

Projections for Planning Purposes Only -- Not to be Used without Updating
2013 Estimated Costs and Returns per Acre
Drip Irrigated Cotton, Stacked Gene - 400 Acres
West Central Extension District - 7

Crop Acres		400				Enterprise
REVENUE	Quantity	Units	\$/Unit	Total	Total	Total
Cotton Lint	1,326.000	Lb	\$0.71	\$941.46	\$376,584.00	
Cotton Seed	0.960	Ton	\$300.00	\$288.00	\$115,200.00	
Other Revenue	0.000	Acre	\$0.00	\$0.00	\$0.00	
Total Revenue				\$1,229.46	\$491,784.00	
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
Production Costs						
Seed						
Seed Cotton	38.500	Thousand	\$1.40	\$53.90	\$21,560.00	
Insecticide						
Intruder 70wsp	2.250	Oz	\$9.20	\$20.70	\$8,280.00	
Fertilizer						
Nitrogen Dry	11.000	Pounds	\$0.63	\$6.88	\$2,750.00	
Phosphate	100.000	Pounds	\$0.67	\$67.30	\$26,920.00	
Nitrogen N32	126.000	Pounds	\$0.62	\$78.12	\$31,248.00	
Miscellaneous Costs						
RP 65% W/ SE Crop Ins.	1.000	Acre	\$38.17	\$38.17	\$15,268.00	
Boll Weevil Eradication Progr	1.000	Acre	\$5.00	\$5.00	\$2,000.00	
Herbicide						
Glyphosate	96.000	Oz	\$0.11	\$10.85	\$4,339.20	
2,4-D, Amine	1.250	Pint	\$2.09	\$2.61	\$1,044.00	
Mepiquat Chloride	33.000	Oz	\$0.11	\$3.63	\$1,452.00	
Cotton Harvest						
Ethephon 6	1.500	Pint	\$2.68	\$4.02	\$1,608.00	
Adios	5.000	Oz	\$1.17	\$5.86	\$2,344.00	
Firestorm	28.000	Oz	\$0.15	\$4.20	\$1,680.00	
Custom						
Apply Harvest aid	1.000	Acre	\$7.00	\$7.00	\$2,800.00	
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Custom strip	1,326.000	Lb	\$0.09	\$119.34	\$47,736.00	
Custom Bag/Tie	2.411	Bales	\$5.00	\$12.05	\$4,821.82	
Gin and Haul	47.357	Cwt	\$2.50	\$118.39	\$47,357.14	
Irrigation						
Irrigation Costs	17.000	Acre-Inch	\$5.61	\$95.41	\$38,164.08	
Operator Labor						
Tractors	0.861	Hour	\$12.00	\$10.33	\$4,131.46	
Irrigation Labor						
Labor	0.800	Hour	\$12.00	\$9.60	\$3,840.00	
Diesel Fuel						
Tractors	4.563	Gallon	\$3.30	\$15.06	\$6,022.84	
Gasoline						
Pickup	2.068	Gallon	\$3.20	\$6.62	\$2,647.27	
Repairs & Maintenance						
Tractors	1.000	Acre	\$2.86	\$2.86	\$1,144.49	
Implements	1.000	Acre	\$4.98	\$4.98	\$1,991.31	
Pickup & Self Propelled	1.000	Acre	\$1.43	\$1.43	\$570.14	
Irrigation	1.000	Acre	\$5.50	\$5.50	\$2,200.00	
Interest on Credit Line			3.75%	\$7.18	\$2,870.53	
Total Variable Costs				\$723.98	\$289,590.28	
Planned Returns Above Variable Costs:				\$505.48	\$202,193.72	
Breakeven Price to Cover Variable Costs			\$0.33	Lb		
FIXED COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
Machinery						
Tractors	1.000	Acre	\$17.75	\$17.75	\$7,098.08	
Implements	1.000	Acre	\$15.23	\$15.23	\$6,090.80	
Pickup & Self Propelled	1.000	Acre	\$7.12	\$7.12	\$2,846.54	
Irrigation	1.000	Acre	\$95.70	\$95.70	\$38,280.00	
Land Rent	1.000	Acre	\$70.00	\$70.00	\$28,000.00	
Total Fixed Costs				\$205.79	\$82,315.42	
Total Specified Costs				\$929.76	\$371,905.70	
Returns Above Specified Costs				\$299.70	\$119,878.30	
Breakeven Price to Cover Total Costs			\$0.48	Lb		

Breakeven Prices

Yield Percent	Yield Lb	Variable Costs		Total Costs		
		Full	Tenant	Full	Tenant	Landlord
75%	994.50	\$0.44	\$0.44	\$0.65	\$0.65	\$0.00
90%	1193.40	\$0.37	\$0.37	\$0.54	\$0.54	\$0.00
100%	1326.00	\$0.33	\$0.33	\$0.48	\$0.48	\$0.00
110%	1458.60	\$0.30	\$0.30	\$0.44	\$0.44	\$0.00
125%	1657.50	\$0.26	\$0.26	\$0.39	\$0.39	\$0.00

Developed by Bill Thompson, Assistant Professor and Extension Economist, Texas A&M AgriLife Extension.

Information presented is prepared solely as a general guide and not intended to recognize or predict the costs and returns from any one operation.