Projections for Planning Purposes Only -- Not to be Used without Updating 2025 Estimated Costs and Returns per Acre St. Lawrence Auxin Technology Cotton, Drip Irrigated, 40 Inch Rows Far West Extension District - 6

Part	Crop Acres	122				
Cotton Lint 1,500.00 Pound \$0.70 \$1,050.00 \$128,100.00 \$128,100.00 \$1,050.	•		Units	\$/Unit	Total	
VARIABLE COSTS						
Production Coats	Cotton Seed	1.20	Ton	\$220.00	\$264.00	\$32,208.00
Manual Residence Manual Res	Total Revenue				\$1,314.00	
Production Costs	VARIABLE COCTO	0	11-24-	¢ /L1=:+	T-4-1	
Herbicide		Quantity	Units	\$/Unit	rotai	rotai
Triffuralin Pint 1.5						
Glyphosate Ounce Generic Auxin based herbicide		1.5	Pint	\$2.75	\$4.13	\$503.25
Seed Cotton - B2XF		64	Ounce	\$0.13	\$8.50	\$1,037.00
Seed Cotton - B2XF		44	Ounce	\$0.50	\$22.00	\$2,684.00
Fertilizer						
Nitrogen - Dry (Urea 46-0-0)		40	Thousand	\$1.79	\$71.48	\$8,720.35
C-60-0			Б	40.50	#0.40	0754.50
N-32						
Custom Soil Test-Irrigated 1 Acre \$0.50 \$0.50 \$51.00 \$1.50 \$						
Soil Test-Irrigated		140	i ound	Ψ0.55	Ψ74.20	ψ5,032.40
Custom Spray 2		1	Acre	\$0.50	\$0.50	\$61.00
Gin and Haul 53.57		2	Acre	\$6.39		
Miscellaneous IRR Cotton RP 70% ent, SE, Glasscot 1 Acre \$25.98 \$25.98 \$3.169.66 Boll Weevil Eradication Program 3 Bale \$1.00 \$3.00 \$366.00	Bag, Tie	3	Bale	\$15.00	\$45.00	\$5,490.00
IRR Cotton RP 70% ent, SE, Glasscot	Gin and Haul	53.57	CWT	\$3.75	\$200.89	\$24,508.28
Boll Weevil Eradication Program 3 Bale \$1.00 \$3.00 \$366.00						
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 \$0.92 \$4.61 \$562.34 Lrigation Energy Cost 17.99 Acrelnch \$6.66 \$119.78 \$14,613.21 Irrigation Labor 3.04 Hour \$17.50 \$53.19 \$6,489.12 Machinery Labor 0.22 Hour \$17.21 \$24.44 \$2,981.46 Other Labor 0.22 Hour \$17.21 \$3.79 \$461.92 Diesel Fuel Tractors/Self-Propelled 13.33 Gallon \$2.80 \$37.32 \$4,553.53 Gasoline Pickup/General Use Equipment 1 Acre \$7.24 \$7.24 \$882.90 Repairs & Maintenance 1 Acre \$1.73 \$1.73 \$21.02 Irigation Equipment 1 Acre \$1.33 \$1.73 \$1.73 \$21.92 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
Mepiquat Chloride-PGR		3	Bale	\$1.00	\$3.00	\$366.00
Cotton Harvest Ethephon 6 Pint Firestorm (3lb Paraquat) 1.5 28 0 Unce Pint \$0.18 \$0.02 \$3.81 \$5.03 \$693.81 \$50.33 \$613.81 \$50.24 Irrigation Irrigation Labor 1.7.99 1.7 rigation Labor 17.99 3.04 Acrelnch Hour \$6.66 \$119.78 \$14,613.21 \$17.50 \$53.19 \$6,489.12 \$6,689.12 \$119.78 \$14,613.21 \$14,613.21 \$17.50 \$53.19 \$6,489.12 \$6,689.12 \$17.50 \$53.19 \$6,489.12 \$6,689.12 \$17.50 \$53.19 \$6,489.12 \$6,689.12 \$17.50 \$53.19 \$6,489.12 \$6,689.12 \$17.50 \$53.19 \$6,489.12 \$6,489.12 \$17.50 \$53.19 \$6,489.12 \$14.80 \$14.40 \$17.50 \$53.19 \$6,489.12 \$14.80 \$17.61 \$20.81 \$20.81 \$20.89 \$20.89 \$20.89 \$20.89 \$20.81 \$20.80 \$20.72 \$20.80 \$20.72 \$20.82		10	0	c 0.00	¢1.00	¢100.00
Ethephon 6 Pint 1.5		16	Ounce	\$0.06	\$1.00	\$122.00
Firestorm (3lb Paraquat)		15	Pint	\$3.81	\$5.72	\$697.69
Cutout						
Energy Cost	· · · · · · · · · · · · · · · · · · ·					
Irrigation Labor	Irrigation					
Machinery Labor Tractors/Self-Propelled 1.42 Hour \$17.21 \$24.44 \$2,981.46 Other Labor 0.22 Hour \$17.21 \$3.79 \$461.92	Energy Cost	17.99	AcreInch	\$6.66	\$119.78	\$14,613.21
Tractors/Self-Propelled		3.04	Hour	\$17.50	\$53.19	\$6,489.12
Other Labor Diesel Fuel Fuel Fuel Tractors/Self-Propelled Tractors/Self-Propelled Tractors/Self-Propelled Tractors/Self-Propelled Tractors/Self-Propelled Tractors/Self-Propelled Tractors/Self-Propelled Tractors/Self-Propelled Total Total Total Total Total Tractors/Self-Propelled Tractors/Self-Propelled Tractors/Self-Propelled Tractors/Self-Propelled Tractors/Self-Propelled Tractors/Self-Propelled Total Tractors/Self-Propelled Tractors/Self-Propelled Tractors/Self-Propelled Tractors/Self-Propelled Total Tractors/Self-Propelled Tractors/Self-Propelled Tractors/Self-Propelled Tractors/Self-Propelled Tractors/Self-Propelled Tacre Sa.62 Sa.62 S441.45 Tractors/Self-Propelled Tacre Sa.62 Sa.62 S441.45 Tractors/Self-Propelled Tacre Sa.62 Sa.62 S441.45 Tractors/Self-Propelled Tacre Sa.62 Sa.62 Sa.62 S441.45 Tractors/Self-Propelled Tacre Sa.62 Sa.62 Sa.63 Sa.64 Sa.6						
Diesel Fuel						
Tractors/Self-Propelled 13.33 Gallon \$2.80 \$37.32 \$4,553.53		0.22	Hour	\$17.21	\$3.79	\$461.92
Repairs & Maintenance		12 22	Gallon	¢2 90	¢27.22	¢4 552 52
Pickup/General Use Equipment 1		13.33	Gallon	φ2.00	φ37.32	φ4,003.03
Repairs & Maintenance		1	Acre	\$7.24	\$7.24	\$882.90
Pickup/General Use Equipment				***-	*	*********
Tractors/Self-Propelled 1 Acre \$33.48 \$33.48 \$4,084.99 Implements 1 Acre \$14.30 \$11,702.20 \$13,005.005 \$14.30 \$17,745.15 \$10,000 \$10,		1	Acre	\$1.73	\$1.73	\$210.92
Implements	Irrigation Equipment	1		\$9.68	\$9.68	\$1,181.45
Interest on Credit Line Sum Su						
System		1	Acre			
Planned Returns Above Variable Costs: Breakeven Price to Cover Variable Costs: Breakeven Price to Cover Variable Costs: \$0.45 Pound Enterprise Total				8.00%		_
Breakeven Price to Cover Variable Costs Summer of the Cover Variable Costs Summer of the Costs Summer of the Costs				=		
FIXED COSTS				¢0.45 5		\$46,430.48
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 \$39.45 \$39.45 \$4,813.08 Equipment Investment Pickup/General Use Equipment \$22.11 Dollars 8.00% \$17.79 \$2,194.49 Equipment Investment \$22.11 Dollars 8.00% \$78.29 \$95.088 Irrigation Equipment \$978.57 Dollars 8.00% \$78.29 \$9,550.88 Tractors/Self-Propelled \$339.86 Dollars 8.00% \$27.19 \$3,317.07 Implements \$101.87 Dollars 8.00% \$8.15 \$994.29 Lease value - Drip 1 Acre \$50.00 \$6,100.00 Total Fixed Costs \$322.37 \$39,329.29 Total Specified Costs \$58.21 \$7,101.19	Breakeven Price to Cover variable Costs			\$0.45 P	rouna	Enterprise
Machinery Depreciation Pickup/General Use Equipment Irrigation Equipment 1 Acre \$3.62 \$3.62 \$441.45 Irrigation Equipment Tractors/Self-Propelled 1 Acre \$39.92 \$95.92 \$11,702.20 Implements Equipment Investment Pickup/General Use Equipment Pickup/General Use Equipment Pickup/General Use Equipment Irrigation Equipment Implements \$22.11 Dollars \$0.00x 8.00% \$1.77 \$215.82 Irrigation Equipment Implements \$978.57 Dollars Dollars 8.00% \$78.29 \$9,550.88 Tractors/Self-Propelled \$339.86 Dollars 8.00% \$27.19 \$3,317.07 Implements \$101.87 Dollars 8.00% \$8.15 \$994.29 Lease value - Drip 1 Acre \$50.00 \$6,100.00 Total Fixed Costs \$322.37 \$39,329.29 Total Specified Costs \$58.21 \$7,101.19	FIXED COSTS	Quantity	Unite	\$/Linit	Total	
Pickup/General Use Equipment		Quantity	Offits	φ/ΟΠΙ	Total	Total
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		1	Acre	\$3.62	\$3.62	\$441.45
Implements		1	Acre			
Equipment Investment \$22.11 Dollars 8.00% \$1.77 \$215.82 Irrigation Equipment \$978.57 Dollars 8.00% \$78.29 \$9,550.88 Tractors/Self-Propelled \$339.86 Dollars 8.00% \$27.19 \$3,317.07 Implements \$101.87 Dollars 8.00% \$8.15 \$994.29 Lease value - Drip 1 Acre \$50.00 \$50.00 \$6,100.00 Total Fixed Costs \$322.37 \$39,329.29 \$39,329.29 Total Specified Costs \$1,255.79 \$153,206.81 Returns Above Specified Costs \$58.21 \$7,101.19	Tractors/Self-Propelled	1	Acre	\$39.45	\$39.45	\$4,813.08
Pickup/General Use Equipment \$22.11 Dollars 8.00% \$1.77 \$215.82 Irigation Equipment \$978.57 Dollars 8.00% \$78.29 \$9,550.88 Tractors/Self-Propelled \$339.86 Dollars 8.00% \$27.19 \$3,317.07 Implements \$101.87 Dollars 8.00% \$8.15 \$994.29 Lease value - Drip 1 Acre \$50.00 \$50.00 \$6,100.00 Total Fixed Costs \$322.37 \$39,329.29 Total Specified Costs \$1,255.79 \$153,206.81 Returns Above Specified Costs \$58.21 \$7,101.19	Implements	1	Acre	\$17.99	\$17.99	\$2,194.49
Irrigation Equipment	• •					
Tractors/Self-Propelled \$339.86 Dollars 8.00% \$27.19 \$3,317.07 Implements \$101.87 Dollars 8.00% \$8.15 \$994.29 Lease value - Drip 1 Acre \$50.00 \$6,100.00 Total Fixed Costs \$322.37 \$39,329.29 Total Specified Costs \$1,255.79 \$153,206.81 Returns Above Specified Costs \$58.21 \$7,101.19						
Implements						
Lease value - Drip 1 Acre \$50.00 \$50.00 \$6,100.00 Total Fixed Costs \$322.37 \$39,329.29 Total Specified Costs \$1,255.79 \$153,206.81 Returns Above Specified Costs \$58.21 \$7,101.19						
Total Fixed Costs \$322.37 \$39,329.29 Total Specified Costs \$1,255.79 \$153,206.81 Returns Above Specified Costs \$58.21 \$7,101.19						
Total Specified Costs \$1,255.79 \$153,206.81 Returns Above Specified Costs \$58.21 \$7,101.19		'	Acre	φυυ.υυ		
Returns Above Specified Costs \$58.21 \$7,101.19				=		
	Total Opcomed Costs			=	Ψ1,200.70	ψ100,200.01
Breakeven Price to Cover Total Costs \$0.66 Pound	Returns Above Specified Costs				\$58.21	\$7,101.19
	Breakeven Price to Cover Total Costs			\$0.66 P	ound	

		Example Breakeven Prices				
Example	Example	To Cover	To Cover			
Yield	Yield	Variable	Total			
Percent	Pound	Costs	Costs			
75%	1125.00	\$0.60	\$0.88			
90%	1350.00	\$0.50	\$0.73			
100%	1500.00	\$0.45	\$0.66			
110%	1650.00	\$0.41	\$0.60			
125%	1875.00	\$0.36	\$0.53			

 $\label{lem:conomists} \textbf{Developed by Extension Agricultural Economists, Texas A\&M AgriLife Extension, budgets@tamu.edu.} \\$

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.