

Projections for Planning Purposes Only -- *Not to be Used without Updating*
2020 Estimated Costs and Returns per Acre
Coastal Bermudagrass Pasture
North Texas Extension District - 4

Crop Acres		100			
REVENUE	Quantity	Units	\$/Unit	Total	Enterprise Total
Bermuda Grazing	5.36	AUM	\$22.00	\$117.92	\$11,792.00
Total Revenue				\$117.92	\$11,792.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs					
Fertilizer					
18-46-0	100	Pounds	\$0.36	\$36.00	\$3,600.00
34-0-0	200	Pounds	\$0.35	\$70.00	\$7,000.00
Herbicide					
Pre-Emerge Bermuda Graze	1	Acre	\$7.50	\$7.50	\$750.00
Machinery Labor					
Tractors/Self-Propelled	0.12	Hour	\$10.00	\$1.20	\$120.00
Diesel Fuel					
Tractors/Self-Propelled	0.61	Gallon	\$2.50	\$1.53	\$152.50
Repairs & Maintenance					
Tractors/Self-Propelled	1	Acre	\$0.96	\$0.96	\$95.64
Implements	1	Acre	\$1.80	\$1.80	\$180.48
Interest on Credit Line			4.75%	\$1.59	\$158.99
Total Variable Costs				\$120.58	\$12,057.61
Planned Returns Above Variable Costs:				(\$2.66)	(\$265.61)
Breakeven Price to Cover Variable Costs			\$22.50	AUM	
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Machinery Depreciation					
Tractors/Self-Propelled	1	Acre	\$0.91	\$0.91	\$90.75
Implements	1	Acre	\$1.48	\$1.48	\$147.92
Equipment Investment					
Tractors/Self-Propelled	\$7.07	Dollars	6.00%	\$0.42	\$42.42
Implements	\$15.53	Dollars	6.00%	\$0.93	\$93.19
Rent-Coastal	1	Acre	\$12.00	\$12.00	\$1,200.00
Total Fixed Costs				\$15.74	\$1,574.27
Total Specified Costs				\$136.32	\$13,631.88
Returns Above Specified Costs				(\$18.40)	(\$1,839.88)
Breakeven Price to Cover Total Costs			\$25.43	AUM	

Example Breakeven Prices			
Example Yield Percent	Example Yield AUM	To Cover Variable Costs	To Cover Total Costs
75%	4.02	\$29.99	\$33.91
90%	4.82	\$25.00	\$28.26
100%	5.36	\$22.50	\$25.43
110%	5.90	\$20.45	\$23.12
125%	6.70	\$18.00	\$20.35

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.