

**Projections for Planning Purposes Only -- Not to be Used without Updating**

**2021 Estimated Costs and Returns per Acre  
Trans Pecos Cotton, Center Pivot Irrigated, 40 Inch Rows  
Far West Extension District - 6**

Crop Acres		122			
				Total	Enterprise Total
<b>REVENUE</b>					
	Quantity	Units	\$/Unit	Total	Enterprise Total
Cotton Lint	1,500.00	Pound	\$0.63	\$945.00	\$115,290.00
Cotton Seed	1.40	Ton	\$225.00	\$315.00	\$38,430.00
<b>Total Revenue</b>				<b>\$1,260.00</b>	<b>\$153,720.00</b>
<b>VARIABLE COSTS</b>					
				Total	Enterprise Total
<b>Production Costs</b>					
Seed					
Cotton Seed BIIRRF - Irrigated	40	Thousand	\$1.65	\$66.09	\$8,062.61
Fertilizer					
Potash 0-0-60	75	Pound	\$0.30	\$22.50	\$2,745.00
N-32	140	Pound	\$0.38	\$53.59	\$6,538.22
Phosphoric Acid	32	Pound	\$0.29	\$9.28	\$1,132.16
Custom					
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
Herbicide					
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
Other Chemicals					
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
Miscellaneous					
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
Irrigation					
Energy Cost	27.00	AcreInch	\$6.71	\$181.28	\$22,115.56
Irrigation Labor	0.12	Hour	\$15.00	\$1.77	\$216.31
Machinery Labor					
Tractors/Self-Propelled	1.54	Hour	\$15.00	\$23.10	\$2,818.20
Diesel Fuel					
Tractors/Self-Propelled	12.14	Gallon	\$1.50	\$18.21	\$2,221.62
Gasoline					
Pickup/General Use Equipment	1	Acre	\$10.14	\$10.14	\$1,236.60
Repairs & Maintenance					
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			4.55%	\$9.39	\$1,145.08
<b>Total Variable Costs</b>				<b>\$767.08</b>	<b>\$93,583.62</b>
Planned Returns Above Variable Costs:				\$492.92	\$60,136.38
Breakeven Price to Cover Variable Costs			\$0.30	Pound	
<b>FIXED COSTS</b>					
				Total	Enterprise Total
Machinery Depreciation					
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
Equipment Investment					
Pickup/General Use Equipment	\$45.17	Dollars	5.50%	\$2.48	\$303.06
Irrigation Equipment	\$444.22	Dollars	5.50%	\$24.43	\$2,980.73
Tractors/Self-Propelled	\$338.02	Dollars	5.50%	\$18.59	\$2,268.09
Implements	\$98.22	Dollars	5.50%	\$5.40	\$659.06
Trans Pecos Irrigated Land	1	Acre	\$50.00	\$50.00	\$6,100.00
<b>Total Fixed Costs</b>				<b>\$225.66</b>	<b>\$27,530.04</b>
<b>Total Specified Costs</b>				<b>\$992.73</b>	<b>\$121,113.66</b>
Returns Above Specified Costs				\$267.27	\$32,606.34
<b>Breakeven Price to Cover Total Costs</b>			<b>\$0.45</b>	Pound	

Example Breakeven Prices			
Example	Example	To Cover	To Cover
Yield	Yield	Variable	Total
Percent	Pound	Costs	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.**