

**Projections for Planning Purposes Only -- Not to be Used without Updating**  
**2015 Estimated Costs and Returns per Acre**  
**Irrigated Sunflowers - Oilseed - 122 Acres**  
**South Plains Extension District - 2**

Crop Acres		122			
<b>REVENUE</b>					
	Quantity	Units	\$/Unit	Total	Enterprise Total
Oilseed Sunflowers	2,000.00	Pound	\$0.14	\$280.00	\$34,160.00
<b>Total Revenue</b>				<b>\$280.00</b>	<b>\$34,160.00</b>
<b>VARIABLE COSTS</b>					
	Quantity	Units	\$/Unit	Total	Enterprise Total
<b>Production Costs</b>					
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
Herbicide					
Herbicide and Apply Oilseed Sunflowers	1	Acre	\$34.75	\$34.75	\$4,239.50
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	2	Gallon	\$2.25	\$4.50	\$549.00
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%	\$6.57	\$801.21
<b>Total Variable Costs</b>				<b>\$312.24</b>	<b>\$38,092.95</b>
Planned Returns Above Variable Costs:				<b>(\$32.24)</b>	<b>(\$3,932.95)</b>
Breakeven Price to Cover Variable Costs			\$0.16	Pound	
<b>FIXED COSTS</b>					
	Quantity	Units	\$/Unit	Total	Enterprise Total
Equipment Investment					
Pickup/General Use Equipment	\$17.89	Dollars	7.00%	\$1.25	\$152.78
Irrigation Equipment	\$785.72	Dollars	7.00%	\$55.00	\$6,710.01
Tractors/Self-Propelled	\$171.40	Dollars	7.00%	\$12.00	\$1,463.76
Implements	\$142.90	Dollars	7.00%	\$10.00	\$1,220.37
Whole Farm Insurance	1	Acre	\$2.00	\$2.00	\$244.00
Cash Rent - Sunflowers Irrigated	1	Acre	\$100.00	\$100.00	\$12,200.00
<b>Total Fixed Costs</b>				<b>\$180.25</b>	<b>\$21,990.91</b>
<b>Total Specified Costs</b>				<b>\$492.49</b>	<b>\$60,083.85</b>
Returns Above Specified Costs				<b>(\$212.49)</b>	<b>(\$25,923.85)</b>
<b>Breakeven Price to Cover Total Costs</b>			<b>\$0.25</b>	<b>Pound</b>	

Example Breakeven Prices						
Example Yield Percent	Example Yield Pound	Price Needed to Cover Example Variable Costs		Price Needed to Cover Example Total Costs		
		Own/Rent	ShareTenant	Own/Rent	ShareTenant	Landlord
75%	1500.00	\$0.21	\$0.21	\$0.33	\$0.33	\$0.00
90%	1800.00	\$0.17	\$0.17	\$0.27	\$0.27	\$0.00
100%	2000.00	\$0.16	\$0.16	\$0.25	\$0.25	\$0.00
110%	2200.00	\$0.14	\$0.14	\$0.22	\$0.22	\$0.00
125%	2500.00	\$0.12	\$0.12	\$0.20	\$0.20	\$0.00

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.**