

Projections for Planning Purposes Only -- Not to be Used without Updating
2019 Estimated Costs and Returns per Acre
Roundup Ready Canola, Sprinkler Irrigated (NG)
Panhandle Extension District - 1

Crop Acres		122			
REVENUE	Quantity	Units	\$/Unit	Total	Enterprise Total
Canola	22.00	CWT	\$15.25	\$335.50	\$40,931.00
Total Revenue				\$335.50	\$40,931.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs					
Fertilizer					
Fertilizer (N) - Liquid	55	Pound	\$0.47	\$25.85	\$3,153.70
Fertilizer (N) - Dry	25	Pound	\$0.38	\$9.50	\$1,159.00
Custom					
Fertilizer Application	1	Acre	\$5.12	\$5.12	\$624.64
Custom Harvest - Canola Irrigated	1	Acre	\$27.40	\$27.40	\$3,342.80
Custom Haul - Canola	22	CWT	\$0.46	\$10.12	\$1,234.64
Insecticide					
Insecticide and Apply Canola Irrigated	1	Acre	\$23.65	\$23.65	\$2,885.30
Seed					
Seed - Roundup Ready Canola	5	Pound	\$6.40	\$32.00	\$3,904.00
Seed Treatment - Canola	1	Acre	\$6.78	\$6.78	\$827.16
Herbicide					
Herbicide and Apply Canola	1	Acre	\$14.85	\$14.85	\$1,811.70
Irrigation					
Energy Cost	10.00	AcreInch	\$3.40	\$34.00	\$4,148.00
Irrigation Labor	0.64	Hour	\$13.24	\$8.47	\$1,033.78
Machinery Labor					
Tractors/Self-Propelled	0.5	Hour	\$13.03	\$6.52	\$794.83
Other Labor	0.56	Hour	\$13.03	\$7.30	\$890.21
Diesel Fuel					
Tractors/Self-Propelled	2.65	Gallon	\$2.33	\$6.17	\$753.29
Gasoline					
Pickup/General Use Equipment	1	Acre	\$4.82	\$4.82	\$587.50
Repairs & Maintenance					
Pickup/General Use Equipment	1	Acre	\$2.51	\$2.51	\$306.00
Irrigation Equipment	1	Acre	\$37.50	\$37.50	\$4,575.00
Tractors/Self-Propelled	1	Acre	\$4.46	\$4.46	\$544.20
Implements	1	Acre	\$11.68	\$11.68	\$1,425.18
Interest on Credit Line			6.04%	\$8.70	\$1,061.40
Total Variable Costs				\$287.40	\$35,062.34
Planned Returns Above Variable Costs:				\$48.10	\$5,868.66
Breakeven Price to Cover Variable Costs			\$13.06	CWT	
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Machinery Depreciation					
Pickup/General Use Equipment	1	Acre	\$2.63	\$2.63	\$321.30
Irrigation Equipment	1	Acre	\$33.50	\$33.50	\$4,087.50
Tractors/Self-Propelled	1	Acre	\$4.46	\$4.46	\$544.07
Implements	1	Acre	\$14.93	\$14.93	\$1,821.97
Equipment Investment					
Pickup/General Use Equipment	\$18.18	Dollars	6.32%	\$1.15	\$140.21
Irrigation Equipment	\$470.29	Dollars	6.32%	\$29.72	\$3,626.10
Tractors/Self-Propelled	\$34.74	Dollars	6.32%	\$2.20	\$267.87
Implements	\$63.89	Dollars	6.32%	\$4.04	\$492.58
Cash Rent - Canola Irrigated	1	Acre	\$72.00	\$72.00	\$8,784.00
Total Fixed Costs				\$164.64	\$20,085.61
Total Specified Costs				\$452.03	\$55,147.94
Returns Above Specified Costs				(\$116.53)	(\$14,216.94)
Breakeven Price to Cover Total Costs			\$20.55	CWT	

Example Breakeven Prices			
Example Yield Percent	Example Yield CWT	To Cover Variable Costs	To Cover Total Costs
75%	16.50	\$17.42	\$27.40
90%	19.80	\$14.51	\$22.83
100%	22.00	\$13.06	\$20.55
110%	24.20	\$11.88	\$18.68
125%	27.50	\$10.45	\$16.44

Developed by DeDe Jones, Extension Risk Management Specialist III, Texas A&M AgriLife Extension, 806-677-5600.

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.