

Projections for Planning Purposes Only -- Not to be Used without Updating
2017 Estimated Costs and Returns per Acre
Trans Pecos Cotton, Center Pivot Irrigated, 40 Inch Rows - 122 Acres
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	\$220.00	\$308.00	\$37,576.00
Total Revenue				\$1,253.00	\$152,866.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs					
Herbicide					
Trifluralin Pint	2	Pint	\$2.94	\$5.88	\$717.36
Caparol 4L Ounce	24	Ounce	\$0.22	\$5.34	\$651.94
Glyphosate Ounce Generic 4lb	64	Ounce	\$0.07	\$4.48	\$546.56
Direx 4L	2	Pint	\$2.41	\$4.82	\$588.04
Mepiquat Chloride-PGR	22	Ounce	\$0.08	\$1.72	\$209.69
Seed					
Cotton Seed BIIRRF	40	Thousand	\$1.28	\$51.20	\$6,246.40
Fertilizer					
N-32	140	Pound	\$0.39	\$54.60	\$6,661.20
Phosphoric Acid	32	Pound	\$0.29	\$9.28	\$1,132.16
0-60-0	75	Pound	\$0.27	\$20.25	\$2,470.50
Custom					
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
Miscellaneous					
IRR Cotton RP, 70% Ent, SE, Pecos Co.	1	Acre	\$21.11	\$21.11	\$2,575.42
Other Chemicals					
Ethephon 6 Pint	1.5	Pint	\$2.50	\$3.75	\$457.50
Adios	5	Ounce	\$0.84	\$4.22	\$514.69
Firestorm (3lb Paraquat)	28	Ounce	\$0.13	\$3.64	\$444.08
Irrigation					
Energy Cost	27.00	AcreInch	\$6.71	\$181.28	\$22,115.56
Irrigation Labor	0.12	Hour	\$12.00	\$1.42	\$173.04
Machinery Labor					
Tractors/Self-Propelled	2.3	Hour	\$12.00	\$27.60	\$3,367.20
Diesel Fuel					
Tractors/Self-Propelled	15.34	Gallon	\$1.75	\$26.85	\$3,275.09
Gasoline					
Pickup/General Use Equipment	1	Acre	\$11.83	\$11.83	\$1,442.70
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	\$38.29	\$38.29	\$4,671.73
Implements	1	Acre	\$15.82	\$15.82	\$1,930.47
Interest on Credit Line			6.50%	\$12.58	\$1,534.45
Total Variable Costs				\$760.29	\$92,755.14
Planned Returns Above Variable Costs:				\$492.71	\$60,110.86
Breakeven Price to Cover Variable Costs			\$0.30	Pound	
FIXED COSTS	Quantity	Units	\$/Unit	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	\$43.60	\$43.60	\$5,318.59
Implements	1	Acre	\$19.86	\$19.86	\$2,422.41
Equipment Investment					
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	\$372.00	Dollars	6.50%	\$24.18	\$2,949.98
Implements	\$120.98	Dollars	6.50%	\$7.86	\$959.35
Trans Pecos Irrigated Land	1	Acre	\$40.00	\$40.00	\$4,880.00
Total Fixed Costs				\$235.69	\$28,753.62
Total Specified Costs				\$995.97	\$121,508.77
Returns Above Specified Costs				\$257.03	\$31,357.23
Breakeven Price to Cover Total Costs			\$0.46	Pound	

Example Breakeven Prices			
Example Yield Percent	Example Yield Pound	To Cover Variable Costs	To Cover Total Costs
75%	1125.00	\$0.40	\$0.61
90%	1350.00	\$0.34	\$0.51
100%	1500.00	\$0.30	\$0.46
110%	1650.00	\$0.27	\$0.42
125%	1875.00	\$0.24	\$0.37

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.