

Projections for Planning Purposes Only -- Not to be Used without Updating
2018 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	\$17.00	\$63.24	\$7,715.28
Fertilizer 18-46-0		108	Pound	\$0.24	\$25.92	\$3,162.24
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	\$0.14	\$2.24	\$273.28
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		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	\$2.14	\$17.01	\$2,075.59
Gasoline						
Pickup/General Use Equipment		1	Acre	\$23.13	\$23.13	\$2,821.74
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	\$3,094.72
Implements		1	Acre	\$15.87	\$15.87	\$1,935.58
Interest on Credit Line				6.50%	\$9.58	\$1,169.09
Total Variable Costs					\$344.54	\$42,033.30
Planned Returns Above Variable Costs:					\$66.86	\$8,157.50
Breakeven Price to Cover Variable Costs					\$6.26	Bushel
FIXED COSTS						
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	\$26.22	\$26.22	\$3,198.82
Implements		1	Acre	\$19.85	\$19.85	\$2,421.20
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		\$199.67	Dollars	6.50%	\$12.98	\$1,583.39
Implements		\$93.77	Dollars	6.50%	\$6.10	\$743.62
Irrigated Winter Garden Rent		1	Acre	\$50.00	\$50.00	\$6,100.00
Total Fixed Costs					\$198.86	\$24,260.81
Total Specified Costs					\$543.39	\$66,294.11
Returns Above Specified Costs					(\$131.99)	(\$16,103.31)
Breakeven Price to Cover Total Costs					\$9.88	Bushel

Example Breakeven Prices			
Example Yield Percent	Example Yield Bushel	To Cover Variable Costs	To Cover Total Costs
75%	41.25	\$8.35	\$13.17
90%	49.50	\$6.96	\$10.98
100%	55.00	\$6.26	\$9.88
110%	60.50	\$5.69	\$8.98
125%	68.75	\$5.01	\$7.90

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.