

**Projections for Planning Purposes Only -- Not to be Used without Updating**  
**2019 Estimated Costs and Returns per Acre**  
**Trans Pecos Cotton, Center Pivot Irrigated, 40 Inch Rows**  
**Far West Extension District - 6**

Crop Acres		122			
REVENUE	Quantity	Units	\$/Unit	Total	Enterprise Total
Cotton Lint	1,500.00	Pound	\$0.63	\$945.00	\$115,290.00
Cotton Seed	1.40	Ton	\$185.00	\$259.00	\$31,598.00
<b>Total Revenue</b>				<b>\$1,204.00</b>	<b>\$146,888.00</b>
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
<b>Production Costs</b>					
<b>Herbicide</b>					
Trifluralin Pint	2	Pint	\$2.81	\$5.63	\$686.25
Caparol 4L Ounce	24	Ounce	\$0.25	\$6.09	\$743.42
Direx 4L	2	Pint	\$2.19	\$4.38	\$533.75
Mepiquat Chloride-PGR	22	Ounce	\$0.06	\$1.38	\$167.75
Glyphosate Ounce Generic	64	Ounce	\$0.13	\$8.15	\$993.96
<b>Seed</b>					
Cotton Seed BIIRRF	40	Thousand	\$1.17	\$46.80	\$5,709.60
<b>Fertilizer</b>					
N-32	140	Pound	\$0.42	\$59.05	\$7,204.34
Phosphoric Acid	32	Pound	\$0.29	\$9.28	\$1,132.16
Potash 0-0-60	75	Pound	\$0.33	\$24.38	\$2,973.75
<b>Custom</b>					
Soil Test-Irrigated	1	Acre	\$0.50	\$0.50	\$61.00
Custom Spray	2	Acre	\$4.00	\$8.00	\$976.00
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>Miscellaneous</b>					
IRR Cotton RP, 70% Ent, SE, Pecos C	1	Acre	\$15.66	\$15.66	\$1,910.52
Boll Weevil Eradication Program	3	Bale	\$1.00	\$3.00	\$366.00
<b>Other Chemicals</b>					
Ethephon 6 Pint	1.5	Pint	\$2.49	\$3.73	\$455.21
Adios	5	Ounce	\$0.69	\$3.44	\$419.38
Firestorm (3lb Paraquat)	28	Ounce	\$0.18	\$5.03	\$613.51
<b>Irrigation</b>					
Energy Cost	27.00	AcreInch	\$6.71	\$181.28	\$22,115.56
Irrigation Labor	0.12	Hour	\$11.00	\$1.30	\$158.62
<b>Machinery Labor</b>					
Tractors/Self-Propelled	2.31	Hour	\$12.00	\$27.72	\$3,381.84
<b>Diesel Fuel</b>					
Tractors/Self-Propelled	15.48	Gallon	\$2.99	\$46.29	\$5,646.79
<b>Gasoline</b>					
Pickup/General Use Equipment	1	Acre	\$16.27	\$16.27	\$1,985.43
<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	\$39.95	\$39.95	\$4,874.30
Implements	1	Acre	\$18.07	\$18.07	\$2,204.83
Interest on Credit Line			6.50%	\$13.55	\$1,652.58
<b>Total Variable Costs</b>				<b>\$794.75</b>	<b>\$96,958.92</b>
<b>Planned Returns Above Variable Costs:</b>				<b>\$409.25</b>	<b>\$49,929.08</b>
<b>Breakeven Price to Cover Variable Costs</b>			<b>\$0.36</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	\$43.87	\$43.87	\$5,352.47
Implements	1	Acre	\$22.96	\$22.96	\$2,800.59
<b>Equipment Investment</b>					
Pickup/General Use Equipment	\$45.17	Dollars	6.50%	\$2.94	\$358.17
Irrigation Equipment	\$444.22	Dollars	6.50%	\$28.87	\$3,522.68
Tractors/Self-Propelled	\$374.17	Dollars	6.50%	\$24.32	\$2,967.14
Implements	\$155.77	Dollars	6.50%	\$10.13	\$1,235.28
Trans Pecos Irrigated Land	1	Acre	\$40.00	\$40.00	\$4,880.00
<b>Total Fixed Costs</b>				<b>\$241.47</b>	<b>\$29,458.77</b>
<b>Total Specified Costs</b>				<b>\$1,036.21</b>	<b>\$126,417.69</b>
<b>Returns Above Specified Costs</b>				<b>\$167.79</b>	<b>\$20,470.31</b>
<b>Breakeven Price to Cover Total Costs</b>			<b>\$0.52</b>	<b>Pound</b>	

Example Breakeven Prices			
Example Yield Percent	Example Yield Pound	To Cover Variable Costs	To Cover Total Costs
75%	1125.00	\$0.48	\$0.69
90%	1350.00	\$0.40	\$0.58
100%	1500.00	\$0.36	\$0.52
110%	1650.00	\$0.32	\$0.47
125%	1875.00	\$0.29	\$0.41

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.**