

Projections for Planning Purposes Only -- Not to be Used without Updating
2020 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	\$0.59	\$885.00	\$107,970.00
Cotton Seed	1.20	Ton	\$225.00	\$270.00	\$32,940.00
Total Revenue				\$1,155.00	\$140,910.00
				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	\$5.00	\$10.00	\$1,220.00
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	\$2.75	\$4.13	\$503.25
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	\$21.09	\$21.09	\$2,572.98
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	\$0.41	\$57.40	\$7,002.80
Nitrogen - Dry (Urea 46-0-0)	11	Pound	\$0.38	\$4.18	\$509.96
Other Chemicals					
Mepiquat Chloride-PGR	16	Ounce	\$0.06	\$1.00	\$122.00
Cotton Harvest					
Ethephon 6 Pint	1.5	Pint	\$3.81	\$5.72	\$697.23
Adios	5	Ounce	\$0.92	\$4.60	\$561.20
Firestorm (3lb Paraquat)	28	Ounce	\$0.18	\$5.04	\$614.88
Irrigation					
Energy Cost	17.99	AcreInch	\$12.58	\$226.25	\$27,602.74
Irrigation Labor	3.04	Hour	\$15.00	\$45.59	\$5,562.10
Machinery Labor					
Tractors/Self-Propelled	2.19	Hour	\$15.00	\$32.85	\$4,007.70
Other Labor	0.22	Hour	\$15.00	\$3.30	\$402.60
Diesel Fuel					
Tractors/Self-Propelled	15.77	Gallon	\$2.60	\$41.00	\$5,002.24
Gasoline					
Pickup/General Use Equipment	1	Acre	\$6.43	\$6.43	\$784.80
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	\$31.61	\$31.61	\$3,856.44
Implements	1	Acre	\$19.28	\$19.28	\$2,352.25
Interest on Credit Line			6.00%	\$14.20	\$1,731.97
Total Variable Costs				\$851.55	\$103,889.11
Planned Returns Above Variable Costs:				\$303.45	\$37,020.89
Breakeven Price to Cover Variable Costs			\$0.39	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	\$37.34	\$37.34	\$4,555.84
Implements	1	Acre	\$24.60	\$24.60	\$3,000.61
Equipment Investment					
Pickup/General Use Equipment	\$22.11	Dollars	6.00%	\$1.33	\$161.87
Irrigation Equipment	\$978.57	Dollars	6.00%	\$58.71	\$7,163.16
Tractors/Self-Propelled	\$323.52	Dollars	6.00%	\$19.41	\$2,368.15
Implements	\$162.79	Dollars	6.00%	\$9.77	\$1,191.59
Lease value - Drip	1	Acre	\$50.00	\$50.00	\$6,100.00
Total Fixed Costs				\$300.70	\$36,684.86
Total Specified Costs				\$1,152.25	\$140,573.97
Returns Above Specified Costs				\$2.75	\$336.03
Breakeven Price to Cover Total Costs			\$0.59	Pound	

Example Breakeven Prices			
Example Yield Percent	Example Yield Pound	To Cover Variable Costs	To Cover Total Costs
75%	1125.00	\$0.52	\$0.78
90%	1350.00	\$0.43	\$0.65
100%	1500.00	\$0.39	\$0.59
110%	1650.00	\$0.35	\$0.53
125%	1875.00	\$0.31	\$0.47

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.