

Projections for Planning Purposes Only -- Not to be Used without Updating
2019 Estimated Costs and Returns per Animal Unit
Cow-Calf Native Pasture
North Texas Extension District - 4

Animal Units (AU) 40
Breeding Females 40

| REVENUE | Head | Quantity | | Units | \$/Unit | Total | Enterprise |
|----------------------|-------|----------|-----|----------|-----------------|--------------------|------------|
| | | Per Head | | | | | Total |
| Steer | 0.425 | 4.80 | CWT | \$140.00 | \$285.60 | \$11,424.00 | |
| Heifer | 0.325 | 4.50 | CWT | \$126.00 | \$184.28 | \$7,371.00 | |
| Cull Cow | 0.100 | 9.00 | CWT | \$45.00 | \$40.50 | \$1,620.00 | |
| Cull Bull | 0.000 | 18.00 | CWT | \$65.00 | \$0.00 | \$0.00 | |
| Total Revenue | | | | | \$510.38 | \$20,415.00 | |

| 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 | AU | \$40.00 | \$40.00 | \$1,599.87 |
| Feed | | | | | |
| Supplement | 100 | Pound | \$0.17 | \$17.00 | \$680.00 |
| Salt & Minerals -Cows | 1 | Bag | \$16.00 | \$16.00 | \$640.00 |
| Bermuda Hay | 5 | Roll | \$50.00 | \$250.00 | \$10,000.00 |
| Vet. Medicine | | | | | |
| Vet. Medicine - Cow | 1 | Head | \$25.00 | \$25.00 | \$1,000.00 |
| Fuel | 1.0 | AU | \$10.04 | \$10.04 | \$401.75 |
| Lube (As a % of fuel) | 10.0% | Percent | \$10.04 | \$1.00 | \$40.18 |
| Repairs | 1 | AU | \$18.17 | \$18.17 | \$726.87 |
| Labor | 8.51 | Hours | \$10.00 | \$85.08 | \$3,403.20 |
| Interest on Credit Line | | | 4.75% | \$17.50 | \$700.15 |
| Total Variable Costs | | | | \$489.80 | \$19,592.01 |

Planned Returns Above Variable Costs: \$20.57 \$822.99
Average Calf Breakeven Price to Cover Variable Costs \$128.28 CWT

| FIXED COSTS | Quantity | Units | \$/Unit | Total | Enterprise Total |
|---|----------|---------|--------------|-------------------|---------------------|
| Depreciation - Equipment | 1 | AU | \$27.99 | \$27.99 | \$1,119.50 |
| Depreciation - Livestock | 1 | AU | \$14.98 | \$14.98 | \$599.33 |
| Equipment Investment | \$876.16 | dollars | 6.00% | \$52.57 | \$2,102.78 |
| Pasture Cost | 3.14 | Acres | \$12.00 | \$37.68 | \$1,507.20 |
| Total Fixed Costs | | | | \$133.22 | \$5,328.81 |
| Total Costs | | | | \$623.02 | \$24,920.82 |
| Planned Returns to Management, Risk, and Profit: | | | | (\$112.65) | (\$4,505.82) |
| Average Calf Breakeven Price to Cover Total Costs | | | \$166.32 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% | \$543.54 | 465 | 536 | \$155.35 |
| 88% | \$526.96 | 453 | 557 | \$160.65 |
| 85% | \$510.38 | 440 | 579 | \$166.32 |
| 82% | \$493.79 | 428 | 603 | \$172.40 |
| 79% | \$477.21 | 416 | 629 | \$178.95 |

Example Male Calf Price \$140.00
Example Female Calf Price \$126.00
Example Weighted Average Calf Price (\$/cwt) \$134.15

Developed by Blake Bennet, Associate Professor and Extension Economist, Texas A&M AgriLife Extension Service, 972-952-9273.

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.