

**2023 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	Total	
Cotton Lint	1,267.00	Pound	\$0.86	\$1,089.62	\$1,089.62	\$697,356.80	
Total Revenue				\$1,089.62	\$1,089.62	\$697,356.80	
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise	
Production Costs							
Custom							
Fertilizer Application	1	Acre	\$5.00	\$5.00	\$5.00	\$3,200.00	
Custom Stripping	1267	Pound	\$0.12	\$152.04	\$152.04	\$97,305.60	
Fertilizer							
Fertilizer (N)	100	Pound	\$0.79	\$79.00	\$79.00	\$50,560.00	
Fertilizer (P)	50	Pound	\$0.63	\$31.50	\$31.50	\$20,160.00	
Herbicide							
Roundup	4	Pint	\$4.37	\$17.47	\$17.47	\$11,180.80	
Prowl	64	Ounces	\$0.39	\$25.00	\$25.00	\$15,996.80	
Enlist Duo	4.7	Pint	\$6.93	\$32.55	\$32.55	\$20,830.40	
Liberty	29	Ounce	\$0.70	\$20.30	\$20.30	\$12,992.00	
Harvest Aid - Prep	1	Pint	\$3.75	\$3.75	\$3.75	\$2,400.00	
Harvest Aid -Def	1	Ounce	\$0.55	\$0.55	\$0.55	\$350.00	
2,4D	1.5	Pint	\$2.84	\$4.26	\$4.26	\$2,726.40	
Insecticide							
Insecticide - Cotton	0.5	Pound	\$7.20	\$3.60	\$3.60	\$2,304.00	
Prevathon	16	Ounce	\$1.14	\$18.24	\$18.24	\$11,673.60	
Brigade	2	Ounce	\$1.75	\$3.50	\$3.50	\$2,238.40	
Miscellaneous							
Insurance - Dryland Cotton	1	Acre	\$15.00	\$15.00	\$15.00	\$9,600.00	
Seed							
Cotton Seed	11.5	Pound	\$8.00	\$92.00	\$92.00	\$58,880.00	
Irrigation							
Energy Cost	11.80	AcreInch	\$6.75	\$79.65	\$79.65	\$50,976.00	
Irrigation Labor	0.96	Hour	\$15.00	\$14.40	\$14.40	\$9,216.00	
Machinery Labor							
Tractors/Self-Propelled	0.32	Hour	\$15.00	\$4.80	\$4.80	\$3,072.00	
Other Labor	0.38	Hour	\$15.00	\$5.70	\$5.70	\$3,648.00	
Diesel Fuel							
Tractors/Self-Propelled	3.91	Gallon	\$3.49	\$13.65	\$13.65	\$8,733.38	
Gasoline							
Pickup/General Use Equipment	1	Acre	\$1.05	\$1.05	\$1.05	\$675.00	
Repairs & Maintenance							
Pickup/General Use Equipment	1	Acre	\$0.35	\$0.35	\$0.35	\$225.00	
Irrigation Equipment	1	Acre	\$13.11	\$13.11	\$13.11	\$8,392.54	
Tractors/Self-Propelled	1	Acre	\$11.30	\$11.30	\$11.30	\$7,233.38	
Implements	1	Acre	\$8.68	\$8.68	\$8.68	\$5,557.36	
Interest on Credit Line			7.50%	\$19.67	\$19.67	\$12,586.92	
Total Variable Costs				\$676.11	\$676.11	\$432,713.58	
Planned Returns Above Variable Costs:				\$413.51	\$413.51	\$264,643.22	
Breakeven Price to Cover Variable Costs			\$0.53	Pound			
FIXED COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise	
Machinery Depreciation							
Pickup/General Use Equipment	1	Acre	\$0.49	\$0.49	\$0.49	\$312.38	
Irrigation Equipment	1	Acre	\$24.38	\$24.38	\$24.38	\$15,600.00	
Tractors/Self-Propelled	1	Acre	\$16.15	\$16.15	\$16.15	\$10,335.32	
Implements	1	Acre	\$11.68	\$11.68	\$11.68	\$7,473.06	
Equipment Investment							
Pickup/General Use Equipment	\$3.42	Dollars	6.50%	\$0.22	\$0.22	\$142.23	
Irrigation Equipment	\$710.94	Dollars	6.50%	\$46.21	\$46.21	\$29,575.00	
Tractors/Self-Propelled	\$123.73	Dollars	6.50%	\$8.04	\$8.04	\$5,147.11	
Implements	\$49.95	Dollars	6.50%	\$3.25	\$3.25	\$2,077.93	
Cash Rent - Irrigated Cotton	1	Acre	\$90.00	\$90.00	\$90.00	\$57,600.00	
Total Fixed Costs				\$200.41	\$200.41	\$128,263.02	
Total Specified Costs				\$876.53	\$876.53	\$560,976.60	
Returns Above Specified Costs				\$213.09	\$213.09	\$136,380.20	
Breakeven Price to Cover Total Costs			\$0.69	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.