

**2023 Estimated Costs and Returns per Acre
Cotton, Sprinkler Irrigated (Roundup Ready Flex)
Panhandle Extension District - 1**

Crop Acres		122				Enterprise
REVENUE	Quantity	Units	\$/Unit	Total	Total	
Cotton Lint	1,500.00	Pound	\$0.80	\$1,200.00	\$146,400.00	
Cottonseed	1.13	Ton	\$300.00	\$337.50	\$41,175.00	
Total Revenue				\$1,537.50	\$187,575.00	
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total	
Production Costs						
Custom						
Fertilizer Application	1	Acre	\$6.39	\$6.39	\$779.58	
Strip and Module - Cotton	15	CWT	\$16.01	\$240.15	\$29,298.30	
Ginning - Cotton	54.95	CWT	\$3.75	\$206.06	\$25,139.63	
Fertilizer						
Fertilizer (P) - Dry	65	Pound	\$0.91	\$59.22	\$7,224.23	
Fertilizer (N) - Dry	135	Pound	\$0.87	\$117.99	\$14,394.78	
Herbicide						
Herbicide and Apply Preplant	1	Acre	\$65.34	\$65.34	\$7,971.48	
Herbicide and Apply Postemerge	1	Acre	\$55.48	\$55.48	\$6,768.56	
Insecticide						
Insecticide and Apply Cotton	1	Acre	\$17.12	\$17.12	\$2,088.64	
Boll Weevil Assessment Irrigated	1	Acre	\$1.06	\$1.06	\$129.32	
Miscellaneous						
Crop Insurance Cotton - Irrigated	1	Acre	\$53.00	\$53.00	\$6,466.00	
Seed						
Seed - Cotton	0.26	Bag	\$346.76	\$90.16	\$10,999.23	
Other Chemicals						
Harvest Aid Apply Cotton Irrigatec	1	Acre	\$44.80	\$44.80	\$5,465.60	
Irrigation						
Energy Cost	12.00	AcreInch	\$4.70	\$56.40	\$6,880.80	
Irrigation Labor	0.77	Hour	\$17.50	\$13.44	\$1,639.68	
Machinery Labor						
Tractors/Self-Propelled	0.36	Hour	\$17.21	\$6.20	\$755.86	
Other Labor	0.41	Hour	\$17.21	\$7.06	\$860.84	
Diesel Fuel						
Tractors/Self-Propelled	1.97	Gallon	\$2.24	\$4.41	\$538.36	
Gasoline						
Pickup/General Use Equipment	1	Acre	\$7.28	\$7.28	\$888.25	
Repairs & Maintenance						
Pickup/General Use Equipment	1	Acre	\$4.26	\$4.26	\$520.20	
Irrigation Equipment	1	Acre	\$45.00	\$45.00	\$5,490.00	
Tractors/Self-Propelled	1	Acre	\$3.64	\$3.64	\$444.62	
Implements	1	Acre	\$3.72	\$3.72	\$453.67	
Interest on Credit Line			8.00%	\$29.30	\$3,575.15	
Total Variable Costs				\$1,137.48	\$138,772.79	
Planned Returns Above Variable Costs:				\$400.02	\$48,802.21	
Breakeven Price to Cover Variable Costs			\$0.53	Pound		
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total	
Machinery Depreciation						
Pickup/General Use Equipment	1	Acre	\$4.48	\$4.48	\$546.21	
Irrigation Equipment	1	Acre	\$33.50	\$33.50	\$4,087.50	
Tractors/Self-Propelled	1	Acre	\$3.49	\$3.49	\$426.14	
Implements	1	Acre	\$4.47	\$4.47	\$545.49	
Equipment Investment						
Pickup/General Use Equipment	\$30.91	Dollars	8.00%	\$2.47	\$301.72	
Irrigation Equipment	\$470.29	Dollars	8.00%	\$37.62	\$4,590.00	
Tractors/Self-Propelled	\$27.21	Dollars	8.00%	\$2.18	\$265.58	
Implements	\$19.13	Dollars	8.00%	\$1.53	\$186.68	
Cash Rent - Cotton Irrigated	1	Acre	\$88.50	\$88.50	\$10,797.00	
Total Fixed Costs				\$178.25	\$21,746.31	
Total Specified Costs				\$1,315.73	\$160,519.10	
Returns Above Specified Costs				\$221.77	\$27,055.90	
Breakeven Price to Cover Total Costs			\$0.65	Pound		

Developed by Justin Benavidez, Assistant Professor, Texas A&M AgriLife Extension, 806-677-5600.

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.