

**Projections for Planning Purposes Only -- Not to be Used without Updating**  
**2016 Estimated Costs and Returns per Acre**  
**St. Lawrence Dryland Cotton, BIIFlex, 40 Inch Rows - 122 Acres**  
**Far West Extension District - 6**

Crop Acres		122				
REVENUE		Quantity	Units	\$/Unit	Total	Enterprise Total
Cotton Lint		350.00	Pound	\$0.56	\$196.00	\$23,912.00
Cotton Seed		0.26	Ton	\$175.00	\$44.71	\$5,454.93
Total Revenue					\$240.71	\$29,366.93
VARIABLE COSTS		Quantity	Units	\$/Unit	Total	Enterprise Total
<b>Production Costs</b>						
Herbicide						
	Trifluralin Pint	2	Pint	\$2.81	\$5.63	\$686.25
	Glyphosate Ounce Generic 4lb	64	Ounce	\$0.13	\$8.00	\$976.00
Seed						
	Cotton Seed BIIRRF	34	Thousand	\$1.65	\$56.10	\$6,844.20
Fertilizer						
	Nitrogen - Dry (Urea 45-0-0)	45	Pound	\$0.43	\$19.49	\$2,377.17
	Phosphate 0-46-0	27	Pound	\$0.38	\$10.26	\$1,251.72
Custom						
	Soil Test-Dryland	1	Acre	\$0.25	\$0.25	\$30.50
	Custom Spray	1	Acre	\$4.00	\$4.00	\$488.00
	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 c	1	Acre	\$11.54	\$11.54	\$1,407.88
Cotton Harvest						
	Firestorm (3lb Paraquat)	28	Ounce	\$0.21	\$5.80	\$707.22
Machinery Labor						
	Tractors/Self-Propelled	2	Hour	\$12.00	\$24.00	\$2,928.00
Diesel Fuel						
	Tractors/Self-Propelled	14.07	Gallon	\$1.50	\$21.11	\$2,574.81
Gasoline						
	Pickup/General Use Equipment	1	Acre	\$5.36	\$5.36	\$654.00
Repairs & Maintenance						
	Pickup/General Use Equipment	1	Acre	\$1.73	\$1.73	\$210.92
	Tractors/Self-Propelled	1	Acre	\$21.68	\$21.68	\$2,644.45
	Implements	1	Acre	\$14.06	\$14.06	\$1,715.91
	Interest on Credit Line			6.50%	\$5.11	\$623.25
Total Variable Costs					\$263.30	\$32,122.68
Planned Returns Above Variable Costs:					(\$22.59)	(\$2,755.75)
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	\$28.68	\$28.68	\$3,499.44
	Implements	1	Acre	\$17.93	\$17.93	\$2,187.74
Equipment Investment						
	Pickup/General Use Equipment	\$22.11	Dollars	6.50%	\$1.44	\$175.35
	Tractors/Self-Propelled	\$253.95	Dollars	6.50%	\$16.51	\$2,013.79
	Implements	\$109.72	Dollars	6.50%	\$7.13	\$870.05
	West Texas Dryland	1	Acre	\$15.00	\$15.00	\$1,830.00
Total Fixed Costs					\$90.31	\$11,017.83
Total Specified Costs					\$353.61	\$43,140.50
Returns Above Specified Costs					(\$112.90)	(\$13,773.58)
Breakeven Price to Cover Total Costs					\$0.88	Pound

Example Breakeven Prices			
Example	Example	To Cover	To Cover
Yield	Yield	Variable	Total
Percent	Pound	Costs	Costs
75%	262.50	\$0.83	\$1.18
90%	315.00	\$0.69	\$0.98
100%	350.00	\$0.62	\$0.88
110%	385.00	\$0.57	\$0.80
125%	437.50	\$0.50	\$0.71

Developed by Bill Thompson, Assistant Professor and Extension Economist, Texas A&M AgriLife Extension Service.

**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.**