

Projections for Planning Purposes Only – Not to be Used without Updating
2021 Estimated Costs and Returns per Acre
St. Lawrence Dryland Auxin Technology Cotton, 40 Inch Rows
Far West Extension District - 6

Crop Acres		122		Enterprise	
REVENUE	Quantity	Units	\$/Unit	Total	Total
Cotton Lint	350.00	Pound	\$0.63	\$220.50	\$26,901.00
Cotton Seed	0.26	Ton	\$225.00	\$57.49	\$7,013.48
Total Revenue				\$277.99	\$33,914.48
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs					
Herbicide					
Trifluralin Pint	2	Pint	\$2.75	\$5.50	\$671.00
Glyphosate Ounce Generic 4lb	64	Ounce	\$0.13	\$8.50	\$1,037.00
Auxin based herbicide	44	Ounce	\$0.50	\$22.00	\$2,684.00
Seed					
Seed Cotton - B2 Auxin Tech, Dryland	34	Thousand	\$1.43	\$48.78	\$5,951.48
Fertilizer					
Nitrogen - Dry (Urea 46-0-0)	45	Pound	\$0.40	\$18.10	\$2,208.08
Potash 0-0-60	27	Pound	\$0.30	\$8.10	\$988.20
Custom					
Soil Test-Dryland	1	Acre	\$0.25	\$0.25	\$30.50
Custom Spray	1	Acre	\$6.00	\$6.00	\$732.00
Bag, Tie	0.9	Bale	\$15.00	\$13.50	\$1,647.00
Gin and Haul	14.28	CWT	\$2.50	\$35.70	\$4,355.40
Miscellaneous					
NI Cotton 70%, ent, SE Classcock co	1	Acre	\$10.37	\$10.37	\$1,265.14
Boll Weevil Eradication Program	0.7	Bale	\$1.00	\$0.70	\$85.40
Cotton Harvest					
Firestorm (3lb Paraquat)	28	Ounce	\$0.18	\$5.03	\$613.81
Machinery Labor					
Tractors/Self-Propelled	1.18	Hour	\$15.00	\$17.70	\$2,159.40
Other Labor	0.03	Hour	\$15.00	\$0.45	\$54.90
Diesel Fuel					
Tractors/Self-Propelled	11.63	Gallon	\$1.50	\$17.45	\$2,128.29
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
Tractors/Self-Propelled	1	Acre	\$28.87	\$28.87	\$3,522.63
Implements	1	Acre	\$12.04	\$12.04	\$1,469.06
Interest on Credit Line			4.55%	\$3.98	\$484.98
Total Variable Costs				\$269.57	\$32,887.79
Planned Returns Above Variable Costs:				\$8.42	\$1,026.69
Breakeven Price to Cover Variable Costs			\$0.61	Pound	
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Machinery Depreciation					
Pickup/General Use Equipment	1	Acre	\$3.62	\$3.62	\$441.45
Tractors/Self-Propelled	1	Acre	\$35.78	\$35.78	\$4,365.76
Implements	1	Acre	\$15.68	\$15.68	\$1,912.83
Equipment Investment					
Pickup/General Use Equipment	\$22.11	Dollars	5.50%	\$1.22	\$148.38
Tractors/Self-Propelled	\$310.80	Dollars	5.50%	\$17.09	\$2,085.44
Implements	\$92.00	Dollars	5.50%	\$5.06	\$617.31
West Texas Dryland	1	Acre	\$15.00	\$15.00	\$1,830.00
Total Fixed Costs				\$93.45	\$11,401.16
Total Specified Costs				\$363.02	\$44,288.95
Returns Above Specified Costs				(\$85.04)	(\$10,374.47)
Breakeven Price to Cover Total Costs			\$0.87	Pound	

Example Breakeven Prices			
Exampk Yield Percent	Example Yield Pound	To Cover Variable Costs	To Cover Total Costs
75%	262.50	\$0.81	\$1.16
90%	315.00	\$0.67	\$0.97
100%	350.00	\$0.61	\$0.87
110%	385.00	\$0.55	\$0.79
125%	437.50	\$0.48	\$0.70

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.