

**2021 Estimated Costs and Returns per Acre
Irrigated Cotton
Southwest Extension District - 10**

Crop Acres		122			
				Total	Enterprise Total
REVENUE					
Cotton Lint	Quantity	Units	\$/Unit	Total	Total
Cotton Lint	1,250.00	Pound	\$0.67	\$837.50	\$102,175.00
Cottonseed	2,120.00	Pound	\$0.09	\$185.50	\$22,631.00
Total Revenue				\$1,023.00	\$124,806.00
VARIABLE COSTS					
				Total	Enterprise Total
Production Costs					
Custom					
Custom Apply Fertilizer	1	Acre	\$4.00	\$4.00	\$488.00
Gin, Bag, Tie - CWT	33.7	CWT	\$3.00	\$101.10	\$12,334.20
Fertilizer					
UAN(32% N)	5	CWT	\$12.20	\$61.00	\$7,442.00
Fertilizer 18-46-0	217	Pound	\$0.25	\$53.17	\$6,486.13
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	\$11.00	\$1.32	\$161.04
Machinery Labor					
Tractors/Self-Propelled	2.11	Hour	\$12.00	\$25.32	\$3,089.04
Other Labor	0.5	Hour	\$8.50	\$4.25	\$518.50
Diesel Fuel					
Tractors/Self-Propelled	17.16	Gallon	\$2.00	\$34.32	\$4,187.04
Gasoline					
Pickup/General Use Equipment	1	Acre	\$18.39	\$18.39	\$2,243.22
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	\$41.57	\$41.57	\$5,071.34
Implements	1	Acre	\$25.23	\$25.23	\$3,077.90
Interest on Credit Line			6.50%	\$19.41	\$2,368.32
Total Variable Costs				\$724.90	\$88,437.97
Planned Returns Above Variable Costs:				\$298.10	\$36,368.03
Breakeven Price to Cover Variable Costs				\$0.43	Pound
FIXED COSTS					
				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	\$49.81	\$49.81	\$6,077.07
Implements	1	Acre	\$31.47	\$31.47	\$3,839.93
Equipment Investment					
Pickup/General Use Equipment	\$105.02	Dollars	6.50%	\$6.83	\$832.77
Irrigation Equipment	\$646.00	Dollars	6.50%	\$41.99	\$5,122.81
Tractors/Self-Propelled	\$419.65	Dollars	6.50%	\$27.28	\$3,327.82
Implements	\$174.56	Dollars	6.50%	\$11.35	\$1,384.26
Irrigated Winter Garden Rent	1	Acre	\$50.00	\$50.00	\$6,100.00
Total Fixed Costs				\$324.51	\$39,590.75
Total Specified Costs				\$1,049.42	\$128,028.72
Returns Above Specified Costs				(\$26.42)	(\$3,222.72)
Breakeven Price to Cover Total Costs				\$0.69	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.