

2021 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	\$0.70	\$875.00	\$87,500.00
Cottonseed	0.89	Ton	\$200.00	\$178.00	\$17,800.00
Total Revenue				\$1,053.00	\$105,300.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs					
Herbicide					
Glyphosate	3.75	Pint	\$3.01	\$11.28	\$1,127.81
Harmony Extra	0.6	Ounce	\$11.33	\$6.80	\$679.80
2, 4-D Amine	2	Pint	\$2.74	\$5.49	\$548.75
Seed					
Cotton Seed	50	Thousand	\$1.52	\$76.09	\$7,608.70
Fertilizer					
UAN (32% N)	3.93	CWT	\$12.65	\$49.71	\$4,971.45
Custom					
Insect Scouting	1	Acre	\$10.00	\$10.00	\$1,000.00
Custom Harvest Cotton	1250	Pound	\$0.13	\$162.50	\$16,250.00
Gin	1250	Pound	\$0.12	\$150.00	\$15,000.00
Miscellaneous					
BW Erradication Program - Irr	1	Acre	\$28.00	\$28.00	\$2,800.00
Insurance, Cotton - Irrigated	1	Acre	\$32.00	\$32.00	\$3,200.00
Insecticide					
Centric	2.5	Ounce	\$5.52	\$13.80	\$1,380.00
Sivanto	10.5	Ounce	\$3.28	\$34.45	\$3,444.90
Transform	1	Ounce	\$8.98	\$8.98	\$898.40
Other Chemicals					
Mepiquat	24	Ounce	\$0.15	\$3.60	\$360.00
Thidiazuron	4	Ounce	\$1.21	\$4.84	\$484.00
Surfactant	0.5	Pint	\$5.35	\$2.68	\$267.50
Ethephon	21	Ounce	\$0.23	\$4.83	\$482.51
Other Labor					
Unallocated Labor	0.88	Hour	\$12.00	\$10.56	\$1,056.00
Irrigation					
Water Cost	1.20	Acre/Foot	\$20.00	\$24.00	\$2,400.00
Irrigation Labor	3.30	Hour	\$12.00	\$39.60	\$3,960.00
Machinery Labor					
Tractors/Self-Propelled	1.56	Hour	\$12.00	\$18.72	\$1,872.00
Other Labor	0.36	Hour	\$12.00	\$4.32	\$432.00
Diesel Fuel					
Tractors/Self-Propelled	9.34	Gallon	\$2.00	\$18.68	\$1,868.00
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%	\$8.78	\$877.63
Total Variable Costs				\$760.23	\$76,022.86
Planned Returns Above Variable Costs:				\$292.77	\$29,277.14
Breakeven Price to Cover Variable Costs			\$0.47	Pound	
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
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				\$907.04	\$90,703.94
Returns Above Specified Costs				\$145.96	\$14,596.06
Breakeven Price to Cover Total Costs			\$0.58	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.