

**Projections for Planning Purposes Only -- Not to be Used without Updating**  
**2016 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
<b>Total Revenue</b>				<b>\$426.60</b>	<b>\$52,045.20</b>
VARIABLE COSTS				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	\$0.58	\$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 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	\$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%	\$7.90	\$963.50
<b>Total Variable Costs</b>				<b>\$330.19</b>	<b>\$40,283.53</b>
Planned Returns Above Variable Costs:				\$96.41	\$11,761.67
Breakeven Price to Cover Variable Costs			\$0.17	Pound	
FIXED COSTS				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
<b>Total Fixed Costs</b>				<b>\$210.25</b>	<b>\$25,650.50</b>
<b>Total Specified Costs</b>				<b>\$540.44</b>	<b>\$65,934.03</b>
Returns Above Specified Costs				(\$113.84)	(\$13,888.83)
<b>Breakeven Price to Cover Total Costs</b>			<b>\$0.27</b>	<b>Pound</b>	

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	\$0.22	\$0.36
90%	1800.00	\$0.18	\$0.30
100%	2000.00	\$0.17	\$0.27
110%	2200.00	\$0.15	\$0.25
125%	2500.00	\$0.13	\$0.22

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.**