

Projections for Planning Purposes Only -- *Not to be Used without Updating*
2016 Estimated Costs and Returns per Acre
Oats for Grain - 200 Acres
Central Texas Extension District - 8

Crop Acres		200			
REVENUE	Quantity	Units	\$/Unit	Total	Enterprise Total
Oats	100.00	Bushel	\$2.40	\$240.00	\$48,000.00
Total Revenue				\$240.00	\$48,000.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs					
Herbicide					
Weed Burndown	10	Ounce	\$0.24	\$2.40	\$480.00
Seed					
Oat Seed	72	Pound	\$0.35	\$25.20	\$5,040.00
Fertilizer					
N	37	Pound	\$0.60	\$22.20	\$4,440.00
46-0-0	137	Pound	\$0.60	\$82.20	\$16,440.00
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	1.05	Hour	\$10.00	\$10.50	\$2,100.00
Diesel Fuel					
Tractors/Self-Propelled	6.67	Gallon	\$2.65	\$17.68	\$3,535.10
Repairs & Maintenance					
Tractors/Self-Propelled	1	Acre	\$10.60	\$10.60	\$2,119.70
Implements	1	Acre	\$13.18	\$13.18	\$2,636.34
Interest on Credit Line			4.75%	\$4.02	\$803.07
Total Variable Costs				\$243.97	\$48,794.21
Planned Returns Above Variable Costs:				(\$3.97)	(\$794.21)
Breakeven Price to Cover Variable Costs			\$2.44	Bushel	
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Machinery Depreciation					
Tractors/Self-Propelled	1	Acre	\$10.95	\$10.95	\$2,190.36
Implements	1	Acre	\$15.44	\$15.44	\$3,088.34
Equipment Investment					
Tractors/Self-Propelled	\$85.32	Dollars	6.00%	\$5.12	\$1,023.82
Implements	\$68.35	Dollars	6.00%	\$4.10	\$820.19
Dryland Crop Rent	1	Acre	\$30.00	\$30.00	\$6,000.00
Total Fixed Costs				\$65.61	\$13,122.71
Total Specified Costs				\$309.58	\$61,916.92
Returns Above Specified Costs				(\$69.58)	(\$13,916.92)
Breakeven Price to Cover Total Costs			\$3.10	Bushel	

Example Breakeven Prices			
Example Yield Percent	Example Yield Bushel	Price Needed to Cover Your Variable Costs	Price Needed to Cover Your Total Costs
75%	75.00	\$3.25	\$4.13
90%	90.00	\$2.71	\$3.44
100%	100.00	\$2.44	\$3.10
110%	110.00	\$2.22	\$2.81
125%	125.00	\$1.95	\$2.48

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

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.