27.99 | \$27.99 | \$1,119.50 |
| Depreciation - Livestock | | 1 | Head | \$14.98 | \$14.98 | \$599.33 |
| Equipment Investment | | \$1,101.08 | dollars | 6.00% | \$66.06 | \$2,642.58 |
| Native Pasture Rent | | 2.14 | Acres | \$40.00 | \$85.60 | \$3,424.00 |
| Total Fixed Costs | | | | | \$194.64 | \$7,785.41 |
| Total Costs | | | | | \$642.41 | \$25,696.34 |
| Planned Returns to Management, Risk, and Profit: | | | | | (\$17.55) | (\$701.84) |
| Average Steer-Heifer Breakeven Price to Cover Total Costs | | | | \$162.09 | CWT | |

Sensitivity Analysis for Example

| Example Weaning Percent | ExampleG ross 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% | \$668.56 | 423 | 446 | \$150.13 |
| 88% | \$646.71 | 409 | 463 | \$155.88 |
| 85% | \$624.86 | 395 | 482 | \$162.09 |
| 82% | \$603.02 | 381 | 502 | \$168.81 |
| 79% | \$581.17 | 367 | 524 | \$176.12 |

| | |
|--|----------|
| Example Steer Price | \$160.00 |
| Example Heifer Price | \$153.00 |
| Example Weighted Average Calf Price (\$/cwt) | \$157.08 |

Developed by Blake Bennet, Associate 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. Brand names are mentioned only as examples and imply no endorsement.