

Projections for Planning Purposes Only -- Not to be Used without Updating
2015 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	\$16.10	\$354.20	\$43,212.40	\$43,212.40
Total Revenue				\$354.20	\$43,212.40	\$43,212.40
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
Production Costs						
Seed						
Seed - Roundup Ready Canola	5	Pound	\$6.80	\$34.00	\$4,148.00	\$4,148.00
Seed Treatment - Canola	1	Acre	\$6.60	\$6.60	\$805.20	\$805.20
Fertilizer						
Fertilizer (N) - Dry	30	Pound	\$0.49	\$14.70	\$1,793.40	\$1,793.40
Fertilizer (N) - Liquid	60	Pound	\$0.55	\$33.00	\$4,026.00	\$4,026.00
Custom						
Fertilizer Application	1	Acre	\$5.50	\$5.50	\$671.00	\$671.00
Custom Haul - Canola	22	CWT	\$0.43	\$9.46	\$1,154.12	\$1,154.12
Custom Harvest - Canola Irrigated	1	Acre	\$24.20	\$24.20	\$2,952.40	\$2,952.40
Herbicide						
Herbicide and Apply Canola	1	Acre	\$14.60	\$14.60	\$1,781.20	\$1,781.20
Insecticide						
Insecticide and Apply Canola Irrigated	1	Acre	\$23.95	\$23.95	\$2,921.90	\$2,921.90
Irrigation						
Energy Cost	10.00	AcreInch	\$4.30	\$43.00	\$5,246.00	\$5,246.00
Irrigation Labor	0.64	Hour	\$11.75	\$7.52	\$917.44	\$917.44
Machinery Labor						
Tractors/Self-Propelled	0.87	Hour	\$11.75	\$10.22	\$1,247.15	\$1,247.15
Diesel Fuel						
Tractors/Self-Propelled	2.13	Gallon	\$3.30	\$7.03	\$857.54	\$857.54
Gasoline						
Pickup/General Use Equipment	1	Acre	\$6.13	\$6.13	\$747.50	\$747.50
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	\$3.22	\$3.22	\$392.74	\$392.74
Implements	1	Acre	\$7.79	\$7.79	\$949.88	\$949.88
Interest on Credit Line			4.90%	\$7.23	\$882.47	\$882.47
Total Variable Costs				\$301.06	\$36,728.73	\$36,728.73
Planned Returns Above Variable Costs:				\$53.14	\$6,483.67	\$6,483.67
Breakeven Price to Cover Variable Costs			\$13.68 CWT			
FIXED COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
Machinery Depreciation						
Pickup/General Use Equipment	1	Acre	\$2.63	\$2.63	\$321.30	\$321.30
Irrigation Equipment	1	Acre	\$22.50	\$22.50	\$2,745.60	\$2,745.60
Tractors/Self-Propelled	1	Acre	\$3.18	\$3.18	\$388.43	\$388.43
Implements	1	Acre	\$9.84	\$9.84	\$1,200.43	\$1,200.43
Equipment Investment						
Pickup/General Use Equipment	\$31.35	Dollars	5.40%	\$1.69	\$206.55	\$206.55
Irrigation Equipment	\$703.28	Dollars	5.40%	\$37.98	\$4,633.20	\$4,633.20
Tractors/Self-Propelled	\$35.95	Dollars	5.40%	\$1.94	\$236.82	\$236.82
Implements	\$76.53	Dollars	5.40%	\$4.13	\$504.18	\$504.18
Cash Rent - Canola Irrigated	1	Acre	\$80.75	\$80.75	\$9,851.50	\$9,851.50
Total Fixed Costs				\$164.66	\$20,088.01	\$20,088.01
Total Specified Costs				\$465.71	\$56,816.73	\$56,816.73
Returns Above Specified Costs				(\$111.51)	(\$13,604.33)	(\$13,604.33)
Breakeven Price to Cover Total Costs			\$21.17 CWT			

Example Breakeven Prices						
Example Yield Percent	Example Yield CWT	Price Needed to Cover Example Variable Costs		Price Needed to Cover Example Total Costs		
		Own/Rent	ShareTenant	Own/Rent	ShareTenant	Landlord
75%	16.50	\$18.25	\$18.25	\$28.22	\$28.22	\$0.00
90%	19.80	\$15.20	\$15.20	\$23.52	\$23.52	\$0.00
100%	22.00	\$13.68	\$13.68	\$21.17	\$21.17	\$0.00
110%	24.20	\$12.44	\$12.44	\$19.24	\$19.24	\$0.00
125%	27.50	\$10.95	\$10.95	\$16.93	\$16.93	\$0.00

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.