

Projections for Planning Purposes Only -- Not to be Used without Updating
2019 Estimated Costs and Returns per Acre
St. Lawrence ExtendFlex (Dicamba) Cotton, Drip Irrigated, 40 Inch Rows
Far West Extension District - 6

Crop Acres		122			
				Enterprise	
REVENUE	Quantity	Units	\$/Unit	Total	Total
Cotton Lint	1,500.00	Pound	\$0.63	\$945.00	\$115,290.00
Cotton Seed	1.20	Ton	\$185.00	\$222.00	\$27,084.00
Total Revenue				\$1,167.00	\$142,374.00
				Enterprise	
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total
Production Costs					
Custom					
Soil Test-Irrigated	1	Acre	\$0.50	\$0.50	\$61.00
Custom Spray	2	Acre	\$4.00	\$8.00	\$976.00
Bag, Tie	3	Bale	\$15.00	\$45.00	\$5,490.00
Gin and Haul	53.57	CWT	\$2.50	\$133.93	\$16,338.85
Herbicide					
Trifluralin Pint	1.5	Pint	\$2.81	\$4.22	\$514.69
Glyphosate Ounce Generic	64	Ounce	\$0.13	\$8.15	\$993.96
Extend Flex DiCamba	44	Ounce	\$0.50	\$22.00	\$2,684.00
Miscellaneous					
IRR Cotton RP 70% ent, SE, Glassc	1	Acre	\$23.71	\$23.71	\$2,892.62
Boll Weevil Eradication Program	3	Bale	\$1.00	\$3.00	\$366.00
Seed					
Seed Cotton - B2XF	40	Thousand	\$1.74	\$69.60	\$8,491.20
Fertilizer					
0-60-0	90	Pound	\$0.27	\$24.30	\$2,964.60
N-32	140	Pound	\$0.42	\$59.05	\$7,204.34
Nitrogen - Dry (Urea 46-0-0)	11	Pound	\$0.48	\$5.32	\$648.99
Other Chemicals					
Mepiquat Chloride-PGR	16	Ounce	\$0.06	\$1.00	\$122.00
Cotton Harvest					
Ethephon 6 Pint	1.5	Pint	\$2.49	\$3.73	\$455.21
Adios	5	Ounce	\$0.69	\$3.44	\$419.38
Firestorm (3lb Paraquat)	28	Ounce	\$0.18	\$5.03	\$613.51
Irrigation					
Energy Cost	17.99	AcreInch	\$12.58	\$226.25	\$27,602.74
Irrigation Labor	3.04	Hour	\$11.00	\$33.43	\$4,078.87
Machinery Labor					
Tractors/Self-Propelled	2.19	Hour	\$12.00	\$26.28	\$3,206.16
Other Labor	0.22	Hour	\$8.50	\$1.87	\$228.14
Diesel Fuel					
Tractors/Self-Propelled	15.77	Gallon	\$2.99	\$47.15	\$5,752.58
Gasoline					
Pickup/General Use Equipment	1	Acre	\$7.75	\$7.75	\$945.03
Repairs & Maintenance					
Pickup/General Use Equipment	1	Acre	\$1.73	\$1.73	\$210.92
Irrigation Equipment	1	Acre	\$9.68	\$9.68	\$1,181.45
Tractors/Self-Propelled	1	Acre	\$30.18	\$30.18	\$3,681.72
Implements	1	Acre	\$18.78	\$18.78	\$2,291.09
Interest on Credit Line			6.50%	\$15.20	\$1,854.68
Total Variable Costs				\$838.28	\$102,269.72
Planned Returns Above Variable Costs:				\$328.72	\$40,104.28
Breakeven Price to Cover Variable Costs			\$0.41	Pound	
				Enterprise	
FIXED COSTS	Quantity	Units	\$/Unit	Total	Total
Machinery Depreciation					
Pickup/General Use Equipment	1	Acre	\$3.62	\$3.62	\$441.45
Irrigation Equipment	1	Acre	\$95.92	\$95.92	\$11,702.20
Tractors/Self-Propelled	1	Acre	\$35.64	\$35.64	\$4,347.60
Implements	1	Acre	\$23.86	\$23.86	\$2,911.40
Equipment Investment					
Pickup/General Use Equipment	\$22.11	Dollars	6.50%	\$1.44	\$175.35
Irrigation Equipment	\$978.57	Dollars	6.50%	\$63.61	\$7,760.09
Tractors/Self-Propelled	\$310.33	Dollars	6.50%	\$20.17	\$2,460.89
Implements	\$159.66	Dollars	6.50%	\$10.38	\$1,266.09
Lease value - Drip	1	Acre	\$50.00	\$50.00	\$6,100.00
Total Fixed Costs				\$304.63	\$37,165.07
Total Specified Costs				\$1,142.91	\$139,434.80
Returns Above Specified Costs				\$24.09	\$2,939.20
Breakeven Price to Cover Total Costs			\$0.61	Pound	

Example Breakeven Prices			
Example Yield Percent	Example Yield Pound	To Cover Variable Costs	To Cover Total Costs
75%	1125.00	\$0.55	\$0.82
90%	1350.00	\$0.46	\$0.68
100%	1500.00	\$0.41	\$0.61
110%	1650.00	\$0.37	\$0.56
125%	1875.00	\$0.33	\$0.49

Developed by Bill Thompson, Assistant Professor and Extension Economist, Texas A&M AgriLife Extension Service, 325-653-4576.

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.