

Cucumber Price/Yield Sensitivity Analysis

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Returns Above Total Specified Expenses

		Price/lbs											
		\$0.27	\$0.28	\$0.29	\$0.30	\$0.31	\$0.32	\$0.33	\$0.34	\$0.35	\$0.36	\$0.37	\$0.38
Y i e l d (l b s / a c r e)	10000	\$2,700.00	\$2,800.00	\$2,900.00	\$3,000.00	\$3,100.00	\$3,200.00	\$3,300.00	\$3,400.00	\$3,500.00	\$3,600.00	\$3,700.00	\$3,800.00
	11000	\$2,970.00	\$3,080.00	\$3,190.00	\$3,300.00	\$3,410.00	\$3,520.00	\$3,630.00	\$3,740.00	\$3,850.00	\$3,960.00	\$4,070.00	\$4,180.00
	12000	\$3,240.00	\$3,360.00	\$3,480.00	\$3,600.00	\$3,720.00	\$3,840.00	\$3,960.00	\$4,080.00	\$4,200.00	\$4,320.00	\$4,440.00	\$4,560.00
	13000	\$3,510.00	\$3,640.00	\$3,770.00	\$3,900.00	\$4,030.00	\$4,160.00	\$4,290.00	\$4,420.00	\$4,550.00	\$4,680.00	\$4,810.00	\$4,940.00
	14000	\$3,780.00	\$3,920.00	\$4,060.00	\$4,200.00	\$4,340.00	\$4,480.00	\$4,620.00	\$4,760.00	\$4,900.00	\$5,040.00	\$5,180.00	\$5,320.00
	15000	\$4,050.00	\$4,200.00	\$4,350.00	\$4,500.00	\$4,650.00	\$4,800.00	\$4,950.00	\$5,100.00	\$5,250.00	\$5,400.00	\$5,550.00	\$5,700.00
	16000	\$4,320.00	\$4,480.00	\$4,640.00	\$4,800.00	\$4,960.00	\$5,120.00	\$5,280.00	\$5,440.00	\$5,600.00	\$5,760.00	\$5,920.00	\$6,080.00
	17000	\$4,590.00	\$4,760.00	\$4,930.00	\$5,100.00	\$5,270.00	\$5,440.00	\$5,610.00	\$5,780.00	\$5,950.00	\$6,120.00	\$6,290.00	\$6,460.00
	18000	\$4,860.00	\$5,040.00	\$5,220.00	\$5,400.00	\$5,580.00	\$5,760.00	\$5,940.00	\$6,120.00	\$6,300.00	\$6,480.00	\$6,660.00	\$6,840.00
	19000	\$5,130.00	\$5,320.00	\$5,510.00	\$5,700.00	\$5,890.00	\$6,080.00	\$6,270.00	\$6,460.00	\$6,650.00	\$6,840.00	\$7,030.00	\$7,220.00*
	20000	\$5,400.00	\$5,600.00	\$5,800.00	\$6,000.00	\$6,200.00	\$6,400.00	\$6,600.00	\$6,800.00	\$7,000.00	\$7,200.00	\$7,400.00	\$7,600.00
	21000	\$5,670.00	\$5,880.00	\$6,090.00	\$6,300.00	\$6,510.00	\$6,720.00	\$6,930.00	\$7,140.00	\$7,350.00	\$7,560.00	\$7,770.00	\$7,980.00
	22000	\$5,940.00	\$6,160.00	\$6,380.00	\$6,600.00	\$6,820.00	\$7,040.00	\$7,260.00	\$7,480.00	\$7,700.00	\$7,920.00	\$8,140.00	\$8,360.00
	23000	\$6,210.00	\$6,440.00	\$6,670.00	\$6,900.00	\$7,130.00	\$7,360.00	\$7,590.00	\$7,820.00	\$8,050.00	\$8,280.00	\$8,510.00	\$8,740.00
	24000	\$6,480.00	\$6,720.00	\$6,960.00	\$7,200.00	\$7,440.00	\$7,680.00	\$7,920.00	\$8,160.00	\$8,400.00	\$8,640.00	\$8,880.00	\$9,120.00
	25000	\$6,750.00	\$7,000.00	\$7,250.00	\$7,500.00	\$7,750.00	\$8,000.00	\$8,250.00	\$8,500.00	\$8,750.00	\$9,000.00	\$9,250.00	\$9,500.00
	26000	\$7,020.00	\$7,280.00	\$7,540.00	\$7,800.00	\$8,060.00	\$8,320.00	\$8,580.00	\$8,840.00	\$9,100.00	\$9,360.00	\$9,620.00	\$9,880.00
	27000	\$7,290.00	\$7,560.00	\$7,830.00	\$8,100.00	\$8,370.00	\$8,640.00	\$8,910.00	\$9,180.00	\$9,450.00	\$9,720.00	\$9,990.00	\$10,260.00
	28000	\$7,560.00	\$7,840.00	\$8,120.00	\$8,400.00	\$8,680.00	\$8,960.00	\$9,240.00	\$9,520.00	\$9,800.00	\$10,080.00	\$10,360.00	\$10,640.00
29000	\$7,830.00	\$8,120.00	\$8,410.00	\$8,700.00	\$8,990.00	\$9,280.00	\$9,570.00	\$9,860.00	\$10,150.00	\$10,440.00	\$10,730.00	\$11,020.00	

2018 Average Retail Price for Cucumbers \$0.68/lb

2018 Average Whole Sale Price for Cucumbers \$0.36

* Average Estimated Yield per acre 19,000 lbs

Estimated Cost of Production per acre \$5,720.62

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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