

Projections for Planning Purposes Only -- Not to be Used without Updating
2019 Estimated Costs and Returns per Acre
Confectionary Sunflowers, Sprinkler Irrigated, Strip Tillage
Panhandle Extension District - 1

Crop Acres		122				
REVENUE		Quantity	Units	\$/Unit	Total	Enterprise Total
Confectionary Sunflowers		18.00	CWT	\$21.80	\$392.40	\$47,872.80
Total Revenue					\$392.40	\$47,872.80
VARIABLE COSTS		Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs						
Herbicide						
	Glyphosphate	3	Acre	\$4.63	\$13.89	\$1,694.58
	2-4D	1	Acre	\$2.47	\$2.47	\$301.34
	Prowel H2O	1	Acre	\$13.69	\$13.69	\$1,670.18
Seed						
	Seed - Confectionary Sunflower	1	Acre	\$33.01	\$33.01	\$4,027.22
Fertilizer						
	Fertilizer (N) - Liquid	70	Pound	\$0.47	\$32.90	\$4,013.80
	Fertilizer (P) - Liquid	25	Pound	\$0.54	\$13.50	\$1,647.00
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	18	CWT	\$0.46	\$8.28	\$1,010.16
Miscellaneous						
	Crop Insurance Sunflowers - Irrigated	1	Acre	\$21.00	\$21.00	\$2,562.00
Insecticide						
	Ammo	1	Acre	\$3.39	\$3.39	\$413.58
	Seed Insecticide - Sunflower Confection	1	Acre	\$4.86	\$4.86	\$592.92
Irrigation						
	Energy Cost	7.00	AcreInch	\$3.40	\$23.80	\$2,903.60
	Irrigation Labor	0.45	Hour	\$13.24	\$5.93	\$723.65
Machinery Labor						
	Tractors/Self-Propelled	0.21	Hour	\$13.03	\$2.74	\$333.83
	Other Labor	0.25	Hour	\$13.03	\$3.26	\$397.42
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	\$3.28	\$3.28	\$400.33
	Implements	1	Acre	\$7.72	\$7.72	\$941.36
	Interest on Credit Line			6.04%	\$7.50	\$914.51
Total Variable Costs					\$293.32	\$35,784.94
Planned Returns Above Variable Costs:					\$99.08	\$12,087.86
Breakeven Price to Cover Variable Costs				\$16.30 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	\$3.39	\$3.39	\$413.68
	Implements	1	Acre	\$9.92	\$9.92	\$1,210.32
Equipment Investment						
	Pickup/General Use Equipment	\$40.01	Dollars	6.32%	\$2.53	\$308.46
	Irrigation Equipment	\$435.80	Dollars	6.32%	\$27.54	\$3,360.19
	Tractors/Self-Propelled	\$26.42	Dollars	6.32%	\$1.67	\$203.67
	Implements	\$42.44	Dollars	6.32%	\$2.68	\$327.22
	Cash Rent - Sunflowers Irrigated	1	Acre	\$72.00	\$72.00	\$8,784.00
Total Fixed Costs					\$154.33	\$18,828.14
Total Specified Costs					\$447.65	\$54,613.08
Returns Above Specified Costs					(\$55.25)	(\$6,740.28)
Breakeven Price to Cover Total Costs				\$24.87 CWT		

Example Breakeven Prices			
Exmpl Yield Percen	Example Yield CWT	To Cover Variable Costs	To Cover Total Costs
75%	13.50	\$21.73	\$33.16
90%	16.20	\$18.11	\$27.63
100%	18.00	\$16.30	\$24.87
110%	19.80	\$14.81	\$22.61
125%	22.50	\$13.04	\$19.90

Developed by DeDe Jones, Extension Risk Management Specialist III, 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.