

Central Arizona Vegetable Crop Budget Summary

County:	Maricopa																
	Fall Iceberg Lettuce	Early Potatoes	Broccoli	Spinach	Fall Honeydews	Watermelons Seedless	Green Onions	Fall Cantaloupes	Dry Onions	Spring Honeydews	Cauliflower Transplant	Sweet Corn	Fall Cabbage	Spring Cantaloupes	Carrots	Late Spring Cantaloupes	Fall Leaf Lettuce
	Flood Furrow	Flood Furrow	Flood Furrow	Flood Furrow	Flood Furrow	Flood Furrow	Flood Furrow	Flood Furrow	Flood Furrow	Flood Furrow	Flood Furrow	Flood Furrow	Flood Furrow	Flood Furrow	Flood Furrow	Flood Furrow	Flood Furrow
Yield	297.0	292.0	20.0	487.0	521.0	13.3	992.0	167.0	957.0	593.0	563.0	224.0	507.0	381.0	915.0	381.0	333.0
Price	\$8.63	\$8.44	\$35.00	\$7.78	\$6.72	\$156.92	\$6.81	\$18.77	\$5.32	\$5.81	\$6.78	\$4.06	\$3.78	\$12.90	\$3.33	\$12.90	\$17.29
Other			\$18.00														
Gross Income	\$2,563.11	\$2,464.48	\$718.00	\$3,788.86	\$3,501.12	\$2,079.19	\$6,755.52	\$3,134.59	\$5,091.24	\$3,445.33	\$3,817.14	\$909.44	\$1,916.46	\$4,914.90	\$3,046.95	\$4,914.90	\$5,757.57
Preharvest Operating Costs																	
Labor Costs																	
Machine Operation	\$44.63	\$66.78		\$68.74	\$53.57	\$54.90	\$87.59	\$53.57	\$50.21	\$58.38	\$76.74	\$29.08	\$93.43	\$47.75	\$46.93	\$51.00	\$86.03
Irrigation	\$112.08	\$54.99	\$40.94	\$58.49	\$52.02	\$67.62	\$70.24	\$52.02	\$58.49	\$49.39	\$93.59	\$70.06	\$68.24	\$58.52	\$68.46	\$58.52	\$137.78
Other Labor	\$17.55	\$24.37		\$6.50	\$3.90	\$6.50	\$6.50	\$3.90	\$9.75	\$58.49	\$58.49	\$6.50	\$6.50	\$6.34	\$18.52	\$9.59	
Total Labor Costs	\$174.26	\$146.14	\$40.94	\$133.73	\$109.49	\$129.02	\$164.33	\$109.49	\$118.45	\$107.77	\$228.82	\$99.14	\$168.17	\$112.61	\$133.91	\$119.11	\$223.81
Chemical Costs (including custom application)																	
Fertilizer	\$108.58	\$107.65		\$127.96	\$105.12	\$82.43	\$94.97	\$105.12	\$108.92	\$179.71	\$121.20	\$64.79	\$128.54	\$179.71	\$68.53	\$179.71	\$103.48
Insecticide	\$178.01	\$11.63	\$11.76	\$23.90	\$145.79	\$41.64	\$27.97	\$145.79	\$8.20	\$123.51	\$78.22	\$67.40	\$111.45	\$41.90	\$66.32	\$41.90	\$94.63
Herbicide	\$19.20	\$4.95	\$38.94		\$50.39	\$15.12	\$39.21	\$50.39	\$74.33	\$50.39	\$3.30		\$3.30	\$4.93	\$97.46	\$30.41	\$50.39
Other Chemicals	\$4.26	\$19.03								\$4.75							
Total Chemical Costs	\$310.05	\$143.26	\$50.70	\$151.86	\$301.30	\$139.19	\$162.15	\$301.30	\$191.45	\$358.36	\$202.72	\$132.19	\$243.29	\$226.54	\$232.31	\$252.02	\$248.50
Machinery Fuel and Repair Costs																	
Diesel/Gasoline	\$15.96	\$26.46	\$11.76	\$17.37	\$18.20	\$22.78	\$21.97	\$22.50	\$19.76	\$19.89	\$23.04	\$10.91	\$24.85	\$18.11	\$21.26	\$18.94	\$20.23
Repairs	\$25.84	\$44.95	\$38.95	\$26.42	\$26.29	\$33.42	\$35.37	\$35.64	\$32.69	\$29.88	\$38.15	\$16.17	\$38.52	\$26.68	\$30.66	\$27.48	\$40.18
Total Machinery Costs	\$41.80	\$71.41	\$50.71	\$43.79	\$44.49	\$56.20	\$57.34	\$58.14	\$52.45	\$49.77	\$61.19	\$27.08	\$63.37	\$44.79	\$51.92	\$46.42	\$60.41
Pump Fuel and Repair Costs																	
Natural Gas								\$148.50									
Repairs								\$25.30									
Total Pump Costs								\$173.80									
Surface Water Costs w/o Assessment	\$20.00	\$115.00	\$96.00	\$10.00		\$133.33	\$17.50		\$17.50	\$13.33	\$92.00	\$10.00	\$15.00	\$25.00	\$45.75	\$25.00	\$18.33
Total Water Costs	\$20.00	\$115.00	\$96.00	\$10.00		\$133.33	\$17.50		\$17.50	\$13.33	\$92.00	\$10.00	\$15.00	\$25.00	\$45.75	\$25.00	\$18.33
Other Costs																	
Seed/Services	\$179.52	\$697.95		\$264.12	\$206.15	\$962.31	\$570.75	\$189.01	\$944.17	\$285.87	\$387.32	\$107.86	\$469.74	\$188.01	\$49.53	\$574.21	\$379.56
Total Other Costs	\$179.52	\$697.95		\$264.12	\$206.15	\$962.31	\$570.75	\$189.01	\$944.17	\$285.87	\$387.32	\$107.86	\$469.74	\$188.01	\$49.53	\$574.21	\$379.56
Total Preharvest Costs	\$725.63	\$1,173.76	\$238.35	\$603.50	\$661.43	\$1,420.05	\$972.07	\$831.74	\$1,324.02	\$815.10	\$972.05	\$376.27	\$959.57	\$596.95	\$513.42	\$1,016.76	\$930.61
Harvest Operating Costs																	
Labor	\$0.32	\$156.95	\$40.94	\$0.49		\$116.98	\$0.49		\$0.49			\$302.20			\$0.24		
Machinery	\$0.48	\$45.79	\$61.05	\$0.23		\$64.75	\$0.23		\$0.47			\$62.52			\$0.20		
Custom	\$712.80			\$1,582.75	\$937.80	\$140.00	\$4,960.00	\$300.60	\$3,148.53	\$1,067.40	\$1,967.00		\$1,828.80	\$685.80	\$1,079.70	\$685.80	\$999.00
Other	\$276.39			\$695.25	\$743.79	\$399.73	\$1,416.20	\$123.62	\$890.58	\$846.58	\$470.34	\$379.01	\$509.34	\$282.04	\$919.23	\$282.04	\$316.93
Total Harvest Costs	\$989.99	\$202.74	\$101.99	\$2,278.72	\$1,681.59	\$721.46	\$6,376.92	\$424.22	\$4,040.07	\$1,913.98	\$2,437.34	\$743.73	\$2,338.14	\$967.84	\$1,999.37	\$967.84	\$1,315.93
Pickup Use	\$15.29	\$15.29	\$10.19	\$7.64	\$7.64	\$15.29	\$7.64	\$7.64	\$15.29	\$7.64	\$10.19	\$5.10	\$15.29	\$7.64	\$12.74	\$7.64	\$12.74
Operating Interest	\$11.74	\$32.97	\$17.37	\$9.04	\$8.43	\$50.04	\$23.84	\$10.51	\$62.68	\$12.75	\$15.68	\$5.26	\$38.20	\$18.86	\$31.47	\$33.16	\$13.74
Total Operating Cost	\$1,742.65	\$1,424.76	\$367.90	\$2,898.90	\$2,359.09	\$2,206.84	\$7,380.47	\$1,274.11	\$5,442.06	\$2,749.47	\$3,435.26	\$1,130.36	\$3,351.20	\$1,591.29	\$2,557.00	\$2,025.40	\$2,273.02
Net Cash Returns	\$820.46	\$1,039.72	\$350.10	\$889.96	\$1,142.03	(\$127.65)	(\$624.95)	\$1,860.48	(\$350.82)	\$695.96	\$381.88	(\$220.92)	(\$1,434.74)	\$3,323.61	\$489.95	\$2,889.50	\$3,484.55
Ownership Costs																	
Cash Overhead	\$144.23	\$127.94	\$34.29	\$237.17	\$193.89	\$188.90	\$596.86	\$116.84	\$442.14	\$225.50	\$281.73	\$98.78	\$275.59	\$132.52	\$209.98	\$167.48	\$189.42
Capital Allocations	\$39.60	\$120.27	\$177.43	\$41.77	\$40.15	\$90.42	\$50.73	\$126.88	\$54.60	\$42.38	\$54.34	\$78.44	\$56.75	\$40.51	\$43.27	\$42.16	\$62.10
Land Rent	\$35.56	\$66.12	\$71.12	\$35.56	\$35.56	\$68.12	\$35.56	\$25.56	\$71.12	\$35.56	\$33.06	\$71.12	\$35.56	\$35.56	\$35.56	\$35.56	\$35.56
Management	\$139.41	\$113.96	\$25.38	\$231.91	\$188.73	\$176.55	\$590.39	\$101.93	\$435.37	\$219.96	\$274.82	\$90.43	\$268.10	\$127.30	\$493.37	\$162.03	\$181.84
Total Ownership Cost	\$358.80	\$428.29	\$308.22	\$546.41	\$458.33	\$523.99	\$1,273.54	\$371.21	\$1,003.23	\$523.40	\$643.95	\$338.77	\$636.00	\$335.89	\$782.18	\$407.23	\$468.92
TOTAL COST	\$2,101.45	\$1,853.05	\$676.12	\$3,445.31	\$2,817.42	\$2,730.83	\$8,654.01	\$1,645.32	\$6,445.29	\$3,272.87	\$4,079.21	\$1,469.13	\$3,987.20	\$1,927.18	\$3,339.18	\$2,432.63	\$2,741.94
Return To Risk	\$461.66	\$611.43	\$41.88	\$343.55	\$683.70	(\$651.64)	(\$1,898.49)	\$1,489.27	(\$1,354.05)	\$172.46	(\$262.07)	(\$559.69)	(\$2,070.74)	\$2,987.72	(\$292.23)	\$2,482.27	\$3,015.63
Resource Use																	
Water (Acre-Inches)	48.00	60.00	84.00	36.00	40.00	64.00	45.00	40.00	45.00	40.00	48.00	36.00	42.00	54.00	63.00	54.00	46.00
Labor Man-hours	17.91	35.09	8.40	13.77	11.23	77.23	16.91	11.23	12.20	11.06	23.47	51.17	17.25	11.55	13.76	12.22	22.96
Diesel (Gallons)	20.00	40.70	14.40	21.60	22.50	50.40	27.30	27.90	24.70	24.60	28.50	35.70	30.80	22.40	26.40	23.50	25.10
Gasoline (Gallons)	6.00	8.70	4.00	3.00	3.00	8.80	3.00	3.00	6.00	3.00	4.00	2.00	6.00	3.00	5.00	3.00	5.00
Natural Gas (Therms)								400.60									
Nitrogen (Pounds)	204.30	150.00		156.00	158.20	202.80	177.00	158.20	254.40	149.60	222.00	123.20	198.90	149.60	154.20	149.60	209.80
Phosphorous (Pounds)	157.50	184.00		150.00	126.00	115.00	40.00	126.00	212.00	206.20	160.80	96.00	230.00	206.20	60.00	206.20	207.00
Potassium (pounds)	22.50				15.00			15.00		31.10						31.10	