

Projections for Planning Purposes Only -- Not to be Used without Updating
2018 Estimated Costs and Returns per Acre
Oats for Grain
Central Texas Extension District - 8

Crop Acres		200				
REVENUE		Quantity	Units	\$/Unit	Total	Enterprise Total
Oats		100.00	Bushel	\$2.35	\$235.00	\$47,000.00
Total Revenue					\$235.00	\$47,000.00
VARIABLE COSTS		Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs						
Seed						
Oat Seed		100	Pound	\$0.35	\$35.00	\$7,000.00
Fertilizer						
18-46-0		50	Pound	\$0.23	\$11.50	\$2,300.00
46-0-0		140	Pound	\$0.17	\$23.80	\$4,760.00
Custom						
Custom Combine		1	Acre	\$25.00	\$25.00	\$5,000.00
Custom Hauling Oats		100	Bushel	\$0.16	\$16.00	\$3,200.00
Herbicide						
Weed Burndown		32	Ounce	\$0.20	\$6.40	\$1,280.00
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		0.99	Hour	\$10.00	\$9.90	\$1,980.00
Diesel Fuel						
Tractors/Self-Propelled		6.37	Gallon	\$2.40	\$15.29	\$3,057.60
Repairs & Maintenance						
Tractors/Self-Propelled		1	Acre	\$11.12	\$11.12	\$2,223.22
Implements		1	Acre	\$16.00	\$16.00	\$3,199.82
Interest on Credit Line				4.75%	\$3.58	\$716.86
Total Variable Costs					\$188.59	\$37,717.50
Planned Returns Above Variable Costs:					\$46.41	\$9,282.50
Breakeven Price to Cover Variable Costs				\$1.89	Bushel	
FIXED COSTS		Quantity	Units	\$/Unit	Total	Enterprise Total
Machinery Depreciation						
Tractors/Self-Propelled		1	Acre	\$11.49	\$11.49	\$2,297.33
Implements		1	Acre	\$18.75	\$18.75	\$3,749.42
Equipment Investment						
Tractors/Self-Propelled		\$89.48	Dollars	6.00%	\$5.37	\$1,073.81
Implements		\$82.08	Dollars	6.00%	\$4.92	\$984.93
Dryland Crop Rent		1	Acre	\$30.00	\$30.00	\$6,000.00
Total Fixed Costs					\$70.53	\$14,105.48
Total Specified Costs					\$259.11	\$51,822.99
Returns Above Specified Costs					(\$24.11)	(\$4,822.99)
Breakeven Price to Cover Total Costs				\$2.59	Bushel	

Example Breakeven Prices			
Example Yield Percent	Example Yield Bushel	To Cover Variable Costs	To Cover Total Costs
75%	75.00	\$2.51	\$3.45
90%	90.00	\$2.10	\$2.88
100%	100.00	\$1.89	\$2.59
110%	110.00	\$1.71	\$2.36
125%	125.00	\$1.51	\$2.07

Developed by Jason Johnson, Associate Professor and Extension Economist, Texas A&M AgriLife Extension, 254-968-4144.

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.