Projections for Planning Purposes Only -- Not to be Used without Updating 2015 Estimated Costs and Returns per Acre Coastal Bermudagrass Pasture - 100 Acres North Texas Extension District - 4

Crop Acres 100

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
					Enterprise
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	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	0.13	Hour	\$10.00	\$1.30	\$130.00
Diesel Fuel					
Tractors/Self-Propelled	0.67	Gallon	\$3.50	\$2.35	\$234.50
Repairs & Maintenance					
Tractors/Self-Propelled	1	Acre	\$0.85	\$0.85	\$85.26
Implements	1	Acre	\$2.18	\$2.18	\$218.05
Interest on Credit Line			4.75%	\$1.59	\$158.92
Total Variable Costs				\$121.77	\$12,176.73
Planned Returns Above Variable Costs:				(\$68.17)	(\$6,816.73)
Breakeven Price to Cover Variable Costs			\$22.72	AUM	
					Enterprise
FIXED COSTS	Quantity	Units	\$/Unit	Total	Total
Machinery Depreciation					_
Tractors/Self-Propelled	1	Acre	\$0.81	\$0.81	\$80.93
Implements	1	Acre	\$1.79	\$1.79	\$178.69
Equipment Investment					
Tractors/Self-Propelled	\$9.14	Dollars	6.00%	\$0.55	\$54.83
Implements	\$25.02	Dollars	6.00%	\$1.50	\$150.10
Rent-Coastal	1	Acre	\$12.00	\$12.00	\$1,200.00
Total Fixed Costs				\$16.65	\$1,664.56
Total Specified Costs				\$138.41	\$13,841.28
Returns Above Specified Costs				(\$84.81)	(\$8,481.28)
·			#05.00	•	
Breakeven Price to Cover Total Costs			\$25.82	AUM	

		Example Breakeven Prices							
Example	Example	Price Need	Price Needed to Cover		Price Needed to Cover				
Yield	Yield	Example Va	Example Variable Costs		Example Total Costs				
Percent	AUM	Own/Rent	ShareTenant	Own/Rent	ShareTenant	Landlord			
75%	4.02	\$30.29	\$30.29	\$34.43	\$34.43	\$0.00			
90%	4.82	\$25.24	\$25.24	\$28.69	\$28.69	\$0.00			
100%	5.36	\$22.72	\$22.72	\$25.82	\$25.82	\$0.00			
110%	5.90	\$20.65	\$20.65	\$23.48	\$23.48	\$0.00			
125%	6.70	\$18.17	\$18.17	\$20.66	\$20.66	\$0.00			

Developed by Blake Bennet, Associate Professor and Extension Economist, Texas A&M AgriLife Extension Service.

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.