

2022 Estimated Costs and Returns per Acre
Cotton, Reduced Tillage, GMO, Furrow Irrigated, Rio Grande Valley
South Extension District - 12

Crop Acres	100					Enterprise
REVENUE	Quantity	Units	\$/Unit	Total	Total	
Cotton Lint	1,250.00	Pound	\$0.90	\$1,125.00	\$112,500.00	
Cottonseed	0.89	Ton	\$250.00	\$222.50	\$22,250.00	
Total Revenue				\$1,347.50	\$134,750.00	
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise	
Production Costs						
Herbicide						
Glyphosate	3.75	Pint	\$6.25	\$23.44	\$2,343.75	
Harmony Extra	0.6	Ounce	\$11.33	\$6.80	\$679.80	
2, 4-D Amine	2	Pint	\$2.99	\$5.99	\$598.75	
Seed						
Cotton Seed	50	Thousand	\$1.64	\$82.05	\$8,205.00	
Fertilizer						
UAN (32% N)	3.93	CWT	\$33.95	\$133.42	\$13,342.35	
Custom						
Insect Scouting	1	Acre	\$15.00	\$15.00	\$1,500.00	
Custom Harvest Cotton	1250	Pound	\$0.17	\$206.25	\$20,625.00	
Gin	1250	Pound	\$0.15	\$187.50	\$18,750.00	
Miscellaneous						
Insurance, Cotton - Irrigated	1	Acre	\$33.00	\$33.00	\$3,300.00	
BW Eradication Program - Irr	1	Acre	\$28.00	\$28.00	\$2,800.00	
Insecticide						
Centric	2.5	Ounce	\$5.95	\$14.88	\$1,487.50	
Sivanto	10.5	Ounce	\$3.28	\$34.45	\$3,444.90	
Transform	1	Ounce	\$9.34	\$9.34	\$934.34	
Other Chemicals						
Mepiquat	48	Ounce	\$0.05	\$2.25	\$225.00	
Thidiazuron	4	Ounce	\$1.22	\$4.88	\$488.44	
Surfactant	0.5	Pint	\$7.48	\$3.74	\$373.75	
Ethephon	21	Ounce	\$0.39	\$8.27	\$826.81	
Other Labor						
Unallocated Labor	0.88	Hour	\$15.00	\$13.20	\$1,320.00	
Irrigation						
Water Cost	1.20	Acre/Foot	\$32.67	\$39.20	\$3,920.00	
Irrigation Labor	3.30	Hour	\$15.00	\$49.50	\$4,950.00	
Machinery Labor						
Tractors/Self-Propelled	1.56	Hour	\$15.00	\$23.40	\$2,340.00	
Other Labor	0.36	Hour	\$15.00	\$5.40	\$540.00	
Diesel Fuel						
Tractors/Self-Propelled	9.34	Gallon	\$3.07	\$28.67	\$2,867.38	
Repairs & Maintenance						
Tractors/Self-Propelled	1	Acre	\$16.87	\$16.87	\$1,687.38	
Implements	1	Acre	\$13.66	\$13.66	\$1,366.04	
Interest on Credit Line			5.00%	\$13.13	\$1,312.81	
Total Variable Costs				\$1,002.29	\$100,228.98	
Planned Returns Above Variable Costs:				\$345.21	\$34,521.02	
Breakeven Price to Cover Variable Costs			\$0.62	Pound		
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise	
Machinery Depreciation						
Tractors/Self-Propelled	1	Acre	\$24.73	\$24.73	\$2,472.80	
Implements	1	Acre	\$16.63	\$16.63	\$1,662.50	
Equipment Investment						
Tractors/Self-Propelled	\$189.25	Dollars	7.00%	\$13.25	\$1,324.76	
Implements	\$103.00	Dollars	7.00%	\$7.21	\$721.02	
Cash Rent, Irrigated	1	Acre	\$85.00	\$85.00	\$8,500.00	
Total Fixed Costs				\$146.81	\$14,681.08	
Total Specified Costs				\$1,149.10	\$114,910.06	
Returns Above Specified Costs				\$198.40	\$19,839.94	
Breakeven Price to Cover Total Costs			\$0.74	Pound		

Developed by Samuel Zapata, Assistant Professor and Extension Economist, Texas A&M AgriLife Extension, 956-968-5581.

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.