

Projections for Planning Purposes Only -- Not to be Used without Updating
2017 Estimated Costs and Returns per Acre
Cotton - Genetically Modified Seed, Conv. Till-24 Row, Dryland, 800 lb. Yield Goal - Lower Coast - 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	
Total Revenue				\$644.36	\$322,180.00	
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total	
Production Costs						
Custom						
Fertilizer Application	1	CWT	\$0.10	\$0.10	\$50.00	
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						
Glyphosate	3	Quart	\$5.25	\$15.75	\$7,875.00	
Trifluralin	32	Ounce	\$0.19	\$6.00	\$3,000.00	
2, 4D Amine	2	Pint	\$1.88	\$3.75	\$1,875.00	
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	
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	
Seed						
Cotton Seed - B2RF	40	Thousand	\$0.62	\$24.95	\$12,476.00	
Cotton Seed - Insect Treatment	40	Thousand	\$0.17	\$6.80	\$3,400.00	
Tech Fee - B2RF	1	Acre	\$43.16	\$43.16	\$21,580.00	
Other Labor						
Hand Labor	0.08	Hour	\$16.00	\$1.28	\$640.00	
Other Chemicals						
Generic PIX	5	Ounce	\$0.08	\$0.39	\$195.31	
Defoliant - Picker	0.6	Ounce	\$0.74	\$0.44	\$222.00	
Silicone Surfactant	1.6	Ounce	\$0.70	\$1.12	\$560.00	
Machinery Labor						
Tractors/Self-Propelled	0.5	Hour	\$19.50	\$9.75	\$4,875.00	
Diesel Fuel						
Tractors/Self-Propelled	6.29	Gallon	\$2.10	\$13.21	\$6,604.50	
Repairs & Maintenance						
Tractors/Self-Propelled	1	Acre	\$14.13	\$14.13	\$7,067.50	
Implements	1	Acre	\$19.04	\$19.04	\$9,521.73	
Interest on Credit Line			4.25%	\$6.79	\$3,392.75	
Total Variable Costs				\$458.38	\$229,188.79	
Planned Returns Above Variable Costs:				\$185.98	\$92,991.21	
Breakeven Price to Cover Variable Costs			\$0.40	Pound		
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total	
Machinery Depreciation						
Tractors/Self-Propelled	1	Acre	\$19.30	\$19.30	\$9,651.09	
Implements	1	Acre	\$24.91	\$24.91	\$12,455.70	
Equipment Investment						
Tractors/Self-Propelled	\$148.19	Dollars	7.00%	\$10.37	\$5,186.59	
Implements	\$111.58	Dollars	7.00%	\$7.81	\$3,905.13	
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	
Total Fixed Costs				\$164.62	\$82,307.51	
Total Specified Costs				\$622.99	\$311,496.31	
Returns Above Specified Costs				\$21.37	\$10,683.69	
Breakeven Price to Cover Total Costs			\$0.60	Pound		

Example Breakeven Prices			
Example Yield Percent	Example Yield Pound	To Cover Variable Costs	To Cover Total Costs
75%	600.00	\$0.53	\$0.80
90%	720.00	\$0.44	\$0.67
100%	800.00	\$0.40	\$0.60
110%	880.00	\$0.36	\$0.55
125%	1000.00	\$0.32	\$0.48

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.