

Projections for Planning Purposes Only -- Not to be Used without Updating
2018 Estimated Costs and Returns per Acre
Dryland Oats, Follow Small Grains
West Central Extension District - 7

Crop Acres		100		Enterprise	
REVENUE	Quantity	Units	\$/Unit	Total	Total
Winter Oats	35.00	Bushel	\$2.10	\$73.50	\$7,350.00
Total Revenue				\$73.50	\$7,350.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs					
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	\$0.27	\$6.75	\$675.00
Fertilizer					
N applied with drill	5	Pounds	\$0.53	\$2.65	\$265.00
Phosphate	18	Pounds	\$0.27	\$4.88	\$487.50
Nitrogen N32	35	Pounds	\$0.37	\$12.95	\$1,295.00
Herbicide					
2-4D Amine 4	1	Pint	\$1.63	\$1.63	\$162.50
MSM (Ally)	0.14	Ounce	\$6.00	\$0.84	\$84.00
Miscellaneous					
Oats Crop Insurance	1	Acre	\$12.16	\$12.16	\$1,216.00
Seed					
Oat Seed	45	Pound	\$0.32	\$14.40	\$1,440.00
Machinery Labor					
Tractors/Self-Propelled	0.4	Hour	\$12.00	\$4.80	\$480.00
Diesel Fuel					
Tractors/Self-Propelled	3.36	Gallon	\$2.15	\$7.22	\$722.40
Gasoline					
Pickup/General Use Equipment	1	Acre	\$1.91	\$1.91	\$190.56
Repairs & Maintenance					
Pickup/General Use Equipment	1	Acre	\$1.37	\$1.37	\$137.00
Tractors/Self-Propelled	1	Acre	\$7.78	\$7.78	\$777.91
Implements	1	Acre	\$10.79	\$10.79	\$1,079.21
Interest on Credit Line			6.00%	\$2.03	\$202.77
Total Variable Costs				\$117.40	\$11,739.84
Planned Returns Above Variable Costs:				(\$43.90)	(\$4,389.84)
Breakeven Price to Cover Variable Costs			\$3.35	Bushel	
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Machinery Depreciation					
Pickup/General Use Equipment	1	Acre	\$2.99	\$2.99	\$298.80
Tractors/Self-Propelled	1	Acre	\$8.88	\$8.88	\$887.81
Implements	1	Acre	\$14.03	\$14.03	\$1,403.31
Equipment Investment					
Pickup/General Use Equipment	\$12.98	Dollars	6.00%	\$0.78	\$77.88
Tractors/Self-Propelled	\$68.77	Dollars	6.00%	\$4.13	\$412.64
Implements	\$60.03	Dollars	6.00%	\$3.60	\$360.18
Rent-Dryland Crop	1	Acre	\$35.00	\$35.00	\$3,500.00
Total Fixed Costs				\$69.41	\$6,940.62
Total Specified Costs				\$186.80	\$18,680.47
Returns Above Specified Costs				(\$113.30)	(\$11,330.47)
Breakeven Price to Cover Total Costs			\$5.34	Bushel	

Example Breakeven Prices			
Example Yield Percent	Example Yield Bushel	To Cover Variable Costs	To Cover Total Costs
75%	26.25	\$4.47	\$7.12
90%	31.50	\$3.73	\$5.93
100%	35.00	\$3.35	\$5.34
110%	38.50	\$3.05	\$4.85
125%	43.75	\$2.68	\$4.27

Developed by Bill Thompson, Associate Professor and Extension Economist, Texas A&M AgriLife Extension Service, 325-653-4576.

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.