

Projections for Planning Purposes Only -- Not to be Used without Updating
2022 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 Total
Cotton Lint	1,500.00	Pound	\$0.84	\$1,260.00	\$153,720.00	
Cotton Seed	1.20	Ton	\$250.00	\$300.00	\$36,600.00	
Total Revenue				\$1,560.00	\$190,320.00	
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise Total
Production Costs						
Herbicide						
Trifluralin Pint	1.5	Pint	\$2.75	\$4.13	\$503.25	
Glyphosate Ounce Generic 4lb 0-60-0	32	Ounce	\$0.13	\$4.25	\$518.50	
0-60-0	32	Pound	\$0.66	\$21.12	\$2,576.64	
Seed						
Cotton Seed BIIRRF - Irrigated	40	Thousand	\$1.65	\$66.09	\$8,062.61	
Fertilizer						
Nitrogen - Dry (Urea 45-0-0)	11	Pound	\$0.41	\$4.51	\$550.22	
Potash 0-0-60	90	Pound	\$0.30	\$27.00	\$3,294.00	
N-32	140	Pound	\$0.55	\$77.00	\$9,394.00	
Custom						
Soil Test-Irrigated	1	Acre	\$0.50	\$0.50	\$61.00	
Custom Spray	2	Acre	\$6.00	\$12.00	\$1,464.00	
Bag, Tie	3	Bale	\$15.00	\$45.00	\$5,490.00	
Gin and Haul	53.57	CWT	\$2.50	\$133.93	\$16,338.85	
Miscellaneous						
IRR Cotton RP 70% ent, SE, Glasscock Ct	1	Acre	\$25.98	\$25.98	\$3,169.56	
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	\$697.69	
Firestorm (3lb Paraquat)	28	Ounce	\$0.18	\$5.03	\$613.81	
Cutout	5	Ounce	\$0.92	\$4.61	\$562.34	
Irrigation						
Energy Cost	17.99	AcreInch	\$5.92	\$106.47	\$12,989.52	
Irrigation Labor	3.04	Hour	\$16.38	\$49.79	\$6,073.82	
Machinery Labor						
Tractors/Self-Propelled	0.98	Hour	\$16.12	\$15.80	\$1,927.31	
Other Labor	0.05	Hour	\$16.12	\$0.81	\$98.33	
Diesel Fuel						
Tractors/Self-Propelled	9.25	Gallon	\$2.67	\$24.70	\$3,013.10	
Gasoline						
Pickup/General Use Equipment	1	Acre	\$6.70	\$6.70	\$817.50	
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	\$24.10	\$24.10	\$2,940.49	
Implements	1	Acre	\$6.49	\$6.49	\$791.68	
Interest on Credit Line			6.30%	\$11.62	\$1,418.01	
Total Variable Costs				\$695.74	\$84,880.59	
Planned Returns Above Variable Costs:				\$864.26	\$105,439.41	
Breakeven Price to Cover Variable Costs			\$0.26	Pound		
FIXED COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise 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	\$28.51	\$28.51	\$3,477.79	
Implements	1	Acre	\$9.13	\$9.13	\$1,113.83	
Equipment Investment						
Pickup/General Use Equipment	\$22.11	Dollars	6.30%	\$1.39	\$169.96	
Irrigation Equipment	\$978.57	Dollars	6.30%	\$61.65	\$7,521.32	
Tractors/Self-Propelled	\$255.18	Dollars	6.30%	\$16.08	\$1,961.31	
Implements	\$56.84	Dollars	6.30%	\$3.58	\$436.91	
Lease value - Drip	1	Acre	\$50.00	\$50.00	\$6,100.00	
Total Fixed Costs				\$269.88	\$32,924.76	
Total Specified Costs				\$965.62	\$117,805.36	
Returns Above Specified Costs				\$594.38	\$72,514.64	
Breakeven Price to Cover Total Costs			\$0.44	Pound		

Example Breakeven Prices			
Example Yield	Example Yield	To Cover Variable Costs	To Cover Total Costs
Percent	Pound	Costs	Costs
75%	1125.00	\$0.35	\$0.59
90%	1350.00	\$0.29	\$0.49
100%	1500.00	\$0.26	\$0.44
110%	1650.00	\$0.24	\$0.40
125%	1875.00	\$0.21	\$0.35

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.