

Projections for Planning Purposes Only -- Not to be Used without Updating
2019 Estimated Costs and Returns per Acre
Irrigated Sunflowers - Confectionary
South Plains Extension District - 2

Crop Acres		122		Enterprise	
REVENUE	Quantity	Units	\$/Unit	Total	Total
Confectionary Sunflowers	2,000.00	Pound	\$0.21	\$426.60	\$52,045.20
Total Revenue				\$426.60	\$52,045.20
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs					
Herbicide					
Herbicide and Apply Conf. Sunflowers	1	Acre	\$35.00	\$35.00	\$4,270.00
Seed					
Seed - Confectionary Sunflower	1	Acre	\$21.00	\$21.00	\$2,562.00
Fertilizer					
Fertilizer (N) - Liquid	70	Pound	\$0.46	\$32.27	\$3,936.41
Fertilizer (P) - Liquid	24	Pound	\$0.71	\$17.12	\$2,088.35
Custom					
Custom Haul - Sunflowers	20	CWT	\$0.30	\$6.00	\$732.00
Custom Harvest - Sunflowers Irrigated	1	Acre	\$20.00	\$20.00	\$2,440.00
Miscellaneous					
Crop Insurance Conf. Sunflowers	1	Acre	\$17.00	\$17.00	\$2,074.00
Insecticide					
Insecticide and Apply Conf. Sunflowers	1	Acre	\$25.00	\$25.00	\$3,050.00
Irrigation					
Energy Cost	8.00	AcreInch	\$10.00	\$80.00	\$9,760.00
Irrigation Labor	0.75	Hour	\$12.00	\$9.00	\$1,098.00
Machinery Labor					
Tractors/Self-Propelled	0.68	Hour	\$12.00	\$8.16	\$995.52
Other Labor	0.82	Hour	\$12.00	\$9.84	\$1,200.48
Diesel Fuel					
Tractors/Self-Propelled	3.8	Gallon	\$2.40	\$9.12	\$1,112.64
Gasoline					
Pickup/General Use Equipment	1	Acre	\$4.00	\$4.00	\$488.00
Repairs & Maintenance					
Pickup/General Use Equipment	1	Acre	\$0.50	\$0.50	\$61.00
Irrigation Equipment	1	Acre	\$14.00	\$14.00	\$1,708.00
Tractors/Self-Propelled	1	Acre	\$6.00	\$6.00	\$732.00
Implements	1	Acre	\$3.00	\$3.00	\$366.00
Interest on Credit Line			6.00%	\$7.94	\$968.58
Total Variable Costs				\$324.94	\$39,642.98
Planned Returns Above Variable Costs:				\$101.66	\$12,402.22
Breakeven Price to Cover Variable Costs			\$0.16	Pound	
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Equipment Fixed Costs					
Pickup/General Use Equipment	1	Acre	\$1.25	\$1.25	\$152.50
Irrigation Equipment	1	Acre	\$55.00	\$55.00	\$6,710.00
Tractors/Self-Propelled	1	Acre	\$12.00	\$12.00	\$1,464.00
Implements	1	Acre	\$10.00	\$10.00	\$1,220.00
Management Fee, Owner/Operator Labor	1	Acre	\$25.00	\$25.00	\$3,050.00
Cash Rent - Sunflowers Irrigated	1	Acre	\$100.00	\$100.00	\$12,200.00
Whole Farm Insurance	1	Acre	\$2.00	\$2.00	\$244.00
Total Fixed Costs				\$205.25	\$25,040.50
Total Specified Costs				\$530.19	\$64,683.48
Returns Above Specified Costs				(\$103.59)	(\$12,638.28)
Breakeven Price to Cover Total Costs			\$0.27	Pound	

Example Breakeven Prices			
Exempl	Example	To Cover	To Cover
Yield	Yield	Variable	Total
Percent	Pound	Costs	Costs
75%	1500.00	\$0.22	\$0.35
90%	1800.00	\$0.18	\$0.29
100%	2000.00	\$0.16	\$0.27
110%	2200.00	\$0.15	\$0.24
125%	2500.00	\$0.13	\$0.21

Developed by Jackie Smith, Professor and Extension Economist, Texas A&M AgriLife Extension, 806-746-6101.

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.