

**Projections for Planning Purposes Only -- Not to be Used without Updating**  
**2024 Estimated Costs and Returns per Acre**  
**Trans Pecos Cotton, Center Pivot Irrigated, 40 Inch Rows**  
**Far West Extension District - 6**

Crop Acres		122			
<b>REVENUE</b>					
	Quantity	Units	\$/Unit	Total	Enterprise Total
Cotton Lint	1,500.00	Pound	\$0.80	\$1,200.00	\$146,400.00
Cotton Seed	1.40	Ton	\$270.00	\$378.00	\$46,116.00
<b>Total Revenue</b>				<b>\$1,578.00</b>	<b>\$192,516.00</b>
<b>VARIABLE COSTS</b>					
	Quantity	Units	\$/Unit	Total	Enterprise Total
<b>Production Costs</b>					
<b>Seed</b>					
Cotton Seed BIIRRF - Irrigated	40	Thousand	\$1.65	\$66.09	\$8,062.61
<b>Fertilizer</b>					
Potash 0-0-60	75	Pound	\$0.42	\$31.50	\$3,843.00
N-32	140	Pound	\$0.53	\$74.20	\$9,052.40
Phosphoric Acid	32	Pound	\$0.41	\$13.12	\$1,600.64
<b>Custom</b>					
Soil Test-Irrigated	1	Acre	\$0.50	\$0.50	\$61.00
Custom Spray	2	Acre	\$6.39	\$12.78	\$1,559.16
Bag, Tie	2.5	Bale	\$15.00	\$37.50	\$4,575.00
Gin and Haul	53.57	CWT	\$3.75	\$200.89	\$24,508.28
<b>Herbicide</b>					
Trifluralin Pint	2	Pint	\$2.75	\$5.50	\$671.00
Caparol 4L Ounce	24	Ounce	\$0.25	\$6.09	\$743.42
Glyphosate Ounce Generic	64	Ounce	\$0.13	\$8.50	\$1,037.00
Direx 4L	2	Pint	\$2.74	\$5.48	\$668.56
Mepiquat Chloride-PGR	22	Ounce	\$0.06	\$1.38	\$167.75
<b>Other Chemicals</b>					
Ethephon 6 Pint	1.5	Pint	\$3.81	\$5.72	\$697.69
Firestorm (3lb Paraquat)	28	Ounce	\$0.18	\$5.03	\$613.81
Cutout	5	Ounce	\$0.92	\$4.61	\$562.34
<b>Miscellaneous</b>					
Boll Weevil Eradication Program	3	Bale	\$1.00	\$3.00	\$366.00
IRR Cotton RP, 70% Ent, SE, Pecos	1	Acre	\$18.98	\$18.98	\$2,315.56
<b>Irrigation</b>					
Energy Cost	27.00	AcreInch	\$6.71	\$181.28	\$22,115.56
Irrigation Labor	0.12	Hour	\$17.50	\$2.07	\$252.36
<b>Machinery Labor</b>					
Tractors/Self-Propelled	1.54	Hour	\$17.21	\$26.50	\$3,233.41
<b>Diesel Fuel</b>					
Tractors/Self-Propelled	12.14	Gallon	\$3.60	\$43.70	\$5,331.89
<b>Gasoline</b>					
Pickup/General Use Equipment	1	Acre	\$17.74	\$17.74	\$2,164.05
<b>Repairs &amp; Maintenance</b>					
Pickup/General Use Equipment	1	Acre	\$3.20	\$3.20	\$390.92
Irrigation Equipment	1	Acre	\$71.21	\$71.21	\$8,687.60
Tractors/Self-Propelled	1	Acre	\$35.46	\$35.46	\$4,326.38
Implements	1	Acre	\$13.65	\$13.65	\$1,665.38
Interest on Credit Line			8.00%	\$18.62	\$2,271.05
<b>Total Variable Costs</b>				<b>\$914.29</b>	<b>\$111,543.81</b>
Planned Returns Above Variable Costs:				\$663.71	\$80,972.19
Breakeven Price to Cover Variable Costs			\$0.36	Pound	
<b>FIXED COSTS</b>					
	Quantity	Units	\$/Unit	Total	Enterprise Total
<b>Machinery Depreciation</b>					
Pickup/General Use Equipment	1	Acre	\$9.15	\$9.15	\$1,116.45
Irrigation Equipment	1	Acre	\$59.23	\$59.23	\$7,226.00
Tractors/Self-Propelled	1	Acre	\$39.23	\$39.23	\$4,786.35
Implements	1	Acre	\$17.13	\$17.13	\$2,090.30
<b>Equipment Investment</b>					
Pickup/General Use Equipment	\$45.17	Dollars	8.00%	\$3.61	\$440.82
Irrigation Equipment	\$444.22	Dollars	8.00%	\$35.54	\$4,335.60
Tractors/Self-Propelled	\$338.02	Dollars	8.00%	\$27.04	\$3,299.04
Implements	\$98.22	Dollars	8.00%	\$7.86	\$958.63
Trans Pecos Irrigated Land	1	Acre	\$50.00	\$50.00	\$6,100.00
<b>Total Fixed Costs</b>				<b>\$248.80</b>	<b>\$30,353.19</b>
<b>Total Specified Costs</b>				<b>\$1,163.09</b>	<b>\$141,897.01</b>
Returns Above Specified Costs				\$414.91	\$50,618.99
<b>Breakeven Price to Cover Total Costs</b>			<b>\$0.52</b>	<b>Pound</b>	

<b>Example Breakeven Prices</b>			
Example Yield Percent	Example Yield Pound	To Cover Variable Costs	To Cover Total Costs
75%	1125.00	\$0.48	\$0.70
90%	1350.00	\$0.40	\$0.58
100%	1500.00	\$0.36	\$0.52
110%	1650.00	\$0.33	\$0.48
125%	1875.00	\$0.29	\$0.42

Developed by Extension Economists, Texas A&M AgriLife Extension Service, budgets@tamu.edu.

**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.**