

Projections for Planning Purposes Only -- Not to be Used without Updating
2021 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	Total
Winter Oats	35.00	Bushel	\$2.10	\$73.50	\$7,350.00	\$7,350.00
Total Revenue				\$73.50	\$7,350.00	\$7,350.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
Production Costs						
Fertilizer						
Nitrogen Dry-Urea	5	Pounds	\$0.40	\$2.01	\$201.10	\$201.10
Phos (11-52-0 DRY MAT)	18	Pounds	\$0.45	\$8.13	\$813.42	\$813.42
Nitrogen N32	35	Pounds	\$0.40	\$14.08	\$1,407.70	\$1,407.70
Herbicide						
2-4D Amine 4	1	Pint	\$1.61	\$1.61	\$161.25	\$161.25
MSM (Ally)	0.14	Ounce	\$4.50	\$0.63	\$63.00	\$63.00
Custom						
Soil Test-Dryland	1	Each	\$0.25	\$0.25	\$25.00	\$25.00
Custom Harvest small grains	1	Acre	\$23.00	\$23.00	\$2,300.00	\$2,300.00
Custom Haul small grains	25	Bushels	\$0.25	\$6.25	\$625.00	\$625.00
Seed						
Oat Seed	45	Pound	\$0.33	\$14.85	\$1,485.00	\$1,485.00
Miscellaneous						
Oats Crop Insurance	1	Acre	\$13.00	\$13.00	\$1,300.00	\$1,300.00
Machinery Labor						
Tractors/Self-Propelled	0.4	Hour	\$15.00	\$6.00	\$600.00	\$600.00
Diesel Fuel						
Tractors/Self-Propelled	3.36	Gallon	\$1.50	\$5.04	\$504.00	\$504.00
Gasoline						
Pickup/General Use Equipment	1	Acre	\$1.58	\$1.58	\$157.92	\$157.92
Repairs & Maintenance						
Pickup/General Use Equipment	1	Acre	\$1.37	\$1.37	\$137.00	\$137.00
Tractors/Self-Propelled	1	Acre	\$8.66	\$8.66	\$866.04	\$866.04
Implements	1	Acre	\$12.01	\$12.01	\$1,201.35	\$1,201.35
Interest on Credit Line			4.55%	\$1.67	\$166.82	\$166.82
Total Variable Costs				\$120.15	\$12,014.60	\$12,014.60
Planned Returns Above Variable Costs:				(\$46.65)	(\$4,664.60)	(\$4,664.60)
Breakeven Price to Cover Variable Costs			\$3.43	Bushel		
FIXED COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
Machinery Depreciation						
Pickup/General Use Equipment	1	Acre	\$2.99	\$2.99	\$298.80	\$298.80
Tractors/Self-Propelled	1	Acre	\$10.03	\$10.03	\$1,003.47	\$1,003.47
Implements	1	Acre	\$15.58	\$15.58	\$1,558.38	\$1,558.38
Equipment Investment						
Pickup/General Use Equipment	\$12.98	Dollars	5.50%	\$0.71	\$71.39	\$71.39
Tractors/Self-Propelled	\$77.67	Dollars	5.50%	\$4.27	\$427.18	\$427.18
Implements	\$66.66	Dollars	5.50%	\$3.67	\$366.65	\$366.65
Rent-Dryland Crop	1	Acre	\$35.00	\$35.00	\$3,500.00	\$3,500.00
Total Fixed Costs				\$72.26	\$7,225.88	\$7,225.88
Total Specified Costs				\$192.40	\$19,240.47	\$19,240.47
Returns Above Specified Costs				(\$118.90)	(\$11,890.47)	(\$11,890.47)
Breakeven Price to Cover Total Costs			\$5.50	Bushel		

Example Breakeven Prices			
Example Yield Percent	Example Yield Bushel	To Cover Variable Costs	To Cover Total Costs
75%	26.25	\$4.58	\$7.33
90%	31.50	\$3.81	\$6.11
100%	35.00	\$3.43	\$5.50
110%	38.50	\$3.12	\$5.00
125%	43.75	\$2.75	\$4.40

Developed by Bill Thompson, Assistant 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.