

Projections for Planning Purposes Only -- *Not to be Used without Updating*
2017 Estimated Costs and Returns per Acre
Oats for Grain - 200 Acres
Central Texas Extension District - 8

Crop Acres		200				Enterprise
REVENUE	Quantity	Units	\$/Unit	Total		Total
Oats	100.00	Bushel	\$2.35	\$235.00		\$47,000.00
Total Revenue				\$235.00		\$47,000.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total		Enterprise Total
Production Costs						
Herbicide						
Weed Burndown	32	Ounce	\$0.20	\$6.40		\$1,280.00
Seed						
Oat Seed	100	Pound	\$0.35	\$35.00		\$7,000.00
Fertilizer						
46-0-0	140	Pound	\$0.17	\$23.80		\$4,760.00
18-46-0	50	Pound	\$0.23	\$11.50		\$2,300.00
Custom						
Custom Combine	1	Acre	\$25.00	\$25.00		\$5,000.00
Custom Hauling Oats	100	Bushel	\$0.16	\$16.00		\$3,200.00
Miscellaneous						
Insurance - Oats 65%	1	Acre	\$7.00	\$7.00		\$1,400.00
Insurance - Oats SCO	1	Acre	\$2.00	\$2.00		\$400.00
Insecticide						
Insecticide Greenbug	1	Acre	\$4.50	\$4.50		\$900.00
Fungicides						
Tebuconazole	4	Ounce	\$0.38	\$1.50		\$300.00
Machinery Labor						
Tractors/Self-Propelled	0.99	Hour	\$10.00	\$9.90		\$1,980.00
Diesel Fuel						
Tractors/Self-Propelled	6.37	Gallon	\$2.65	\$16.88		\$3,376.10
Repairs & Maintenance						
Tractors/Self-Propelled	1	Acre	\$11.00	\$11.00		\$2,199.64
Implements	1	Acre	\$15.16	\$15.16		\$3,031.21
Interest on Credit Line			4.75%	\$3.32		\$664.02
Total Variable Costs				\$188.95		\$37,790.97
Planned Returns Above Variable Costs:					\$46.05	\$9,209.03
Breakeven Price to Cover Variable Costs			\$1.89	Bushel		
FIXED COSTS	Quantity	Units	\$/Unit	Total		Enterprise Total
Machinery Depreciation						
Tractors/Self-Propelled	1	Acre	\$11.36	\$11.36		\$2,272.96
Implements	1	Acre	\$17.84	\$17.84		\$3,568.93
Equipment Investment						
Tractors/Self-Propelled	\$88.54	Dollars	6.00%	\$5.31		\$1,062.43
Implements	\$78.22	Dollars	6.00%	\$4.69		\$938.60
Dryland Crop Rent	1	Acre	\$30.00	\$30.00		\$6,000.00
Total Fixed Costs				\$69.21		\$13,842.92
Total Specified Costs				\$258.17		\$51,633.89
Returns Above Specified Costs					(\$23.17)	(\$4,633.89)
Breakeven Price to Cover Total Costs			\$2.58	Bushel		

Example Breakeven Prices			
Example Yield Percent	Example Yield Bushel	To Cover Variable Costs	To Cover Total Costs
75%	75.00	\$2.52	\$3.44
90%	90.00	\$2.10	\$2.87
100%	100.00	\$1.89	\$2.58
110%	110.00	\$1.72	\$2.35
125%	125.00	\$1.51	\$2.07

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.