

Projections for Planning Purposes Only -- Not to be Used without Updating
2019 Estimated Costs and Returns per Acre
Oats for Grain
Central Texas Extension District - 8

Crop Acres		200				Enterprise
REVENUE	Quantity	Units	\$/Unit	Total		Total
Oats	100.00	Bushel	\$2.25	\$225.00		\$45,000.00
Total Revenue				\$225.00		\$45,000.00
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	\$0.26	\$13.00		\$2,600.00
46-0-0	140	Pound	\$0.20	\$28.00		\$5,600.00
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	\$10.58	\$10.58		\$2,116.64
Implements	1	Acre	\$17.48	\$17.48		\$3,496.11
Interest on Credit Line			4.75%	\$3.71		\$741.86
Total Variable Costs				\$195.36		\$39,072.20
Planned Returns Above Variable Costs:					\$29.64	\$5,927.80
Breakeven Price to Cover Variable Costs			\$1.95	Bushel		
FIXED COSTS	Quantity	Units	\$/Unit	Total		Enterprise Total
Machinery Depreciation						
Tractors/Self-Propelled	1	Acre	\$10.94	\$10.94		\$2,187.19
Implements	1	Acre	\$20.56	\$20.56		\$4,111.30
Equipment Investment						
Tractors/Self-Propelled	\$85.19	Dollars	6.00%	\$5.11		\$1,022.34
Implements	\$89.82	Dollars	6.00%	\$5.39		\$1,077.81
Dryland Crop Rent	1	Acre	\$30.00	\$30.00		\$6,000.00
Total Fixed Costs				\$71.99		\$14,398.63
Total Specified Costs				\$267.35		\$53,470.83
Returns Above Specified Costs					(\$42.35)	(\$8,470.83)
Breakeven Price to Cover Total Costs			\$2.67	Bushel		

Example Breakeven Prices			
Example Yield Percent	Example Yield Bushel	To Cover Variable Costs	To Cover Total Costs
75%	75.00	\$2.60	\$3.56
90%	90.00	\$2.17	\$2.97
100%	100.00	\$1.95	\$2.67
110%	110.00	\$1.78	\$2.43
125%	125.00	\$1.56	\$2.14

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.