2022 Estimated Costs and Returns per Acre Oats for Grain Central Texas Extension District - 8

Crop Acres 200

Name						Enterprise
Name	REVENUE	Quantity	Units	\$/Unit	Total	Total
Name		100.00	Bushel	\$5.25		
VARIABLE COSTS	Total Revenue				\$525.00	
Production Costs Seed				***		•
Seed		Quantity	Units	\$/Unit	Total	Total
Name						
Fertilizer						
18-46-0		100	Pound	\$0.50	\$50.00	\$10,000.00
Machinery Labor Tractors/Self-Propelled			_			
Custom Custom Combine Custom Hauling Oats 1 Acre Subshel \$30.00 \$30.00 \$6,000.00 Custom Hauling Oats 100 Bushel \$0.16 \$16.00 \$3,200.00 Miscellaneous Binsurance - Oats 65% 1 Acre \$12.00 \$12.00 \$2,400.00 \$400.00 Herbicide \$2,000 \$2,000 \$400.00 \$400.00 Herbicide \$400.00 \$6.00 \$6.40 \$1,280.00						
Custom Combine Custom Hauling Oats 1 Acre Bushel \$30.00 \$30.00 \$6,000.00 Miscellaneous Insurance - Oats 65% Insurance - Oats 8CO 1 Acre \$12.00 \$12.00 \$2,400.00 Herbicide Weed Burndown 32 Ounce \$0.20 \$6.40 \$1,280.00 Insecticide Insecticide Greenbug 1 Acre \$6.00 \$6.00 \$1,200.00 Fungicides Tebuconazole 4 Ounce \$0.38 \$1.50 \$300.00 Machinery Labor Tractors/Self-Propelled 0.56 Hour \$10.00 \$5.60 \$1,120.00 Diesel Fuel Tractors/Self-Propelled 3.38 Gallon \$2.67 \$9.02 \$1,804.92 Repairs & Maintenance Tractors/Self-Propelled 3.4 Acre \$6.86 \$6.86 \$1,372.01 Interest on Credit Line 1 Acre \$7.18 \$7.18 \$1,436.15 Planned Returns Above Variable Costs: Breakeven Price to Cover Variable Costs \$2.55 \$270.00 \$54,060.84 FIXED COSTS Quantity Units \$1/Unit Total Total		140	Pound	\$0.50	\$70.00	\$14,000.00
Custom Hauling Oats 100 Bushel \$0.16 \$16.00 \$3,200.00 Miscellaneous Insurance - Oats 65% 1 Acre \$12.00 \$12.00 \$2,400.00 Insurance - Oats SCO 1 Acre \$2.00 \$2.00 \$400.00 Merbicide Weed Burndown 32 Ounce \$0.20 \$6.40 \$1,280.00 Insecticide Insecticide Greenbug 1 Acre \$6.00 \$6.00 \$1,200.00 S1,200.00 S			_			
Miscellaneous						
Insurance - Oats 65%		100	Bushel	\$0.16	\$16.00	\$3,200.00
Insurance - Oats SCO						
Herbicide Weed Burndown 32 Ounce \$0.20 \$6.40 \$1,280.00 Insecticide Insecticide Greenbug 1 Acre \$6.00 \$6.00 \$1,200.00 Fungicides Tebuconazole 4 Ounce \$0.38 \$1.50 \$300.00 Machinery Labor Tractors/Self-Propelled 0.56 Hour \$10.00 \$5.60 \$1,120.00 Diesel Fuel Tractors/Self-Propelled 3.38 Gallon \$2.67 \$9.02 \$1,804.92 Repairs & Maintenance Tractors/Self-Propelled 1 Acre \$6.86 \$6.86 \$1,372.01 Implements 1 Acre \$6.86 \$6.86 \$1,372.01 Implements 1 Acre \$6.86 \$6.86 \$1,372.01 Implements 1 Acre \$7.18 \$7.18 \$1,436.15 Interest on Credit Line 4.75% \$4.63 \$996.08 Total Variable Costs \$2.55 Bushel Flate COSTS Quantity Units \$/Unit Total Machinery Depreciation Tractors/Self-Propelled 1 Acre \$7.09 \$7.09 \$1,417.75 Implements 1 Acre \$8.37 \$8.37 \$1,673.75 Equipment Investment Tractors/Self-Propelled \$55.22 Dollars \$6.00% \$3.31 \$662.68 Implements \$35.98 Dollars \$6.00% \$3.31 \$662.68 Implements \$35.98 Dollars \$6.00% \$3.31 \$662.68 Implements \$35.98 Dollars \$6.00% \$3.30.00 \$6,000.00 Total Fixed Costs \$50.93 \$10,185.98 Total Specified Costs \$50.93 \$10,185.98 Total Specified Costs \$305.63 \$61,125.14 Returns Above Specified Costs \$43,874.86						
Weed Burndown 32 Ounce \$0.20 \$6.40 \$1,280.00 Insecticide		1	Acre	\$2.00	\$2.00	\$400.00
Insecticide			_			
Insecticide Greenbug		32	Ounce	\$0.20	\$6.40	\$1,280.00
Fungicides			_			
Tebuconazole		1	Acre	\$6.00	\$6.00	\$1,200.00
Machinery Labor Tractors/Self-Propelled 0.56 Hour \$10.00 \$5.60 \$1,120.00 Diesel Fuel Tractors/Self-Propelled Repairs & Maintenance Tractors/Self-Propelled 3.38 Gallon \$2.67 \$9.02 \$1,804.92 Repairs & Maintenance Tractors/Self-Propelled 1 Acre \$6.86 \$6.86 \$1,372.01 Implements 1 Acre \$7.18 \$7.18 \$1,436.15 Interest on Credit Line 4.75% \$4.63 \$992.6.08 Total Variable Costs \$254.70 \$50,939.16 Planned Returns Above Variable Costs: Breakeven Price to Cover Variable Costs \$2.25.5 Bushel FIXED COSTS Quantity Units \$/Unit Total Total Machinery Depreciation Tractors/Self-Propelled 1 Acre \$7.09 \$7.09 \$1,417.75 Implements 1 Acre \$8.37 \$8.37 \$1,673.75 Equipment Investment Tractors/Self-Propelled \$55.22 Dollars 6.00% \$3.31 \$662.68 Implements \$35.98 Dollars 6.00% \$3.	-		_			
Tractors/Self-Propelled 0.56 Hour \$10.00 \$5.60 \$1,120.00 Diesel Fuel Tractors/Self-Propelled 3.38 Gallon \$2.67 \$9.02 \$1,804.92 Repairs & Maintenance Tractors/Self-Propelled 1 Acre \$6.86 \$6.86 \$1,372.01 Implements 1 Acre \$7.18 \$7.18 \$1,436.15 Interest on Credit Line 4.75% \$4.63 \$926.08 Total Variable Costs \$270.30 \$54,060.84 Planned Returns Above Variable Costs: \$2.55 Busbel Breakeven Price to Cover Variable Costs: \$2.55 Busbel Breakeven Price to Cover Variable Costs: \$2.55 Busbel FIXED COSTS Quantity Units \$/Unit Total Total Machinery Depreciation Tractors/Self-Propelled 1 Acre \$7.09 \$7.09 \$1,417.75 Implements 1 Acre \$8.37 \$8.37 \$1,673.75 Equipment Investment Tractors/Self-Propelled \$55.22 Dollars		4	Ounce	\$0.38	\$1.50	\$300.00
Diesel Fuel						
Tractors/Self-Propelled 3.38 Gallon \$2.67 \$9.02 \$1,804.92	-	0.56	Hour	\$10.00	\$5.60	\$1,120.00
Repairs & Maintenance Tractors/Self-Propelled 1 Acre \$6.86 \$6.86 \$1,372.01 Implements 1 Acre \$7.18 \$7.18 \$1,436.15 Interest on Credit Line 4.75% \$4.63 \$926.08 \$254.70 \$50,939.16 \$1.00 \$1.0						
Tractors/Self-Propelled Implements 1 Acre St.18 \$6.86 \$1,372.01 Interest on Credit Line Interest	-	3.38	Gallon	\$2.67	\$9.02	\$1,804.92
Implements						
Interest on Credit Line		1				
Total Variable Costs \$254.70 \$50,939.16 Planned Returns Above Variable Costs: \$270.30 \$54,060.84 Breakeven Price to Cover Variable Costs \$2.55 Bushel Enterprise FIXED COSTS Quantity Units \$/Unit Total Total Machinery Depreciation	•	1	Acre		·	
Planned Returns Above Variable Costs \$270.30 \$54,060.84				4.75% <u> </u>	•	
Section Price to Cover Variable Costs Section Se	Total Variable Costs			_	\$254.70	\$50,939.16
FIXED COSTS Quantity Units \$\(\)Unit Total Total	Planned Returns Above Variable Costs:			_	\$270.30	\$54,060.84
Nachinery Depreciation	Breakeven Price to Cover Variable Costs			\$2.55 B	ushel	
Machinery Depreciation Tractors/Self-Propelled 1 Acre \$7.09 \$7.09 \$1,417.75 Implements 1 Acre \$8.37 \$8.37 \$1,673.75 Equipment Investment Tractors/Self-Propelled \$55.22 Dollars 6.00% \$3.31 \$662.68 Implements \$35.98 Dollars 6.00% \$2.16 \$431.80 Dryland Crop Rent 1 Acre \$30.00 \$6,000.00 Total Fixed Costs \$50.93 \$10,185.98 Total Specified Costs \$305.63 \$61,125.14 Returns Above Specified Costs \$219.37 \$43,874.86						Enterprise
Tractors/Self-Propelled 1 Acre \$7.09 \$1,417.75 Implements 1 Acre \$8.37 \$8.37 \$1,673.75 Equipment Investment Tractors/Self-Propelled \$55.22 Dollars 6.00% \$3.31 \$662.68 Implements \$35.98 Dollars 6.00% \$2.16 \$431.80 Dryland Crop Rent 1 Acre \$30.00 \$30.00 \$6,000.00 Total Fixed Costs \$50.93 \$10,185.98 Total Specified Costs \$305.63 \$61,125.14 Returns Above Specified Costs \$219.37 \$43,874.86	FIXED COSTS	Quantity	Units	\$/Unit	Total	Total
Implements	Machinery Depreciation					_
Equipment Investment Tractors/Self-Propelled \$55.22 Dollars 6.00% \$3.31 \$662.68 Implements \$35.98 Dollars 6.00% \$2.16 \$431.80 Dryland Crop Rent 1 Acre \$30.00 \$6,000.00 Total Fixed Costs \$50.93 \$10,185.98 Total Specified Costs \$305.63 \$61,125.14 Returns Above Specified Costs \$219.37 \$43,874.86	Tractors/Self-Propelled	1	Acre	\$7.09	\$7.09	\$1,417.75
Tractors/Self-Propelled \$55.22 Dollars 6.00% \$3.31 \$662.68 Implements \$35.98 Dollars 6.00% \$2.16 \$431.80 Dryland Crop Rent 1 Acre \$30.00 \$6,000.00 Total Fixed Costs \$50.93 \$10,185.98 Total Specified Costs \$305.63 \$61,125.14 Returns Above Specified Costs \$219.37 \$43,874.86	Implements	1	Acre	\$8.37	\$8.37	\$1,673.75
Implements	Equipment Investment					
Dryland Crop Rent 1 Acre \$30.00 \$6,000.00 Total Fixed Costs \$50.93 \$10,185.98 Total Specified Costs \$305.63 \$61,125.14 Returns Above Specified Costs \$219.37 \$43,874.86	Tractors/Self-Propelled	\$55.22	Dollars	6.00%	\$3.31	\$662.68
Total Fixed Costs \$50.93 \$10,185.98 Total Specified Costs \$305.63 \$61,125.14 Returns Above Specified Costs \$219.37 \$43,874.86	Implements	\$35.98	Dollars	6.00%	\$2.16	\$431.80
Total Specified Costs \$305.63 \$61,125.14 Returns Above Specified Costs \$219.37 \$43,874.86	Dryland Crop Rent	1	Acre	\$30.00	\$30.00	\$6,000.00
Returns Above Specified Costs \$219.37 \$43,874.86	Total Fixed Costs				\$50.93	\$10,185.98
	Total Specified Costs			<u>=</u>	\$305.63	\$61,125.14
				-		
Breakeven Price to Cover Total Costs \$3.06 Bushel	Returns Above Specified Costs				\$219.37	\$43,874.86
	Breakeven Price to Cover Total Costs			\$3.06 B	ushel	

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.