

Projections for Planning Purposes Only -- Not to be Used without Updating
2017 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	\$16.50	\$330.00	\$330.00	\$40,260.00
Total Revenue				\$330.00	\$330.00	\$40,260.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
Production Costs						
Herbicide						
Glyphosphate	3	Acre	\$4.40	\$13.20	\$13.20	\$1,610.40
2-4D	1	Acre	\$2.35	\$2.35	\$2.35	\$287.18
Prowel H2O	1	Acre	\$13.00	\$13.00	\$13.00	\$1,586.00
Seed						
Seed - Oilseed Sunflower	1	Acre	\$32.35	\$32.35	\$32.35	\$3,946.70
Fertilizer						
Fertilizer (N) - Liquid	70	Pound	\$0.41	\$28.70	\$28.70	\$3,501.40
Fertilizer (P) - Liquid	24	Pound	\$0.47	\$11.28	\$11.28	\$1,376.16
Custom						
Herbicide Application	3	Acre	\$5.00	\$15.00	\$15.00	\$1,830.00
Pesticide Application	1	Acre	\$5.00	\$5.00	\$5.00	\$610.00
Custom Harvest - Sorghum Dryland	1	Acre	\$25.00	\$25.00	\$25.00	\$3,050.00
Custom Haul - Sunflowers	20	CWT	\$0.45	\$9.00	\$9.00	\$1,098.00
Miscellaneous						
Crop Insurance Sunflowers - Irrigated	1	Acre	\$21.00	\$21.00	\$21.00	\$2,562.00
Insecticide						
Ammo	1	Acre	\$3.25	\$3.25	\$3.25	\$396.50
Seed Insecticide - Sunflower Irrigated	1	Acre	\$4.60	\$4.60	\$4.60	\$561.20
Irrigation						
Energy Cost	7.00	AcreInch	\$3.60	\$25.20	\$25.20	\$3,074.40
Irrigation Labor	0.45	Hour	\$12.45	\$5.58	\$5.58	\$680.47
Machinery Labor						
Tractors/Self-Propelled	0.46	Hour	\$12.25	\$5.64	\$5.64	\$687.47
Diesel Fuel						
Tractors/Self-Propelled	1.57	Gallon	\$1.81	\$2.84	\$2.84	\$346.69
Gasoline						
Pickup/General Use Equipment	1	Acre	\$8.70	\$8.70	\$8.70	\$1,061.50
Repairs & Maintenance						
Pickup/General Use Equipment	1	Acre	\$5.52	\$5.52	\$5.52	\$673.20
Irrigation Equipment	1	Acre	\$28.28	\$28.28	\$28.28	\$3,450.16
Tractors/Self-Propelled	1	Acre	\$3.28	\$3.28	\$3.28	\$400.46
Implements	1	Acre	\$8.82	\$8.82	\$8.82	\$1,075.74
Interest on Credit Line			5.40%	\$6.22	\$6.22	\$759.41
Total Variable Costs				\$283.81	\$283.81	\$34,625.04
Planned Returns Above Variable Costs:				\$46.19	\$46.19	\$5,634.96
Breakeven Price to Cover Variable Costs			\$14.19	CWT		
FIXED COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
Machinery Depreciation						
Pickup/General Use Equipment	1	Acre	\$5.79	\$5.79	\$5.79	\$706.86
Irrigation Equipment	1	Acre	\$28.80	\$28.80	\$28.80	\$3,513.75
Tractors/Self-Propelled	1	Acre	\$3.39	\$3.39	\$3.39	\$413.81
Implements	1	Acre	\$11.34	\$11.34	\$11.34	\$1,383.10
Equipment Investment						
Pickup/General Use Equipment	\$40.01	Dollars	5.65%	\$2.26	\$2.26	\$275.76
Irrigation Equipment	\$435.80	Dollars	5.65%	\$24.62	\$24.62	\$3,003.96
Tractors/Self-Propelled	\$26.42	Dollars	5.65%	\$1.49	\$1.49	\$182.14
Implements	\$48.50	Dollars	5.65%	\$2.74	\$2.74	\$334.29
Cash Rent - Sunflowers Irrigated	1	Acre	\$72.00	\$72.00	\$72.00	\$8,784.00
Total Fixed Costs				\$152.44	\$152.44	\$18,597.66
Total Specified Costs				\$436.25	\$436.25	\$53,222.70
Returns Above Specified Costs				(\$106.25)	(\$106.25)	(\$12,962.70)
Breakeven Price to Cover Total Costs			\$21.81	CWT		

Example Breakeven Prices

Examp	Example	To Cover	To Cover
Yield	Yield	Variable	Total
Percent	CWT	Costs	Costs
75%	15.00	\$18.92	\$29.08
90%	18.00	\$15.77	\$24.24
100%	20.00	\$14.19	\$21.81
110%	22.00	\$12.90	\$19.83
125%	25.00	\$11.35	\$17.45

Developed by Steve Amosson, Regents Fellow, Professor and Extension Economist, Texas A&M AgriLife Extension, 806-677-5600.

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.