

Projections for Planning Purposes Only -- Not to be Used without Updating
2018 Estimated Costs and Returns per Acre
Oilseed Sunflowers, Sprinkler Irrigated, Strip Tillage
Panhandle Extension District - 1

Crop Acres		122		Enterprise	
REVENUE	Quantity	Units	\$/Unit	Total	Total
Oilseed Sunflowers	20.00	CWT	\$16.75	\$335.00	\$40,870.00
Total Revenue				\$335.00	\$40,870.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs					
Herbicide					
Glyphosate	3	Acre	\$4.44	\$13.32	\$1,625.04
2-4D	1	Acre	\$2.37	\$2.37	\$289.14
Prowel H2O	1	Acre	\$13.13	\$13.13	\$1,601.86
Seed					
Seed - Oilseed Sunflower	1	Acre	\$32.03	\$32.03	\$3,907.66
Fertilizer					
Fertilizer (N) - Liquid	70	Pound	\$0.40	\$28.00	\$3,416.00
Fertilizer (P) - Liquid	24	Pound	\$0.47	\$11.28	\$1,376.16
Custom					
Herbicide Application	3	Acre	\$5.12	\$15.36	\$1,873.92
Pesticide Application	1	Acre	\$5.12	\$5.12	\$624.64
Custom Harvest - Sorghum Dryland	1	Acre	\$25.61	\$25.61	\$3,124.42
Custom Haul - Sunflowers	20	CWT	\$0.46	\$9.20	\$1,122.40
Miscellaneous					
Crop Insurance Sunflowers - Irrigated	1	Acre	\$21.00	\$21.00	\$2,562.00
Insecticide					
Ammo	1	Acre	\$3.26	\$3.26	\$397.72
Seed Insecticide - Sunflower Irrigated	1	Acre	\$4.61	\$4.61	\$562.42
Irrigation					
Energy Cost	7.00	AcreInch	\$3.50	\$24.50	\$2,989.00
Irrigation Labor	0.45	Hour	\$12.64	\$5.66	\$690.85
Machinery Labor					
Tractors/Self-Propelled	0.21	Hour	\$12.44	\$2.61	\$318.71
Other Labor	0.25	Hour	\$12.44	\$3.11	\$379.42
Diesel Fuel					
Tractors/Self-Propelled	1.57	Gallon	\$1.99	\$3.12	\$381.16
Gasoline					
Pickup/General Use Equipment	1	Acre	\$9.47	\$9.47	\$1,155.00
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	\$3.27	\$3.27	\$399.29
Implements	1	Acre	\$7.78	\$7.78	\$949.22
Interest on Credit Line			5.74%	\$6.77	\$825.39
Total Variable Costs				\$284.38	\$34,694.78
Planned Returns Above Variable Costs:				\$50.62	\$6,175.22
Breakeven Price to Cover Variable Costs			\$14.22	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	\$28.80	\$28.80	\$3,513.75
Tractors/Self-Propelled	1	Acre	\$3.38	\$3.38	\$412.60
Implements	1	Acre	\$10.00	\$10.00	\$1,220.42
Equipment Investment					
Pickup/General Use Equipment	\$40.01	Dollars	6.01%	\$2.40	\$293.33
Irrigation Equipment	\$435.80	Dollars	6.01%	\$26.19	\$3,195.37
Tractors/Self-Propelled	\$26.35	Dollars	6.01%	\$1.58	\$193.18
Implements	\$42.79	Dollars	6.01%	\$2.57	\$313.76
Cash Rent - Sunflowers Irrigated	1	Acre	\$72.00	\$72.00	\$8,784.00
Total Fixed Costs				\$152.73	\$18,633.27
Total Specified Costs				\$437.12	\$53,328.06
Returns Above Specified Costs				(\$102.12)	(\$12,458.06)
Breakeven Price to Cover Total Costs			\$21.86	CWT	

Example Breakeven Prices			
Example Yield Percent	Example Yield CWT	To Cover Variable Costs	To Cover Total Costs
75%	15.00	\$18.96	\$29.14
90%	18.00	\$15.80	\$24.28
100%	20.00	\$14.22	\$21.86
110%	22.00	\$12.93	\$19.87
125%	25.00	\$11.38	\$17.48

Developed by Steve Amosson, Regents Fellow, Professor and Extension Economist, Texas A&M AgriLife Extension, 806-677-5600.

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.