

Projections for Planning Purposes Only -- Not to be Used without Updating
2018 Estimated Costs and Returns per Animal Unit
Cow-Calf Improved Pasture
North Texas Extension District - 4

Animal Units (AU) 40
 Breeding Females 40

REVENUE	Head	Quantity Per Head	Units	\$/Unit	Total	Enterprise 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	60	Pound	\$0.17	\$10.20	\$408.00
Salt & Minerals -Cows	1	Bag	\$16.00	\$16.00	\$640.00
Bermuda Hay	2.5	Roll	\$50.00	\$125.00	\$5,000.00
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%	\$14.17	\$566.60
Total Variable Costs				\$354.66	\$14,186.46

Planned Returns Above Variable Costs: \$155.71 \$6,228.54
 Average Calf Breakeven Price to Cover Variable Costs \$89.70 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	2.14	Acres	\$40.00	\$85.60	\$3,424.00
Total Fixed Costs				\$181.14	\$7,245.61
Total Costs				\$535.80	\$21,432.07
Planned Returns to Management, Risk, and Profit:				(\$25.43)	(\$1,017.07)
Average Calf Breakeven Price to Cover Total Costs			\$141.41	CWT	

Sensitivity Analysis for Example				
Example Weaning Percent	Example Gross Sales per Animal Unit	Pounds Produced per AU	Example Breakeven Calf Pay Weight to Cover Total Cost	Example Average Breakeven Price to Cover Total Cost
91%	\$543.54	465	456	\$132.09
88%	\$526.96	453	473	\$136.59
85%	\$510.38	440	492	\$141.41
82%	\$493.79	428	513	\$146.59
79%	\$477.21	416	535	\$152.15

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.