

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

Crop Acres		122				Enterprise
REVENUE	Quantity	Units	\$/Unit	Total	Total	Total
Oilseed Sunflowers	2,000.00	Pound	\$0.14	\$280.00	\$280.00	\$34,160.00
Total Revenue				\$280.00		\$34,160.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
Production Costs						
Herbicide						
Herbicide and Apply Oilseed Sunflower	1	Acre	\$34.75	\$34.75		\$4,239.50
Seed						
Seed - Oilseed 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 Oilseed Sunflowers	1	Acre	\$13.00	\$13.00		\$1,586.00
Insecticide						
Insecticide and Apply Oil Sunflowers	1	Acre	\$12.62	\$12.62		\$1,539.64
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%	\$7.64		\$932.20
Total Variable Costs				\$308.01		\$37,577.73
Planned Returns Above Variable Costs:						(\$28.01)
Breakeven Price to Cover Variable Costs			\$0.15	Pound		(\$3,417.73)
FIXED COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
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				\$513.26		\$62,618.23
Returns Above Specified Costs						(\$233.26)
Breakeven Price to Cover Total Costs			\$0.26	Pound		(\$28,458.23)

Example Breakeven Prices

Example	Example	To Cover	To Cover
Yield	Yield	Variable	Total
Percent	Pound	Costs	Costs
75%	1500.00	\$0.21	\$0.34
90%	1800.00	\$0.17	\$0.29
100%	2000.00	\$0.15	\$0.26
110%	2200.00	\$0.14	\$0.23
125%	2500.00	\$0.12	\$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.