

**Projections for Planning Purposes Only -- Not to be Used without Updating**  
**2015 Estimated Costs and Returns per Acre**  
**Oilseed Sunflowers, Sprinkler Irrigated, Strip Tillage - 122 Acres**  
**Panhandle Extension District - 1**

Crop Acres		122				Enterprise
REVENUE	Quantity	Units	\$/Unit	Total	Total	Total
Oilseed Sunflowers	20.00	CWT	\$17.30	\$346.00	\$42,212.00	\$42,212.00
<b>Total Revenue</b>				<b>\$346.00</b>	<b>\$42,212.00</b>	<b>\$42,212.00</b>
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
<b>Production Costs</b>						
Seed						
Seed - Oilseed Sunflower	1	Acre	\$33.30	\$33.30	\$4,062.60	\$4,062.60
Fertilizer						
Fertilizer (N) - Liquid	70	Pound	\$0.55	\$38.50	\$4,697.00	\$4,697.00
Fertilizer (P) - Liquid	24	Pound	\$0.85	\$20.40	\$2,488.80	\$2,488.80
Custom						
Herbicide Application	3	Acre	\$5.10	\$15.30	\$1,866.60	\$1,866.60
Pesticide Application	1	Acre	\$5.00	\$5.00	\$610.00	\$610.00
Custom Harvest - Sorghum Dryland	1	Acre	\$21.85	\$21.85	\$2,665.70	\$2,665.70
Custom Haul - Sunflowers	20	CWT	\$0.37	\$7.40	\$902.80	\$902.80
Miscellaneous						
Crop Insurance Sunflowers - Irrigated	1	Acre	\$12.67	\$12.67	\$1,545.98	\$1,545.98
Herbicide						
Glyphosphate	3	Acre	\$4.50	\$13.50	\$1,647.00	\$1,647.00
2-4D	1	Acre	\$2.42	\$2.42	\$295.24	\$295.24
Prowel H2O	1	Acre	\$13.35	\$13.35	\$1,628.70	\$1,628.70
Insecticide						
Ammo	1	Acre	\$3.47	\$3.47	\$423.34	\$423.34
Seed Insecticide - Sunflower Irrigated	1	Acre	\$4.80	\$4.80	\$585.60	\$585.60
Irrigation						
Energy Cost	7.00	AcreInch	\$4.40	\$30.80	\$3,757.60	\$3,757.60
Irrigation Labor	0.45	Hour	\$11.75	\$5.26	\$642.21	\$642.21
Machinery Labor						
Tractors/Self-Propelled	0.47	Hour	\$11.75	\$5.52	\$673.75	\$673.75
Diesel Fuel						
Tractors/Self-Propelled	1.6	Gallon	\$3.30	\$5.28	\$644.16	\$644.16
Gasoline						
Pickup/General Use Equipment	1	Acre	\$13.48	\$13.48	\$1,644.50	\$1,644.50
Repairs & Maintenance						
Pickup/General Use Equipment	1	Acre	\$5.52	\$5.52	\$673.20	\$673.20
Irrigation Equipment	1	Acre	\$28.28	\$28.28	\$3,450.16	\$3,450.16
Tractors/Self-Propelled	1	Acre	\$2.82	\$2.82	\$344.63	\$344.63
Implements	1	Acre	\$8.79	\$8.79	\$1,071.79	\$1,071.79
Interest on Credit Line			4.90%	\$6.49	\$791.44	\$791.44
<b>Total Variable Costs</b>				<b>\$304.20</b>	<b>\$37,112.80</b>	<b>\$37,112.80</b>
Planned Returns Above Variable Costs:				\$41.80	\$5,099.20	\$5,099.20
Breakeven Price to Cover Variable Costs			\$15.21 CWT			
FIXED COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
Machinery Depreciation						
Pickup/General Use Equipment	1	Acre	\$5.79	\$5.79	\$706.86	\$706.86
Irrigation Equipment	1	Acre	\$22.50	\$22.50	\$2,745.60	\$2,745.60
Tractors/Self-Propelled	1	Acre	\$2.92	\$2.92	\$356.12	\$356.12
Implements	1	Acre	\$11.08	\$11.08	\$1,352.32	\$1,352.32
Equipment Investment						
Pickup/General Use Equipment	\$68.98	Dollars	5.40%	\$3.72	\$454.41	\$454.41
Irrigation Equipment	\$703.28	Dollars	5.40%	\$37.98	\$4,633.20	\$4,633.20
Tractors/Self-Propelled	\$32.96	Dollars	5.40%	\$1.78	\$217.12	\$217.12
Implements	\$86.21	Dollars	5.40%	\$4.66	\$567.97	\$567.97
Cash Rent - Sunflowers Irrigated	1	Acre	\$80.75	\$80.75	\$9,851.50	\$9,851.50
<b>Total Fixed Costs</b>				<b>\$171.19</b>	<b>\$20,885.10</b>	<b>\$20,885.10</b>
<b>Total Specified Costs</b>				<b>\$475.39</b>	<b>\$57,997.90</b>	<b>\$57,997.90</b>
Returns Above Specified Costs				(\$129.39)	(\$15,785.90)	(\$15,785.90)
Breakeven Price to Cover Total Costs			\$23.77 CWT			

Example Breakeven Prices						
Example Yield Percent	Example Yield CWT	Price Needed to Cover Example Variable Costs		Price Needed to Cover Example Total Costs		
		Own/Rent	ShareTenant	Own/Rent	ShareTenant	Landlord
75%	15.00	\$20.28	\$20.28	\$31.69	\$31.69	\$0.00
90%	18.00	\$16.90	\$16.90	\$26.41	\$26.41	\$0.00
100%	20.00	\$15.21	\$15.21	\$23.77	\$23.77	\$0.00
110%	22.00	\$13.83	\$13.83	\$21.61	\$21.61	\$0.00
125%	25.00	\$12.17	\$12.17	\$19.02	\$19.02	\$0.00

Developed by Steve Amosson, Regents Fellow, 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.**