

Projections for Planning Purposes Only -- Not to be Used without Updating
2020 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
REVENUE					
	Quantity	Units	\$/Unit	Total	Enterprise Total
Cotton Lint	1,500.00	Pound	\$0.59	\$885.00	\$107,970.00
Cotton Seed	1.40	Ton	\$225.00	\$315.00	\$38,430.00
Total Revenue				\$1,200.00	\$146,400.00
VARIABLE COSTS					
				Total	Enterprise Total
Production Costs					
Herbicide					
	Quantity	Units	\$/Unit	Total	Enterprise Total
Trifluralin Pint	2	Pint	\$2.75	\$5.50	\$671.00
Caparol 4L Ounce	24	Ounce	\$0.25	\$6.09	\$743.42
Direx 4L	2	Pint	\$2.74	\$5.48	\$668.56
Mepiquat Chloride-PGR	22	Ounce	\$0.06	\$1.38	\$167.75
Glyphosate Ounce Generic	64	Ounce	\$0.13	\$8.15	\$993.96
Seed					
Cotton Seed BIIRRF	40	Thousand	\$1.17	\$46.80	\$5,709.60
Fertilizer					
N-32	140	Pound	\$0.41	\$57.40	\$7,002.80
Phosphoric Acid	32	Pound	\$0.29	\$9.28	\$1,132.16
Potash 0-0-60	75	Pound	\$0.33	\$24.38	\$2,973.75
Custom					
Soil Test-Irrigated	1	Acre	\$0.50	\$0.50	\$61.00
Custom Spray	2	Acre	\$5.00	\$10.00	\$1,220.00
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
Miscellaneous					
IRR Cotton RP, 70% Ent, SE, Pecos C	1	Acre	\$16.75	\$16.75	\$2,043.50
Boll Weevil Eradication Program	3	Bale	\$1.00	\$3.00	\$366.00
Other Chemicals					
Ethephon 6 Pint	1.5	Pint	\$3.81	\$5.72	\$697.23
Adios	5	Ounce	\$0.92	\$4.60	\$561.20
Firestorm (3lb Paraquat)	28	Ounce	\$0.18	\$5.04	\$614.88
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	2.31	Hour	\$15.00	\$34.65	\$4,227.30
Diesel Fuel					
Tractors/Self-Propelled	15.48	Gallon	\$2.60	\$40.25	\$4,910.26
Gasoline					
Pickup/General Use Equipment	1	Acre	\$13.51	\$13.51	\$1,648.80
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	\$42.15	\$42.15	\$5,142.11
Implements	1	Acre	\$18.94	\$18.94	\$2,310.23
Interest on Credit Line			6.00%	\$12.54	\$1,530.12
Total Variable Costs				\$800.98	\$97,719.85
Planned Returns Above Variable Costs:				\$399.02	\$48,680.15
Breakeven Price to Cover Variable Costs				\$0.32	Pound
FIXED COSTS					
				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	\$46.14	\$46.14	\$5,629.17
Implements	1	Acre	\$24.09	\$24.09	\$2,939.22
Equipment Investment					
Pickup/General Use Equipment	\$45.17	Dollars	6.00%	\$2.71	\$330.62
Irrigation Equipment	\$444.22	Dollars	6.00%	\$26.65	\$3,251.70
Tractors/Self-Propelled	\$391.84	Dollars	6.00%	\$23.51	\$2,868.23
Implements	\$160.63	Dollars	6.00%	\$9.64	\$1,175.84
Trans Pecos Irrigated Land	1	Acre	\$40.00	\$40.00	\$4,880.00
Total Fixed Costs				\$241.12	\$29,417.22
Total Specified Costs				\$1,042.11	\$127,137.08
Returns Above Specified Costs				\$157.89	\$19,262.92
Breakeven Price to Cover Total Costs				\$0.48	Pound

Example Breakeven Prices			
Example Yield Percent	Example Yield Pound	To Cover Variable Costs	To Cover Total Costs
75%	1125.00	\$0.43	\$0.65
90%	1350.00	\$0.36	\$0.54
100%	1500.00	\$0.32	\$0.48
110%	1650.00	\$0.29	\$0.44
125%	1875.00	\$0.26	\$0.39

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.