

Projections for Planning Purposes Only -- Not to be Used without Updating
2019 Estimated Costs and Returns per Acre
Irrigated Canola
Southwest Extension District - 10

Crop Acres		122				
		Quantity	Units	\$/Unit	Total	Enterprise Total
REVENUE						
Canola		55.00	Bushel	\$7.48	\$411.40	\$50,190.80
Total Revenue					\$411.40	\$50,190.80
VARIABLE COSTS						
Production Costs						
Fertilizer						
UAN(32% N)		3.72	CWT	\$13.00	\$48.36	\$5,899.92
Fertilizer 18-46-0		108	Pound	\$0.29	\$31.32	\$3,821.04
Custom						
Haul Canola		55	Bushel	\$0.14	\$7.70	\$939.40
Insecticide						
Lorsban 4E		2	Pint	\$5.03	\$10.06	\$1,227.32
Seed						
Canola RR Seed		4	Pound	\$6.80	\$27.20	\$3,318.40
Herbicide						
Glyphosate		2.75	Pint	\$2.25	\$6.19	\$754.88
2, 4-D Amine 4		16	Ounce	\$0.17	\$2.72	\$331.84
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		396.00	kWh	\$0.17	\$67.32	\$8,213.04
Irrigation Labor		0.05	Hour	\$11.00	\$0.53	\$64.42
Machinery Labor						
Tractors/Self-Propelled		0.85	Hour	\$12.00	\$10.20	\$1,244.40
Other Labor		0.28	Hour	\$8.50	\$2.38	\$290.36
Diesel Fuel						
Tractors/Self-Propelled		7.95	Gallon	\$2.99	\$23.77	\$2,900.00
Gasoline						
Pickup/General Use Equipment		1	Acre	\$27.97	\$27.97	\$3,412.06
Repairs & Maintenance						
Pickup/General Use Equipment		1	Acre	\$4.84	\$4.84	\$590.37
Irrigation Equipment		1	Acre	\$3.73	\$3.73	\$455.39
Tractors/Self-Propelled		1	Acre	\$25.98	\$25.98	\$3,169.26
Implements		1	Acre	\$16.27	\$16.27	\$1,984.67
Interest on Credit Line						
				6.50%	\$9.40	\$1,146.35
Total Variable Costs					\$348.92	\$42,568.13
Planned Returns Above Variable Costs:					\$62.48	\$7,622.67
Breakeven Price to Cover Variable Costs					\$6.34	Bushel
FIXED COSTS						
Machinery Depreciation						
Pickup/General Use Equipment		1	Acre	\$25.20	\$25.20	\$3,074.85
Irrigation Equipment		1	Acre	\$80.58	\$80.58	\$9,831.25
Tractors/Self-Propelled		1	Acre	\$26.81	\$26.81	\$3,270.83
Implements		1	Acre	\$20.36	\$20.36	\$2,484.27
Equipment Investment						
Pickup/General Use Equipment		\$105.02	Dollars	6.50%	\$6.83	\$832.77
Irrigation Equipment		\$646.00	Dollars	6.50%	\$41.99	\$5,122.81
Tractors/Self-Propelled		\$204.09	Dollars	6.50%	\$13.27	\$1,618.46
Implements		\$96.16	Dollars	6.50%	\$6.25	\$762.55
Irrigated Winter Garden Rent		1	Acre	\$50.00	\$50.00	\$6,100.00
Total Fixed Costs					\$271.29	\$33,097.79
Total Specified Costs					\$620.21	\$75,665.91
Returns Above Specified Costs					(\$208.81)	(\$25,475.11)
Breakeven Price to Cover Total Costs					\$11.28	Bushel

Example Breakeven Prices			
Example Yield Percent	Example Yield Bushel	To Cover Variable Costs	To Cover Total Costs
75%	41.25	\$8.46	\$15.04
90%	49.50	\$7.05	\$12.53
100%	55.00	\$6.34	\$11.28
110%	60.50	\$5.77	\$10.25
125%	68.75	\$5.08	\$9.02

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.