

Projections for Planning Purposes Only -- Not to be Used without Updating
2018 Estimated Costs and Returns per Acre
Non-Irrigated Sunflowers (Non-Confectionary)
West Central Extension District - 7

Crop Acres		160			
REVENUE	Quantity	Units	\$/Unit	Total	Enterprise Total
Sunflowers	17.00	Cwt	\$16.50	\$280.50	\$44,880.00
Total Revenue				\$280.50	\$44,880.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs					
Herbicide					
Trifluralin	1.5	Pint	\$2.94	\$4.41	\$705.00
Seed					
sunflower - High Oleic	5	Pounds	\$7.60	\$38.00	\$6,080.00
Fertilizer					
Nitrogen N32-liq	96	Pounds	\$0.35	\$33.60	\$5,376.00
Phosphate	15	Pounds	\$0.27	\$4.06	\$650.00
Sulphur	5	Pounds	\$0.59	\$2.94	\$470.00
Custom					
Aerial Application	2	Acre	\$7.00	\$14.00	\$2,240.00
Custom Haul Sunflowers	60	Bushels	\$0.27	\$16.20	\$2,592.00
Custom Harvest Sunflowers	1	Acre	\$25.00	\$25.00	\$4,000.00
Miscellaneous					
Canola/Sunflower Crop Ins	1	Acre	\$12.42	\$12.42	\$1,987.20
Insecticide					
Prevathon	28	Ounce	\$1.29	\$36.15	\$5,783.75
Diesel Fuel					
Tractors/Self-Propelled	5.52	Gallon	\$2.15	\$11.87	\$1,898.88
Gasoline					
Pickup/General Use Equipment	1	Acre	\$0.90	\$0.90	\$144.00
Repairs & Maintenance					
Pickup/General Use Equipment	1	Acre	\$0.28	\$0.28	\$45.15
Tractors/Self-Propelled	1	Acre	\$12.73	\$12.73	\$2,037.59
Implements	1	Acre	\$10.12	\$10.12	\$1,619.34
Interest on Credit Line			6.00%	\$3.74	\$598.19
Total Variable Costs				\$226.42	\$36,227.10
Planned Returns Above Variable Costs:				\$54.08	\$8,652.90
Breakeven Price to Cover Variable Costs			\$13.32 Cwt		
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Machinery Depreciation					
Pickup/General Use Equipment	1	Acre	\$0.59	\$0.59	\$94.50
Tractors/Self-Propelled	1	Acre	\$14.00	\$14.00	\$2,239.87
Implements	1	Acre	\$13.58	\$13.58	\$2,173.43
Equipment Investment					
Pickup/General Use Equipment	\$3.61	Dollars	6.00%	\$0.22	\$34.65
Tractors/Self-Propelled	\$108.67	Dollars	6.00%	\$6.52	\$1,043.21
Implements	\$58.11	Dollars	6.00%	\$3.49	\$557.85
Management Fee, Owner/Operator Labor	1	Acre	\$10.00	\$10.00	\$1,600.00
Rent-Dryland Crop	1	Acre	\$35.00	\$35.00	\$5,600.00
Total Fixed Costs				\$83.40	\$13,343.51
Total Specified Costs				\$309.82	\$49,570.61
Returns Above Specified Costs				(\$29.32)	(\$4,690.61)
Breakeven Price to Cover Total Costs			\$18.22 Cwt		

Example Breakeven Prices			
Exampit Yield Percent	Example Yield Cwt	To Cover Variable Costs	To Cover Total Costs
75%	12.75	\$17.76	\$24.30
90%	15.30	\$14.80	\$20.25
100%	17.00	\$13.32	\$18.22
110%	18.70	\$12.11	\$16.57
125%	21.25	\$10.66	\$14.58

Developed by Bill Thompson, Associate Professor and Extension Economist, Texas A&M AgriLife Extension Service, 325-653-4576.

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.