

Projections for Planning Purposes Only -- *Not to be Used without Updating*
2020 Estimated Costs and Returns per Animal Unit
Cow-Calf Budget
Panhandle Extension District - 1

| | | | | | | |
|--|-------------|--------------------------|--------------|----------------|-----------------|-------------------------|
| Animal Units (AU) | 200 | | | | | |
| Breeding Females | 200 | | | | | |
| REVENUE | Head | Quantity Per Head | Units | \$/Unit | Total | Enterprise Total |
| Steer | 0.425 | 5.25 | CWT | \$155.00 | \$345.84 | \$69,168.75 |
| Heifer | 0.230 | 4.75 | CWT | \$145.00 | \$158.41 | \$31,682.50 |
| Cull Cow | 0.120 | 10.00 | CWT | \$45.00 | \$54.00 | \$10,800.00 |
| Cull Bull | 0.008 | 18.00 | CWT | \$65.00 | \$9.36 | \$1,872.00 |
| Total Revenue | | | | | \$567.62 | \$113,523.25 |
| VARIABLE COSTS | | Quantity | Units | \$/Unit | Total | Enterprise Total |
| Production Costs | | | | | | |
| Miscellaneous | | | | | | |
| Miscellaneous - Cow | | 1 | AU | \$5.00 | \$5.00 | \$1,000.00 |
| Marketing Expense | | 1.00 | AU | \$25.31 | \$25.31 | \$5,061.60 |
| Feed | | | | | | |
| Supplement | | 350 | Pound | \$0.17 | \$59.98 | \$11,995.37 |
| Hay Pound | | 280 | Pound | \$0.07 | \$19.60 | \$3,920.00 |
| Mineral | | 50 | Pound | \$0.43 | \$21.52 | \$4,304.51 |
| Vet. Medicine | | | | | | |
| Vet Medicine - Cow | | 1 | AU | \$25.00 | \$25.00 | \$5,000.00 |
| Fuel | | 1.0 | AU | \$4.77 | \$4.77 | \$954.16 |
| Lube (As a % of fuel) | | 10.0% | Percent | \$4.77 | \$0.48 | \$95.42 |
| Repairs | | 1 | AU | \$13.03 | \$13.03 | \$2,606.23 |
| Labor | | 3.72 | Hours | \$12.89 | \$47.95 | \$9,590.16 |
| Interest on Credit Line | | | | 6.25% | \$13.87 | \$2,773.23 |
| Total Variable Costs | | | | | \$236.50 | \$47,300.68 |
| Planned Returns Above Variable Costs: | | | | | \$331.11 | \$66,222.57 |
| Average Calf Breakeven Price to Cover Variable Costs | | | | \$52.09 | CWT | |
| FIXED COSTS | | Quantity | Units | \$/Unit | Total | Enterprise Total |
| Depreciation - Equipment | | 1 | AU | \$12.46 | \$12.46 | \$2,491.47 |
| Depreciation - Livestock | | 1 | AU | \$17.71 | \$17.71 | \$3,542.40 |
| Equipment Investment | | \$566.64 | dollars | 6.25% | \$35.42 | \$7,083.00 |
| Pasture Cost | | 25 | Acres | \$9.00 | \$225.00 | \$45,000.00 |
| Total Fixed Costs | | | | | \$290.58 | \$58,116.87 |
| Total Costs | | | | | \$527.09 | \$105,417.55 |
| Planned Returns to Management, Risk, and Profit: | | | | | \$40.53 | \$8,105.70 |
| Average Calf Breakeven Price to Cover Total Costs | | | | \$139.52 | CWT | |

| Sensitivity Analysis for Example | | | | |
|---|--|---------------------------------|---|---|
| Example Weaning Percent | Example Gross Sales per Animal Unit | Pounds Produced per Animal Unit | Example Breakeven Calf Pay Weight to Cover Total Cost | Example Average Breakeven Price to Cover Total Cost |
| 91% | \$603.21 | 490 | 387 | \$130.32 |
| 88% | \$585.41 | 479 | 402 | \$134.76 |
| 85% | \$567.62 | 467 | 419 | \$139.52 |
| 82% | \$549.82 | 455 | 437 | \$144.62 |
| 79% | \$532.02 | 443 | 456 | \$150.12 |
| | Example Male Calf Price | | | \$155.00 |
| | Example Female Calf Price | | | \$145.00 |
| | Example Weighted Average Calf Price (\$/cwt) | | | \$151.71 |

Developed by Justin Benavidez, Assistant Professor, Texas A&M AgriLife Extension, 806-677-5600.

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.