

South Central Arizona Vegetable Crop Budget Summary

County:	Pima County			Pinal County											
	Fall Lettuce	Pumpkins	Dry Onions	Watermelons	Spring Cantaloupe	Generic Squash	Sweet Corn	Broccoli	Cauliflower	Chilies Green/Red	Fall Honeydews	Fall Cantaloupe	Fall Lettuce	Spring Lettuce	Early Potatoes
Yield	Flood Furrow 210.2	Flood Furrow 3.6	Flood Furrow 954.0	Flood Furrow 17.0	Flood Furrow 212.0	Flood Furrow 190.0	Flood Furrow 81.3	Flood Furrow 480.0	Flood Furrow 381.0	Flood Furrow 8.0	Flood Furrow 521.0	Flood Furrow 167.0	Flood Furrow 297.0	Flood Furrow 470.0	Flood Furrow 280.0
Price	\$14.74	\$102.00	\$5.38	\$123.00	\$11.03	\$7.58	\$9.76	\$5.22	\$6.34	\$200.00	\$6.72	\$18.77	\$8.63	\$8.72	\$8.34
Other										\$315.00					
Gross Income	\$3,098.35	\$367.20	\$5,132.52	\$2,091.00	\$2,338.36	\$1,440.20	\$793.49	\$2,505.60	\$2,415.54	\$1,915.00	\$3,501.12	\$3,134.59	\$2,563.11	\$4,098.40	\$2,335.20
Preharvest Operating Costs															
Labor Costs															
Machine Operation	\$40.71	\$18.63	\$36.63	\$43.38	\$40.99	\$57.94	\$26.34	\$73.63	\$60.43	\$33.12	\$45.00	\$45.00	\$37.49	\$32.55	\$58.75
Irrigation	\$36.35	\$18.32	\$30.03	\$44.36	\$45.52	\$41.61	\$46.66	\$25.00	\$76.43	\$27.64	\$36.41	\$36.41	\$78.45	\$17.29	\$31.20
Other Labor			\$6.82		\$4.44	\$4.55		\$4.55			\$2.73	\$2.73	\$12.28	\$24.18	
Total Labor Costs	\$77.06	\$36.95	\$73.48	\$87.74	\$90.95	\$104.10	\$73.00	\$103.18	\$136.86	\$60.76	\$84.14	\$84.14	\$128.22	\$49.84	\$114.13
Chemical Costs (including custom application)															
Fertilizer	\$126.81	\$42.69	\$109.18	\$73.92	\$129.65	\$52.70	\$89.74	\$123.75	\$121.49	\$97.03	\$105.36	\$105.36	\$108.84	\$148.59	\$84.67
Insecticide	\$63.16	\$92.76	\$25.19	\$25.19	\$39.30	\$5.18	\$134.88	\$33.32	\$32.57	\$146.12	\$147.16	\$178.43	\$679.57	\$11.38	
Herbicide	\$80.45	\$43.46	\$131.02	\$39.30	\$50.51	\$36.04	\$9.00	\$39.30	\$3.31	\$32.44	\$50.51	\$50.51	\$19.25	\$68.77	\$4.96
Other Chemicals										\$33.94	\$4.27	\$4.27	\$40.99		
Total Chemical Costs	\$270.42	\$168.91	\$240.20	\$138.41	\$180.16	\$93.92	\$233.62	\$196.37	\$124.80	\$195.98	\$301.99	\$303.03	\$310.79	\$938.22	\$101.01
Machinery Fuel and Repair Costs															
Diesel/Gasoline	\$16.02	\$8.16	\$17.82	\$19.32	\$12.26	\$16.64	\$16.16	\$22.82	\$19.96	\$17.82	\$18.41	\$18.41	\$15.81	\$30.20	\$27.60
Repairs	\$34.68	\$15.48	\$36.63	\$32.89	\$25.86	\$29.96	\$31.39	\$36.36	\$35.06	\$32.86	\$32.99	\$33.28	\$29.83	\$41.89	\$47.86
Total Machinery Costs	\$50.70	\$23.64	\$54.45	\$52.21	\$38.12	\$46.60	\$47.55	\$61.18	\$55.02	\$50.68	\$51.40	\$51.69	\$45.64	\$72.09	\$75.46
Pump Fuel and Repair Costs															
Electric	\$145.30	\$151.35													\$0.33
Repairs	\$17.29	\$18.01													\$28.98
Total Pump Costs	\$162.59	\$169.36													\$29.31
Surface Water Costs w/o Assessment			\$132.00	\$181.46	\$111.67	\$89.33	\$122.83	\$132.00	\$156.33	\$161.92	\$120.00	\$120.00	\$144.00	\$84.00	\$92.12
Total Water Costs	\$162.59	\$169.36	\$132.00	\$181.46	\$111.67	\$89.33	\$122.83	\$132.00	\$156.33	\$161.92	\$120.00	\$120.00	\$144.00	\$84.00	\$121.43
Other Costs															
Seed/Services	\$400.80	\$400.49	\$946.40	\$631.09	\$263.06	\$560.14	\$120.15	\$18.90	\$104.76	\$256.42	\$206.23	\$189.04	\$179.76	\$272.46	\$469.40
Total Other Costs	\$400.80	\$400.49	\$946.40	\$631.09	\$263.06	\$560.14	\$120.15	\$18.90	\$104.76	\$256.42	\$206.23	\$189.04	\$179.76	\$272.46	\$469.40
Total Preharvest Costs	\$961.57	\$799.35	\$1,446.53	\$1,090.91	\$683.96	\$894.09	\$597.15	\$511.63	\$577.77	\$725.76	\$763.76	\$747.90	\$808.41	\$1,416.61	\$881.43
Harvest Operating Costs															
Labor		\$140.08	\$0.41	\$163.78		\$89.92	\$250.22	\$16.38		\$1.70			\$0.27		\$45.04
Machinery		\$62.64	\$0.56	\$122.94		\$77.76	\$60.29	\$12.29		\$2.05			\$0.55		\$42.81
Custom	\$1,020.00		\$2,632.00	\$170.00	\$418.60		\$1,400.00	\$407.04	\$1,342.00	\$828.00	\$937.80	\$300.06	\$712.80	\$1,128.00	
Other	\$392.70		\$746.24	\$486.54	\$157.30	\$191.33	\$135.68	\$407.04	\$318.21	\$745.55	\$300.06	\$377.04	\$438.42		
Total Harvest Costs	\$1,412.70	\$202.72	\$3,379.21	\$943.26	\$575.90	\$359.01	\$446.19	\$1,835.71	\$1,660.21	\$831.75	\$1,683.35	\$423.97	\$1,090.66	\$1,566.42	\$87.85
Pickup Use	\$14.82	\$4.94	\$15.41	\$15.41	\$7.71	\$2.57	\$7.71	\$15.41	\$10.27	\$20.55	\$7.71	\$7.71	\$15.41	\$15.41	\$15.41
Operating Interest	\$10.58	\$23.14	\$65.91	\$40.17	\$19.99	\$34.60	\$18.68	\$11.97	\$12.50	\$23.91	\$9.71	\$9.44	\$12.40	\$27.30	\$29.13
Total Operating Cost	\$2,399.67	\$1,030.15	\$4,907.06	\$2,089.75	\$1,287.56	\$1,290.27	\$1,069.73	\$2,374.72	\$2,260.75	\$1,601.97	\$2,464.53	\$1,189.02	\$1,926.88	\$3,025.74	\$1,013.82
Net Cash Returns	\$698.68	(\$662.95)	\$225.46	\$1.25	\$1,050.80	\$149.93	(\$276.24)	\$130.88	\$154.79	\$313.03	\$1,036.59	\$1,945.57	\$636.23	\$1,072.66	\$1,321.38
Ownership Costs															
Cash Overhead	\$209.79	\$99.76	\$398.55	\$182.69	\$108.31	\$118.52	\$94.49	\$198.34	\$187.20	\$133.27	\$202.07	\$100.13	\$150.87	\$250.17	\$101.03
Capital Allocations	\$97.84	\$110.52	\$48.26	\$125.96	\$39.72	\$102.91	\$78.74	\$65.05	\$47.41	\$43.86	\$40.49	\$41.08	\$39.84	\$47.77	\$160.42
Land Rent	\$48.27	\$100.00	\$63.97	\$125.00	\$112.50	\$125.00	\$125.00	\$31.99	\$112.50	\$125.00	\$31.99	\$31.99	\$31.99	\$31.99	\$125.00
Management	\$191.97	\$82.41	\$392.56	\$167.18	\$103.32	\$103.22	\$85.58	\$189.98	\$180.86	\$128.16	\$197.16	\$95.17	\$146.15	\$242.06	\$81.11
Total Ownership Cost	\$547.87	\$392.69	\$903.34	\$600.83	\$363.85	\$449.65	\$383.81	\$485.36	\$527.97	\$430.29	\$471.71	\$268.37	\$368.85	\$571.99	\$467.56
TOTAL COST	\$2,947.54	\$1,422.84	\$5,810.40	\$2,690.58	\$1,651.41	\$1,739.92	\$1,453.54	\$2,860.08	\$2,788.72	\$2,032.26	\$2,936.24	\$1,457.39	\$2,295.73	\$3,597.73	\$1,481.38
Return To Risk	\$150.81	(\$1,055.64)	(\$677.88)	(\$599.58)	\$686.95	(\$299.72)	(\$660.05)	(\$354.48)	(\$373.18)	(\$117.26)	\$564.88	\$1,677.20	\$267.38	\$500.67	\$853.82
Resource Use															
Water (Acre-Inches)	54.00	48.00	44.00	65.00	40.00	32.00	44.00	44.00	56.00	58.00	40.00	40.00	48.00	28.00	33.00
Labor Man-hours	10.35	24.29	9.92	63.80	12.33	32.08	45.61	15.32	24.58	8.30	11.23	11.23	17.91	8.21	26.98
Diesel (Gallons)	23.70	41.00	23.70	69.90	21.40	21.90	48.10	34.50	26.30	24.40	24.20	24.20	21.00	21.10	43.60
Gasoline (Gallons)	6.00	2.00	6.00	6.00	3.00	28.50	3.00	6.00	4.00	8.00	3.00	3.00	6.00	16.70	8.70
Electric (KWH)	2730.70	2844.40													11.10
Nitrogen (Pounds)	196.60	150.40	252.40	189.90	101.90	115.50	213.10	189.00	222.00	225.50	158.20	158.20	204.30	267.00	164.00
Phosphorous (Pounds)	240.00		212.00	92.00		152.60	62.40	96.00	230.00	160.80	106.00	126.00	157.50	144.00	184.00
Potassium (pounds)					28.30						15.00	15.00	22.50		27.00