

**Projections for Planning Purposes Only -- Not to be Used without Updating**  
**2020 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	Enterprise	
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		
<b>Total Revenue</b>				<b>\$1,155.00</b>	<b>\$140,910.00</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		
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	CWVT	\$2.50	\$133.93	\$16,338.85		
Herbicide							
Trifluralin Pint	1.5	Pint	\$2.75	\$4.13	\$503.25		
Glyphosate Ounce Generic 4lb	32	Ounce	\$0.13	\$4.07	\$496.98		
0-60-0	32	Pound	\$0.27	\$8.64	\$1,054.08		
Miscellaneous							
IRR Cotton RP 70% ent, SE, Glassc	1	Acre	\$21.09	\$21.09	\$2,572.98		
Seed							
Cotton Seed BIIRRF	40	Thousand	\$1.17	\$46.80	\$5,709.60		
Fertilizer							
Nitrogen - Dry (Urea 45-0-0)	11	Pound	\$0.38	\$4.18	\$509.96		
N-32	140	Pound	\$0.41	\$57.40	\$7,002.80		
Potash 0-0-60	90	Pound	\$0.33	\$29.25	\$3,568.50		
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%	\$13.33	\$1,626.61		
<b>Total Variable Costs</b>				<b>\$812.40</b>	<b>\$99,113.16</b>		
<b>Planned Returns Above Variable Costs:</b>				<b>\$342.60</b>	<b>\$41,796.84</b>		
<b>Breakeven Price to Cover Variable Costs</b>			<b>\$0.36</b>	<b>Pound</b>			
FIXED COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise	
<b>Machinery Depreciation</b>							
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		
<b>Equipment Investment</b>							
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		
<b>Total Fixed Costs</b>				<b>\$300.70</b>	<b>\$36,684.86</b>		
<b>Total Specified Costs</b>				<b>\$1,113.10</b>	<b>\$135,798.02</b>		
<b>Returns Above Specified Costs</b>				<b>\$41.90</b>	<b>\$5,111.98</b>		
<b>Breakeven Price to Cover Total Costs</b>			<b>\$0.56</b>	<b>Pound</b>			

Example Breakeven Prices			
Example Yield Percent	Example Yield Pound	To Cover Variable Costs	To Cover Total Costs
75%	1125.00	\$0.48	\$0.75
90%	1350.00	\$0.40	\$0.62
100%	1500.00	\$0.36	\$0.56
110%	1650.00	\$0.33	\$0.51
125%	1875.00	\$0.29	\$0.45

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.**