

Projections for Planning Purposes Only -- *Not to be Used without Updating*
2015 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	Total
Stocker Weight Gain	378.00	Pound	\$0.60	\$226.80		\$181,440.00
Total Revenue				\$226.80		\$181,440.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
Production Costs						
Fertilizer						
18-46-0	100	Pound	\$0.65	\$65.00		\$52,000.00
N	100	Pound	\$0.60	\$60.00		\$48,000.00
Seed						
Oat Seed	110	Pound	\$0.35	\$38.50		\$30,800.00
Machinery Labor						
Tractors/Self-Propelled	0.24	Hour	\$10.00	\$2.40		\$1,920.00
Diesel Fuel						
Tractors/Self-Propelled	1.75	Gallon	\$2.65	\$4.64		\$3,710.00
Repairs & Maintenance						
Tractors/Self-Propelled	1	Acre	\$3.32	\$3.32		\$2,657.91
Implements	1	Acre	\$5.68	\$5.68		\$4,543.52
Interest on Credit Line			4.75%	\$5.10		\$4,080.21
Total Variable Costs				\$184.64		\$147,711.63
Planned Returns Above Variable Costs:				\$42.16		\$33,728.37
Breakeven Price to Cover Variable Costs			\$0.49	Pound		
FIXED COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
Machinery Depreciation						
Tractors/Self-Propelled	1	Acre	\$3.43	\$3.43		\$2,746.51
Implements	1	Acre	\$6.38	\$6.38		\$5,101.76
Equipment Investment						
Tractors/Self-Propelled	\$38.76	Dollars	6.00%	\$2.33		\$1,860.54
Implements	\$49.60	Dollars	6.00%	\$2.98		\$2,380.82
Dryland Crop Rent	1	Acre	\$30.00	\$30.00		\$24,000.00
Total Fixed Costs				\$45.11		\$36,089.63
Total Specified Costs				\$229.75		\$183,801.26
Returns Above Specified Costs					(\$2.95)	(\$2,361.26)
Breakeven Price to Cover Total Costs			\$0.61	Pound		

Example Breakeven Prices						
Example Yield Percent	Example Yield Pound	Price Needed to Cover Example Variable Costs		Price Needed to Cover Example Total Costs		
		Own/Rent	Share/Tenant	Own/Rent	Share/Tenant	Landlord
75%	283.50	\$0.65	\$0.65	\$0.81	\$0.81	\$0.00
90%	340.20	\$0.54	\$0.54	\$0.68	\$0.68	\$0.00
100%	378.00	\$0.49	\$0.49	\$0.61	\$0.61	\$0.00
110%	415.80	\$0.44	\$0.44	\$0.55	\$0.55	\$0.00
125%	472.50	\$0.39	\$0.39	\$0.49	\$0.49	\$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. Brand names are mentioned only as examples and imply no endorsement.