

**Projections for Planning Purposes Only -- Not to be Used without Updating**  
**2018 Estimated Costs and Returns per Acre**  
**Irrigated Sunflowers - Confectionary**  
**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	Quantity	Units	\$/Unit	Total	Enterprise Total
<b>Production Costs</b>					
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	\$0.39	\$27.34	\$3,335.94
Fertilizer (P) - Liquid	24	Pound	\$0.57	\$13.76	\$1,679.29
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	\$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	\$2.30	\$8.74	\$1,066.28
Gasoline					
Pickup/General Use Equipment	1	Acre	\$6.00	\$6.00	\$732.00
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%	\$7.73	\$943.54
<b>Total Variable Costs</b>				<b>\$318.08</b>	<b>\$38,806.05</b>
<b>Planned Returns Above Variable Costs:</b>				<b>\$108.52</b>	<b>\$13,239.15</b>
Breakeven Price to Cover Variable Costs			\$0.16	Pound	
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
<b>Equipment Fixed Costs</b>					
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
<b>Total Fixed Costs</b>				<b>\$205.25</b>	<b>\$25,040.50</b>
<b>Total Specified Costs</b>				<b>\$523.33</b>	<b>\$63,846.55</b>
<b>Returns Above Specified Costs</b>				<b>(\$96.73)</b>	<b>(\$11,801.35)</b>
<b>Breakeven Price to Cover Total Costs</b>			<b>\$0.26</b>	<b>Pound</b>	

Example Breakeven Prices			
Exempl	Example	To Cover	To Cover
Yield	Yield	Variable	Total
Percent	Pound	Costs	Costs
75%	1500.00	\$0.21	\$0.35
90%	1800.00	\$0.18	\$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, 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.**