

Projections for Planning Purposes Only -- Not to be Used without Updating
2017 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	Enterprise Total
Canola	22.00	CWT	\$13.90	\$305.80	\$37,307.60	\$37,307.60
Total Revenue				\$305.80	\$37,307.60	\$37,307.60
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise Total
Production Costs						
Fertilizer						
Fertilizer (N) - Liquid	60	Pound	\$0.41	\$24.60	\$3,001.20	\$3,001.20
Fertilizer (N) - Dry	30	Pound	\$0.33	\$9.90	\$1,207.80	\$1,207.80
Custom						
Fertilizer Application	1	Acre	\$5.00	\$5.00	\$610.00	\$610.00
Custom Harvest - Canola Irrigated	1	Acre	\$26.75	\$26.75	\$3,263.50	\$3,263.50
Custom Haul - Canola	22	CWT	\$0.45	\$9.90	\$1,207.80	\$1,207.80
Insecticide						
Insecticide and Apply Canola Irrigated	1	Acre	\$22.90	\$22.90	\$2,793.80	\$2,793.80
Seed						
Seed - Roundup Ready Canola	5	Pound	\$6.60	\$33.00	\$4,026.00	\$4,026.00
Seed Treatment - Canola	1	Acre	\$6.70	\$6.70	\$817.40	\$817.40
Herbicide						
Herbicide and Apply Canola	1	Acre	\$14.30	\$14.30	\$1,744.60	\$1,744.60
Irrigation						
Energy Cost	10.00	AcreInch	\$3.60	\$36.00	\$4,392.00	\$4,392.00
Irrigation Labor	0.64	Hour	\$12.45	\$7.97	\$972.10	\$972.10
Machinery Labor						
Tractors/Self-Propelled	1.06	Hour	\$12.25	\$12.99	\$1,584.17	\$1,584.17
Diesel Fuel						
Tractors/Self-Propelled	2.65	Gallon	\$1.81	\$4.80	\$585.17	\$585.17
Gasoline						
Pickup/General Use Equipment	1	Acre	\$3.95	\$3.95	\$482.50	\$482.50
Repairs & Maintenance						
Pickup/General Use Equipment	1	Acre	\$2.51	\$2.51	\$306.00	\$306.00
Irrigation Equipment	1	Acre	\$40.40	\$40.40	\$4,928.80	\$4,928.80
Tractors/Self-Propelled	1	Acre	\$4.65	\$4.65	\$567.21	\$567.21
Implements	1	Acre	\$10.96	\$10.96	\$1,337.67	\$1,337.67
Interest on Credit Line			5.40%	\$7.04	\$858.54	\$858.54
Total Variable Costs				\$284.31	\$34,686.27	\$34,686.27
Planned Returns Above Variable Costs:				\$21.49	\$2,621.33	\$2,621.33
Breakeven Price to Cover Variable Costs			\$12.92	CWT		
FIXED COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise Total
Machinery Depreciation						
Pickup/General Use Equipment	1	Acre	\$2.63	\$2.63	\$321.30	\$321.30
Irrigation Equipment	1	Acre	\$33.50	\$33.50	\$4,087.50	\$4,087.50
Tractors/Self-Propelled	1	Acre	\$4.65	\$4.65	\$566.75	\$566.75
Implements	1	Acre	\$13.99	\$13.99	\$1,706.52	\$1,706.52
Equipment Investment						
Pickup/General Use Equipment	\$18.18	Dollars	5.65%	\$1.03	\$125.35	\$125.35
Irrigation Equipment	\$470.29	Dollars	5.65%	\$26.57	\$3,241.69	\$3,241.69
Tractors/Self-Propelled	\$36.19	Dollars	5.65%	\$2.04	\$249.46	\$249.46
Implements	\$59.84	Dollars	5.65%	\$3.38	\$412.46	\$412.46
Cash Rent - Canola Irrigated	1	Acre	\$72.00	\$72.00	\$8,784.00	\$8,784.00
Total Fixed Costs				\$159.80	\$19,495.02	\$19,495.02
Total Specified Costs				\$444.11	\$54,181.28	\$54,181.28
Returns Above Specified Costs				(\$138.31)	(\$16,873.68)	(\$16,873.68)
Breakeven Price to Cover Total Costs			\$20.19	CWT		

Example Breakeven Prices			
Example Yield Percent	Example Yield CWT	To Cover Variable Costs	To Cover Total Costs
75%	16.50	\$17.23	\$26.92
90%	19.80	\$14.36	\$22.43
100%	22.00	\$12.92	\$20.19
110%	24.20	\$11.75	\$18.35
125%	27.50	\$10.34	\$16.15

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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.