

Projections for Planning Purposes Only -- Not to be Used without Updating
2016 Estimated Costs and Returns per Acre
Oilseed Sunflowers, Sprinkler Irrigated, Strip Tillage - 122 Acres
Panhandle Extension District - 1

Crop Acres		122				Enterprise
REVENUE	Quantity	Units	\$/Unit	Total	Total	
Oilseed Sunflowers	20.00	CWT	\$16.50	\$330.00	\$40,260.00	
Total Revenue				\$330.00	\$40,260.00	
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total	
Production Costs						
Herbicide						
Glyphosphate	3	Acre	\$4.38	\$13.13	\$1,602.04	
2-4D	1	Acre	\$2.35	\$2.35	\$287.18	
Prowel H2O	1	Acre	\$12.99	\$12.99	\$1,584.24	
Seed						
Seed - Oilseed Sunflower	1	Acre	\$33.59	\$33.59	\$4,098.35	
Fertilizer						
Fertilizer (N) - Liquid	70	Pound	\$0.53	\$37.10	\$4,526.20	
Fertilizer (P) - Liquid	24	Pound	\$0.90	\$21.60	\$2,635.20	
Custom						
Herbicide Application	3	Acre	\$5.24	\$15.72	\$1,917.93	
Pesticide Application	1	Acre	\$5.14	\$5.14	\$626.78	
Custom Harvest - Sorghum Dryland	1	Acre	\$22.45	\$22.45	\$2,739.01	
Custom Haul - Sunflowers	20	CWT	\$0.38	\$7.60	\$927.63	
Miscellaneous						
Crop Insurance Sunflowers - Irrigated	1	Acre	\$21.00	\$21.00	\$2,562.00	
Insecticide						
Ammo	1	Acre	\$3.32	\$3.32	\$404.46	
Seed Insecticide - Sunflower Irrigated	1	Acre	\$4.59	\$4.59	\$559.48	
Irrigation						
Energy Cost	7.00	AcreInch	\$3.20	\$22.40	\$2,732.80	
Irrigation Labor	0.45	Hour	\$12.16	\$5.45	\$664.56	
Machinery Labor						
Tractors/Self-Propelled	0.47	Hour	\$11.97	\$5.62	\$686.21	
Diesel Fuel						
Tractors/Self-Propelled	1.6	Gallon	\$1.97	\$3.15	\$384.54	
Gasoline						
Pickup/General Use Equipment	1	Acre	\$9.29	\$9.29	\$1,133.00	
Repairs & Maintenance						
Pickup/General Use Equipment	1	Acre	\$5.52	\$5.52	\$673.20	
Irrigation Equipment	1	Acre	\$28.28	\$28.28	\$3,450.16	
Tractors/Self-Propelled	1	Acre	\$2.82	\$2.82	\$344.63	
Implements	1	Acre	\$8.79	\$8.79	\$1,071.79	
Interest on Credit Line			5.15%	\$6.78	\$827.02	
Total Variable Costs				\$298.68	\$36,438.40	
Planned Returns Above Variable Costs:				\$31.32	\$3,821.60	
Breakeven Price to Cover Variable Costs			\$14.93 CWT			
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total	
Machinery Depreciation						
Pickup/General Use Equipment	1	Acre	\$5.79	\$5.79	\$706.86	
Irrigation Equipment	1	Acre	\$22.50	\$22.50	\$2,745.60	
Tractors/Self-Propelled	1	Acre	\$2.92	\$2.92	\$356.12	
Implements	1	Acre	\$11.08	\$11.08	\$1,352.32	
Equipment Investment						
Pickup/General Use Equipment	\$40.01	Dollars	5.40%	\$2.16	\$263.56	
Irrigation Equipment	\$421.97	Dollars	5.40%	\$22.79	\$2,779.92	
Tractors/Self-Propelled	\$22.74	Dollars	5.40%	\$1.23	\$149.81	
Implements	\$47.42	Dollars	5.40%	\$2.56	\$312.39	
Cash Rent - Sunflowers Irrigated	1	Acre	\$75.00	\$75.00	\$9,150.00	
Total Fixed Costs				\$146.04	\$17,816.57	
Total Specified Costs				\$444.71	\$54,254.97	
Returns Above Specified Costs				(\$114.71)	(\$13,994.97)	
Breakeven Price to Cover Total Costs			\$22.24 CWT			

Example Breakeven Prices			
Example Yield Percent	Example Yield CWT	Price Needed to Cover Your Variable Costs	Price Needed to Cover Your Total Costs
75%	15.00	\$19.91	\$29.65
90%	18.00	\$16.59	\$24.71
100%	20.00	\$14.93	\$22.24
110%	22.00	\$13.58	\$20.21
125%	25.00	\$11.95	\$17.79

Developed by Steve Amosson, Regents Fellow, Professor and Extension Economist, Texas A&M AgriLife Extension.

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.