

**Projections for Planning Purposes Only -- Not to be Used without Updating**  
**2021 Estimated Costs and Returns per Acre**  
**Trans Pecos Cotton, Furrow Irrigated, 40 Inch Rows**  
**Far West Extension District - 6**

Crop Acres		122				Enterprise	
REVENUE	Quantity	Units	\$/Unit	Total	Total	Enterprise Total	
Cotton Lint	1,400.00	Pound	\$0.63	\$882.00	\$107,604.00		
Cotton Seed	1.01	Ton	\$225.00	\$227.90	\$27,804.11		
<b>Total Revenue</b>				<b>\$1,109.90</b>	<b>\$135,408.11</b>		
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise Total	
<b>Production Costs</b>							
Herbicide							
Trifluralin Pint	2	Pint	\$2.75	\$5.50	\$671.00		
Mepiquat Chloride-PGR	22	Ounce	\$0.06	\$1.38	\$167.75		
Glyphosate Ounce Generic	64	Ounce	\$0.13	\$8.50	\$1,037.00		
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							
Custom Spray	2	Acre	\$6.00	\$12.00	\$1,464.00		
Bag, Tie	3	Bale	\$15.00	\$45.00	\$5,490.00		
Soil Test-Irrigated	1	Acre	\$0.50	\$0.50	\$61.00		
Miscellaneous							
Boll Weevil Eradication Program	2.8	Bale	\$1.00	\$2.80	\$341.60		
IRR Cotton RP, 70% Ent, SE, Pecos Co.	1	Acre	\$18.98	\$18.98	\$2,315.56		
Other Labor							
Hand Labor TP	0.7764	Hour	\$10.00	\$7.76	\$947.21		
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		
Irrigation							
Energy Cost	28.00	AcreInch	\$5.09	\$142.51	\$17,386.31		
Irrigation Labor	1.00	Hour	\$15.00	\$15.00	\$1,830.00		
Machinery Labor							
Tractors/Self-Propelled	1.62	Hour	\$15.00	\$24.30	\$2,964.60		
Diesel Fuel							
Tractors/Self-Propelled	12.72	Gallon	\$1.50	\$19.08	\$2,327.76		
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	\$13.05	\$13.05	\$1,591.51		
Tractors/Self-Propelled	1	Acre	\$32.76	\$32.76	\$3,996.91		
Implements	1	Acre	\$14.92	\$14.92	\$1,820.05		
Interest on Credit Line			4.55%	\$7.78	\$949.29		
<b>Total Variable Costs</b>				<b>\$551.97</b>	<b>\$67,340.90</b>		
Planned Returns Above Variable Costs:				\$557.93	\$68,067.20		
Breakeven Price to Cover Variable Costs			\$0.23	Pound			
FIXED COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise Total	
Machinery Depreciation							
Pickup/General Use Equipment	1	Acre	\$9.15	\$9.15	\$1,116.45		
Irrigation Equipment	1	Acre	\$54.37	\$54.37	\$6,633.33		
Tractors/Self-Propelled	1	Acre	\$36.53	\$36.53	\$4,457.15		
Implements	1	Acre	\$18.56	\$18.56	\$2,264.29		
Equipment Investment							
Pickup/General Use Equipment	\$45.17	Dollars	5.50%	\$2.48	\$303.06		
Irrigation Equipment	\$407.79	Dollars	5.50%	\$22.43	\$2,736.25		
Tractors/Self-Propelled	\$318.15	Dollars	5.50%	\$17.50	\$2,134.75		
Implements	\$104.32	Dollars	5.50%	\$5.74	\$700.00		
Trans Pecos Irrigated Land	1	Acre	\$50.00	\$50.00	\$6,100.00		
<b>Total Fixed Costs</b>				<b>\$216.76</b>	<b>\$26,445.30</b>		
<b>Total Specified Costs</b>				<b>\$768.74</b>	<b>\$93,786.20</b>		
Returns Above Specified Costs				\$341.16	\$41,621.90		
<b>Breakeven Price to Cover Total Costs</b>			<b>\$0.39</b>	<b>Pound</b>			

Example Breakeven Prices				
Exempl	Example	To Cover	To Cover	
Yield	Yield	Variable	Total	
Percen	Pound	Costs	Costs	
75%	1050.00	\$0.31	\$0.52	
90%	1260.00	\$0.26	\$0.43	
100%	1400.00	\$0.23	\$0.39	
110%	1540.00	\$0.21	\$0.35	
125%	1750.00	\$0.19	\$0.31	

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.**