

Projections for Planning Purposes Only -- Not to be Used without Updating
2017 Estimated Costs and Returns per Acre
Irrigated Sunflowers - Confectionary - 122 Acres
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	\$0.40	\$27.89		\$3,402.66
Fertilizer (P) - Liquid	24	Pound	\$0.52	\$12.53		\$1,528.59
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	\$11.00	\$88.00		\$10,736.00
Irrigation Labor	0.90	Hour	\$12.00	\$10.80		\$1,317.60
Machinery Labor						
Tractors/Self-Propelled	1.5	Hour	\$12.00	\$18.00		\$2,196.00
Diesel Fuel						
Tractors/Self-Propelled	3.8	Gallon	\$1.84	\$6.99		\$853.02
Gasoline						
Pickup/General Use Equipment	1	Acre	\$3.88	\$3.88		\$472.88
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%	\$7.51		\$916.78
Total Variable Costs				\$323.10		\$39,418.52
Planned Returns Above Variable Costs:				\$103.50		\$12,626.68
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	\$30.00	\$30.00		\$3,660.00
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				\$210.25		\$25,650.50
Total Specified Costs				\$533.35		\$65,069.02
Returns Above Specified Costs					(\$106.75)	(\$13,023.82)
Breakeven Price to Cover Total Costs			\$0.27	Pound		

Example Breakeven Prices			
Exempl	Example	To Cover	To Cover
Yield	Yield	Variable	Total
Percen	Pound	Costs	Costs
75%	1500.00	\$0.22	\$0.36
90%	1800.00	\$0.18	\$0.30
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.