

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

Crop Acres		122			
REVENUE	Quantity	Units	\$/Unit	Total	Enterprise Total
Confectionary Sunflowers	2,000.00	Pound	\$0.21	\$426.60	\$52,045.20
Total Revenue				\$426.60	\$52,045.20
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs					
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
Herbicide					
Herbicide and Apply Conf. Sunflowers	1	Acre	\$35.00	\$35.00	\$4,270.00
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	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%	\$6.88	\$839.24
Total Variable Costs				\$329.18	\$40,159.84
Planned Returns Above Variable Costs:				\$97.42	\$11,885.36
Breakeven Price to Cover Variable Costs			\$0.16	Pound	
FIXED COSTS	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
Total Fixed Costs				\$180.25	\$21,990.91
Total Specified Costs				\$509.43	\$62,150.75
Returns Above Specified Costs				(\$82.83)	(\$10,105.55)
Breakeven Price to Cover Total Costs			\$0.25	Pound	

Example Breakeven Prices						
Exempl Yield Perce	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	\$0.22	\$0.22	\$0.34	\$0.34	\$0.00
90%	1800.00	\$0.18	\$0.18	\$0.28	\$0.28	\$0.00
####	2000.00	\$0.16	\$0.16	\$0.25	\$0.25	\$0.00
####	2200.00	\$0.15	\$0.15	\$0.23	\$0.23	\$0.00
####	2500.00	\$0.13	\$0.13	\$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.