

**Projections for Planning Purposes Only -- *Not to be Used without Updating***  
**2017 Estimated Costs and Returns per Acre**  
**Cotton - Conventional Seed, Till-24 Row, Dryland, 800 lb. Yield Goal - 500 Acres**  
**Coastal Bend Extension District - 11**

Crop Acres		500				Enterprise
REVENUE	Quantity	Units	\$/Unit	Total	Total	
Cotton Lint	800.00	Pound	\$0.63	\$504.00	\$252,000.00	
Cottonseed	0.58	Ton	\$242.00	\$140.36	\$70,180.00	
<b>Total Revenue</b>				<b>\$644.36</b>	<b>\$322,180.00</b>	
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total	
<b>Production Costs</b>						
Custom						
Fertilizer Application	1	CWT	\$0.10	\$0.10	\$50.00	
Hand Hoeing	1	Acre	\$10.00	\$10.00	\$5,000.00	
Pick and Module	800	Pound	\$0.14	\$112.00	\$56,000.00	
Ginning - Picker	800	Pound	\$0.13	\$100.00	\$50,000.00	
Fertilizer						
24-8-0	0.1665	Ton	\$256.00	\$42.62	\$21,312.00	
Herbicide						
Trifluralin	2.5	Ounce	\$0.19	\$0.47	\$234.38	
Cotton PreEmerge Herbicide	1	Quart	\$10.20	\$10.20	\$5,100.00	
Cotton Early Season Herbicide	0.1	Ounce	\$93.00	\$9.30	\$4,650.00	
Cotton Mid Season Herbicide	16	Ounce	\$0.19	\$3.00	\$1,500.00	
2, 4D Amine	2	Pint	\$1.88	\$3.75	\$1,875.00	
Seed						
Cotton Seed	52.8	Thousand	\$0.74	\$39.07	\$19,536.00	
Cotton Seed - Insect Treatment	52.8	Thousand	\$0.17	\$8.98	\$4,488.00	
Miscellaneous						
Crop Insurance -Cotton LC	1	Acre	\$26.44	\$26.44	\$13,220.00	
Pickup Milage Charge	1	Acre	\$3.88	\$3.88	\$1,940.00	
Insecticide						
Boll Weevil Program LC	1	Acre	\$3.50	\$3.50	\$1,750.00	
Fleahopper Control LC	3.2	Ounce	\$1.02	\$3.26	\$1,632.00	
Bollworm Control	2.5	Ounce	\$1.95	\$4.88	\$2,437.50	
TBW-BAW-AW-BW Control	9	Ounce	\$1.95	\$17.55	\$8,775.00	
Other Labor						
Hand Labor	0.08	Hour	\$16.00	\$1.28	\$640.00	
Other Chemicals						
Desiccant/Defoliant	2.5	Ounce	\$0.74	\$1.85	\$925.00	
C. O. C.	0.8	Pint	\$1.90	\$1.52	\$760.00	
Generic PIX	32	Ounce	\$0.08	\$2.50	\$1,250.00	
Defoliants - Picker	3.2	Ounce	\$0.74	\$2.37	\$1,184.00	
Silicone Surfactant	1.6	Ounce	\$0.70	\$1.12	\$560.00	
Machinery Labor						
Tractors/Self-Propelled	0.62	Hour	\$19.50	\$12.09	\$6,045.00	
Diesel Fuel						
Tractors/Self-Propelled	7.47	Gallon	\$2.10	\$15.69	\$7,843.50	
Repairs & Maintenance						
Tractors/Self-Propelled	1	Acre	\$16.24	\$16.24	\$8,117.54	
Implements	1	Acre	\$20.10	\$20.10	\$10,047.93	
Interest on Credit Line			4.25%	\$6.61	\$3,305.72	
<b>Total Variable Costs</b>				<b>\$480.36</b>	<b>\$240,178.56</b>	
<b>Planned Returns Above Variable Costs:</b>				<b>\$164.00</b>	<b>\$82,001.44</b>	
<b>Breakeven Price to Cover Variable Costs</b>			<b>\$0.42</b>	<b>Pound</b>		
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total	
Machinery Depreciation						
Tractors/Self-Propelled	1	Acre	\$23.04	\$23.04	\$11,518.81	
Implements	1	Acre	\$26.10	\$26.10	\$13,047.67	
Equipment Investment						
Tractors/Self-Propelled	\$176.56	Dollars	7.00%	\$12.36	\$6,179.64	
Implements	\$116.64	Dollars	7.00%	\$8.16	\$4,082.39	
Management Fee, Owner/Operator Labor	1	Acre	\$32.22	\$32.22	\$16,109.00	
LCB - Land Charge	1	Acre	\$70.00	\$70.00	\$35,000.00	
<b>Total Fixed Costs</b>				<b>\$171.88</b>	<b>\$85,937.51</b>	
<b>Total Specified Costs</b>				<b>\$652.23</b>	<b>\$326,116.08</b>	
<b>Returns Above Specified Costs</b>				<b>(\$7.87)</b>	<b>(\$3,936.08)</b>	
<b>Breakeven Price to Cover Total Costs</b>			<b>\$0.64</b>	<b>Pound</b>		

Example Breakeven Prices				
Example Yield Percent	Example Yield Pound	To Cover Variable Costs	To Cover Total Costs	
75%	600.00	\$0.57	\$0.85	
90%	720.00	\$0.47	\$0.71	
100%	800.00	\$0.42	\$0.64	
110%	880.00	\$0.39	\$0.58	
125%	1000.00	\$0.34	\$0.51	

Developed by Extension Economists, 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.**