

Projections for Planning Purposes Only -- Not to be Used without Updating
2022 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	\$0.84	\$294.00	\$35,868.00
Cotton Seed	0.26	Ton	\$250.00	\$63.88	\$7,792.75
Total Revenue				\$357.88	\$43,660.75
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, Drylan	34	Thousand	\$1.43	\$48.78	\$5,951.48
Fertilizer					
Nitrogen - Dry (Urea 46-0-0)	45	Pound	\$0.41	\$18.45	\$2,250.90
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	0.86	Hour	\$16.12	\$13.86	\$1,691.31
Other Labor	0.01	Hour	\$16.12	\$0.16	\$19.67
Diesel Fuel					
Tractors/Self-Propelled	8.46	Gallon	\$2.67	\$22.59	\$2,755.76
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
Tractors/Self-Propelled	1	Acre	\$22.06	\$22.06	\$2,690.76
Implements	1	Acre	\$5.52	\$5.52	\$673.68
Interest on Credit Line			6.30%	\$4.94	\$603.22
Total Variable Costs				\$260.45	\$31,774.64
Planned Returns Above Variable Costs:				\$97.43	\$11,886.11
Breakeven Price to Cover Variable Costs			\$0.56	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	\$26.86	\$26.86	\$3,277.11
Implements	1	Acre	\$8.13	\$8.13	\$992.02
Equipment Investment					
Pickup/General Use Equipment	\$22.11	Dollars	6.30%	\$1.39	\$169.96
Tractors/Self-Propelled	\$242.15	Dollars	6.30%	\$15.26	\$1,861.18
Implements	\$52.57	Dollars	6.30%	\$3.31	\$404.08
West Texas Dryland	1	Acre	\$15.00	\$15.00	\$1,830.00
Total Fixed Costs				\$73.57	\$8,975.79
Total Specified Costs				\$334.02	\$40,750.43
Returns Above Specified Costs				\$23.86	\$2,910.32
Breakeven Price to Cover Total Costs			\$0.77	Pound	

Example Breakeven Prices			
Example Yield Percent	Example Yield Pound	To Cover Variable Costs	To Cover Total Costs
75%	262.50	\$0.75	\$1.03
90%	315.00	\$0.62	\$0.86
100%	350.00	\$0.56	\$0.77
110%	385.00	\$0.51	\$0.70
125%	437.50	\$0.45	\$0.62

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.