

Projections for Planning Purposes Only -- Not to be Used without Updating

2021 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
Cotton Seed	1.20	Ton	\$225.00	\$270.00		\$32,940.00
Total Revenue				\$1,215.00		\$148,230.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
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
	32	Pound	\$0.27	\$8.64		\$1,054.08
Seed						
Cotton Seed BIIRRF - Irrigated	40	Thousand	\$1.65	\$66.09		\$8,062.61
Fertilizer						
Nitrogen - Dry (Urea 45-0-0)	11	Pound	\$0.40	\$4.42		\$539.75
Potash 0-0-60	90	Pound	\$0.30	\$27.00		\$3,294.00
N-32	140	Pound	\$0.38	\$53.59		\$6,538.22
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 Co	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	\$12.58	\$226.25		\$27,602.74
Irrigation Labor	3.04	Hour	\$15.00	\$45.59		\$5,562.10
Machinery Labor						
Tractors/Self-Propelled	1.42	Hour	\$15.00	\$21.30		\$2,598.60
Other Labor	0.22	Hour	\$15.00	\$3.30		\$402.60
Diesel Fuel						
Tractors/Self-Propelled	13.33	Gallon	\$1.50	\$20.00		\$2,439.39
Gasoline						
Pickup/General Use Equipment	1	Acre	\$4.82	\$4.82		\$588.60
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	\$33.48	\$33.48		\$4,084.99
Implements	1	Acre	\$14.30	\$14.30		\$1,745.15
Interest on Credit Line			4.55%	\$10.31		\$1,257.24
Total Variable Costs				\$792.65		\$96,703.43
Planned Returns Above Variable Costs:				\$422.35		\$51,526.57
Breakeven Price to Cover Variable Costs			\$0.35	Pound		
FIXED COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
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	\$39.45	\$39.45		\$4,813.08
Implements	1	Acre	\$17.99	\$17.99		\$2,194.49
Equipment Investment						
Pickup/General Use Equipment	\$22.11	Dollars	5.50%	\$1.22		\$148.38
Irrigation Equipment	\$978.57	Dollars	5.50%	\$53.82		\$6,566.23
Tractors/Self-Propelled	\$339.86	Dollars	5.50%	\$18.69		\$2,280.49
Implements	\$101.87	Dollars	5.50%	\$5.60		\$683.58
Lease value - Drip	1	Acre	\$50.00	\$50.00		\$6,100.00
Total Fixed Costs				\$286.31		\$34,929.89
Total Specified Costs				\$1,078.96		\$131,633.33
Returns Above Specified Costs				\$136.04		\$16,596.67
Breakeven Price to Cover Total Costs			\$0.54	Pound		

Example Breakeven Prices

Example	Example	To Cover	To Cover
Yield	Yield	Variable	Total
Percent	Pound	Costs	Costs
75%	1125.00	\$0.46	\$0.72
90%	1350.00	\$0.39	\$0.60
100%	1500.00	\$0.35	\$0.54
110%	1650.00	\$0.32	\$0.49
125%	1875.00	\$0.28	\$0.43

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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.