

Projections for Planning Purposes Only -- Not to be Used without Updating
2022 Estimated Costs and Returns per Acre
El Paso County Cotton, Canal Delivered Furrow Irrigated, 40 Inch Rows
Far West Extension District - 6

Crop Acres		122		Enterprise	
REVENUE	Quantity	Units	\$/Unit	Total	Total
Cotton Lint	1,326.00	Pound	\$0.84	\$1,113.84	\$135,888.48
Cotton Seed	1.06	Ton	\$250.00	\$265.25	\$32,360.50
Total Revenue				\$1,379.09	\$168,248.98
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total
Production Costs					
Seed					
Tech Fee Erad Zn El Paso	1	Acre	\$20.00	\$20.00	\$2,440.00
Cotton Seed BIIRRF - Irrigated	40	Thousand	\$1.65	\$66.09	\$8,062.61
Fertilizer					
Fertilizer 10-34-0	1.5	CWT	\$20.75	\$31.13	\$3,797.25
N-32 in Water	280	Pound	\$0.55	\$154.00	\$18,788.00
Custom					
Custom Spray	2	Acre	\$6.00	\$12.00	\$1,464.00
Gin, Bag, Tie	21.22	CWT	\$5.00	\$106.10	\$12,944.20
Herbicide					
Trifluralin	2	Pint	\$2.75	\$5.50	\$671.00
Glyphosate	2	Pint	\$2.13	\$4.25	\$518.50
Other Labor					
Hand Labor	0.7764	Hour	\$8.50	\$6.60	\$805.13
Other Chemicals					
Prep	16	Ounce	\$0.16	\$2.56	\$312.32
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
Aim	0.25	Ounce	\$4.84	\$1.21	\$147.62
Irrigation					
Water Cost	24.00	AcreInch	\$1.75	\$42.00	\$5,124.00
Machinery Labor					
Tractors/Self-Propelled	1.78	Hour	\$16.12	\$28.69	\$3,500.62
Diesel Fuel					
Tractors/Self-Propelled	11.78	Gallon	\$2.67	\$31.45	\$3,837.22
Gasoline					
Pickup/General Use Equipment	1	Acre	\$8.04	\$8.04	\$981.00
Repairs & Maintenance					
Pickup/General Use Equipment	1	Acre	\$1.61	\$1.61	\$196.20
Tractors/Self-Propelled	1	Acre	\$23.98	\$23.98	\$2,925.18
Implements	1	Acre	\$15.12	\$15.12	\$1,845.07
Interest on Credit Line			6.30%	\$10.35	\$1,262.28
Total Variable Costs				\$582.55	\$71,070.94
Planned Returns Above Variable Costs:				\$796.54	\$97,178.04
Breakeven Price to Cover Variable Costs			\$0.24	Pound	
FIXED COSTS	Quantity	Units	\$/Unit	Total	Total
Machinery Depreciation					
Pickup/General Use Equipment	1	Acre	\$6.03	\$6.03	\$735.75
Tractors/Self-Propelled	1	Acre	\$27.46	\$27.46	\$3,349.75
Implements	1	Acre	\$19.47	\$19.47	\$2,375.46
Equipment Investment					
Pickup/General Use Equipment	\$25.13	Dollars	6.30%	\$1.58	\$193.13
Tractors/Self-Propelled	\$247.43	Dollars	6.30%	\$15.59	\$1,901.76
Implements	\$156.36	Dollars	6.30%	\$9.85	\$1,201.78
Trans Pecos Irrigated Land	1	Acre	\$50.00	\$50.00	\$6,100.00
Total Fixed Costs				\$129.98	\$15,857.63
Total Specified Costs				\$712.53	\$86,928.58
Returns Above Specified Costs				\$666.56	\$81,320.40
Breakeven Price to Cover Total Costs			\$0.34	Pound	

Example Breakeven Prices			
Example Yield Percent	Example Yield Pound	To Cover Variable Costs	To Cover Total Costs
75%	994.50	\$0.32	\$0.45
90%	1193.40	\$0.27	\$0.37
100%	1326.00	\$0.24	\$0.34
110%	1458.60	\$0.22	\$0.31
125%	1657.50	\$0.19	\$0.27

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.