

**Projections for Planning Purposes Only -- Not to be Used without Updating**  
**2017 Estimated Costs and Returns per Acre**  
**St. Lawrence Dryland Cotton, BIFlex, 40 Inch Rows - 122 Acres**  
**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	\$220.00	\$56.21	\$6,857.62
<b>Total Revenue</b>				<b>\$276.71</b>	<b>\$33,758.62</b>
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
<b>Production Costs</b>					
<b>Herbicide</b>					
Trifluralin Pint	2	Pint	\$2.94	\$5.88	\$717.36
Glyphosate Ounce Generic 4lb	64	Ounce	\$0.07	\$4.48	\$546.56
<b>Seed</b>					
Cotton Seed BIIRRF	34	Thousand	\$1.28	\$43.52	\$5,309.44
<b>Fertilizer</b>					
Nitrogen - Dry (Urea 45-0-0)	45	Pound	\$0.39	\$17.55	\$2,141.10
0-60-0	27	Pound	\$0.27	\$7.29	\$889.38
<b>Custom</b>					
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
<b>Miscellaneous</b>					
NI Cotton 70%, ent, SE Classcock c	1	Acre	\$16.18	\$16.18	\$1,973.96
<b>Cotton Harvest</b>					
Firestorm (3lb Paraquat)	28	Ounce	\$0.13	\$3.64	\$444.08
<b>Machinery Labor</b>					
Tractors/Self-Propelled	1.99	Hour	\$12.00	\$23.88	\$2,913.36
<b>Diesel Fuel</b>					
Tractors/Self-Propelled	14.02	Gallon	\$1.75	\$24.54	\$2,993.27
<b>Gasoline</b>					
Pickup/General Use Equipment	1	Acre	\$5.63	\$5.63	\$686.70
<b>Repairs &amp; Maintenance</b>					
Pickup/General Use Equipment	1	Acre	\$1.73	\$1.73	\$210.92
Tractors/Self-Propelled	1	Acre	\$24.82	\$24.82	\$3,028.24
Implements	1	Acre	\$14.38	\$14.38	\$1,754.71
Interest on Credit Line			6.50%	\$4.72	\$576.20
<b>Total Variable Costs</b>				<b>\$251.69</b>	<b>\$30,706.18</b>
Planned Returns Above Variable Costs:				\$25.02	\$3,052.44
Breakeven Price to Cover Variable Costs			\$0.56	Pound	
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
<b>Machinery Depreciation</b>					
Pickup/General Use Equipment	1	Acre	\$3.62	\$3.62	\$441.45
Tractors/Self-Propelled	1	Acre	\$32.40	\$32.40	\$3,952.33
Implements	1	Acre	\$18.59	\$18.59	\$2,267.42
<b>Equipment Investment</b>					
Pickup/General Use Equipment	\$22.11	Dollars	6.50%	\$1.44	\$175.35
Tractors/Self-Propelled	\$282.65	Dollars	6.50%	\$18.37	\$2,241.42
Implements	\$115.54	Dollars	6.50%	\$7.51	\$916.25
West Texas Dryland	1	Acre	\$15.00	\$15.00	\$1,830.00
<b>Total Fixed Costs</b>				<b>\$96.92</b>	<b>\$11,824.24</b>
<b>Total Specified Costs</b>				<b>\$348.61</b>	<b>\$42,530.41</b>
Returns Above Specified Costs				(\$71.90)	(\$8,771.79)
Breakeven Price to Cover Total Costs			\$0.84	Pound	

Example Breakeven Prices			
Example Yield Percent	Example Yield Pound	To Cover Variable Costs	To Cover Total Costs
75%	262.50	\$0.74	\$1.11
90%	315.00	\$0.62	\$0.93
100%	350.00	\$0.56	\$0.84
110%	385.00	\$0.51	\$0.76
125%	437.50	\$0.45	\$0.67

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.**