

Projections for Planning Purposes Only -- Not to be Used without Updating
2023 Estimated Costs and Returns per Acre
St. Lawrence Dryland Cotton, BIIFlex, 40 Inch Rows
Far West Extension District - 6

Crop Acres		122				
REVENUE		Quantity	Units	\$/Unit	Total	Enterprise Total
Cotton Lint		350.00	Pound	\$0.90	\$315.00	\$38,430.00
Cotton Seed		0.26	Ton	\$300.00	\$76.65	\$9,351.30
Total Revenue					\$391.65	\$47,781.30
VARIABLE COSTS		Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs						
Seed						
Cotton Seed BIIRRF - Dryland		34	Thousand	\$1.45	\$49.37	\$6,022.54
Fertilizer						
Nitrogen - Dry (Urea 45-0-0)		45	Pound	\$0.56	\$25.20	\$3,074.40
Potash 0-0-60		27	Pound	\$0.42	\$11.34	\$1,383.48
Custom						
Soil Test-Dryland		1	Acre	\$0.25	\$0.25	\$30.50
Custom Spray		1	Acre	\$6.39	\$6.39	\$779.58
Bag, Tie		0.9	Bale	\$15.00	\$13.50	\$1,647.00
Gin and Haul		14.28	CWT	\$3.75	\$53.55	\$6,533.10
Herbicide						
Trifluralin Pint		2	Pint	\$2.75	\$5.50	\$671.00
Glyphosate Ounce Generic 4lb		64	Ounce	\$0.13	\$8.50	\$1,037.00
Miscellaneous						
NI Cotton 70%, ent, SE Classcock c		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		1.21	Hour	\$17.21	\$20.82	\$2,540.54
Diesel Fuel						
Tractors/Self-Propelled		11.63	Gallon	\$2.24	\$26.05	\$3,178.25
Gasoline						
Pickup/General Use Equipment		1	Acre	\$5.60	\$5.60	\$683.43
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				8.00%	\$7.28	\$887.82
Total Variable Costs					\$292.09	\$35,635.59
Planned Returns Above Variable Costs:					\$99.56	\$12,145.71
Breakeven Price to Cover Variable Costs				\$0.62	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	8.00%	\$1.77	\$215.82
Tractors/Self-Propelled		\$310.80	Dollars	8.00%	\$24.86	\$3,033.37
Implements		\$92.00	Dollars	8.00%	\$7.36	\$897.90
West Texas Dryland		1	Acre	\$15.00	\$15.00	\$1,830.00
Total Fixed Costs					\$104.07	\$12,697.12
Total Specified Costs					\$396.17	\$48,332.71
Returns Above Specified Costs					(\$4.52)	(\$551.41)
Breakeven Price to Cover Total Costs				\$0.91	Pound	

Example Breakeven Prices			
Example Yield Percent	Example Yield Pound	To Cover Variable Costs	To Cover Total Costs
75%	262.50	\$0.82	\$1.22
90%	315.00	\$0.68	\$1.01
100%	350.00	\$0.62	\$0.91
110%	385.00	\$0.56	\$0.83
125%	437.50	\$0.49	\$0.73

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.