

**2021 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	\$0.70	\$1,050.00	\$128,100.00
Cottonseed	1.13	Ton	\$225.00	\$253.13	\$30,881.25
Total Revenue				\$1,303.13	\$158,981.25
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs					
Custom					
Fertilizer Application	1	Acre	\$5.35	\$5.35	\$652.76
Strip and Module - Cotton	15	CWT	\$12.54	\$188.10	\$22,948.49
Ginning - Cotton	54.95	CWT	\$3.14	\$172.27	\$21,016.99
Fertilizer					
Fertilizer (P) - Dry	65	Pound	\$0.45	\$29.25	\$3,568.50
Fertilizer (N) - Dry	135	Pound	\$0.40	\$54.00	\$6,588.00
Herbicide					
Herbicide and Apply Preplant	1	Acre	\$24.62	\$24.62	\$3,003.27
Herbicide and Apply Postemerge	1	Acre	\$21.12	\$21.12	\$2,576.24
Insecticide					
Insecticide and Apply Cotton	1	Acre	\$10.36	\$10.36	\$1,264.18
Boll Weevil Assessment Irrigated	1	Acre	\$0.74	\$0.74	\$89.75
Miscellaneous					
Crop Insurance Cotton - Irrigated	1	Acre	\$55.00	\$55.00	\$6,710.00
Seed					
Seed - Cotton	0.26	Bag	\$344.29	\$89.52	\$10,920.93
Other Chemicals					
Harvest Aid Apply Cotton Irrigated	1	Acre	\$27.12	\$27.12	\$3,308.41
Irrigation					
Energy Cost	12.00	AcreInch	\$3.35	\$40.20	\$4,904.40
Irrigation Labor	0.77	Hour	\$13.65	\$10.48	\$1,278.95
Machinery Labor					
Tractors/Self-Propelled	0.63	Hour	\$13.43	\$8.46	\$1,032.23
Other Labor	0.72	Hour	\$13.43	\$9.67	\$1,179.69
Diesel Fuel					
Tractors/Self-Propelled	3.22	Gallon	\$2.19	\$7.05	\$860.40
Gasoline					
Pickup/General Use Equipment	1	Acre	\$8.84	\$8.84	\$1,078.65
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	\$5.74	\$5.74	\$699.73
Implements	1	Acre	\$6.19	\$6.19	\$755.39
Interest on Credit Line			6.25%	\$15.91	\$1,941.13
Total Variable Costs				\$839.25	\$102,388.30
Planned Returns Above Variable Costs:				\$463.88	\$56,592.95
Breakeven Price to Cover Variable Costs			\$0.39	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	\$5.34	\$5.34	\$651.91
Implements	1	Acre	\$7.17	\$7.17	\$875.27
Equipment Investment					
Pickup/General Use Equipment	\$30.91	Dollars	6.25%	\$1.93	\$235.72
Irrigation Equipment	\$470.29	Dollars	6.25%	\$29.39	\$3,585.94
Tractors/Self-Propelled	\$41.63	Dollars	6.25%	\$2.60	\$317.41
Implements	\$31.09	Dollars	6.25%	\$1.94	\$237.05
Cash Rent - Cotton Irrigated	1	Acre	\$76.00	\$76.00	\$9,272.00
Total Fixed Costs				\$162.37	\$19,809.01
Total Specified Costs				\$1,001.62	\$122,197.31
Returns Above Specified Costs				\$301.51	\$36,783.94
Breakeven Price to Cover Total Costs			\$0.50	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.