

Projections for Planning Purposes Only -- Not to be Used without Updating
2013 Estimated Costs and Returns per Acre
Small Grain with Grazing - 800 Acres
Central Texas Extension District - 8

Crop Acres		800				Enterprise
REVENUE		Quantity	Units	\$/Unit	Total	Total
Stocker Weight Gain		378.00	Pounds	\$0.58	\$219.24	\$175,392.00
Other Revenue		0.00	Acre	\$0.00	\$0.00	\$0.00
Other Revenue		0.00	Acre	\$0.00	\$0.00	\$0.00
Total Revenue					\$219.24	\$175,392.00
VARIABLE COSTS		Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs						
Fertilizer						
	18-46-0	100	Pounds	\$0.65	\$65.00	\$52,000.00
	34-0-0	150	Pounds	\$0.48	\$72.00	\$57,600.00
Seed						
	Oat Seed	110	Pounds	\$0.12	\$13.20	\$10,560.00
Diesel Fuel						
	Tractors	1.35	Gallons	\$2.65	\$3.57	\$2,859.77
Repairs & Maintenance						
	Implements	1	Acre	\$0.53	\$0.53	\$422.55
	Tractors	1	Acre	\$0.96	\$0.96	\$768.57
Operator Labor						
	Tractors	0.17	Hours	\$10.00	\$1.66	\$1,328.80
Interest on Credit Line						
				4.75%	\$4.29	\$3,428.23
Total Variable Costs					\$161.21	\$128,967.92
Planned Returns Above Variable Costs:					\$58.03	\$46,424.08
Breakeven Price to Cover Variable Costs				\$0.43	Pounds	
FIXED COSTS		Quantity	Units	\$/Unit	Total	Enterprise Total
Machinery						
	Implements	1	Acre	\$1.10	\$1.10	\$879.04
	Tractors	1	Acre	\$2.62	\$2.62	\$2,093.68
Land Rent						
		1	Acre	\$25.00	\$25.00	\$20,000.00
Total Fixed Costs					\$28.72	\$22,972.72
Total Specified Costs					\$189.93	\$151,940.64
Returns Above Specified Costs					\$29.31	\$23,451.36
Breakeven Price to Cover Total Costs				\$0.50	Pounds	

Breakeven Prices						
Yield Percent	Yield Pounds	Variable Costs		Total Costs		
		Full	Tenant	Full	Tenant	Landlord
75%	283.50	\$0.57	\$0.57	\$0.67	\$0.67	\$0.00
90%	340.20	\$0.47	\$0.47	\$0.56	\$0.56	\$0.00
100%	378.00	\$0.43	\$0.43	\$0.50	\$0.50	\$0.00
110%	415.80	\$0.39	\$0.39	\$0.46	\$0.46	\$0.00
125%	472.50	\$0.34	\$0.34	\$0.40	\$0.40	\$0.00

Developed by Jason Johnson, Associate Professor and Extension Economist, Texas A&M AgriLife Extension.

Information presented is prepared solely as a general guide and not intended to recognize or predict the costs and returns from any one operation.