

**Projections for Planning Purposes Only -- Not to be Used without Updating**  
**2023 Estimated Costs and Returns per Acre**  
**El Paso County Cotton, Canal Delivered Furrow Irrigated, 40 Inch Rows**  
**Far West Extension District - 6**

Crop Acres		122			
REVENUE					
	Quantity	Units	\$/Unit	Total	Enterprise Total
Cotton Lint	1,326.00	Pound	\$0.90	\$1,193.40	\$145,594.80
Cotton Seed	1.06	Ton	\$300.00	\$318.30	\$38,832.60
<b>Total Revenue</b>				<b>\$1,511.70</b>	<b>\$184,427.40</b>
VARIABLE COSTS					
	Quantity	Units	\$/Unit	Total	Enterprise Total
<b>Production Costs</b>					
<b>Seed</b>					
Tech Fee Erad Zn El Paso	1	Acre	\$20.00	\$20.00	\$2,440.00
Cotton Seed BIIRRF - Irrigated	40	Thousand	\$1.65	\$66.09	\$8,062.61
<b>Fertilizer</b>					
Fertilizer 10-34-0	1.5	CWT	\$29.05	\$43.58	\$5,316.15
N-32 in Water	280	Pound	\$0.53	\$148.40	\$18,104.80
<b>Custom</b>					
Custom Spray	2	Acre	\$6.39	\$12.78	\$1,559.16
Gin, Bag, Tie	21.22	CWT	\$5.00	\$106.10	\$12,944.20
<b>Herbicide</b>					
Trifluralin	2	Pint	\$2.75	\$5.50	\$671.00
Glyphosate	2	Pint	\$2.13	\$4.25	\$518.50
<b>Other Labor</b>					
Hand Labor	0.7764	Hour	\$8.50	\$6.60	\$805.13
<b>Other Chemicals</b>					
Prep	16	Ounce	\$0.16	\$2.56	\$312.32
Def 6 (Tribufos)	1	Pint	\$8.75	\$8.75	\$1,067.50
Gramoxone Inteon (2 lb paraquat)	20	Ounce	\$0.16	\$3.13	\$381.25
Aim	0.25	Ounce	\$4.84	\$1.21	\$147.62
<b>Irrigation</b>					
Water Cost	24.00	AcreInch	\$1.75	\$42.00	\$5,124.00
<b>Machinery Labor</b>					
Tractors/Self-Propelled	2.38	Hour	\$17.21	\$40.96	\$4,997.10
<b>Diesel Fuel</b>					
Tractors/Self-Propelled	15.27	Gallon	\$2.24	\$34.20	\$4,172.99
<b>Gasoline</b>					
Pickup/General Use Equipment	1	Acre	\$6.72	\$6.72	\$820.12
<b>Repairs &amp; Maintenance</b>					
Pickup/General Use Equipment	1	Acre	\$1.61	\$1.61	\$196.20
Tractors/Self-Propelled	1	Acre	\$32.00	\$32.00	\$3,903.51
Implements	1	Acre	\$21.90	\$21.90	\$2,672.15
Interest on Credit Line			8.00%	\$14.81	\$1,807.34
<b>Total Variable Costs</b>				<b>\$623.14</b>	<b>\$76,023.63</b>
<b>Planned Returns Above Variable Costs:</b>				<b>\$888.56</b>	<b>\$108,403.77</b>
<b>Breakeven Price to Cover Variable Costs</b>			<b>\$0.23</b>	<b>Pound</b>	
FIXED COSTS					
	Quantity	Units	\$/Unit	Total	Enterprise Total
<b>Machinery Depreciation</b>					
Pickup/General Use Equipment	1	Acre	\$6.03	\$6.03	\$735.75
Tractors/Self-Propelled	1	Acre	\$35.74	\$35.74	\$4,360.65
Implements	1	Acre	\$27.80	\$27.80	\$3,391.68
<b>Equipment Investment</b>					
Pickup/General Use Equipment	\$25.13	Dollars	8.00%	\$2.01	\$245.25
Tractors/Self-Propelled	\$311.98	Dollars	8.00%	\$24.96	\$3,044.95
Implements	\$182.53	Dollars	8.00%	\$14.60	\$1,781.49
Trans Pecos Irrigated Land	1	Acre	\$50.00	\$50.00	\$6,100.00
<b>Total Fixed Costs</b>				<b>\$161.15</b>	<b>\$19,659.77</b>
<b>Total Specified Costs</b>				<b>\$784.29</b>	<b>\$95,683.40</b>
<b>Returns Above Specified Costs</b>				<b>\$727.41</b>	<b>\$88,744.00</b>
<b>Breakeven Price to Cover Total Costs</b>			<b>\$0.35</b>	<b>Pound</b>	

Example Breakeven Prices			
Example Yield Percent	Example Yield Pound	To Cover Variable Costs	To Cover Total Costs
75%	994.50	\$0.31	\$0.47
90%	1193.40	\$0.26	\$0.39
100%	1326.00	\$0.23	\$0.35
110%	1458.60	\$0.21	\$0.32
125%	1657.50	\$0.18	\$0.28

Developed by Bill Thompson, Assistant Professor and Extension Economist, Texas A&M AgriLife Extension Service, 325-653-4576.

**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.**