

Projections for Planning Purposes Only -- Not to be Used without Updating
2020 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	\$16.70	\$334.00	\$40,748.00
Total Revenue				\$334.00	\$40,748.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs					
Herbicide					
Glyphosphate	3	Acre	\$4.87	\$14.62	\$1,783.41
2-4D	1	Acre	\$2.60	\$2.60	\$317.14
Prowel H2O	1	Acre	\$14.41	\$14.41	\$1,757.73
Seed					
Seed - Oilseed Sunflower	1	Acre	\$30.63	\$30.63	\$3,736.96
Fertilizer					
Fertilizer (N) - Liquid	70	Pound	\$0.48	\$33.72	\$4,114.15
Fertilizer (P) - Liquid	25	Pound	\$0.48	\$11.94	\$1,456.66
Custom					
Herbicide Application	3	Acre	\$5.35	\$16.05	\$1,958.27
Pesticide Application	1	Acre	\$5.35	\$5.35	\$652.76
Custom Harvest - Sorghum Dryland	1	Acre	\$26.76	\$26.76	\$3,265.06
Custom Haul - Sunflowers	20	CWT	\$0.48	\$9.61	\$1,172.92
Miscellaneous					
Crop Insurance Sunflowers - Irrigated	1	Acre	\$21.00	\$21.00	\$2,562.00
Insecticide					
Ammo	1	Acre	\$3.55	\$3.55	\$432.74
Seed Insecticide - Sunflower Irrigated	1	Acre	\$4.87	\$4.87	\$594.28
Irrigation					
Energy Cost	7.00	AcreInch	\$3.96	\$27.72	\$3,381.84
Irrigation Labor	0.45	Hour	\$13.65	\$6.12	\$746.05
Machinery Labor					
Tractors/Self-Propelled	0.21	Hour	\$13.43	\$2.82	\$344.08
Other Labor	0.25	Hour	\$13.43	\$3.36	\$409.62
Diesel Fuel					
Tractors/Self-Propelled	1.57	Gallon	\$2.33	\$3.66	\$446.29
Gasoline					
Pickup/General Use Equipment	1	Acre	\$10.59	\$10.59	\$1,292.50
Repairs & Maintenance					
Pickup/General Use Equipment	1	Acre	\$5.52	\$5.52	\$673.20
Irrigation Equipment	1	Acre	\$26.25	\$26.25	\$3,202.50
Tractors/Self-Propelled	1	Acre	\$3.51	\$3.51	\$427.70
Implements	1	Acre	\$10.08	\$10.08	\$1,229.48
Interest on Credit Line			6.25%	\$7.86	\$959.19
Total Variable Costs				\$302.59	\$36,916.51
Planned Returns Above Variable Costs:				\$31.41	\$3,831.49
Breakeven Price to Cover Variable Costs			\$15.13 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	\$3.62	\$3.62	\$441.96
Implements	1	Acre	\$12.96	\$12.96	\$1,580.76
Equipment Investment					
Pickup/General Use Equipment	\$40.01	Dollars	6.25%	\$2.50	\$305.04
Irrigation Equipment	\$435.80	Dollars	6.25%	\$27.24	\$3,322.97
Tractors/Self-Propelled	\$28.22	Dollars	6.25%	\$1.76	\$215.19
Implements	\$55.43	Dollars	6.25%	\$3.46	\$422.63
Cash Rent - Sunflowers Irrigated	1	Acre	\$76.00	\$76.00	\$9,272.00
Total Fixed Costs				\$162.14	\$19,781.16
Total Specified Costs				\$464.74	\$56,697.67
Returns Above Specified Costs				(\$130.74)	(\$15,949.67)
Breakeven Price to Cover Total Costs			\$23.24 CWT		

Example Breakeven Prices			
Exampk Yield Percent	Example Yield CWT	To Cover Variable Costs	To Cover Total Costs
75%	15.00	\$20.17	\$30.98
90%	18.00	\$16.81	\$25.82
100%	20.00	\$15.13	\$23.24
110%	22.00	\$13.75	\$21.12
125%	25.00	\$12.10	\$18.59

Developed by Justin Benavidez, Assistant Professor, 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.