

Projections for Planning Purposes Only -- *Not to be Used without Updating*
2020 Estimated Costs and Returns per Acre
Small Grain with Grazing
Central Texas Extension District - 8

Crop Acres		800			
REVENUE	Quantity	Units	\$/Unit	Total	Enterprise Total
Stocker Weight Gain	315.00	Pound	\$0.60	\$189.00	\$151,200.00
Total Revenue				\$189.00	\$151,200.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs					
Seed					
Oat Seed	110	Pound	\$0.30	\$33.00	\$26,400.00
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	\$2.85	\$4.82	\$3,853.20
Repairs & Maintenance					
Tractors/Self-Propelled	1	Acre	\$3.16	\$3.16	\$2,526.56
Implements	1	Acre	\$11.48	\$11.48	\$9,181.83
Interest on Credit Line			4.75%	\$4.33	\$3,460.83
Total Variable Costs				\$130.68	\$104,542.42
Planned Returns Above Variable Costs:				\$58.32	\$46,657.58
Breakeven Price to Cover Variable Costs			\$0.41	Pound	
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Machinery Depreciation					
Tractors/Self-Propelled	1	Acre	\$3.03	\$3.03	\$2,422.91
Implements	1	Acre	\$14.09	\$14.09	\$11,272.17
Equipment Investment					
Tractors/Self-Propelled	\$23.59	Dollars	6.00%	\$1.42	\$1,132.51
Implements	\$62.16	Dollars	6.00%	\$3.73	\$2,983.49
Dryland Crop Rent	1	Acre	\$30.00	\$30.00	\$24,000.00
Total Fixed Costs				\$52.26	\$41,811.08
Total Specified Costs				\$182.94	\$146,353.50
Returns Above Specified Costs				\$6.06	\$4,846.50
Breakeven Price to Cover Total Costs			\$0.58	Pound	

Example Breakeven Prices			
Example Yield Percent	Example Yield Pound	To Cover Variable Costs	To Cover Total Costs
75%	236.25	\$0.55	\$0.77
90%	283.50	\$0.46	\$0.65
100%	315.00	\$0.41	\$0.58
110%	346.50	\$0.38	\$0.53
125%	393.75	\$0.33	\$0.46

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.