

**Projections for Planning Purposes Only -- Not to be Used without Updating**  
**2019 Estimated Costs and Returns per Acre**  
**Cotton - Genetically Modified Seed, Conv. Till-24 Row, Irrigated, 1250 lb. Yield Goal**  
**Coastal Bend Extension District - 11**

Crop Acres		505						
REVENUE				Quantity	Units	\$/Unit	Total	Enterprise Total
Cotton Lint		1,250.00	Pound	\$0.66		\$825.00	\$416,625.00	
Cottonseed		0.86	Ton	\$125.00		\$107.50	\$54,287.50	
Total Revenue						\$932.50	\$470,912.50	
VARIABLE COSTS				Quantity	Units	\$/Unit	Total	Enterprise Total
<b>Production Costs</b>								
Custom								
Fertilizer Application		0	Ounce	\$0.15		\$0.00	\$0.00	
Pick and Module		1250	Pound	\$0.14		\$175.00	\$88,375.00	
Ginning - Picker		1250	Pound	\$0.13		\$156.25	\$78,906.25	
Fertilizer								
24-8-0		0.165	Ton	\$266.00		\$43.89	\$22,164.45	
Herbicide								
Glyphosate		1	Quart	\$5.50		\$5.50	\$2,777.50	
Trifluralin		32	Ounce	\$0.19		\$6.08	\$3,070.40	
2, 4D Amine		2	Pint	\$2.07		\$4.14	\$2,090.70	
Cotton Early Season Herbicide		2	Quart	\$16.24		\$32.48	\$16,402.40	
Insecticide								
Fleahopper Control		1.6	Ounce	\$1.08		\$1.73	\$872.64	
Miscellaneous								
Boll Weevil Program LC		2.5	Bale	\$3.50		\$8.75	\$4,418.75	
Crop Insurance - Irr Cotton		1	Acre	\$14.49		\$14.49	\$7,317.45	
Pickup Milage Charge		1	Acre	\$3.88		\$3.88	\$1,959.40	
Seed								
Cotton Seed - B2RF		45	Thousand	\$1.84		\$82.80	\$41,814.00	
Cotton Seed - Insect Treatment		45	Thousand	\$0.17		\$7.65	\$3,863.25	
Tech Fee - B2RF		1	Acre	\$0.00		\$0.00	\$0.00	
Other Chemicals								
Generic PIX		32	Ounce	\$0.06		\$1.92	\$969.60	
Defoliant - Picker		4	Ounce	\$1.05		\$4.20	\$2,121.00	
Ethephon		1.6	Ounce	\$0.15		\$0.24	\$121.20	
Dual		1	Pint	\$6.60		\$6.60	\$3,333.00	
Other Labor								
Hand Labor		0.08	Hour	\$16.00		\$1.28	\$646.40	
Irrigation								
Energy Cost		10.00	AcreInch	\$2.10		\$21.00	\$10,605.00	
Irrigation Labor		1.50	Hour	\$19.50		\$29.25	\$14,771.25	
Machinery Labor								
Tractors/Self-Propelled		0.51	Hour	\$19.50		\$9.95	\$5,022.23	
Diesel Fuel								
Tractors/Self-Propelled		6.49	Gallon	\$2.46		\$15.97	\$8,062.53	
Repairs & Maintenance								
Irrigation Equipment		1	Acre	\$25.08		\$25.08	\$12,666.67	
Tractors/Self-Propelled		1	Acre	\$16.36		\$16.36	\$8,261.29	
Implements		1	Acre	\$13.96		\$13.96	\$7,049.03	
Interest on Credit Line				6.75%		\$14.63	\$7,388.72	
Total Variable Costs						\$703.07	\$355,050.10	
Planned Returns Above Variable Costs:						\$229.43	\$115,862.40	
Breakeven Price to Cover Variable Costs						\$0.48	Pound	
FIXED COSTS				Quantity	Units	\$/Unit	Total	Enterprise Total
Machinery Depreciation								
Irrigation Equipment		1	Acre	\$28.18		\$28.18	\$14,233.33	
Tractors/Self-Propelled		1	Acre	\$22.22		\$22.22	\$11,221.55	
Implements		1	Acre	\$18.71		\$18.71	\$9,449.64	
Equipment Investment								
Irrigation Equipment		\$293.56	Dollars	6.00%		\$17.61	\$8,895.00	
Tractors/Self-Propelled		\$170.64	Dollars	6.00%		\$10.24	\$5,170.32	
Implements		\$80.88	Dollars	6.00%		\$4.85	\$2,450.60	
Management Fee, Owner/Operator Labor		1	Acre	\$46.63		\$46.63	\$23,545.63	
LCB - Land Charge		1	Acre	\$70.00		\$70.00	\$35,350.00	
Total Fixed Costs						\$218.45	\$110,316.07	
Total Specified Costs						\$921.52	\$465,366.18	
Returns Above Specified Costs						\$10.98	\$5,546.32	
Breakeven Price to Cover Total Costs						\$0.65	Pound	

Example Breakeven Prices			
Example Yield Percent	Example Yield Pound	To Cover Variable Costs	To Cover Total Costs
75%	937.50	\$0.64	\$0.87
90%	1125.00	\$0.53	\$0.72
100%	1250.00	\$0.48	\$0.65
110%	1375.00	\$0.43	\$0.59
125%	1562.50	\$0.38	\$0.52

Developed by Extension Economists, Texas A&M AgriLife Extension Service, budgets@tamu.edu.

**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.**