

Projections for Planning Purposes Only -- Not to be Used without Updating
2017 Estimated Costs and Returns per Acre
El Paso County Cotton, Canal Delivered Furrow Irrigated, 40 Inch Rows - 122 Acres
Far West Extension District - 6

Crop Acres		122				Enterprise	
REVENUE		Quantity	Units	\$/Unit	Total	Total	
Cotton Lint		1,326.00	Pound	\$0.63	\$835.38	\$101,916.36	
Cotton Seed		1.06	Ton	\$220.00	\$233.42	\$28,477.24	
Total Revenue					\$1,068.80	\$130,393.60	
VARIABLE COSTS		Quantity	Units	\$/Unit	Total	Enterprise	
Production Costs							
Herbicide							
	Trifluralin	2	Pint	\$2.94	\$5.88	\$717.36	
	Glyphosate	2	Pint	\$1.37	\$2.74	\$334.28	
Seed							
	Cotton Seed BIIRRF	40	Thousand	\$1.28	\$51.20	\$6,246.40	
	Tech Fee Erad Zn El Paso	1	Acre	\$20.00	\$20.00	\$2,440.00	
Fertilizer							
	Fertilizer 10-34-0	1.5	CWT	\$32.35	\$48.53	\$5,920.05	
	N-32 in Water	280	Pound	\$0.39	\$109.20	\$13,322.40	
Custom							
	Custom Spray	2	Acre	\$4.00	\$8.00	\$976.00	
	Gin, Bag, Tie	21.22	CWT	\$3.00	\$63.66	\$7,766.52	
Other Labor							
	Hand Labor	0.7764	Hour	\$8.50	\$6.60	\$805.13	
Other Chemicals							
	Prep	16	Ounce	\$0.16	\$2.56	\$312.32	
	Aim	0.25	Ounce	\$4.84	\$1.21	\$147.62	
	Def 6 (Tribufos)	1	Pint	\$8.75	\$8.75	\$1,067.50	
	Gramoxone Inteon (2 lb paraquat)	20	Ounce	\$0.16	\$3.13	\$381.25	
Irrigation							
	Water Cost	24.00	AcreInch	\$1.75	\$42.00	\$5,124.00	
Machinery Labor							
	Tractors/Self-Propelled	2.36	Hour	\$12.00	\$28.32	\$3,455.04	
Diesel Fuel							
	Tractors/Self-Propelled	15.05	Gallon	\$1.75	\$26.34	\$3,213.18	
Gasoline							
	Pickup/General Use Equipment	1	Acre	\$6.75	\$6.75	\$824.04	
Repairs & Maintenance							
	Pickup/General Use Equipment	1	Acre	\$1.61	\$1.61	\$196.20	
	Tractors/Self-Propelled	1	Acre	\$27.59	\$27.59	\$3,365.94	
	Implements	1	Acre	\$17.12	\$17.12	\$2,089.03	
	Interest on Credit Line			6.50%	\$9.78	\$1,193.04	
Total Variable Costs					\$490.96	\$59,897.29	
Planned Returns Above Variable Costs:					\$577.84	\$70,496.31	
Breakeven Price to Cover Variable Costs				\$0.19	Pound		
FIXED COSTS		Quantity	Units	\$/Unit	Total	Enterprise	
Machinery Depreciation							
	Pickup/General Use Equipment	1	Acre	\$6.03	\$6.03	\$735.75	
	Tractors/Self-Propelled	1	Acre	\$32.43	\$32.43	\$3,957.05	
	Implements	1	Acre	\$21.55	\$21.55	\$2,629.28	
Equipment Investment							
	Pickup/General Use Equipment	\$25.13	Dollars	6.50%	\$1.63	\$199.27	
	Tractors/Self-Propelled	\$284.26	Dollars	6.50%	\$18.48	\$2,254.16	
	Implements	\$128.23	Dollars	6.50%	\$8.34	\$1,016.87	
	Trans Pecos Irrigated Land	1	Acre	\$40.00	\$40.00	\$4,880.00	
Total Fixed Costs					\$128.46	\$15,672.38	
Total Specified Costs					\$619.42	\$75,569.67	
Returns Above Specified Costs					\$449.38	\$54,823.93	
Breakeven Price to Cover Total Costs				\$0.29	Pound		

Example Breakeven Prices			
Example	Example	To Cover	To Cover
Yield	Yield	Variable	Total
Percent	Pound	Costs	Costs
75%	994.50	\$0.26	\$0.39
90%	1193.40	\$0.22	\$0.32
100%	1326.00	\$0.19	\$0.29
110%	1458.60	\$0.18	\$0.26
125%	1657.50	\$0.16	\$0.23

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.