

Projections for Planning Purposes Only -- Not to be Used without Updating
2016 Estimated Costs and Returns per Acre
Irrigated Sunflowers - Oilseed - 122 Acres
South Plains Extension District - 2

Crop Acres		122		Enterprise	
REVENUE	Quantity	Units	\$/Unit	Total	Total
Oilseed Sunflowers	2,000.00	Pound	\$0.14	\$280.00	\$34,160.00
Total Revenue				\$280.00	\$34,160.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs					
Herbicide					
Herbicide and Apply Oilseed Sunflowers	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	\$0.58	\$40.46	\$4,936.12
Fertilizer (P) - Liquid	24	Pound	\$0.74	\$17.64	\$2,152.08
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	\$9.00	\$72.00	\$8,784.00
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	\$3.00	\$11.40	\$1,390.80
Gasoline					
Pickup/General Use Equipment	1	Acre	\$4.50	\$4.50	\$548.44
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%	\$7.59	\$925.45
Total Variable Costs				\$313.25	\$38,216.63
Planned Returns Above Variable Costs:				(\$33.25)	(\$4,056.63)
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				\$523.50	\$63,867.13
Returns Above Specified Costs				(\$243.50)	(\$29,707.13)
Breakeven Price to Cover Total Costs			\$0.26	Pound	

Example Breakeven Prices			
Example Yield Percent	Example Yield Pound	Price Needed to Cover Your Variable Costs	Price Needed to Cover Your Total Costs
75%	1500.00	\$0.21	\$0.35
90%	1800.00	\$0.17	\$0.29
100%	2000.00	\$0.16	\$0.26
110%	2200.00	\$0.14	\$0.24
125%	2500.00	\$0.13	\$0.21

Developed by Jackie Smith, Professor and Extension Economist, Texas A&M AgriLife Extension.

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.