

**Projections for Planning Purposes Only -- Not to be Used without Updating**  
**2022 Estimated Costs and Returns per Acre**  
**Trans Pecos Cotton, Center Pivot Irrigated, 40 Inch Rows**  
**Far West Extension District - 6**

Crop Acres		122		Enterprise	
REVENUE	Quantity	Units	\$/Unit	Total	Total
Cotton Lint	1,500.00	Pound	\$0.84	\$1,260.00	\$153,720.00
Cotton Seed	1.40	Ton	\$250.00	\$350.00	\$42,700.00
<b>Total Revenue</b>				<b>\$1,610.00</b>	<b>\$196,420.00</b>
VARIABLE COSTS	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	\$0.30	\$22.50	\$2,745.00
N-32	140	Pound	\$0.55	\$77.00	\$9,394.00
Phosphoric Acid	32	Pound	\$0.56	\$17.92	\$2,186.24
<b>Custom</b>					
Soil Test-Irrigated	1	Acre	\$0.50	\$0.50	\$61.00
Custom Spray	2	Acre	\$6.00	\$12.00	\$1,464.00
Bag, Tie	2.5	Bale	\$15.00	\$37.50	\$4,575.00
Gin and Haul	53.57	CWT	\$2.50	\$133.93	\$16,338.85
<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	\$16.38	\$1.94	\$236.21
<b>Machinery Labor</b>					
Tractors/Self-Propelled	0.97	Hour	\$16.12	\$15.64	\$1,907.64
<b>Diesel Fuel</b>					
Tractors/Self-Propelled	8.76	Gallon	\$2.67	\$23.39	\$2,853.48
<b>Gasoline</b>					
Pickup/General Use Equipment	1	Acre	\$14.08	\$14.08	\$1,717.50
<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	\$36.81	\$36.81	\$4,490.50
Implements	1	Acre	\$6.09	\$6.09	\$742.94
Interest on Credit Line			6.30%	\$13.44	\$1,639.67
<b>Total Variable Costs</b>				<b>\$798.79</b>	<b>\$97,451.84</b>
<b>Planned Returns Above Variable Costs:</b>				<b>\$811.21</b>	<b>\$98,968.16</b>
<b>Breakeven Price to Cover Variable Costs</b>			<b>\$0.30</b>	<b>Pound</b>	
FIXED COSTS	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	\$40.62	\$40.62	\$4,955.99
Implements	1	Acre	\$8.64	\$8.64	\$1,053.53
<b>Equipment Investment</b>					
Pickup/General Use Equipment	\$45.17	Dollars	6.30%	\$2.85	\$347.15
Irrigation Equipment	\$444.22	Dollars	6.30%	\$27.99	\$3,414.29
Tractors/Self-Propelled	\$348.85	Dollars	6.30%	\$21.98	\$2,681.25
Implements	\$54.73	Dollars	6.30%	\$3.45	\$420.66
Trans Pecos Irrigated Land	1	Acre	\$50.00	\$50.00	\$6,100.00
<b>Total Fixed Costs</b>				<b>\$223.90</b>	<b>\$27,315.31</b>
<b>Total Specified Costs</b>				<b>\$1,022.68</b>	<b>\$124,767.15</b>
<b>Returns Above Specified Costs</b>				<b>\$587.32</b>	<b>\$71,652.85</b>
<b>Breakeven Price to Cover Total Costs</b>			<b>\$0.45</b>	<b>Pound</b>	

Example Breakeven Prices			
Example Yield Percent	Example Yield Pound	To Cover Variable Costs	To Cover Total Costs
75%	1125.00	\$0.40	\$0.60
90%	1350.00	\$0.33	\$0.50
100%	1500.00	\$0.30	\$0.45
110%	1650.00	\$0.27	\$0.41
125%	1875.00	\$0.24	\$0.36

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.*