

**2023 Estimated Costs and Returns per Acre
Irrigated Cotton
Southwest Extension District - 10**

Crop Acres		122				Enterprise
REVENUE	Quantity	Units	\$/Unit	Total	Total	
Cotton Lint	1,250.00	Pound	\$0.90	\$1,125.00	\$137,250.00	
Cottonseed	2,120.00	Pound	\$0.18	\$381.60	\$46,555.20	
Total Revenue				\$1,506.60	\$183,805.20	
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total	
Production Costs						
Custom						
Custom Apply Fertilizer	1	Acre	\$6.39	\$6.39	\$779.58	
Gin, Bag, Tie - CWT	33.7	CWT	\$3.00	\$101.10	\$12,334.20	
Fertilizer						
UAN(32% N)	5	CWT	\$17.08	\$85.40	\$10,418.80	
Fertilizer 18-46-0	217	Pound	\$0.35	\$75.95	\$9,265.90	
Herbicide						
Glyphosate	4.2	Pint	\$1.63	\$6.85	\$835.85	
Prowl H2O	2	Pint	\$6.09	\$12.19	\$1,486.88	
Insecticide						
Karate Z	1	Ounce	\$0.81	\$0.81	\$98.82	
Miscellaneous						
Crop Insurance - Cotton Irrigated	1	Acre	\$24.00	\$24.00	\$2,928.00	
Boll Weevil Eradication Program	1	Acre	\$2.00	\$2.00	\$244.00	
Seed						
Cotton Seed BIIRRF	52	Thousand	\$1.68	\$87.32	\$10,653.13	
Other Chemicals						
GinStar	5	Ounce	\$1.52	\$7.60	\$926.68	
Ethephon 6	24	Ounce	\$0.21	\$4.97	\$606.19	
Surfactant	1	Ounce	\$0.40	\$0.40	\$48.23	
Gramoxone SL	24	Ounce	\$0.28	\$6.83	\$832.65	
Crop Oil Concentrate	0.25	Pint	\$1.62	\$0.40	\$49.37	
Irrigation						
Energy Cost	990.00	kWh	\$0.17	\$168.30	\$20,532.60	
Irrigation Labor	0.12	Hour	\$17.50	\$2.10	\$256.20	
Machinery Labor						
Tractors/Self-Propelled	1.49	Hour	\$17.21	\$25.64	\$3,128.43	
Other Labor	0.32	Hour	\$17.21	\$5.51	\$671.88	
Diesel Fuel						
Tractors/Self-Propelled	12.06	Gallon	\$2.24	\$27.01	\$3,295.76	
Gasoline						
Pickup/General Use Equipment	1	Acre	\$20.23	\$20.23	\$2,467.54	
Repairs & Maintenance						
Pickup/General Use Equipment	1	Acre	\$4.84	\$4.84	\$590.37	
Irrigation Equipment	1	Acre	\$9.33	\$9.33	\$1,138.47	
Tractors/Self-Propelled	1	Acre	\$31.39	\$31.39	\$3,829.90	
Implements	1	Acre	\$17.17	\$17.17	\$2,095.34	
Interest on Credit Line			8.00%	\$25.84	\$3,152.62	
Total Variable Costs				\$759.57	\$92,667.39	
Planned Returns Above Variable Costs:				\$747.03	\$91,137.81	
Breakeven Price to Cover Variable Costs			\$0.30	Pound		
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total	
Machinery Depreciation						
Pickup/General Use Equipment	1	Acre	\$25.20	\$25.20	\$3,074.85	
Irrigation Equipment	1	Acre	\$80.58	\$80.58	\$9,831.25	
Tractors/Self-Propelled	1	Acre	\$37.17	\$37.17	\$4,534.71	
Implements	1	Acre	\$21.69	\$21.69	\$2,646.32	
Equipment Investment						
Pickup/General Use Equipment	\$105.02	Dollars	8.00%	\$8.40	\$1,024.95	
Irrigation Equipment	\$646.00	Dollars	8.00%	\$51.68	\$6,305.00	
Tractors/Self-Propelled	\$322.15	Dollars	8.00%	\$25.77	\$3,144.18	
Implements	\$138.69	Dollars	8.00%	\$11.10	\$1,353.66	
Irrigated Winter Garden Rent	1	Acre	\$50.00	\$50.00	\$6,100.00	
Total Fixed Costs				\$311.60	\$38,014.92	
Total Specified Costs				\$1,071.17	\$130,682.31	
Returns Above Specified Costs				\$435.43	\$53,122.89	
Breakeven Price to Cover Total Costs			\$0.55	Pound		

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.