

**2021 Estimated Costs and Returns per Acre
Cotton - Red Till Irrig
Rolling Plains Extension District - 3**

Crop Acres		640				Enterprise
REVENUE	Quantity	Units	\$/Unit	Total	Total	
Cotton Lint	1,267.00	Pound	\$0.74	\$937.58	\$600,051.20	
Total Revenue				\$937.58	\$600,051.20	
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total	
Production Costs						
Custom						
Fertilizer Application	1	Acre	\$4.50	\$4.50	\$2,880.00	
Custom Stripping	1267	Pound	\$0.12	\$152.04	\$97,305.60	
Fertilizer						
Fertilizer (N)	100	Pound	\$0.25	\$25.00	\$16,000.00	
Fertilizer (P)	50	Pound	\$0.33	\$16.25	\$10,400.00	
Herbicide						
Roundup	4	Pint	\$1.88	\$7.50	\$4,800.00	
Prowl	64	Ounces	\$0.51	\$32.64	\$20,889.60	
Enlist Duo	4.7	Pint	\$3.52	\$16.52	\$10,573.12	
Liberty	29	Ounce	\$0.39	\$11.31	\$7,238.40	
Harvest Aid - Prep	1	Pint	\$3.75	\$3.75	\$2,400.00	
Harvest Aid -Def	1	Ounce	\$0.55	\$0.55	\$350.00	
2,4D	1.5	Pint	\$2.75	\$4.12	\$2,637.60	
Insecticide						
Insecticide - Cotton	0.5	Pound	\$7.20	\$3.60	\$2,304.00	
Prevathon	16	Ounce	\$0.83	\$13.28	\$8,499.20	
Brigade	2	Ounce	\$1.75	\$3.50	\$2,238.40	
Miscellaneous						
Insurance - Dryland Cotton	1	Acre	\$15.00	\$15.00	\$9,600.00	
Seed						
Cotton Seed	11.5	Pound	\$8.00	\$92.00	\$58,880.00	
Irrigation						
Energy Cost	11.80	AcreInch	\$4.50	\$53.10	\$33,984.00	
Irrigation Labor	0.96	Hour	\$14.00	\$13.44	\$8,601.60	
Machinery Labor						
Tractors/Self-Propelled	0.37	Hour	\$14.00	\$5.18	\$3,315.20	
Other Labor	0.45	Hour	\$14.00	\$6.30	\$4,032.00	
Diesel Fuel						
Tractors/Self-Propelled	4.64	Gallon	\$1.40	\$6.50	\$4,157.44	
Gasoline						
Pickup/General Use Equipment	1	Acre	\$1.05	\$1.05	\$675.00	
Repairs & Maintenance						
Pickup/General Use Equipment	1	Acre	\$0.35	\$0.35	\$225.00	
Irrigation Equipment	1	Acre	\$13.11	\$13.11	\$8,392.54	
Tractors/Self-Propelled	1	Acre	\$12.36	\$12.36	\$7,912.31	
Implements	1	Acre	\$8.96	\$8.96	\$5,735.63	
Interest on Credit Line			6.50%	\$12.93	\$8,273.58	
Total Variable Costs				\$534.84	\$342,300.22	
Planned Returns Above Variable Costs:				\$402.74	\$257,750.98	
Breakeven Price to Cover Variable Costs			\$0.42	Pound		
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total	
Machinery Depreciation						
Pickup/General Use Equipment	1	Acre	\$0.49	\$0.49	\$312.38	
Irrigation Equipment	1	Acre	\$24.38	\$24.38	\$15,600.00	
Tractors/Self-Propelled	1	Acre	\$17.01	\$17.01	\$10,885.97	
Implements	1	Acre	\$11.89	\$11.89	\$7,606.68	
Equipment Investment						
Pickup/General Use Equipment	\$3.42	Dollars	5.50%	\$0.19	\$120.35	
Irrigation Equipment	\$710.94	Dollars	5.50%	\$39.10	\$25,025.00	
Tractors/Self-Propelled	\$130.54	Dollars	5.50%	\$7.18	\$4,595.04	
Implements	\$50.84	Dollars	5.50%	\$2.80	\$1,789.68	
Cash Rent - Irrigated Cotton	1	Acre	\$90.00	\$90.00	\$57,600.00	
Total Fixed Costs				\$193.02	\$123,535.10	
Total Specified Costs				\$727.87	\$465,835.32	
Returns Above Specified Costs				\$209.71	\$134,215.88	
Breakeven Price to Cover Total Costs			\$0.57	Pound		

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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.