

**2022 Estimated Costs and Returns per Acre
Confectionary Sunflowers, Sprinkler Irrigated, Strip Tillage
Panhandle Extension District - 1**

Crop Acres		122				Enterprise	
REVENUE		Quantity	Units	\$/Unit	Total	Total	
Confectionary Sunflowers		18.00	CWT	\$32.50	\$585.00	\$71,370.00	
Total Revenue					\$585.00	\$71,370.00	
VARIABLE COSTS		Quantity	Units	\$/Unit	Total	Enterprise	
Production Costs							
Herbicide							
Glyphosphate		3	Acre	\$19.50	\$58.50	\$7,137.00	
2-4D		1	Acre	\$4.62	\$4.62	\$563.64	
Prowel H2O		1	Acre	\$28.82	\$28.82	\$3,516.04	
Seed							
Seed - Confectionary Sunflower		1	Acre	\$32.42	\$32.42	\$3,955.24	
Fertilizer							
Fertilizer (N) - Liquid		70	Pound	\$0.69	\$48.30	\$5,892.60	
Fertilizer (P) - Liquid		25	Pound	\$0.72	\$18.00	\$2,196.00	
Custom							
Herbicide Application		3	Acre	\$6.27	\$18.81	\$2,294.82	
Pesticide Application		1	Acre	\$6.27	\$6.27	\$764.94	
Custom Harvest - Sorghum Dryland		1	Acre	\$31.35	\$31.35	\$3,824.70	
Custom Haul - Sunflowers		18	CWT	\$0.56	\$10.08	\$1,229.76	
Miscellaneous							
Crop Insurance Sunflowers - Irrigated		1	Acre	\$21.00	\$21.00	\$2,562.00	
Insecticide							
Ammo		1	Acre	\$3.63	\$3.63	\$442.86	
Seed Insecticide - Sunflower Confection		1	Acre	\$10.16	\$10.16	\$1,239.52	
Irrigation							
Energy Cost		7.00	AcreInch	\$3.91	\$27.37	\$3,339.14	
Irrigation Labor		0.45	Hour	\$16.38	\$7.34	\$895.27	
Machinery Labor							
Tractors/Self-Propelled		0.08	Hour	\$16.12	\$1.29	\$157.29	
Other Labor		0.1	Hour	\$16.12	\$1.61	\$196.62	
Diesel Fuel							
Tractors/Self-Propelled		0.64	Gallon	\$2.67	\$1.71	\$208.47	
Gasoline							
Pickup/General Use Equipment		1	Acre	\$11.27	\$11.27	\$1,375.00	
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	\$1.64	\$1.64	\$199.68	
Implements		1	Acre	\$3.06	\$3.06	\$372.97	
Interest on Credit Line				6.30%	\$11.09	\$1,352.52	
Total Variable Costs					\$390.10	\$47,591.78	
Planned Returns Above Variable Costs:					\$194.90	\$23,778.22	
Breakeven Price to Cover Variable Costs				\$21.67	CWT		
FIXED COSTS		Quantity	Units	\$/Unit	Total	Enterprise	
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	\$1.69	\$1.69	\$206.34	
Implements		1	Acre	\$3.93	\$3.93	\$479.53	
Equipment Investment							
Pickup/General Use Equipment		\$40.01	Dollars	6.30%	\$2.52	\$307.48	
Irrigation Equipment		\$435.80	Dollars	6.30%	\$27.46	\$3,349.55	
Tractors/Self-Propelled		\$13.18	Dollars	6.30%	\$0.83	\$101.27	
Implements		\$16.81	Dollars	6.30%	\$1.06	\$129.23	
Cash Rent - Sunflowers Irrigated		1	Acre	\$79.00	\$79.00	\$9,638.00	
Total Fixed Costs					\$151.08	\$18,432.02	
Total Specified Costs					\$541.18	\$66,023.79	
Returns Above Specified Costs					\$43.82	\$5,346.21	
Breakeven Price to Cover Total Costs				\$30.07	CWT		

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.