

Projections for Planning Purposes Only -- *Not to be Used without Updating*
2016 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 | \$2.65 | \$92.75 | \$9,275.00 |
| Total Revenue | | | | \$92.75 | \$9,275.00 |
| 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 | \$0.30 | \$7.50 | \$750.00 |
| Fertilizer | | | | | |
| N applied with drill | 5 | Pounds | \$0.53 | \$2.65 | \$265.00 |
| Phosphate | 18 | Pounds | \$0.37 | \$6.60 | \$660.00 |
| Nitrogen N32 | 35 | Pounds | \$0.42 | \$14.84 | \$1,483.70 |
| herbicide | | | | | |
| 2-4D Amine 4 | 1 | Pint | \$1.81 | \$1.81 | \$181.25 |
| MSM (Ally) | 0.14 | Ounce | \$6.00 | \$0.84 | \$84.00 |
| Seed | | | | | |
| Oat Seed | 45 | Pound | \$0.32 | \$14.40 | \$1,440.00 |
| Miscellaneous | | | | | |
| Oats Crop Insurance | 1 | Acre | \$12.16 | \$12.16 | \$1,216.00 |
| Machinery Labor | | | | | |
| Tractors/Self-Propelled | 0.57 | Hour | \$12.00 | \$6.84 | \$684.00 |
| Diesel Fuel | | | | | |
| Tractors/Self-Propelled | 3.36 | Gallon | \$1.50 | \$5.04 | \$504.00 |
| Gasoline | | | | | |
| Pickup/General Use Equipment | 1 | Acre | \$1.69 | \$1.69 | \$168.80 |
| 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 | \$10.27 | \$10.27 | \$1,026.53 |
| Interest on Credit Line | | | 6.50% | \$1.98 | \$198.26 |
| Total Variable Costs | | | | \$120.25 | \$12,024.66 |
| Planned Returns Above Variable Costs: | | | | (\$27.50) | (\$2,749.66) |
| Breakeven Price to Cover Variable Costs | | | \$3.44 | 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 | \$8.03 | \$8.03 | \$802.76 |
| Implements | 1 | Acre | \$13.32 | \$13.32 | \$1,331.75 |
| Equipment Investment | | | | | |
| Pickup/General Use Equipment | \$12.98 | Dollars | 6.50% | \$0.84 | \$84.37 |
| Tractors/Self-Propelled | \$62.17 | Dollars | 6.50% | \$4.04 | \$404.13 |
| Implements | \$56.97 | Dollars | 6.50% | \$3.70 | \$370.30 |
| Rent-Dryland Crop | 1 | Acre | \$35.00 | \$35.00 | \$3,500.00 |
| Total Fixed Costs | | | | \$67.92 | \$6,792.11 |
| Total Specified Costs | | | | \$188.17 | \$18,816.77 |
| Returns Above Specified Costs | | | | (\$95.42) | (\$9,541.77) |
| Breakeven Price to Cover Total Costs | | | \$5.38 | 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% | 0.00 | \$4.58 | \$7.17 |
| 90% | 0.00 | \$3.82 | \$5.97 |
| 100% | 0.00 | \$3.44 | \$5.38 |
| 110% | 0.00 | \$3.12 | \$4.89 |
| 125% | 0.00 | \$2.75 | \$4.30 |

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.