

**Projections for Planning Purposes Only -- Not to be Used without Updating**  
**2017 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	Pound	\$0.50	\$189.00		\$151,200.00
<b>Total Revenue</b>				<b>\$189.00</b>		<b>\$151,200.00</b>
VARIABLE COSTS	Quantity	Units	\$/Unit	Total		Enterprise
<b>Production Costs</b>						<b>Total</b>
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	\$2.65	\$4.48		\$3,582.80
Repairs & Maintenance						
Tractors/Self-Propelled	1	Acre	\$3.04	\$3.04		\$2,435.14
Implements	1	Acre	\$9.87	\$9.87		\$7,893.10
Interest on Credit Line			4.75%	\$3.99		\$3,188.47
<b>Total Variable Costs</b>				<b>\$124.17</b>		<b>\$99,339.50</b>
Planned Returns Above Variable Costs:				\$64.83		\$51,860.50
Breakeven Price to Cover Variable Costs			\$0.33	Pound		
FIXED COSTS	Quantity	Units	\$/Unit	Total		Enterprise
<b>Machinery Depreciation</b>						<b>Total</b>
Tractors/Self-Propelled	1	Acre	\$2.90	\$2.90		\$2,322.38
Implements	1	Acre	\$12.12	\$12.12		\$9,696.90
Equipment Investment						
Tractors/Self-Propelled	\$22.62	Dollars	6.00%	\$1.36		\$1,085.52
Implements	\$53.73	Dollars	6.00%	\$3.22		\$2,579.17
Dryland Crop Rent	1	Acre	\$30.00	\$30.00		\$24,000.00
<b>Total Fixed Costs</b>				<b>\$49.60</b>		<b>\$39,683.97</b>
<b>Total Specified Costs</b>				<b>\$173.78</b>		<b>\$139,023.47</b>
Returns Above Specified Costs				\$15.22		\$12,176.53
<b>Breakeven Price to Cover Total Costs</b>			<b>\$0.46</b>	<b>Pound</b>		

Example Breakeven Prices			
Example	Example	To Cover	To Cover
Yield	Yield	Variable	Total
Percent	Pound	Costs	Costs
75%	283.50	\$0.44	\$0.61
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.**