

Squash Price/Yield Sensitivity Analysis

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Returns Above Total Specified Expenses

		Price/lbs											
		\$0.15	\$0.16	\$0.17	\$0.18	\$0.19	\$0.20	\$0.21	\$0.22	\$0.23	\$0.24	\$0.25	\$0.26
Y i e l d (l b s / a c r e)	23000	\$3,450.00	\$3,680.00	\$3,910.00	\$4,140.00	\$4,370.00	\$4,600.00	\$4,830.00	\$5,060.00	\$5,290.00	\$5,520.00	\$5,750.00	\$5,980.00
	24000	\$3,600.00	\$3,840.00	\$4,080.00	\$4,320.00	\$4,560.00	\$4,800.00	\$5,040.00	\$5,280.00	\$5,520.00	\$5,760.00	\$6,000.00	\$6,240.00
	25000	\$3,750.00	\$4,000.00	\$4,250.00	\$4,500.00	\$4,750.00	\$5,000.00	\$5,250.00	\$5,500.00	\$5,750.00	\$6,000.00	\$6,250.00	\$6,500.00
	26000	\$3,900.00	\$4,160.00	\$4,420.00	\$4,680.00	\$4,940.00	\$5,200.00	\$5,460.00	\$5,720.00	\$5,980.00	\$6,240.00	\$6,500.00	\$6,760.00
	27000	\$4,050.00	\$4,320.00	\$4,590.00	\$4,860.00	\$5,130.00	\$5,400.00	\$5,670.00	\$5,940.00	\$6,210.00	\$6,480.00	\$6,750.00	\$7,020.00
	28000	\$4,200.00	\$4,480.00	\$4,760.00	\$5,040.00	\$5,320.00	\$5,600.00	\$5,880.00	\$6,160.00	\$6,440.00	\$6,720.00	\$7,000.00	\$7,280.00
	29000	\$4,350.00	\$4,640.00	\$4,930.00	\$5,220.00	\$5,510.00	\$5,800.00	\$6,090.00	\$6,380.00	\$6,670.00	\$6,960.00	\$7,250.00	\$7,540.00
	30000	\$4,500.00	\$4,800.00	\$5,100.00	\$5,400.00	\$5,700.00	\$6,000.00	\$6,300.00	\$6,600.00	\$6,900.00	\$7,200.00	\$7,500.00	\$7,800.00
	31000	\$4,650.00	\$4,960.00	\$5,270.00	\$5,580.00	\$5,890.00	\$6,200.00	\$6,510.00	\$6,820.00	\$7,130.00	\$7,440.00	\$7,750.00	\$8,060.00
	32000	\$4,800.00	\$5,120.00	\$5,440.00	\$5,760.00	\$6,080.00	\$6,400.00	\$6,720.00	\$7,040.00	\$7,360.00	\$7,680.00	\$8,000.00	\$8,320.00
	33000	\$4,950.00	\$5,280.00	\$5,610.00	\$5,940.00	\$6,270.00	\$6,600.00	\$6,930.00	\$7,260.00	\$7,590.00	\$7,920.00	\$8,250.00	\$8,580.00
	34000	\$5,100.00	\$5,440.00	\$5,780.00	\$6,120.00	\$6,460.00	\$6,800.00	\$7,140.00	\$7,480.00	\$7,820.00	\$8,160.00	\$8,500.00	\$8,840.00
	35000	\$5,250.00	\$5,600.00	\$5,950.00	\$6,300.00	\$6,650.00	\$7,000.00	\$7,350.00	\$7,700.00	\$8,050.00	\$8,400.00	\$8,750.00	\$9,100.00
	36000	\$5,400.00	\$5,760.00	\$6,120.00	\$6,480.00	\$6,840.00	\$7,200.00	\$7,560.00	\$7,920.00	\$8,280.00	\$8,640.00	\$9,000.00	\$9,360.00
	37000	\$5,550.00	\$5,920.00	\$6,290.00	\$6,660.00	\$7,030.00	\$7,400.00	\$7,770.00	\$8,140.00	\$8,510.00	\$8,880.00	\$9,250.00	\$9,620.00
	38000	\$5,700.00	\$6,080.00	\$6,460.00	\$6,840.00	\$7,220.00	\$7,600.00	\$7,980.00	\$8,360.00	\$8,740.00	\$9,120.00	\$9,500.00	\$9,880.00
39000	\$5,850.00	\$6,240.00	\$6,630.00	\$7,020.00	\$7,410.00	\$7,800.00	\$8,190.00	\$8,580.00	\$8,970.00	\$9,360.00	\$9,750.00	\$10,140.00	
40000	\$6,000.00	\$6,400.00	\$6,800.00	\$7,200.00	\$7,600.00	\$8,000.00	\$8,400.00	\$8,800.00	\$9,200.00	\$9,600.00	\$10,000.00	\$10,400.00	
41000	\$6,150.00	\$6,560.00	\$6,970.00	\$7,380.00	\$7,790.00	\$8,200.00	\$8,610.00	\$9,020.00	\$9,430.00	\$9,840.00	\$10,250.00	\$10,660.00	
42000	\$6,300.00	\$6,720.00	\$7,140.00	\$7,560.00	\$7,980.00	\$8,400.00	\$8,820.00	\$9,240.00	\$9,660.00	\$10,080.00	\$10,500.00	\$10,920.00	

2018 Average Retail Price for Squash \$1.54/lb

2018 Average Whole Sale Price for Squash \$0.67/lb

* Average Estimated yield per acre 33,000 lbs

Estimated Cost of Production per acre \$6,075.28

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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