

Projections for Planning Purposes Only -- Not to be Used without Updating
2018 Estimated Costs and Returns per Acre
St. Lawrence Dryland Cotton, BIIFlex, 40 Inch Rows
Far West Extension District - 6

Crop Acres		122				
		Quantity	Units	\$/Unit	Total	Enterprise Total
REVENUE						
Cotton Lint		350.00	Pound	\$0.63	\$220.50	\$26,901.00
Cotton Seed		0.26	Ton	\$185.00	\$47.27	\$5,766.64
Total Revenue					\$267.77	\$32,667.64
VARIABLE COSTS						
Production Costs		Quantity	Units	\$/Unit	Total	Enterprise Total
Herbicide						
	Trifluralin Pint	2	Pint	\$2.94	\$5.88	\$717.36
	Glyphosate Ounce Generic 4lb	64	Ounce	\$0.13	\$8.00	\$976.00
Miscellaneous						
	NI Cotton 70%, ent, SE Classcock c	1	Acre	\$20.58	\$20.58	\$2,510.76
	Boll Weevil Eradication Program	0.7	Bale	\$1.00	\$0.70	\$85.40
Seed						
	Cotton Seed BIIRRF	34	Thousand	\$1.28	\$43.52	\$5,309.44
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
Fertilizer						
	Nitrogen - Dry (Urea 45-0-0)	45	Pound	\$0.37	\$16.63	\$2,028.56
	0-60-0	27	Pound	\$0.27	\$7.29	\$889.38
Cotton Harvest						
	Firestorm (3lb Paraquat)	28	Ounce	\$0.18	\$4.99	\$608.48
Machinery Labor						
	Tractors/Self-Propelled	2	Hour	\$12.00	\$24.00	\$2,928.00
Diesel Fuel						
	Tractors/Self-Propelled	14.25	Gallon	\$2.14	\$30.50	\$3,720.39
Gasoline						
	Pickup/General Use Equipment	1	Acre	\$6.41	\$6.41	\$781.53
Repairs & Maintenance						
	Pickup/General Use Equipment	1	Acre	\$1.73	\$1.73	\$210.92
	Tractors/Self-Propelled	1	Acre	\$26.58	\$26.58	\$3,243.18
	Implements	1	Acre	\$16.60	\$16.60	\$2,025.80
	Interest on Credit Line			6.50%	\$5.36	\$653.77
Total Variable Costs					\$272.21	\$33,209.86
Planned Returns Above Variable Costs:					(\$4.44)	(\$542.22)
Breakeven Price to Cover Variable Costs					\$0.64	Pound
FIXED COSTS						
Machinery Depreciation		Quantity	Units	\$/Unit	Total	Enterprise Total
	Pickup/General Use Equipment	1	Acre	\$3.62	\$3.62	\$441.45
	Tractors/Self-Propelled	1	Acre	\$32.68	\$32.68	\$3,986.97
	Implements	1	Acre	\$21.58	\$21.58	\$2,632.19
Equipment Investment						
	Pickup/General Use Equipment	\$22.11	Dollars	6.50%	\$1.44	\$175.35
	Tractors/Self-Propelled	\$286.95	Dollars	6.50%	\$18.65	\$2,275.52
	Implements	\$149.87	Dollars	6.50%	\$9.74	\$1,188.45
	West Texas Dryland	1	Acre	\$15.00	\$15.00	\$1,830.00
Total Fixed Costs					\$102.70	\$12,529.95
Total Specified Costs					\$374.92	\$45,739.81
Returns Above Specified Costs					(\$107.15)	(\$13,072.17)
Breakeven Price to Cover Total Costs					\$0.94	Pound

Example Breakeven Prices			
Example Yield Percent	Example Yield Pound	To Cover Variable Costs	To Cover Total Costs
75%	262.50	\$0.86	\$1.25
90%	315.00	\$0.71	\$1.04
100%	350.00	\$0.64	\$0.94
110%	385.00	\$0.58	\$0.85
125%	437.50	\$0.51	\$0.75

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.