

Projections for Planning Purposes Only -- Not to be Used without Updating
2019 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	
Cotton Lint	1,400.00	Pound	\$0.63	\$882.00	\$107,604.00	\$107,604.00	
Cotton Seed	1.01	Ton	\$185.00	\$187.39	\$22,861.15	\$22,861.15	
Total Revenue				\$1,069.39	\$130,465.15	\$130,465.15	
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise	
Production Costs							
Fertilizer							
N-32	140	Pound	\$0.42	\$59.05	\$7,204.34	\$7,204.34	
Phosphoric Acid	32	Pound	\$0.29	\$9.28	\$1,132.16	\$1,132.16	
Potash 0-0-60	75	Pound	\$0.33	\$24.38	\$2,973.75	\$2,973.75	
Herbicide							
Trifluralin Pint	2	Pint	\$2.81	\$5.63	\$686.25	\$686.25	
Mepiquat Chloride-PGR	22	Ounce	\$0.06	\$1.38	\$167.75	\$167.75	
Glyphosate Ounce Generic	64	Ounce	\$0.13	\$8.15	\$993.96	\$993.96	
Miscellaneous							
IRR Cotton RP, 70% Ent, SE, Pecos	1	Acre	\$15.66	\$15.66	\$1,910.52	\$1,910.52	
Boll Weevil Eradication Program	2.8	Bale	\$1.00	\$2.80	\$341.60	\$341.60	
Seed							
Cotton Seed BIIRRF	40	Thousand	\$1.17	\$46.80	\$5,709.60	\$5,709.60	
Other Labor							
Hand Labor TP	0.7764	Hour	\$10.00	\$7.76	\$947.21	\$947.21	
Other Chemicals							
Ethephon 6 Pint	1.5	Pint	\$2.49	\$3.73	\$455.21	\$455.21	
Adios	5	Ounce	\$0.69	\$3.44	\$419.38	\$419.38	
Firestorm (3lb Paraquat)	28	Ounce	\$0.18	\$5.03	\$613.51	\$613.51	
Custom							
Custom Spray	2	Acre	\$4.00	\$8.00	\$976.00	\$976.00	
Gin and Haul	53.57	CWT	\$2.50	\$133.93	\$16,338.85	\$16,338.85	
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	
Irrigation							
Energy Cost	28.00	AcreInch	\$5.09	\$142.51	\$17,386.31	\$17,386.31	
Irrigation Labor	1.00	Hour	\$11.00	\$11.00	\$1,342.00	\$1,342.00	
Machinery Labor							
Tractors/Self-Propelled	2.39	Hour	\$12.00	\$28.68	\$3,498.96	\$3,498.96	
Diesel Fuel							
Tractors/Self-Propelled	16.06	Gallon	\$2.99	\$48.02	\$5,858.37	\$5,858.37	
Gasoline							
Pickup/General Use Equipment	1	Acre	\$16.27	\$16.27	\$1,985.43	\$1,985.43	
Repairs & Maintenance							
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	\$32.17	\$32.17	\$3,924.24	\$3,924.24	
Implements	1	Acre	\$19.22	\$19.22	\$2,345.43	\$2,345.43	
Interest on Credit Line			6.50%	\$11.08	\$1,351.45	\$1,351.45	
Total Variable Costs				\$705.70	\$86,095.71	\$86,095.71	
Planned Returns Above Variable Costs:				\$363.68	\$44,369.44	\$44,369.44	
Breakeven Price to Cover Variable Costs			\$0.37	Pound			
FIXED COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise	
Machinery Depreciation							
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	\$35.92	\$35.92	\$4,382.00	\$4,382.00	
Implements	1	Acre	\$24.25	\$24.25	\$2,958.77	\$2,958.77	
Equipment Investment							
Pickup/General Use Equipment	\$45.17	Dollars	6.50%	\$2.94	\$358.17	\$358.17	
Irrigation Equipment	\$407.79	Dollars	6.50%	\$26.51	\$3,233.75	\$3,233.75	
Tractors/Self-Propelled	\$313.35	Dollars	6.50%	\$20.37	\$2,484.84	\$2,484.84	
Implements	\$161.32	Dollars	6.50%	\$10.49	\$1,279.26	\$1,279.26	
Trans Pecos Irrigated Land	1	Acre	\$40.00	\$40.00	\$4,880.00	\$4,880.00	
Total Fixed Costs				\$223.99	\$27,326.57	\$27,326.57	
Total Specified Costs				\$929.69	\$113,422.28	\$113,422.28	
Returns Above Specified Costs				\$139.70	\$17,042.88	\$17,042.88	
Breakeven Price to Cover Total Costs			\$0.53	Pound			

Example Breakeven Prices			
Example Yield Percent	Example Yield Pound	To Cover Variable Costs	To Cover Total Costs
75%	1050.00	\$0.49	\$0.71
90%	1260.00	\$0.41	\$0.59
100%	1400.00	\$0.37	\$0.53
110%	1540.00	\$0.34	\$0.48
125%	1750.00	\$0.30	\$0.42

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.