

**Projections for Planning Purposes Only -- Not to be Used without Updating**  
**2022 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	Total
Cotton Lint	1,400.00	Pound	\$0.84	\$1,176.00	\$143,472.00	\$143,472.00
Cotton Seed	1.01	Ton	\$250.00	\$253.23	\$30,893.45	\$30,893.45
<b>Total Revenue</b>				<b>\$1,429.23</b>	<b>\$174,365.45</b>	<b>\$174,365.45</b>
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
<b>Production Costs</b>						
<b>Herbicide</b>						
Trifluralin Pint	2	Pint	\$2.75	\$5.50	\$671.00	\$671.00
Mepiquat Chloride-PGR	22	Ounce	\$0.06	\$1.38	\$167.75	\$167.75
Glyphosate Ounce Generic	64	Ounce	\$0.13	\$8.50	\$1,037.00	\$1,037.00
<b>Seed</b>						
Cotton Seed BIIRRF - Irrigated	40	Thousand	\$1.65	\$66.09	\$8,062.61	\$8,062.61
<b>Fertilizer</b>						
Potash 0-0-60	75	Pound	\$0.30	\$22.50	\$2,745.00	\$2,745.00
N-32	140	Pound	\$0.55	\$77.00	\$9,394.00	\$9,394.00
Phosphoric Acid	32	Pound	\$0.56	\$17.92	\$2,186.24	\$2,186.24
<b>Custom</b>						
Custom Spray	2	Acre	\$6.00	\$12.00	\$1,464.00	\$1,464.00
Bag, Tie	3	Bale	\$15.00	\$45.00	\$5,490.00	\$5,490.00
Soil Test-Irrigated	1	Acre	\$0.50	\$0.50	\$61.00	\$61.00
<b>Miscellaneous</b>						
Boll Weevil Eradication Program	2.8	Bale	\$1.00	\$2.80	\$341.60	\$341.60
IRR Cotton RP, 70% Ent, SE, Pecos Co.	1	Acre	\$18.98	\$18.98	\$2,315.56	\$2,315.56
<b>Other Labor</b>						
Hand Labor TP	0.7764	Hour	\$10.00	\$7.76	\$947.21	\$947.21
<b>Other Chemicals</b>						
Ethephon 6 Pint	1.5	Pint	\$3.81	\$5.72	\$697.69	\$697.69
Firestorm (3lb Paraquat)	28	Ounce	\$0.18	\$5.03	\$613.81	\$613.81
Cutout	5	Ounce	\$0.92	\$4.61	\$562.34	\$562.34
<b>Irrigation</b>						
Energy Cost	28.00	AcreInch	\$5.09	\$142.51	\$17,386.31	\$17,386.31
Irrigation Labor	1.00	Hour	\$16.38	\$16.38	\$1,998.36	\$1,998.36
<b>Machinery Labor</b>						
Tractors/Self-Propelled	1.01	Hour	\$16.12	\$16.28	\$1,986.31	\$1,986.31
<b>Diesel Fuel</b>						
Tractors/Self-Propelled	9.05	Gallon	\$2.67	\$24.16	\$2,947.95	\$2,947.95
<b>Gasoline</b>						
Pickup/General Use Equipment	1	Acre	\$14.08	\$14.08	\$1,717.50	\$1,717.50
<b>Repairs &amp; Maintenance</b>						
Pickup/General Use Equipment	1	Acre	\$3.20	\$3.20	\$390.92	\$390.92
Irrigation Equipment	1	Acre	\$13.05	\$13.05	\$1,591.51	\$1,591.51
Tractors/Self-Propelled	1	Acre	\$23.92	\$23.92	\$2,918.24	\$2,918.24
Implements	1	Acre	\$6.83	\$6.83	\$832.77	\$832.77
Interest on Credit Line			6.30%	\$10.87	\$1,325.54	\$1,325.54
<b>Total Variable Costs</b>				<b>\$572.56</b>	<b>\$69,852.21</b>	<b>\$69,852.21</b>
<b>Planned Returns Above Variable Costs:</b>				<b>\$856.67</b>	<b>\$104,513.24</b>	<b>\$104,513.24</b>
<b>Breakeven Price to Cover Variable Costs</b>			<b>\$0.23</b>	<b>Pound</b>		
FIXED COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
<b>Machinery Depreciation</b>						
Pickup/General Use Equipment	1	Acre	\$9.15	\$9.15	\$1,116.45	\$1,116.45
Irrigation Equipment	1	Acre	\$54.37	\$54.37	\$6,633.33	\$6,633.33
Tractors/Self-Propelled	1	Acre	\$27.40	\$27.40	\$3,342.58	\$3,342.58
Implements	1	Acre	\$9.46	\$9.46	\$1,154.58	\$1,154.58
<b>Equipment Investment</b>						
Pickup/General Use Equipment	\$45.17	Dollars	6.30%	\$2.85	\$347.15	\$347.15
Irrigation Equipment	\$407.79	Dollars	6.30%	\$25.69	\$3,134.25	\$3,134.25
Tractors/Self-Propelled	\$246.97	Dollars	6.30%	\$15.56	\$1,898.24	\$1,898.24
Implements	\$58.27	Dollars	6.30%	\$3.67	\$447.89	\$447.89
Trans Pecos Irrigated Land	1	Acre	\$50.00	\$50.00	\$6,100.00	\$6,100.00
<b>Total Fixed Costs</b>				<b>\$198.15</b>	<b>\$24,174.47</b>	<b>\$24,174.47</b>
<b>Total Specified Costs</b>				<b>\$770.71</b>	<b>\$94,026.69</b>	<b>\$94,026.69</b>
<b>Returns Above Specified Costs</b>				<b>\$658.51</b>	<b>\$80,338.76</b>	<b>\$80,338.76</b>
<b>Breakeven Price to Cover Total Costs</b>			<b>\$0.37</b>	<b>Pound</b>		

Example Breakeven Prices			
Exmpl Yield	Example Yield	To Cover Variable Costs	To Cover Total Costs
75%	1050.00	\$0.30	\$0.49
90%	1260.00	\$0.25	\$0.41
100%	1400.00	\$0.23	\$0.37
110%	1540.00	\$0.21	\$0.34
125%	1750.00	\$0.18	\$0.30

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.*