

Projections for Planning Purposes Only -- *Not to be Used without Updating*
2018 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	\$10.00	\$53.60	\$5,360.00
Total Revenue				\$53.60	\$5,360.00
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	\$0.98	\$0.98	\$97.59
Implements	1	Acre	\$1.64	\$1.64	\$163.64
Interest on Credit Line			4.75%	\$1.59	\$158.63
Total Variable Costs				\$120.42	\$12,042.36
Planned Returns Above Variable Costs:					
Breakeven Price to Cover Variable Costs				\$22.47	AUM
				(\$66.82)	(\$6,682.36)
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Machinery Depreciation					
Tractors/Self-Propelled	1	Acre	\$0.93	\$0.93	\$92.50
Implements	1	Acre	\$1.34	\$1.34	\$133.87
Equipment Investment					
Tractors/Self-Propelled	\$7.21	Dollars	6.00%	\$0.43	\$43.24
Implements	\$14.06	Dollars	6.00%	\$0.84	\$84.34
Rent-Coastal	1	Acre	\$12.00	\$12.00	\$1,200.00
Total Fixed Costs				\$15.54	\$1,553.96
Total Specified Costs				\$135.96	\$13,596.32
Returns Above Specified Costs					
				(\$82.36)	(\$8,236.32)
Breakeven Price to Cover Total Costs				\$25.37	AUM

Example Breakeven Prices			
Example Yield Percent	Example Yield AUM	To Cover Variable Costs	To Cover Total Costs
75%	4.02	\$29.96	\$33.82
90%	4.82	\$24.96	\$28.18
100%	5.36	\$22.47	\$25.37
110%	5.90	\$20.42	\$23.06
125%	6.70	\$17.97	\$20.29

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.