

Projections for Planning Purposes Only -- Not to be Used without Updating
2018 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	\$2.94	\$4.41	\$538.02
Glyphosate Ounce Generic	64	Ounce	\$0.13	\$8.00	\$976.00
Extend Flex DiCamba	44	Ounce	\$0.52	\$22.88	\$2,791.36
Miscellaneous					
IRR Cotton RP 70% ent, SE, Glassc	1	Acre	\$27.65	\$27.65	\$3,373.30
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	\$0.35	\$49.21	\$6,003.62
Nitrogen - Dry (Urea 46-0-0)	11	Pound	\$0.37	\$4.06	\$495.87
Other Chemicals					
Mepiquat Chloride-PGR	16	Ounce	\$0.06	\$1.00	\$122.00
Cotton Harvest					
Ethephon 6 Pint	1.5	Pint	\$2.38	\$3.57	\$435.54
Adios	5	Ounce	\$0.69	\$3.44	\$419.38
Firestorm (3lb Paraquat)	28	Ounce	\$0.18	\$4.99	\$608.48
Irrigation					
Energy Cost	17.99	AcreInch	\$12.58	\$226.25	\$27,602.74
Irrigation Labor	3.04	Hour	\$12.00	\$36.47	\$4,449.68
Machinery Labor					
Tractors/Self-Propelled	2.19	Hour	\$12.00	\$26.28	\$3,206.16
Other Labor	0.22	Hour	\$12.00	\$2.64	\$322.08
Diesel Fuel					
Tractors/Self-Propelled	15.77	Gallon	\$2.14	\$33.75	\$4,117.23
Gasoline					
Pickup/General Use Equipment	1	Acre	\$6.41	\$6.41	\$781.53
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	\$30.16	\$30.16	\$3,679.06
Implements	1	Acre	\$18.88	\$18.88	\$2,303.16
Interest on Credit Line			6.50%	\$14.98	\$1,828.15
Total Variable Costs				\$820.77	\$100,133.37
Planned Returns Above Variable Costs:				\$346.23	\$42,240.63
Breakeven Price to Cover Variable Costs			\$0.40	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	\$35.52	\$35.52	\$4,333.44
Implements	1	Acre	\$23.90	\$23.90	\$2,915.86
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	\$309.47	Dollars	6.50%	\$20.12	\$2,454.06
Implements	\$159.81	Dollars	6.50%	\$10.39	\$1,267.33
Lease value - Drip	1	Acre	\$50.00	\$50.00	\$6,100.00
Total Fixed Costs				\$304.51	\$37,149.78
Total Specified Costs				\$1,125.27	\$137,283.14
Returns Above Specified Costs				\$41.73	\$5,090.86
Breakeven Price to Cover Total Costs			\$0.60	Pound	

Example Breakeven Prices			
Example Yield Percent	Example Yield Pound	To Cover Variable Costs	To Cover Total Costs
75%	1125.00	\$0.53	\$0.80
90%	1350.00	\$0.44	\$0.67
100%	1500.00	\$0.40	\$0.60
110%	1650.00	\$0.36	\$0.55
125%	1875.00	\$0.32	\$0.48

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.