

Projections for Planning Purposes Only -- Not to be Used without Updating
2015 Estimated Costs and Returns per Acre
Dryland Oats, Follow Small Grains - 100 Acres
West Central Extension District - 7

Crop Acres		100		Enterprise	
REVENUE	Quantity	Units	\$/Unit	Total	Total
Winter Oats	35.00	Bushel	\$3.00	\$105.00	\$10,500.00
Total Revenue				\$105.00	\$10,500.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total
Production Costs					
Seed					
Oat Seed	45	Pound	\$0.38	\$17.10	\$1,710.00
Fertilizer					
N applied with drill	5	Pounds	\$0.53	\$2.65	\$265.00
Phosphate	18	Pounds	\$0.42	\$7.50	\$750.06
Nitrogen N32	35	Pounds	\$0.55	\$19.14	\$1,914.15
Custom					
Soil Test-Dryland	1	Each	\$0.25	\$0.25	\$25.00
Custom Harvest small grains	1	Acre	\$25.00	\$25.00	\$2,500.00
Custom Haul small grains	25	Bushels	\$0.30	\$7.50	\$750.00
Miscellaneous					
Oats Crop Insurance	1	Acre	\$8.16	\$8.16	\$816.00
Machinery Labor					
Tractors/Self-Propelled	0.57	Hour	\$12.00	\$6.84	\$684.00
Diesel Fuel					
Tractors/Self-Propelled	3.36	Gallon	\$2.75	\$9.24	\$924.00
Gasoline					
Pickup/General Use Equipment	1	Acre	\$1.82	\$1.82	\$182.40
Repairs & Maintenance					
Pickup/General Use Equipment	1	Acre	\$1.37	\$1.37	\$137.00
Tractors/Self-Propelled	1	Acre	\$7.01	\$7.01	\$701.13
Implements	1	Acre	\$5.23	\$5.23	\$523.49
Interest on Credit Line			3.75%	\$1.23	\$122.88
Total Variable Costs				\$120.05	\$12,005.11
Planned Returns Above Variable Costs:				(\$15.05)	(\$1,505.11)
Breakeven Price to Cover Variable Costs			\$3.43	Bushel	
FIXED COSTS	Quantity	Units	\$/Unit	Total	Total
Machinery Depreciation					
Pickup/General Use Equipment	1	Acre	\$2.99	\$2.99	\$298.80
Tractors/Self-Propelled	1	Acre	\$8.03	\$8.03	\$802.76
Implements	1	Acre	\$6.81	\$6.81	\$681.44
Equipment Investment					
Pickup/General Use Equipment	\$23.60	Dollars	3.75%	\$0.89	\$88.50
Tractors/Self-Propelled	\$90.77	Dollars	3.75%	\$3.40	\$340.40
Implements	\$57.05	Dollars	3.75%	\$2.14	\$213.94
Rent-Dryland Crop	1	Acre	\$35.00	\$35.00	\$3,500.00
Total Fixed Costs				\$59.26	\$5,925.84
Total Specified Costs				\$179.31	\$17,930.95
Returns Above Specified Costs				(\$74.31)	(\$7,430.95)
Breakeven Price to Cover Total Costs			\$5.12	Bushel	

Example Breakeven Prices						
Example Yield Percent	Example Yield Bushel	Price Needed to Cover Example Variable Costs		Price Needed to Cover Example Total Costs		
		Own/Rent	Share Tenant	Own/Rent	Share Tenant	Landlord
75%	26.25	\$4.57	\$4.57	\$6.83	\$6.83	\$0.00
90%	31.50	\$3.81	\$3.81	\$5.69	\$5.69	\$0.00
100%	35.00	\$3.43	\$3.43	\$5.12	\$5.12	\$0.00
110%	38.50	\$3.12	\$3.12	\$4.66	\$4.66	\$0.00
125%	43.75	\$2.74	\$2.74	\$4.10	\$4.10	\$0.00

Developed by Bill Thompson, Associate Professor and Extension Economist, Texas A&M AgriLife Extension Service.

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.