

Projections for Planning Purposes Only -- Not to be Used without Updating
2014 Estimated Costs and Returns per Acre
Small Grains - Ryegrass Winter Pasture - 100 Acres
East Texas Extension District - 5

Crop Acres		100				Enterprise
REVENUE		Quantity	Units	\$/Unit	Total	Total
Total Revenue					\$0.00	\$0.00
VARIABLE COSTS		Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs						
Seed						
	Seed - Elbon Rye	100	Pound	\$0.40	\$40.00	\$4,000.00
	Seed - Ryegrass	20	Pound	\$0.60	\$12.00	\$1,200.00
Fertilizer						
	Lime	0.3333333	Ton	\$50.00	\$16.67	\$1,666.67
	Nitrogen	50	Pound	\$0.35	\$17.50	\$1,750.00
	Phosphate	50	Pound	\$0.25	\$12.50	\$1,250.00
	Potash	100	Pound	\$0.23	\$23.00	\$2,300.00
	Nitrogen	65	Pound	\$0.35	\$22.75	\$2,275.00
	Nitrogen	65	Pound	\$0.35	\$22.75	\$2,275.00
Insecticide						
	Insecticide Small Grains	1	Acre	\$6.00	\$6.00	\$600.00
Custom						
	Custom Plant Small Grains	1	Acre	\$15.00	\$15.00	\$1,500.00
Machinery Labor						
	Tractors/Self-Propelled	1.08	Hour	\$10.00	\$10.80	\$1,080.00
Diesel Fuel						
	Tractors/Self-Propelled	3.82	Gallon	\$3.28	\$12.53	\$1,252.96
Gasoline						
	Pickup/General Use Equipment	1	Acre	\$8.13	\$8.13	\$812.50
Repairs & Maintenance						
	Pickup/General Use Equipment	1	Acre	\$3.06	\$3.06	\$306.00
	Tractors/Self-Propelled	1	Acre	\$10.25	\$10.25	\$1,025.03
	Implements	1	Acre	\$4.10	\$4.10	\$410.20
Interest on Credit Line				4.75%	\$6.14	\$613.63
Total Variable Costs					\$243.17	\$24,316.98
Planned Returns Above Variable Costs:					(\$243.17)	(\$24,316.98)
Breakeven Price to Cover Variable Costs				n/a		
FIXED COSTS		Quantity	Units	\$/Unit	Total	Enterprise Total
Machinery Depreciation						
	Pickup/General Use Equipment	1	Acre	\$3.21	\$3.21	\$321.30
	Tractors/Self-Propelled	1	Acre	\$9.02	\$9.02	\$901.87
	Implements	1	Acre	\$4.61	\$4.61	\$461.48
Equipment Investment						
	Pickup/General Use Equipment	\$38.25	Dollars	5.25%	\$2.01	\$200.81
	Tractors/Self-Propelled	\$101.82	Dollars	5.25%	\$5.35	\$534.58
	Implements	\$35.89	Dollars	5.25%	\$1.88	\$188.44
Total Fixed Costs					\$26.08	\$2,608.47
Total Specified Costs					\$269.25	\$26,925.45
Returns Above Specified Costs					(\$269.25)	(\$26,925.45)
Breakeven Price to Cover Total Costs				n/a		

Example Breakeven Prices						
Example Yield Percent	Example Yield	Price Needed to Cover Example Variable Costs		Price Needed to Cover Example Total Costs		
		Own/Rent	Share Tenant	Own/Rent	Share Tenant	Landlord
75%	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
90%	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
100%	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
110%	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
125%	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

Developed by Extension Economists, 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.