

**2023 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	\$32.33	\$581.94	\$70,996.68		
<b>Total Revenue</b>				<b>\$581.94</b>	<b>\$70,996.68</b>		
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise		
<b>Production Costs</b>							
Herbicide							
Glyphosphate	3	Acre	\$27.50	\$82.50	\$10,065.00		
2-4D	1	Acre	\$6.51	\$6.51	\$794.22		
Prowel H2O	1	Acre	\$40.64	\$40.64	\$4,958.08		
Seed							
Seed - Confectionary Sunflower	1	Acre	\$32.42	\$32.42	\$3,955.24		
Fertilizer							
Fertilizer (N) - Liquid	70	Pound	\$0.98	\$68.39	\$8,343.58		
Fertilizer (P) - Liquid	25	Pound	\$1.09	\$27.28	\$3,327.55		
Custom							
Herbicide Application	3	Acre	\$6.83	\$20.49	\$2,499.78		
Pesticide Application	1	Acre	\$6.83	\$6.83	\$833.26		
Custom Harvest - Sorghum Dryland	1	Acre	\$34.49	\$34.49	\$4,207.78		
Custom Haul - Sunflowers	18	CWT	\$0.62	\$11.16	\$1,361.52		
Miscellaneous							
Crop Insurance Sunflowers - Irrigated	1	Acre	\$21.00	\$21.00	\$2,562.00		
Insecticide							
Ammo	1	Acre	\$5.12	\$5.12	\$624.64		
Seed Insecticide - Sunflower Confection	1	Acre	\$14.33	\$14.33	\$1,748.26		
Irrigation							
Energy Cost	7.00	AcreInch	\$4.70	\$32.90	\$4,013.80		
Irrigation Labor	0.45	Hour	\$17.50	\$7.84	\$956.48		
Machinery Labor							
Tractors/Self-Propelled	0.08	Hour	\$17.21	\$1.38	\$167.97		
Other Labor	0.1	Hour	\$17.21	\$1.72	\$209.96		
Diesel Fuel							
Tractors/Self-Propelled	0.64	Gallon	\$2.24	\$1.43	\$174.90		
Gasoline							
Pickup/General Use Equipment	1	Acre	\$9.42	\$9.42	\$1,149.50		
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	\$1.64	\$1.64	\$199.68		
Implements	1	Acre	\$3.06	\$3.06	\$372.97		
Interest on Credit Line			8.00%	\$17.56	\$2,142.63		
<b>Total Variable Costs</b>				<b>\$479.87</b>	<b>\$58,544.50</b>		
Planned Returns Above Variable Costs:				\$102.07	\$12,452.18		
Breakeven Price to Cover Variable Costs			\$26.66	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	8.00%	\$3.20	\$390.46		
Irrigation Equipment	\$435.80	Dollars	8.00%	\$34.86	\$4,253.40		
Tractors/Self-Propelled	\$13.18	Dollars	8.00%	\$1.05	\$128.60		
Implements	\$16.81	Dollars	8.00%	\$1.35	\$164.11		
Cash Rent - Sunflowers Irrigated	1	Acre	\$88.50	\$88.50	\$10,797.00		
<b>Total Fixed Costs</b>				<b>\$169.18</b>	<b>\$20,640.03</b>		
<b>Total Specified Costs</b>				<b>\$649.05</b>	<b>\$79,184.54</b>		
Returns Above Specified Costs					<b>(\$67.11)</b>	<b>(\$8,187.86)</b>	
<b>Breakeven Price to Cover Total Costs</b>			<b>\$36.06</b>	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.*