

**Projections for Planning Purposes Only -- Not to be Used without Updating**  
**2018 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	\$115,290.00	\$115,290.00	
Cotton Seed	1.20	Ton	\$185.00	\$222.00	\$27,084.00	\$27,084.00	
<b>Total Revenue</b>				<b>\$1,167.00</b>	<b>\$142,374.00</b>	<b>\$142,374.00</b>	
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise	
<b>Production Costs</b>							
Custom							
Soil Test-Irrigated	1	Acre	\$0.50	\$0.50	\$61.00	\$61.00	
Custom Spray	2	Acre	\$4.00	\$8.00	\$976.00	\$976.00	
Bag, Tie	3	Bale	\$15.00	\$45.00	\$5,490.00	\$5,490.00	
Gin and Haul	53.57	CWVT	\$2.50	\$133.93	\$16,338.85	\$16,338.85	
Herbicide							
Trifluralin Pint	1.5	Pint	\$2.94	\$4.41	\$538.02	\$538.02	
Glyphosate Ounce Generic 4lb	64	Ounce	\$0.13	\$8.00	\$976.00	\$976.00	
Miscellaneous							
IRR Cotton RP 70% ent, SE, Glassc	1	Acre	\$27.65	\$27.65	\$3,373.30	\$3,373.30	
Seed							
Cotton Seed BIIRRF	40	Thousand	\$1.28	\$51.20	\$6,246.40	\$6,246.40	
Fertilizer							
Nitrogen - Dry (Urea 45-0-0)	11	Pound	\$0.37	\$4.06	\$495.87	\$495.87	
0-60-0	90	Pound	\$0.27	\$24.30	\$2,964.60	\$2,964.60	
N-32	140	Pound	\$0.35	\$49.21	\$6,003.62	\$6,003.62	
Other Chemicals							
Mepiquat Chloride-PGR	16	Ounce	\$0.06	\$1.00	\$122.00	\$122.00	
Cotton Harvest							
Ethephon 6 Pint	1.5	Pint	\$2.38	\$3.57	\$435.54	\$435.54	
Adios	5	Ounce	\$0.69	\$3.44	\$419.38	\$419.38	
Firestorm (3lb Paraquat)	28	Ounce	\$0.18	\$4.99	\$608.48	\$608.48	
Irrigation							
Energy Cost	17.99	AcreInch	\$12.58	\$226.25	\$27,602.74	\$27,602.74	
Irrigation Labor	3.04	Hour	\$12.00	\$36.47	\$4,449.68	\$4,449.68	
Machinery Labor							
Tractors/Self-Propelled	2.19	Hour	\$12.00	\$26.28	\$3,206.16	\$3,206.16	
Other Labor	0.22	Hour	\$12.00	\$2.64	\$322.08	\$322.08	
Diesel Fuel							
Tractors/Self-Propelled	15.77	Gallon	\$2.14	\$33.75	\$4,117.23	\$4,117.23	
Gasoline							
Pickup/General Use Equipment	1	Acre	\$6.41	\$6.41	\$781.53	\$781.53	
Repairs & Maintenance							
Pickup/General Use Equipment	1	Acre	\$1.73	\$1.73	\$210.92	\$210.92	
Irrigation Equipment	1	Acre	\$9.68	\$9.68	\$1,181.45	\$1,181.45	
Tractors/Self-Propelled	1	Acre	\$30.16	\$30.16	\$3,679.06	\$3,679.06	
Implements	1	Acre	\$18.88	\$18.88	\$2,303.16	\$2,303.16	
Interest on Credit Line			6.50%	\$13.91	\$1,697.07	\$1,697.07	
<b>Total Variable Costs</b>				<b>\$775.41</b>	<b>\$94,600.13</b>	<b>\$94,600.13</b>	
<b>Planned Returns Above Variable Costs:</b>				<b>\$391.59</b>	<b>\$47,773.87</b>	<b>\$47,773.87</b>	
<b>Breakeven Price to Cover Variable Costs</b>			<b>\$0.37</b>	<b>Pound</b>			
FIXED COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise	
Machinery Depreciation							
Pickup/General Use Equipment	1	Acre	\$3.62	\$3.62	\$441.45	\$441.45	
Irrigation Equipment	1	Acre	\$95.92	\$95.92	\$11,702.20	\$11,702.20	
Tractors/Self-Propelled	1	Acre	\$35.52	\$35.52	\$4,333.44	\$4,333.44	
Implements	1	Acre	\$23.90	\$23.90	\$2,915.86	\$2,915.86	
Equipment Investment							
Pickup/General Use Equipment	\$22.11	Dollars	6.50%	\$1.44	\$175.35	\$175.35	
Irrigation Equipment	\$978.57	Dollars	6.50%	\$63.61	\$7,760.09	\$7,760.09	
Tractors/Self-Propelled	\$309.47	Dollars	6.50%	\$20.12	\$2,454.06	\$2,454.06	
Implements	\$159.81	Dollars	6.50%	\$10.39	\$1,267.33	\$1,267.33	
Lease value - Drip	1	Acre	\$50.00	\$50.00	\$6,100.00	\$6,100.00	
<b>Total Fixed Costs</b>				<b>\$304.51</b>	<b>\$37,149.78</b>	<b>\$37,149.78</b>	
<b>Total Specified Costs</b>				<b>\$1,079.92</b>	<b>\$131,749.90</b>	<b>\$131,749.90</b>	
<b>Returns Above Specified Costs</b>				<b>\$87.08</b>	<b>\$10,624.10</b>	<b>\$10,624.10</b>	
<b>Breakeven Price to Cover Total Costs</b>			<b>\$0.57</b>	<b>Pound</b>			

Example Breakeven Prices			
Example	Example	To Cover	To Cover
Yield	Yield	Variable	Total
Percent	Pound	Costs	Costs
75%	1125.00	\$0.49	\$0.76
90%	1350.00	\$0.41	\$0.64
100%	1500.00	\$0.37	\$0.57
110%	1650.00	\$0.34	\$0.52
125%	1875.00	\$0.30	\$0.46

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.**