

2023 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	\$360.00	\$320.40	\$32,040.00	
Total Revenue					\$1,445.40	\$144,540.00	
VARIABLE COSTS		Quantity	Units	\$/Unit	Total	Enterprise	
Production Costs						Total	
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	
Custon 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	\$17.50	\$57.75	\$5,775.00	
Machinery Labor							
Tractors/Self-Propelled		1.56	Hour	\$17.21	\$26.85	\$2,684.76	
Other Labor		0.36	Hour	\$17.21	\$6.20	\$619.56	
Diesel Fuel							
Tractors/Self-Propelled		9.34	Gallon	\$2.24	\$20.92	\$2,092.16	
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				8.00%	\$21.17	\$2,117.41	
Total Variable Costs					\$1,015.08	\$101,507.69	
Planned Returns Above Variable Costs:					\$430.32	\$43,032.31	
Breakeven Price to Cover Variable Costs				\$0.56	Pound		
FIXED COSTS		Quantity	Units	\$/Unit	Total	Enterprise	
Machinery Depreciation						Total	
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	8.00%	\$15.14	\$1,514.01	
Implements		\$103.00	Dollars	8.00%	\$8.24	\$824.02	
Cash Rent, Irrigated		1	Acre	\$85.00	\$85.00	\$8,500.00	
Total Fixed Costs					\$149.73	\$14,973.33	
Total Specified Costs					\$1,164.81	\$116,481.02	
Returns Above Specified Costs					\$280.59	\$28,058.98	
Breakeven Price to Cover Total Costs				\$0.68	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.