

Projections for Planning Purposes Only -- Not to be Used without Updating
2017 Estimated Costs and Returns per Acre
Irrigated Canola - 122 Acres
Southwest Extension District - 10

Crop Acres		122				Enterprise
REVENUE	Quantity	Units	\$/Unit	Total	Total	Total
Canola	55.00	Bushel	\$7.48	\$411.40	\$411.40	\$50,190.80
Total Revenue				\$411.40		\$50,190.80
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
Production Costs						
Seed						
Canola RR Seed	4	Pound	\$6.80	\$27.20		\$3,318.40
Fertilizer						
UAN(32% N)	3.72	CWT	\$12.00	\$44.64		\$5,446.08
Fertilizer 18-46-0	108	Pound	\$0.22	\$23.76		\$2,898.72
Custom						
Haul Canola	55	Bushel	\$0.14	\$7.70		\$939.40
Herbicide						
Glyphosate	2.75	Pint	\$2.25	\$6.19		\$754.88
2, 4-D Amine 4	16	Ounce	\$0.14	\$2.24		\$273.28
Insecticide						
Lorsban 4E	2	Pint	\$5.03	\$10.06		\$1,227.32
Miscellaneous						
Crop Insurance - Canola Irrigated	1	Acre	\$18.00	\$18.00		\$2,196.00
Miscellaneous Canola Overhead	1	Acre	\$4.00	\$4.00		\$488.00
Other Labor						
Hand Labor	0.1167	Hour	\$8.50	\$0.99		\$121.02
Irrigation						
Energy Cost	390.00	kWh	\$0.17	\$66.30		\$8,088.60
Irrigation Labor	0.02	Hour	\$11.00	\$0.26		\$32.21
Machinery Labor						
Tractors/Self-Propelled	1.13	Hour	\$12.00	\$13.56		\$1,654.32
Diesel Fuel						
Tractors/Self-Propelled	8.01	Gallon	\$1.83	\$14.66		\$1,788.31
Gasoline						
Pickup/General Use Equipment	1	Acre	\$20.23	\$20.23		\$2,467.54
Repairs & Maintenance						
Pickup/General Use Equipment	1	Acre	\$4.84	\$4.84		\$590.37
Irrigation Equipment	1	Acre	\$4.06	\$4.06		\$494.83
Tractors/Self-Propelled	1	Acre	\$25.37	\$25.37		\$3,095.32
Implements	1	Acre	\$15.91	\$15.91		\$1,941.29
Interest on Credit Line			6.50%	\$8.29		\$1,011.87
Total Variable Costs				\$318.26		\$38,827.77
Planned Returns Above Variable Costs:				\$93.14		\$11,363.03
Breakeven Price to Cover Variable Costs			\$5.79	Bushel		
FIXED COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
Machinery Depreciation						
Pickup/General Use Equipment	1	Acre	\$25.20	\$25.20		\$3,074.85
Irrigation Equipment	1	Acre	\$34.75	\$34.75		\$4,239.44
Tractors/Self-Propelled	1	Acre	\$26.12	\$26.12		\$3,186.82
Implements	1	Acre	\$19.85	\$19.85		\$2,421.66
Equipment Investment						
Pickup/General Use Equipment	\$105.02	Dollars	6.50%	\$6.83		\$832.77
Irrigation Equipment	\$260.62	Dollars	6.50%	\$16.94		\$2,066.73
Tractors/Self-Propelled	\$198.88	Dollars	6.50%	\$12.93		\$1,577.14
Implements	\$93.59	Dollars	6.50%	\$6.08		\$742.16
Irrigated Winter Garden Rent	1	Acre	\$50.00	\$50.00		\$6,100.00
Total Fixed Costs				\$198.70		\$24,241.57
Total Specified Costs				\$516.96		\$63,069.33
Returns Above Specified Costs						(\$105.56)
Breakeven Price to Cover Total Costs			\$9.40	Bushel		(\$12,878.53)

Example Breakeven Prices			
Example Yield Percent	Example Yield Bushel	To Cover Variable Costs	To Cover Total Costs
75%	41.25	\$7.72	\$12.53
90%	49.50	\$6.43	\$10.44
100%	55.00	\$5.79	\$9.40
110%	60.50	\$5.26	\$8.54
125%	68.75	\$4.63	\$7.52

Developed by Rob Hogan, Associate Professor and Extension Economist, Texas A&M AgriLife Extension, 830-278-9151.

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.