

Projections for Planning Purposes Only -- Not to be Used without Updating
2019 Estimated Costs and Returns per Acre
Coastal Bermudagrass Pasture
North Texas Extension District - 4

Crop Acres		100				Enterprise
REVENUE	Quantity	Units	\$/Unit	Total	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	
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	\$96.26	
Implements	1	Acre	\$1.52	\$1.52	\$151.81	
Interest on Credit Line			4.75%	\$1.58	\$158.32	
Total Variable Costs				\$120.29	\$12,028.89	
Planned Returns Above Variable Costs:					(\$66.69)	(\$6,668.89)
Breakeven Price to Cover Variable Costs			\$22.44	AUM		
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise	
Machinery Depreciation						
Tractors/Self-Propelled	1	Acre	\$0.91	\$0.91	\$90.76	
Implements	1	Acre	\$1.24	\$1.24	\$124.02	
Equipment Investment						
Tractors/Self-Propelled	\$7.07	Dollars	6.00%	\$0.42	\$42.42	
Implements	\$13.02	Dollars	6.00%	\$0.78	\$78.13	
Rent-Coastal	1	Acre	\$12.00	\$12.00	\$1,200.00	
Total Fixed Costs				\$15.35	\$1,535.33	
Total Specified Costs				\$135.64	\$13,564.23	
Returns Above Specified Costs					(\$82.04)	(\$8,204.23)
Breakeven Price to Cover Total Costs			\$25.31	AUM		

Example Breakeven Prices			
Example Yield Percent	Example Yield AUM	To Cover Variable Costs	To Cover Total Costs
75%	4.02	\$29.92	\$33.74
90%	4.82	\$24.94	\$28.12
100%	5.36	\$22.44	\$25.31
110%	5.90	\$20.40	\$23.01
125%	6.70	\$17.95	\$20.25

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.