

**Projections for Planning Purposes Only -- Not to be Used without Updating**  
**2017 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	\$0.40	\$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 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	\$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%	\$7.20	\$878.24
Total Variable Costs					\$306.16	\$37,351.12
Planned Returns Above Variable Costs:					(\$26.16)	(\$3,191.12)
Breakeven Price to Cover Variable Costs				\$0.15	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					\$516.41	\$63,001.62
Returns Above Specified Costs					(\$236.41)	(\$28,841.62)
Breakeven Price to Cover Total Costs				\$0.26	Pound	

Example Breakeven Prices			
Example Yield	Example Yield	To Cover Variable Costs	To Cover Total Costs
Percent	Pound		
75%	1500.00	\$0.20	\$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.**