

Projections for Planning Purposes Only -- *Not to be Used without Updating*
2018 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	378.00	Pound	\$0.40	\$151.20	\$120,960.00
Total Revenue				\$151.20	\$120,960.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs					
Seed					
Oat Seed	110	Pound	\$0.35	\$38.50	\$30,800.00
Fertilizer					
18-46-0	100	Pound	\$0.23	\$23.00	\$18,400.00
46-0-0	220	Pound	\$0.17	\$37.40	\$29,920.00
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	\$3.06	\$3.06	\$2,444.98
Implements	1	Acre	\$10.49	\$10.49	\$8,391.57
Interest on Credit Line			4.75%	\$4.12	\$3,298.95
Total Variable Costs				\$124.53	\$99,620.30
Planned Returns Above Variable Costs:				\$26.67	\$21,339.70
Breakeven Price to Cover Variable Costs			\$0.33	Pound	
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Machinery Depreciation					
Tractors/Self-Propelled	1	Acre	\$2.91	\$2.91	\$2,330.83
Implements	1	Acre	\$12.86	\$12.86	\$10,287.45
Equipment Investment					
Tractors/Self-Propelled	\$22.70	Dollars	6.00%	\$1.36	\$1,089.48
Implements	\$56.89	Dollars	6.00%	\$3.41	\$2,730.74
Dryland Crop Rent	1	Acre	\$30.00	\$30.00	\$24,000.00
Total Fixed Costs				\$50.55	\$40,438.50
Total Specified Costs				\$175.07	\$140,058.80
Returns Above Specified Costs				(\$23.87)	(\$19,098.80)
Breakeven Price to Cover Total Costs			\$0.46	Pound	

Example Breakeven Prices			
Example Yield Percent	Example Yield Pound	To Cover Variable Costs	To Cover Total Costs
75%	283.50	\$0.44	\$0.62
90%	340.20	\$0.37	\$0.51
100%	378.00	\$0.33	\$0.46
110%	415.80	\$0.30	\$0.42
125%	472.50	\$0.26	\$0.37

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.