

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

Crop Acres		640			
				Enterprise	
REVENUE	Quantity	Units	\$/Unit	Total	Total
Cotton Lint	1,312.00	Pound	\$0.74	\$970.88	\$621,363.20
<b>Total Revenue</b>				<b>\$970.88</b>	<b>\$621,363.20</b>
				Enterprise	
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total
<b>Production Costs</b>					
Custom					
Fertilizer Application	1	Acre	\$4.50	\$4.50	\$2,880.00
Custom Stripping	1312	Pound	\$0.12	\$157.44	\$100,761.60
Herbicide Application	4	Acre	\$5.50	\$22.00	\$14,080.00
Fertilizer					
Fertilizer (N)	100	Pound	\$0.25	\$25.00	\$16,000.00
Fertilizer (P)	50	Pound	\$0.33	\$16.25	\$10,400.00
Herbicide					
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
Insecticide					
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	0.38	Hour	\$14.00	\$5.32	\$3,404.80
Other Labor	0.46	Hour	\$14.00	\$6.44	\$4,121.60
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	\$13.35	\$13.35	\$8,544.96
Implements	1	Acre	\$12.45	\$12.45	\$7,967.47
Interest on Credit Line			6.50%	\$18.42	\$11,786.87
<b>Total Variable Costs</b>				<b>\$557.27</b>	<b>\$356,651.60</b>
Planned Returns Above Variable Costs:				\$413.61	\$264,711.60
Breakeven Price to Cover Variable Costs			\$0.42	Pound	
FIXED COSTS	Quantity	Units	\$/Unit	Total	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	\$13.80	\$13.80	\$8,829.80
Implements	1	Acre	\$15.81	\$15.81	\$10,117.50
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	\$107.48	Dollars	5.50%	\$5.91	\$3,783.28
Implements	\$67.63	Dollars	5.50%	\$3.72	\$2,380.42
Cash Rent - Irrigated Cotton	1	Acre	\$90.00	\$90.00	\$57,600.00
<b>Total Fixed Costs</b>				<b>\$193.39</b>	<b>\$123,768.73</b>
<b>Total Specified Costs</b>				<b>\$750.66</b>	<b>\$480,420.32</b>
Returns Above Specified Costs				\$220.22	\$140,942.88
Breakeven Price to Cover Total Costs			\$0.57	Pound	

Francisco Abelló, Assistant Professor and Extension Specialist, Texas A&M AgriLife Extension, 940-647-3908

**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.**