

Projections for Planning Purposes Only -- Not to be Used without Updating
2016 Estimated Costs and Returns per Acre
Roundup Ready Canola, Sprinkler Irrigated (NG) - 122 Acres
Panhandle Extension District - 1

Crop Acres		122				Enterprise
REVENUE	Quantity	Units	\$/Unit	Total	Total	Total
Canola	22.00	CWT	\$13.33	\$293.26	\$35,777.72	\$35,777.72
Total Revenue				\$293.26	\$35,777.72	
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
Production Costs						
Seed						
Seed - Roundup Ready Canola	5	Pound	\$6.86	\$34.30	\$4,184.50	
Seed Treatment - Canola	1	Acre	\$6.66	\$6.66	\$812.29	
Fertilizer						
Fertilizer (N) - Dry	30	Pound	\$0.42	\$12.60	\$1,537.20	
Fertilizer (N) - Liquid	60	Pound	\$0.53	\$31.80	\$3,879.60	
Custom						
Fertilizer Application	1	Acre	\$5.65	\$5.65	\$689.45	
Custom Haul - Canola	22	CWT	\$0.44	\$9.72	\$1,185.86	
Custom Harvest - Canola Irrigated	1	Acre	\$24.87	\$24.87	\$3,033.59	
Herbicide						
Herbicide and Apply Canola	1	Acre	\$14.20	\$14.20	\$1,732.57	
Insecticide						
Insecticide and Apply Canola Irrigated	1	Acre	\$22.88	\$22.88	\$2,791.58	
Irrigation						
Energy Cost	10.00	AcreInch	\$3.20	\$32.00	\$3,904.00	
Irrigation Labor	0.64	Hour	\$12.16	\$7.78	\$949.37	
Machinery Labor						
Tractors/Self-Propelled	0.87	Hour	\$11.97	\$10.41	\$1,270.22	
Diesel Fuel						
Tractors/Self-Propelled	2.13	Gallon	\$1.97	\$4.20	\$511.92	
Gasoline						
Pickup/General Use Equipment	1	Acre	\$4.22	\$4.22	\$515.00	
Repairs & Maintenance						
Pickup/General Use Equipment	1	Acre	\$2.51	\$2.51	\$306.00	
Irrigation Equipment	1	Acre	\$40.40	\$40.40	\$4,928.80	
Tractors/Self-Propelled	1	Acre	\$3.22	\$3.22	\$392.74	
Implements	1	Acre	\$7.79	\$7.79	\$949.88	
Interest on Credit Line			5.15%	\$7.10	\$865.85	
Total Variable Costs				\$282.30	\$34,440.42	
Planned Returns Above Variable Costs:				\$10.96	\$1,337.30	
Breakeven Price to Cover Variable Costs			\$12.83	CWT		
FIXED COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
Machinery Depreciation						
Pickup/General Use Equipment	1	Acre	\$2.63	\$2.63	\$321.30	
Irrigation Equipment	1	Acre	\$22.50	\$22.50	\$2,745.60	
Tractors/Self-Propelled	1	Acre	\$3.18	\$3.18	\$388.43	
Implements	1	Acre	\$9.84	\$9.84	\$1,200.43	
Equipment Investment						
Pickup/General Use Equipment	\$18.18	Dollars	5.40%	\$0.98	\$119.80	
Irrigation Equipment	\$421.97	Dollars	5.40%	\$22.79	\$2,779.92	
Tractors/Self-Propelled	\$24.80	Dollars	5.40%	\$1.34	\$163.40	
Implements	\$42.09	Dollars	5.40%	\$2.27	\$277.30	
Cash Rent - Canola Irrigated	1	Acre	\$75.00	\$75.00	\$9,150.00	
Total Fixed Costs				\$140.54	\$17,146.18	
Total Specified Costs				\$422.84	\$51,586.60	
Returns Above Specified Costs				(\$129.58)	(\$15,808.88)	
Breakeven Price to Cover Total Costs			\$19.22	CWT		

Example Breakeven Prices			
Example	Example	Price Needed to Cover	Price Needed to Cover
Yield	Yield	Your Variable Costs	Your Total Costs
Percent	CWT		
75%	16.50	\$17.11	\$25.63
90%	19.80	\$14.26	\$21.36
100%	22.00	\$12.83	\$19.22
110%	24.20	\$11.67	\$17.47
125%	27.50	\$10.27	\$15.38

Developed by Steve Amosson, Regents Fellow, Professor and Extension Economist, Texas A&M AgriLife Extension.

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.