

Projections for Planning Purposes Only -- *Not to be Used without Updating*
2019 Estimated Costs and Returns per Acre
Small Grain with Grazing
Central Texas Extension District - 8

Crop Acres		800				Enterprise
REVENUE	Quantity	Units	\$/Unit	Total		Total
Stocker Weight Gain	378.00	Pound	\$0.50	\$189.00		\$151,200.00
Total Revenue				\$189.00		\$151,200.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total		Enterprise
Production Costs						Total
Seed						
Oat Seed	110	Pound	\$0.35	\$38.50		\$30,800.00
Fertilizer						
18-46-0	100	Pound	\$0.26	\$26.00		\$20,800.00
46-0-0	220	Pound	\$0.20	\$44.00		\$35,200.00
Machinery Labor						
Tractors/Self-Propelled	0.39	Hour	\$10.00	\$3.90		\$3,120.00
Diesel Fuel						
Tractors/Self-Propelled	1.69	Gallon	\$2.40	\$4.06		\$3,244.80
Repairs & Maintenance						
Tractors/Self-Propelled	1	Acre	\$2.98	\$2.98		\$2,386.29
Implements	1	Acre	\$11.42	\$11.42		\$9,132.19
Interest on Credit Line			4.75%	\$4.49		\$3,589.84
Total Variable Costs				\$135.34		\$108,273.12
Planned Returns Above Variable Costs:				\$53.66		\$42,926.88
Breakeven Price to Cover Variable Costs			\$0.36	Pound		
FIXED COSTS	Quantity	Units	\$/Unit	Total		Enterprise
Machinery Depreciation						Total
Tractors/Self-Propelled	1	Acre	\$2.85	\$2.85		\$2,282.89
Implements	1	Acre	\$14.04	\$14.04		\$11,234.02
Equipment Investment						
Tractors/Self-Propelled	\$22.23	Dollars	6.00%	\$1.33		\$1,067.07
Implements	\$61.95	Dollars	6.00%	\$3.72		\$2,973.70
Dryland Crop Rent	1	Acre	\$30.00	\$30.00		\$24,000.00
Total Fixed Costs				\$51.95		\$41,557.68
Total Specified Costs				\$187.29		\$149,830.80
Returns Above Specified Costs				\$1.71		\$1,369.20
Breakeven Price to Cover Total Costs			\$0.50	Pound		

Example Breakeven Prices			
Example	Example	To Cover	To Cover
Yield	Yield	Variable	Total
Percent	Pound	Costs	Costs
75%	283.50	\$0.48	\$0.66
90%	340.20	\$0.40	\$0.55
100%	378.00	\$0.36	\$0.50
110%	415.80	\$0.33	\$0.45
125%	472.50	\$0.29	\$0.40

Developed by Jason Johnson, Associate Professor and Extension Economist, Texas A&M AgriLife Extension, 254-968-4144.

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.