

# Tomato Price/Yield Sensitivity Analysis

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		Price/lbs											
		\$0.35	\$0.36	\$0.37	\$0.38	\$0.39	\$0.40	\$0.41	\$0.42	\$0.43	\$0.44	\$0.45	\$0.46
Y i e l d  ( l b s / a c r e )	28000	(\$4,537.36)	(\$4,257.36)	(\$3,977.36)	(\$3,697.36)	(\$3,417.36)	(\$3,137.36)	(\$2,857.36)	(\$2,577.36)	(\$2,297.36)	(\$2,017.36)	(\$1,737.36)	(\$1,457.36)
	29000	(\$4,187.36)	(\$3,897.36)	(\$3,607.36)	(\$3,317.36)	(\$3,027.36)	(\$2,737.36)	(\$2,447.36)	(\$2,157.36)	(\$1,867.36)	(\$1,577.36)	(\$1,287.36)	(\$997.36)
	30000	(\$3,837.36)	(\$3,537.36)	(\$3,237.36)	(\$2,937.36)	(\$2,637.36)	(\$2,337.36)	(\$2,037.36)	(\$1,737.36)	(\$1,437.36)	(\$1,137.36)	(\$837.36)	(\$537.36)
	31000	(\$3,487.36)	(\$3,177.36)	(\$2,867.36)	(\$2,557.36)	(\$2,247.36)	(\$1,937.36)	(\$1,627.36)	(\$1,317.36)	(\$1,007.36)	(\$697.36)	(\$387.36)	(\$77.36)
	32000	(\$3,137.36)	(\$2,817.36)	(\$2,497.36)	(\$2,177.36)	(\$1,857.36)	(\$1,537.36)	(\$1,217.36)	(\$897.36)	(\$577.36)	(\$257.36)	\$62.64	\$382.64
	33000	(\$2,787.36)	(\$2,457.36)	(\$2,127.36)	(\$1,797.36)	(\$1,467.36)	(\$1,137.36)	(\$807.36)	(\$477.36)	(\$147.36)	\$182.64	\$512.64	\$842.64
	34000	(\$2,437.36)	(\$2,097.36)	(\$1,757.36)	(\$1,417.36)	(\$1,077.36)	(\$737.36)	(\$397.36)	(\$57.36)	\$282.64	\$622.64	\$962.64	\$1,302.64
	35000	(\$2,087.36)	(\$1,737.36)	(\$1,387.36)	(\$1,037.36)	(\$687.36)	(\$337.36)	\$12.64	\$362.64	\$712.64	\$1,062.64	\$1,412.64	\$1,762.64
	36000	(\$1,737.36)	(\$1,377.36)	(\$1,017.36)	(\$657.36)	(\$297.36)	\$62.64	\$422.64	\$782.64	\$1,142.64	\$1,502.64	\$1,862.64	\$2,222.64
	37000	(\$1,387.36)	(\$1,017.36)	(\$647.36)	(\$277.36)	\$92.64	\$462.64	\$832.64	\$1,202.64	\$1,572.64	\$1,942.64	\$2,312.64	\$2,682.64*
38000	(\$1,037.36)	(\$657.36)	(\$277.36)	\$102.64	\$482.64	\$862.64	\$1,242.64	\$1,622.64	\$2,002.64	\$2,382.64	\$2,762.64	\$3,142.64	
39000	(\$687.36)	(\$297.36)	\$92.64	\$482.64	\$872.64	\$1,262.64	\$1,652.64	\$2,042.64	\$2,432.64	\$2,822.64	\$3,212.64	\$3,602.64	
40000	(\$337.36)	\$62.64	\$462.64	\$862.64	\$1,262.64	\$1,662.64	\$2,062.64	\$2,462.64	\$2,862.64	\$3,262.64	\$3,662.64	\$4,062.64	
41000	\$12.64	\$422.64	\$832.64	\$1,242.64	\$1,652.64	\$2,062.64	\$2,472.64	\$2,882.64	\$3,292.64	\$3,702.64	\$4,112.64	\$4,522.64	
42000	\$362.64	\$782.64	\$1,202.64	\$1,622.64	\$2,042.64	\$2,462.64	\$2,882.64	\$3,302.64	\$3,722.64	\$4,142.64	\$4,562.64	\$4,982.64	
43000	\$712.64	\$1,142.64	\$1,572.64	\$2,002.64	\$2,432.64	\$2,862.64	\$3,292.64	\$3,722.64	\$4,152.64	\$4,582.64	\$5,012.64	\$5,442.64	
44000	\$1,062.64	\$1,502.64	\$1,942.64	\$2,382.64	\$2,822.64	\$3,262.64	\$3,702.64	\$4,142.64	\$4,582.64	\$5,022.64	\$5,462.64	\$5,902.64	
45000	\$1,412.64	\$1,862.64	\$2,312.64	\$2,762.64	\$3,212.64	\$3,662.64	\$4,112.64	\$4,562.64	\$5,012.64	\$5,462.64	\$5,912.64	\$6,362.64	
46000	\$1,762.64	\$2,222.64	\$2,682.64	\$3,142.64	\$3,602.64	\$4,062.64	\$4,522.64	\$4,982.64	\$5,442.64	\$5,902.64	\$6,362.64	\$6,822.64	
47000	\$2,112.64	\$2,582.64	\$3,052.64	\$3,522.64	\$3,992.64	\$4,462.64	\$4,932.64	\$5,402.64	\$5,872.64	\$6,342.64	\$6,812.64	\$7,282.64	

2018 Average Retail Price for Tomatoes \$1.49/lb

2018 Average Whole Sale Price for Tomatoes \$0.66/lb

\* Average Estimated Yield per acre 37,000 lbs

Estimated Cost of Production per acre \$14,337.36

SOURCE: Pricing - <https://www.ams.usda.gov/market-news/fruits-vegetables>

SOURCE: Budgets - <https://www.uaex.edu/farm-ranch/economics-marketing/farm-planning/budgets/specialty-crops-budgets.aspx>

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