

Projections for Planning Purposes Only -- Not to be Used without Updating
2017 Estimated Costs and Returns per Acre
Coastal Bermudagrass Pasture - 100 Acres
North Texas Extension District - 4

Crop Acres		100			
				Total	Enterprise Total
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					
				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	\$3.50	\$2.14	\$213.50
Repairs & Maintenance					
Tractors/Self-Propelled	1	Acre	\$1.03	\$1.03	\$102.70
Implements	1	Acre	\$1.04	\$1.04	\$104.45
Interest on Credit Line					
			4.75%	\$1.57	\$156.51
Total Variable Costs				\$120.47	\$12,047.16
Planned Returns Above Variable Costs:				(\$66.87)	(\$6,687.16)
Breakeven Price to Cover Variable Costs			\$22.48	AUM	
FIXED COSTS					
				Total	Enterprise Total
Machinery Depreciation					
Tractors/Self-Propelled	1	Acre	\$0.97	\$0.97	\$97.17
Implements	1	Acre	\$0.85	\$0.85	\$84.55
Equipment Investment					
Tractors/Self-Propelled	\$7.57	Dollars	6.00%	\$0.45	\$45.42
Implements	\$8.88	Dollars	6.00%	\$0.53	\$53.27
Rent-Coastal					
	1	Acre	\$12.00	\$12.00	\$1,200.00
Total Fixed Costs				\$14.80	\$1,480.41
Total Specified Costs				\$135.28	\$13,527.57
Returns Above Specified Costs				(\$81.68)	(\$8,167.57)
Breakeven Price to Cover Total Costs			\$25.24	AUM	

Example Breakeven Prices			
Example Yield Percent	Example Yield AUM	To Cover Variable Costs	To Cover Total Costs
75%	4.02	\$29.97	\$33.65
90%	4.82	\$24.97	\$28.04
100%	5.36	\$22.48	\$25.24
110%	5.90	\$20.43	\$22.94
125%	6.70	\$17.98	\$20.19

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.