## Projections for Planning Purposes Only -- Not to be Used without Updating 2019 Estimated Costs and Returns per Acre Roundup Ready Canola, Dryland Panhandle Extension District - 1

Crop Acres 160

ReVENUE	Crop Acres	160				
Canola	DEVENUE		11.9	0.11.11	<b>.</b>	Enterprise
VARIABLE COSTS				4		
Name		11.00	CWI	\$15.25		
VARIABLE COSTS   Quantity   Units   \$(Unit   Total   Total   Total   Production Costs   Fertilizer   Fertilizer   Fertilizer   Fertilizer   Fertilizer   Application   1   Acre   \$5.12   \$5.12   \$819.20   Custom   Harvest - Canola   1   Acre   \$5.61   \$5.66   \$809.60   Custom Haul - Canola   11   CWT   \$0.46   \$5.06   \$809.60   Insecticide   Insecticide and Apply Canola   1   Acre   \$9.86   \$9.86   \$1.577.60   Herbicide   Herbicide   Acre   \$14.85   \$14.85   \$2.376.00	Total Revenue				\$167.75	
Production Costs						
Fertilizer		Quantity	Units	\$/Unit	l otal	l otal
Fertilizer (N) - Dry						
Custom						
Fertilizer Application	* / *	35	Pound	\$0.38	\$13.30	\$2,128.00
Custom Hairvest - Canola			_			
Custom Haul - Canola   11	• •					
Insecticide   Insecticide and Apply Canola   1   Acre   \$9.86   \$9.86   \$1,577.60     Herbicide   Herbicide and Apply Canola   1   Acre   \$14.85   \$14.85   \$2,376.00     Seed   Seed - Roundup Ready Canola   5   Pound   \$6.40   \$32.00   \$5,120.00     Seed   Seed Treatment - Canola   1   Acre   \$6.78   \$6.78   \$1,084.80     Machinery Labor   Tractors/Self-Propelled   0.41   Hour   \$13.03   \$5.34   \$854.77     Other Labor   Other Lab						
Insecticide and Apply Canola		11	CWT	\$0.46	\$5.06	\$809.60
Herbicide and Apply Canola						
Herbicide and Apply Canola   1   Acre   \$14.85   \$14.85   \$2,376.00	Insecticide and Apply Canola	1	Acre	\$9.86	\$9.86	\$1,577.60
Seed - Roundup Ready Canola   5   Pound   \$6.40   \$32.00   \$5,120.00     Seed Treatment - Canola   1   Acre   \$6.78   \$6.78   \$1,084.80     Machinery Labor   Tractors/Self-Propelled   0.41   Hour   \$13.03   \$5.34   \$854.77     Other Labor   0.45   Hour   \$13.03   \$5.36   \$938.16     Diesel Fuel   Tractors/Self-Propelled   2.22   Gallon   \$2.33   \$5.17   \$827.62     Gasoline   Pickup/General Use Equipment   1   Acre   \$4.77   \$4.77   \$763.75     Repairs & Maintenance   Pickup/General Use Equipment   1   Acre   \$2.49   \$2.49   \$397.80     Tractors/Self-Propelled   1   Acre   \$4.13   \$4.13   \$661.13     Implements   1   Acre   \$4.13   \$4.13   \$661.13     Interest on Credit Line   \$6.04%   \$4.73   \$756.67     Total Variable Costs   \$11.44   \$11.44   \$1,830.48     Planned Returns Above Variable Costs:   \$14.23   CWT     Brakeven Price to Cover Variable Costs   \$14.23   CWT     FIXED COSTS   Quantity   Units   \$/Unit   Total     Machinery Depreciation   Pickup/General Use Equipment   1   Acre   \$2.61   \$2.61   \$4.17.69     Tractors/Self-Propelled   1   Acre   \$4.12   \$4.12   \$659.21     Implements   1   Acre   \$4.12   \$4.12   \$659.21     Implements   1   Acre   \$4.12   \$4.12   \$659.21     Equipment Investment   Pickup/General Use Equipment   1   Acre   \$4.12   \$4.12   \$659.21     Repident   Propelled   \$1.20   Dollars   6.32%   \$2.03   \$324.56     Implements   \$63.55   Dollars   6.32%   \$2.03   \$324.56     Implements   \$63.55   Dollars   6.32%   \$2.03   \$324.56     Implements   \$63.55   Dollars   6.32%   \$55.27   \$8.843.42     Total Specified Costs   \$55.27   \$8.843.42     Total Specified Costs   \$33.886.60	Herbicide					
Seed - Roundup Ready Canola   Seed Treatment - Canola   1   Acre   \$6.78   \$6.78   \$1,00.0	Herbicide and Apply Canola	1	Acre	\$14.85	\$14.85	\$2,376.00
Seed Treatment - Canola	Seed					
Machinery Labor         Tractors/Self-Propelled         0.41         Hour         \$13.03         \$5.34         \$854.77           Other Labor         0.45         Hour         \$13.03         \$5.86         \$938.16           Diesel Fuel         Tractors/Self-Propelled         2.22         Gallon         \$2.33         \$5.17         \$827.62           Gasoline         Pickup/General Use Equipment         1         Acre         \$4.77         \$4.77         \$763.75           Repairs & Maintenance         Pickup/General Use Equipment         1         Acre         \$4.47         \$4.77         \$763.75           Repairs & Maintenance         Pickup/General Use Equipment         1         Acre         \$4.13         \$4.13         \$661.13           Implements         1         Acre         \$11.44         \$11.44         \$1,830.48           Interest on Credit Line         6.04%         \$4.73         \$756.67           Total Variable Costs         \$156.52         \$25,043.18           Planned Returns Above Variable Costs:         \$11.23         \$11.23         \$1,796.82           Breakeven Price to Cover Variable Costs:         \$14.23         CWT         Enterprise           FIXED COSTS         Quantity         Units         \$/Unit         Tota	Seed - Roundup Ready Canola	5	Pound	\$6.40	\$32.00	\$5,120.00
Tractors/Self-Propelled	Seed Treatment - Canola	1	Acre	\$6.78	\$6.78	\$1,084.80
Other Labor   O.45   Hour   \$13.03   \$5.86   \$938.16     Diesel Fuel   Tractors/Self-Propelled   2.22   Gallon   \$2.33   \$5.17   \$827.62     Gasoline	Machinery Labor					
Other Labor   O.45   Hour   \$13.03   \$5.86   \$938.16     Diesel Fuel   Tractors/Self-Propelled   2.22   Gallon   \$2.33   \$5.17   \$827.62     Gasoline	Tractors/Self-Propelled	0.41	Hour	\$13.03	\$5.34	\$854.77
Tractors/Self-Propelled   2.22   Gallon   \$2.33   \$5.17   \$827.62	•	0.45	Hour	\$13.03	\$5.86	\$938.16
Tractors/Self-Propelled   2.22   Gallon   \$2.33   \$5.17   \$827.62	Diesel Fuel			,	*	*****
Pickup/General Use Equipment   Acre   \$4.77   \$4.77   \$763.75		2.22	Gallon	\$2.33	\$5.17	\$827.62
Pickup/General Use Equipment   1   Acre   \$4.77   \$4.77   \$763.75	•			<b>V</b>	*****	**
Repairs & Maintenance		1	Acre	\$4.77	\$4.77	\$763.75
Pickup/General Use Equipment   1   Acre   \$2.49   \$2.49   \$397.80   Tractors/Self-Propelled   1   Acre   \$4.13   \$4.13   \$661.13   Implements   1   Acre   \$11.44   \$11.44   \$11.44   \$1,830.48   Interest on Credit Line   6.04%   \$4.73   \$756.67   \$756.67   \$156.52   \$25,043.18   \$11.23   \$1,796.82   \$1.24   \$		•	7.10.0	Ψ	Ψ	ψ. σσσ
Tractors/Self-Propelled         1         Acre         \$4.13         \$4.13         \$661.13           Implements         1         Acre         \$11.44         \$11.44         \$11,830.48           Interest on Credit Line         6.04%         \$4.73         \$756.67           Total Variable Costs         \$156.52         \$25,043.18           Planned Returns Above Variable Costs:         \$14.23         CWT           Breakeven Price to Cover Variable Costs         \$14.23         CWT           FIXED COSTS         Quantity         Units         \$/Unit         Total           Machinery Depreciation         Pickup/General Use Equipment         1         Acre         \$2.61         \$2.61         \$417.69           Tractors/Self-Propelled         1         Acre         \$14.86         \$14.86         \$2,377.04           Equipment Investment         Pickup/General Use Equipment         \$18.03         Dollars         6.32%         \$1.14         \$182.27           Tractors/Self-Propelled         \$32.10         Dollars         6.32%         \$4.02         \$642.65           Cash Rent - Canola Dryland         1         Acre         \$26.50         \$26.50         \$4,240.00           Total Fixed Costs         \$25.27         \$8,843.42		1	Acre	\$2.49	\$2.49	\$397.80
Implements	•	-		* -		*
Interest on Credit Line				* -		
Total Variable Costs   S156.52   \$25,043.18		'	Acie	*	*	
Planned Returns Above Variable Costs: Breakeven Price to Cover Variable Costs				0.0470		
State   Price to Cover Variable Costs   S14.23 CWT   Enterprise				=		
FIXED COSTS   Quantity   Units   \$/Unit   Total   Total				<b>44400</b> 0		\$1,796.82
Pickup/General Use Equipment   1   Acre   \$2.61   \$2.61   \$417.69   Tractors/Self-Propelled   1   Acre   \$4.12   \$4.12   \$659.21   Implements   1   Acre   \$14.86   \$14.86   \$2,377.04   Equipment Investment   Pickup/General Use Equipment   \$18.03   Dollars   6.32%   \$1.14   \$182.27   Tractors/Self-Propelled   \$32.10   Dollars   6.32%   \$2.03   \$324.56   Implements   \$63.55   Dollars   6.32%   \$4.02   \$642.65   Cash Rent - Canola Dryland   1   Acre   \$26.50   \$26.50   \$4,240.00   Total Fixed Costs   \$55.27   \$8,843.42   \$84.04   \$33,886.60   \$84.04   \$33,886.60   \$84.04   \$33,886.60   \$84.04   \$33,886.60   \$84.04   \$33,886.60   \$84.04   \$33,886.60   \$84.04   \$8	Breakeven Price to Cover Variable Costs			\$14.23 C	VV I	
Machinery Depreciation         Pickup/General Use Equipment         1         Acre         \$2.61         \$2.61         \$417.69           Tractors/Self-Propelled         1         Acre         \$4.12         \$4.12         \$659.21           Implements         1         Acre         \$14.86         \$14.86         \$2,377.04           Equipment Investment         Pickup/General Use Equipment         \$18.03         Dollars         6.32%         \$1.14         \$182.27           Tractors/Self-Propelled         \$32.10         Dollars         6.32%         \$2.03         \$324.56           Implements         \$63.55         Dollars         6.32%         \$4.02         \$642.65           Cash Rent - Canola Dryland         1         Acre         \$26.50         \$4,240.00           Total Fixed Costs         \$55.27         \$8,843.42           Total Specified Costs         \$211.79         \$33,886.60    Returns Above Specified Costs  (\$44.04)  (\$7,046.60)	-W					
Pickup/General Use Equipment         1         Acre         \$2.61         \$2.61         \$417.69           Tractors/Self-Propelled         1         Acre         \$4.12         \$4.12         \$659.21           Implements         1         Acre         \$14.86         \$14.86         \$2,377.04           Equipment Investment         Pickup/General Use Equipment         \$18.03         Dollars         6.32%         \$1.14         \$182.27           Tractors/Self-Propelled         \$32.10         Dollars         6.32%         \$2.03         \$324.56           Implements         \$63.55         Dollars         6.32%         \$4.02         \$642.65           Cash Rent - Canola Dryland         1         Acre         \$26.50         \$26.50         \$4,240.00           Total Fixed Costs         \$55.27         \$8,843.42           Total Specified Costs         \$211.79         \$33,886.60    Returns Above Specified Costs  (\$44.04)  (\$7,046.60)		Quantity	Units	\$/Unit	l otal	l otal
Tractors/Self-Propelled         1         Acre         \$4.12         \$4.12         \$659.21           Implements         1         Acre         \$14.86         \$14.86         \$2,377.04           Equipment Investment         Fickup/General Use Equipment         \$18.03         Dollars         6.32%         \$1.14         \$182.27           Tractors/Self-Propelled         \$32.10         Dollars         6.32%         \$2.03         \$324.56           Implements         \$63.55         Dollars         6.32%         \$4.02         \$642.65           Cash Rent - Canola Dryland         1         Acre         \$26.50         \$26.50         \$4,240.00           Total Fixed Costs         \$55.27         \$8,843.42           Total Specified Costs         \$211.79         \$33,886.60           Returns Above Specified Costs         (\$44.04)         (\$7,046.60)			_			
Implements					•	
Equipment Investment           Pickup/General Use Equipment         \$18.03         Dollars         6.32%         \$1.14         \$182.27           Tractors/Self-Propelled         \$32.10         Dollars         6.32%         \$2.03         \$324.56           Implements         \$63.55         Dollars         6.32%         \$4.02         \$642.65           Cash Rent - Canola Dryland         1         Acre         \$26.50         \$26.50         \$4,240.00           Total Fixed Costs         \$55.27         \$8,843.42         \$33,886.60           Total Specified Costs         \$211.79         \$33,886.60           Returns Above Specified Costs         (\$44.04)         (\$7,046.60)	•			*	*	
Pickup/General Use Equipment Tractors/Self-Propelled         \$18.03 Dollars         6.32% \$1.14         \$182.27           Tractors/Self-Propelled         \$32.10 Dollars         6.32% \$2.03 \$324.56           Implements         \$63.55 Dollars         6.32% \$4.02 \$642.65           Cash Rent - Canola Dryland         1 Acre \$26.50 \$26.50 \$4,240.00           Total Fixed Costs         \$55.27 \$8,843.42           Total Specified Costs         \$211.79 \$33,886.60           Returns Above Specified Costs         (\$44.04) (\$7,046.60)	•	1	Acre	\$14.86	\$14.86	\$2,377.04
Tractors/Self-Propelled Implements         \$32.10 Dollars 6.32%         \$2.03 \$324.56           Implements Cash Rent - Canola Dryland         1 Acre \$26.50         \$4.02 \$642.65           Total Fixed Costs Total Specified Costs         \$55.27 \$8,843.42           Returns Above Specified Costs         \$32.10 Dollars 6.32%         \$4.02 \$642.65           \$4,240.00         \$26.50 \$26.50         \$4,240.00           \$55.27 \$8,843.42         \$33,886.60           \$211.79 \$33,886.60         \$33,886.60	• •					
Implements					•	
Cash Rent - Canola Dryland         1 Acre         \$26.50         \$4,240.00           Total Fixed Costs         \$55.27         \$8,843.42           Total Specified Costs         \$211.79         \$33,886.60           Returns Above Specified Costs         (\$44.04)         (\$7,046.60)	Tractors/Self-Propelled	\$32.10	Dollars	6.32%	\$2.03	\$324.56
Total Fixed Costs         \$55.27         \$8,843.42           Total Specified Costs         \$211.79         \$33,886.60           Returns Above Specified Costs         (\$44.04)         (\$7,046.60)		\$63.55	Dollars	6.32%	\$4.02	\$642.65
Total Specified Costs         \$211.79         \$33,886.60           Returns Above Specified Costs         (\$44.04)         (\$7,046.60)	Cash Rent - Canola Dryland	1	Acre	\$26.50	\$26.50	\$4,240.00
Returns Above Specified Costs (\$44.04) (\$7,046.60)	Total Fixed Costs				\$55.27	\$8,843.42
Returns Above Specified Costs (\$44.04) (\$7,046.60)	Total Specified Costs			=	\$211.79	\$33,886.60
	•			_		
Breakeven Price to Cover Total Costs \$19.25 CWT	Returns Above Specified Costs				(\$44.04)	(\$7,046.60)
	Breakeven Price to Cover Total Costs			\$19.25 C	WT	

		Examp	Example Breakeven Prices		
Example	Example	To Cover	To Cover		
Yield	Yield	Variable	Total		
Percent	CWT	Costs	Costs		
75%	8.25	\$18.97	\$25.67		
90%	9.90	\$15.81	\$21.39		
100%	11.00	\$14.23	\$19.25		
110%	12.10	\$12.94	\$17.50		
125%	13.75	\$11.38	\$15.40		

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.