

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

Crop Acres		122				Enterprise	
REVENUE	Quantity	Units	\$/Unit	Total	Total	Total	
Cotton Lint	1,500.00	Pound	\$0.63	\$945.00	\$945.00	\$115,290.00	
Cotton Seed	1.20	Ton	\$185.00	\$222.00	\$222.00	\$27,084.00	
Total Revenue				\$1,167.00	\$1,167.00	\$142,374.00	
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise	
Production Costs							
Custom							
Soil Test-Irrigated	1	Acre	\$0.50	\$0.50	\$0.50	\$61.00	
Custom Spray	2	Acre	\$4.00	\$8.00	\$8.00	\$976.00	
Bag, Tie	3	Bale	\$15.00	\$45.00	\$45.00	\$5,490.00	
Gin and Haul	53.57	CWVT	\$2.50	\$133.93	\$133.93	\$16,338.85	
Herbicide							
Trifluralin Pint	1.5	Pint	\$2.81	\$4.22	\$4.22	\$514.69	
Glyphosate Ounce Generic 4lb	32	Ounce	\$0.13	\$4.07	\$4.07	\$496.98	
0-60-0	32	Pound	\$0.27	\$8.64	\$8.64	\$1,054.08	
Miscellaneous							
IRR Cotton RP 70% ent, SE, Glassc	1	Acre	\$23.71	\$23.71	\$23.71	\$2,892.62	
Seed							
Cotton Seed BIIRRF	40	Thousand	\$1.17	\$46.80	\$46.80	\$5,709.60	
Fertilizer							
Nitrogen - Dry (Urea 45-0-0)	11	Pound	\$0.48	\$5.32	\$5.32	\$648.99	
N-32	140	Pound	\$0.42	\$59.05	\$59.05	\$7,204.34	
Potash 0-0-60	90	Pound	\$0.33	\$29.25	\$29.25	\$3,568.50	
Other Chemicals							
Mepiquat Chloride-PGR	16	Ounce	\$0.06	\$1.00	\$1.00	\$122.00	
Cotton Harvest							
Ethephon 6 Pint	1.5	Pint	\$2.49	\$3.73	\$3.73	\$455.21	
Adios	5	Ounce	\$0.69	\$3.44	\$3.44	\$419.38	
Firestorm (3lb Paraquat)	28	Ounce	\$0.18	\$5.03	\$5.03	\$613.51	
Irrigation							
Energy Cost	17.99	AcreInch	\$12.58	\$226.25	\$226.25	\$27,602.74	
Irrigation Labor	3.04	Hour	\$11.00	\$33.43	\$33.43	\$4,078.87	
Machinery Labor							
Tractors/Self-Propelled	2.19	Hour	\$12.00	\$26.28	\$26.28	\$3,206.16	
Other Labor	0.22	Hour	\$8.50	\$1.87	\$1.87	\$228.14	
Diesel Fuel							
Tractors/Self-Propelled	15.77	Gallon	\$2.99	\$47.15	\$47.15	\$5,752.58	
Gasoline							
Pickup/General Use Equipment	1	Acre	\$7.75	\$7.75	\$7.75	\$945.03	
Repairs & Maintenance							
Pickup/General Use Equipment	1	Acre	\$1.73	\$1.73	\$1.73	\$210.92	
Irrigation Equipment	1	Acre	\$9.68	\$9.68	\$9.68	\$1,181.45	
Tractors/Self-Propelled	1	Acre	\$30.18	\$30.18	\$30.18	\$3,681.72	
Implements	1	Acre	\$18.78	\$18.78	\$18.78	\$2,291.09	
Interest on Credit Line			6.50%	\$14.27	\$14.27	\$1,740.55	
Total Variable Costs				\$799.06	\$799.06	\$97,484.99	
Planned Returns Above Variable Costs:				\$367.94		\$44,889.01	
Breakeven Price to Cover Variable Costs			\$0.38	Pound			
FIXED COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise	
Machinery Depreciation							
Pickup/General Use Equipment	1	Acre	\$3.62	\$3.62	\$3.62	\$441.45	
Irrigation Equipment	1	Acre	\$95.92	\$95.92	\$95.92	\$11,702.20	
Tractors/Self-Propelled	1	Acre	\$35.64	\$35.64	\$35.64	\$4,347.60	
Implements	1	Acre	\$23.86	\$23.86	\$23.86	\$2,911.40	
Equipment Investment							
Pickup/General Use Equipment	\$22.11	Dollars	6.50%	\$1.44	\$1.44	\$175.35	
Irrigation Equipment	\$978.57	Dollars	6.50%	\$63.61	\$63.61	\$7,760.09	
Tractors/Self-Propelled	\$310.33	Dollars	6.50%	\$20.17	\$20.17	\$2,460.89	
Implements	\$159.66	Dollars	6.50%	\$10.38	\$10.38	\$1,266.09	
Lease value - Drip	1	Acre	\$50.00	\$50.00	\$50.00	\$6,100.00	
Total Fixed Costs				\$304.63	\$304.63	\$37,165.07	
Total Specified Costs				\$1,103.69	\$1,103.69	\$134,650.06	
Returns Above Specified Costs				\$63.31		\$7,723.94	
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	\$0.51	\$0.78
90%	1350.00	\$0.43	\$0.65
100%	1500.00	\$0.38	\$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.