

Projections for Planning Purposes Only -- Not to be Used without Updating
2020 Estimated Costs and Returns per Animal Unit
Cow-Calf Improved Pasture
North Texas Extension District - 4

Animal Units (AU)	40					
Breeding Females	40					
		Quantity				Enterprise
REVENUE	Head	Per Head	Units	\$/Unit	Total	Total
Steer	0.425	4.80	CWT	\$155.00	\$316.20	\$12,648.00
Heifer	0.325	4.50	CWT	\$145.00	\$212.06	\$8,482.50
Cull Cow	0.100	9.00	CWT	\$50.00	\$45.00	\$1,800.00
Cull Bull	0.000	18.00	CWT	\$65.00	\$0.00	\$0.00
Total Revenue					\$573.26	\$22,930.50
		Quantity	Units	\$/Unit	Total	Enterprise
VARIABLE COSTS						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:					\$218.60	\$8,744.04
Average Calf Breakeven Price to Cover Variable Costs				\$88.41	CWT	
		Quantity	Units	\$/Unit	Total	Enterprise
FIXED COSTS						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:					\$37.46	\$1,498.43
Average Calf Breakeven Price to Cover Total Costs				\$140.13	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%	\$610.55	465	402	\$130.89
88%	\$591.91	453	417	\$135.35
85%	\$573.26	440	434	\$140.13
82%	\$554.62	428	452	\$145.26
79%	\$535.97	416	472	\$150.77
	Example Male Calf Price			\$155.00
	Example Female Calf Price			\$145.00
	Example Weighted Average Calf Price (\$/cwt)			\$150.82

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.