

Sample Costs to Produce Artichokes in Monterey County - 1971

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| Based on a yield of 210-22 pound cartons and 1600 pounds of processing artichokes (6220 # total) | Hours per Acre | | | | Cost per Acre | Your cost per Acre |
|--|-------------------------|----------------|---------------|----------------|---------------|--------------------|
| | Man Labor | 80 hp. Tract. | 60 hp. Tract. | Truck Pickup | | |
| Plow 3x | 1.0 | | 1.0 | | 5.67 | |
| Float 2x | 1.0 | | 1.0 | | 5.67 | |
| Stump | 0.6 | | 0.6 | | 3.40 | |
| Cut tops | 6.8 | | | | 14.96 | |
| Irrigate 4x | 1.1 | | 1.1 | | 6.23 | |
| Fertilize 3x | 10.0 | | | 2.0 | 25.20 | |
| Insecticide 11x | | | | | 9.00 | |
| Cultivation 9x | | | 3.0 | | 33.00 | |
| Hoe and weed | 3.0 | | | | 17.01 | |
| Slug control | 10.0 | | | | 22.00 | |
| Misc other work (includes mouse control) | 0.6 | | | 1.0 | 1.32 | |
| | 6.0 | | | | 14.80 | |
| Total Cultural Labor and Field Power | 51.4 | | 6.7 | 3.0 | 158.26 | |
| Irrigation water: power for 1.75 acre ft @ \$5.00 booster pump \$1.00 | | | | | 9.75 | |
| Fertilizer (N-P-K) | | | | | 45.00 | |
| Insecticides (Parathion) | | | | | 27.50 | |
| Slug bait | | | | | 7.24 | |
| Total Material Cost | | | | | 89.49 | |
| Total Labor, Field Power and Materials | | | | | 247.75 | |
| | | | | Tenants | | |
| Business costs, office, car operation, capital, etc. 7% of above | | | | 21.80 | 21.80 | |
| Taxes: real estate and improvement | | | | | 54.00 | |
| Taxes: equipment, except tractors | | | | 3.00 | 3.00 | |
| Advertising, promotion and research | | | | 100.00 | | |
| | | | | 5.00 | 5.00 | |
| Total Cash Overhead Costs | | | | 129.80 | 83.80 | |
| Total Cash Costs | | | | 377.55 | 331.55 | |
| Investment Overhead Costs | Dollars per Acre | | | | | |
| | Orig. Cost | Ave. Value | 8% Interest | Depre- ciation | | |
| Building for equipment | 18.00 | 9.00 | .63 | .60 | | |
| Irrigation wells, pipelines | 150.00 | 75.00 | 5.25 | 7.50 | | |
| Land \$2200.00 per acre | 2200.00 | 2200.00 | 154.00 | --- | | |
| Subtotal, real estate | 2368.00 | 2284.00 | 159.88 | 8.10 | | |
| Tractors, trucks, etc. | 110.00 | 55.00 | 3.85 | 11.00 | | |
| Tillage equipment | 32.00 | 16.00 | 1.12 | 3.20 | | |
| Portable irrigation pipe, etc. | 28.00 | 14.00 | .98 | 2.80 | | |
| Misc small equipment | 14.00 | 7.00 | .49 | 1.40 | | |
| Total Operators Equipment | 184.00 | 92.00 | 6.44 | 18.40 | | |
| Total Investment and Depreciation | | | | 18.40 | 26.50 | |
| Total Cash and Depreciation Costs | | | | 395.95 | 358.05 | |
| Interest on investment | | | | 6.44 | 166.32 | |
| Total cost to harvest | | | | 403.31 | 524.37 | |
| Pick - 63.0 hrs | | | | 138.60 | 138.60 | |
| Haul 5.0 hrs (includes \$17.15 for fuel and repairs) | | | | 28.15 | 28.15 | |
| Pack 0.82¢ per carton (includes ctn, labor and commission) | | | | 172.20 | 172.20 | |
| Total harvest costs | | | | 338.95 | 338.95 | |
| Total cost per acre | | | | 742.26 | 863.32 | |
| Cost to grow, pick and haul cwt. (does not include packing) | | | | 9.16 | 11.11 | |
| Cost to grow, pick and haul per carton .0916 or .1111 x 22 | | | | 2.02 | 2.44 | |
| Cost to pack per carton, includes ctn. labor and commission | | | | 0.82 | 0.82 | |
| Total cost per carton | | | | 2.84 | 3.26 | |

Labor costs per hour include Social Security, Workmens Compensation and insurance: Equipment Operator \$2.70 per hour, Irrigators and Hand Labor \$2.20 per hour, 60 hp. diesel tractor per hour cash costs \$1.55 depreciation 0.85¢ and interest 0.52¢. Light truck \$2.00 per hour cash costs and pickup \$1.60.

Sample Costs of Production at Varying Yields
FOR TENANT

| | | | | | |
|---------------------------------------|----------|----------|----------|----------|----------|
| Yield lbs per acre | 5820 | 6220 | 6620 | 7020 | 7420 |
| cartons | 192 | 210 | 228 | 246 | 265 |
| processor | 1600 | 1600 | 1600 | 1600 | 1600 |
| Cost to grow per acre | \$403.31 | \$403.31 | \$403.31 | \$403.31 | \$403.31 |
| Cost to pick and haul | 157.14 | 166.75 | 178.74 | 189.54 | 200.34 |
| Cost to grow, pick & haul | 560.45 | 570.06 | 582.05 | 592.85 | 603.65 |
| Cost per cwt. to grow, pick & haul | 9.63 | 9.16 | 8.79 | 8.45 | 8.14 |
| Cost per ctn to grow, pick & haul | 2.12 | 2.02 | 1.93 | 1.86 | 1.79 |
| Cost per ctn. to pack | 0.82 | 0.82 | 0.82 | 0.82 | 0.82 |
| Total Costs per Ctn. | 2.94 | 2.84 | 2.75 | 2.68 | 2.61 |