

**Projections for Planning Purposes Only -- Not to be Used without Updating**  
**2020 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	\$15.00	\$330.00	\$40,260.00
Total Revenue				\$330.00	\$40,260.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
<b>Production Costs</b>					
Fertilizer					
Fertilizer (N) - Liquid	55	Pound	\$0.48	\$26.50	\$3,232.54
Fertilizer (N) - Dry	25	Pound	\$0.39	\$9.74	\$1,187.98
Custom					
Fertilizer Application	1	Acre	\$5.35	\$5.35	\$652.76
Custom Harvest - Canola Irrigated	1	Acre	\$28.63	\$28.63	\$3,493.27
Custom Haul - Canola	22	CWT	\$0.48	\$10.58	\$1,290.22
Insecticide					
Insecticide and Apply Canola Irrigated	1	Acre	\$24.73	\$24.73	\$3,016.94
Seed					
Seed - Roundup Ready Canola	5	Pound	\$6.24	\$31.21	\$3,807.15
Seed Treatment - Canola	1	Acre	\$7.09	\$7.09	\$864.64
Herbicide					
Herbicide and Apply Canola	1	Acre	\$15.56	\$15.56	\$1,898.62
Irrigation					
Energy Cost	10.00	AcreInch	\$3.96	\$39.60	\$4,831.20
Irrigation Labor	0.64	Hour	\$13.65	\$8.74	\$1,065.79
Machinery Labor					
Tractors/Self-Propelled	0.5	Hour	\$13.43	\$6.72	\$819.23
Other Labor	0.56	Hour	\$13.43	\$7.52	\$917.54
Diesel Fuel					
Tractors/Self-Propelled	2.62	Gallon	\$2.33	\$6.10	\$744.76
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	\$4.61	\$4.61	\$562.88
Implements	1	Acre	\$11.39	\$11.39	\$1,389.48
Interest on Credit Line			6.25%	\$9.20	\$1,121.93
Total Variable Costs				\$298.08	\$36,365.43
Planned Returns Above Variable Costs:				\$31.92	\$3,894.57
Breakeven Price to Cover Variable Costs			\$13.55 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	\$4.61	\$4.61	\$562.88
Implements	1	Acre	\$14.71	\$14.71	\$1,794.32
Equipment Investment					
Pickup/General Use Equipment	\$18.18	Dollars	6.25%	\$1.14	\$138.66
Irrigation Equipment	\$470.29	Dollars	6.25%	\$29.39	\$3,585.94
Tractors/Self-Propelled	\$35.94	Dollars	6.25%	\$2.25	\$274.06
Implements	\$62.92	Dollars	6.25%	\$3.93	\$479.73
Cash Rent - Canola Irrigated	1	Acre	\$76.00	\$76.00	\$9,272.00
Total Fixed Costs				\$168.17	\$20,516.39
Total Specified Costs				\$466.24	\$56,881.82
Returns Above Specified Costs				(\$136.24)	(\$16,621.82)
Breakeven Price to Cover Total Costs			\$21.19 CWT		

Example Breakeven Prices			
Example Yield Percent	Example Yield CWT	To Cover Variable Costs	To Cover Total Costs
75%	16.50	\$18.07	\$28.26
90%	19.80	\$15.05	\$23.55
100%	22.00	\$13.55	\$21.19
110%	24.20	\$12.32	\$19.27
125%	27.50	\$10.84	\$16.95

Developed by Justin Benavidez, Assistant Professor, 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.**