

Projections for Planning Purposes Only -- *Not to be Used without Updating*
2017 Estimated Costs and Returns per Acre
Non-Irrigated Sunflowers (Non-Confectionary) - 160 Acres
West Central Extension District - 7

Crop Acres		160				
REVENUE		Quantity	Units	\$/Unit	Total	Enterprise Total
Sunflowers		17.00	Cwt	\$15.00	\$255.00	\$40,800.00
Total Revenue					\$255.00	\$40,800.00
VARIABLE COSTS		Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs						
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
Fertilizer						
Phosphate		15	Pounds	\$0.27	\$4.06	\$650.00
Nitrogen N32-liq		96	Pounds	\$0.39	\$37.50	\$6,000.00
Sulphur		5	Pounds	\$0.59	\$2.94	\$470.00
Herbicide						
Trifluralin		1.5	Pint	\$2.94	\$4.41	\$705.00
Insecticide						
Prevathon		28	Ounce	\$1.29	\$36.15	\$5,783.75
Miscellaneous						
Canola/Sunflower Crop Ins		1	Acre	\$12.42	\$12.42	\$1,987.20
Seed						
sunflower - High Oleic		5	Pounds	\$7.60	\$38.00	\$6,080.00
Diesel Fuel						
Tractors/Self-Propelled		5.49	Gallon	\$1.75	\$9.61	\$1,537.20
Gasoline						
Pickup/General Use Equipment		1	Acre	\$0.75	\$0.75	\$120.00
Repairs & Maintenance						
Pickup/General Use Equipment		1	Acre	\$0.28	\$0.28	\$45.15
Tractors/Self-Propelled		1	Acre	\$12.51	\$12.51	\$2,001.16
Implements		1	Acre	\$10.25	\$10.25	\$1,640.60
Interest on Credit Line				5.25%	\$3.29	\$525.82
Total Variable Costs					\$227.36	\$36,377.88
Planned Returns Above Variable Costs:					\$27.64	\$4,422.12
Breakeven Price to Cover Variable Costs				\$13.37	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	\$13.86	\$13.86	\$2,217.71
Implements		1	Acre	\$13.78	\$13.78	\$2,204.12
Equipment Investment						
Pickup/General Use Equipment		\$3.61	Dollars	5.25%	\$0.19	\$30.32
Tractors/Self-Propelled		\$107.54	Dollars	5.25%	\$5.65	\$903.37
Implements		\$58.93	Dollars	5.25%	\$3.09	\$495.01
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					\$82.16	\$13,145.03
Total Specified Costs					\$309.52	\$49,522.90
Returns Above Specified Costs					(\$54.52)	(\$8,722.90)
Breakeven Price to Cover Total Costs				\$18.21	Cwt	

Example Breakeven Prices

Example Yield Percent	Example Yield Cwt	To Cover Variable Costs	To Cover Total Costs
75%	12.75	\$17.83	\$24.28
90%	15.30	\$14.86	\$20.23
100%	17.00	\$13.37	\$18.21
110%	18.70	\$12.16	\$16.55
125%	21.25	\$10.70	\$14.57

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.