

Projections for Planning Purposes Only -- Not to be Used without Updating
2020 Estimated Costs and Returns per Animal
Stockers on Native Pasture
Central Texas Extension District - 8

| Number of Head | 320 | Pay Weight | Units | \$/Unit | Total | Enterprise Total |
|--|-------|------------|---------|----------|----------|------------------|
| REVENUE | Head | or Amount | | | | |
| Stocker | 0.980 | 7.30 | CWT | \$132.00 | \$944.33 | \$302,184.96 |
| Total Revenue | | | | | \$944.33 | \$302,184.96 |
| VARIABLE COSTS | | Quantity | Units | \$/Unit | Total | Enterprise Total |
| Production Costs | | | | | | |
| Stocker Purchase | | 4.00 | CWT | \$180.00 | \$720.00 | \$230,400.00 |
| Grazing | | | | | | |
| Acre Lease | | 5.00 | Acre | \$12.00 | \$60.00 | \$19,200.00 |
| Health | | | | | | |
| Vet. Medicine - Stocker | | 1 | Head | \$10.00 | \$10.00 | \$3,200.00 |
| Feed | | | | | | |
| Bermuda Hay Bale | | 4 | Bale | \$10.00 | \$40.00 | \$12,800.00 |
| Mineral - Stocker | | 0.263 | CWT | \$15.00 | \$3.95 | \$1,262.40 |
| Supplement - Stocker | | 0.75 | CWT | \$10.75 | \$8.06 | \$2,580.00 |
| Miscellaneous | | | | | | |
| Miscellaneous | | 1 | Head | \$4.00 | \$4.00 | \$1,280.00 |
| Fuel | | 1 | Head | \$3.94 | \$3.94 | \$1,261.63 |
| Lube (As a % of fuel) | | 10.0% | Percent | \$3.94 | \$0.39 | \$126.16 |
| Repairs | | 1 | Head | \$0.96 | \$0.96 | \$307.20 |
| Marketing | | 0.980 | Head | \$14.60 | \$14.31 | \$4,578.56 |
| Labor | | 1 | Head | \$15.83 | \$15.83 | \$5,066.28 |
| Interest on Credit Line | | | | 4.75% | \$13.77 | \$4,405.08 |
| Total Variable Costs | | | | | \$895.21 | \$286,467.30 |
| Planned Returns Above Variable Costs: | | | | | \$49.12 | \$15,717.66 |
| Breakeven Price to Cover Variable Costs | | | | \$125.13 | CWT | |
| FIXED COSTS | | Quantity | Units | \$/Unit | Total | Enterprise Total |
| Depreciation | | 1 | Head | \$15.50 | \$15.50 | \$4,960.91 |
| Equipment Investment | | \$258.01 | dollars | 6.00% | \$15.48 | \$4,953.72 |
| Total Fixed Costs | | | | | \$30.98 | \$9,914.63 |
| Total Costs | | | | | \$926.19 | \$296,381.94 |
| Planned Returns to Management, Risk, and Profit: | | | | | \$18.13 | \$5,803.02 |
| Breakeven Price to Cover Total Costs | | | | \$129.47 | CWT | |

| Example Break Even Sensitivity Analysis | | | |
|---|----------------|----------------------------------|------------------------------|
| | Net Pay Weight | Purchase Weight (Lbs/Hd): 400 | |
| | | Sales Price/Cwt 132.00 | Purchase Price/Cwt 180.00 |
| ADG (Lbs/day) | with Shrink | B/E Purchase Price (\$/CWT) | B/E Sales Price (\$/CWT) |
| 3.10 | 778 | \$200.21 | \$121.40 |
| 2.84 | 747 | \$190.01 | \$126.53 |
| 2.59 | 730 | \$184.53 | \$129.47 |
| 2.33 | 684 | \$169.61 | \$138.20 |
| 2.07 | 652 | \$159.41 | \$144.88 |

Developed by Jason Johnson, Associate Professor and Extension Economist, Texas A&M AgriLife Extension, 254-968-4144.

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.