

Projections for Planning Purposes Only -- Not to be Used without Updating
2020 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	\$7.50	\$412.50	\$50,325.00
Total Revenue					\$412.50	\$50,325.00
VARIABLE COSTS						
Production Costs						
Fertilizer						
UAN(32% N)		3.72	CWT	\$12.95	\$48.17	\$5,877.23
Fertilizer 18-46-0		108	Pound	\$0.25	\$26.46	\$3,228.12
Custom						
Haul Canola		55	Bushel	\$0.14	\$7.70	\$939.40
Insecticide						
Lorsban 4E		2	Pint	\$4.52	\$9.04	\$1,102.64
Seed						
Canola RR Seed		4	Pound	\$6.80	\$27.20	\$3,318.40
Herbicide						
Glyphosate		2.75	Pint	\$1.63	\$4.49	\$547.37
2, 4-D Amine 4		16	Ounce	\$0.15	\$2.37	\$289.02
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	\$2.49	\$19.80	\$2,415.05
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	\$3.73	\$3.73	\$455.39
Tractors/Self-Propelled		1	Acre	\$27.65	\$27.65	\$3,373.34
Implements		1	Acre	\$17.25	\$17.25	\$2,104.43
Interest on Credit Line						
				6.50%	\$9.01	\$1,099.47
Total Variable Costs					\$334.26	\$40,779.20
Planned Returns Above Variable Costs:					\$78.24	\$9,545.80
Breakeven Price to Cover Variable Costs					\$6.08	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	\$28.71	\$28.71	\$3,502.80
Implements		1	Acre	\$21.60	\$21.60	\$2,634.68
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		\$218.61	Dollars	6.50%	\$14.21	\$1,733.57
Implements		\$101.40	Dollars	6.50%	\$6.59	\$804.12
Irrigated Winter Garden Rent		1	Acre	\$50.00	\$50.00	\$6,100.00
Total Fixed Costs					\$275.71	\$33,636.85
Total Specified Costs					\$609.97	\$74,416.05
Returns Above Specified Costs					(\$197.47)	(\$24,091.05)
Breakeven Price to Cover Total Costs					\$11.09	Bushel

Example Breakeven Prices			
Example Yield Percent	Example Yield Bushel	To Cover Variable Costs	To Cover Total Costs
75%	41.25	\$8.10	\$14.79
90%	49.50	\$6.75	\$12.32
100%	55.00	\$6.08	\$11.09
110%	60.50	\$5.52	\$10.08
125%	68.75	\$4.86	\$8.87

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.