

**COSTS OF PRODUCTION OF A WINE GRAPE VINEYARD
IN SAN JOAQUIN COUNTY
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**Prepared by Paul S. Verdegaal, Farm Advisor
University of California Cooperative Extension
420 S. Wilson Way, Stockton, California 95205**

Sample costs presented here are based on:

I

- An 80-acre wine grape vineyard producing 7 tons per acre. Vines are spaced 6 feet x 10 feet, cordon trained. Wine grape yields vary a great deal according to variety. Some varieties produce over 8 tons per acre and other varieties, less. Yield is the most important factor affecting costs per ton.

II

- Costs vary according to varieties, training methods used, irrigation methods, vine spacing, soil type, cultural problems, etc.

III

- Labor costs based on \$6.00 and \$7.00 per man hour. (Includes workmen's compensation, social security, unemployment insurance, and other benefits, based on 20% of cash wage.) Medium-wheel tractor at \$6.50 per hour cash costs. Office, car, interest on operating capital, etc., based on 10% of all cash costs.

IV

- **REMEMBER--**These are not average costs but costs based on good cultural practices to produce quality wine grapes. They are not intended to represent industry averages. Costs of production are continually changing due to inflation.

What are your yields?

What are your costs?

Make a comparison.

**1992 SAMPLE COST TO PRODUCE A WINE GRAPE VINEYARD
SAN JOAQUIN COUNTY**

6x10 Spacing - Chardonnay/Freedom

PREHARVEST CASH COSTS	Unit Cost	Man Hours	Cost per Acre	Cost per Ton
Preharvest Cash Costs				
Pruning		24.0	144.00	20.57
Brush disposal		0.4	5.72	0.82
Tie vines	0.02	8.0	77.04	11.01
Weed control	45.00	0.3	49.29	7.04
Cultivation, 4x	(4) 14.3	0.3	17.16	2.45
Sucker mature vines		3.5	21.00	3.00
Irrigate		7.0	42.00	6.00
Water cost (pumped)		65.0	65.00	9.29
Leaf removal		22.0	132.00	18.86
Pest & disease control mtrl		127.15	127.15	18.16
Pest & disease control appl		3.5	50.05	7.15
Fertilizer & appl., 30 lbs	0.30	12.0	21.00	3.00
Miscellaneous labor	14.30	4.0	57.20	8.17
Miscellaneous material; twine etc.		50.0	50.00	7.14
Repairs; irrig sys & equip		50.0	50.00	7.14
County taxes			30.40	4.34
Office, truck, interest @ 10%			93.90	13.41
Total Preharvest Cash & Labor Costs			1,032.91	147.55

1992 Sample Cost to Produce a Wine Grape Vineyard, San Joaquin County - Continued

	Unit Cost	Man Hours	Cost per Acre	Cost per Ton
Harvest Cost				
Picking contract per ton	55.00		385.00	55.00
Hauling per ton	9.00		63.00	9.00
Total Cash & Labor Costs			1480.91	211.56
Depreciation Costs				
Vines (trellis) net cost	30.00/yr	9554.0	318.47	45.50
Irrigation system	20.00/yr	750.0	37.50	5.36
Buildings		150.0	7.50	1.07
Equipment		889.0	44.45	6.35
Total Depreciation Costs			407.92	58.27
Interest on Invest @ 10%				
Vines on 1/2 cost		0.1	477.70	68.24
Irrigation system on 1/2 cost			37.50	5.36
Buildings & equipment on 1/2 cost			7.50	1.07
Land		8000.0	800.00	114.29
Total Interest on Investment			1322.70	188.96
TOTAL COST OF PRODUCTION			3211.53	458.79

WINE GRAPE SAMPLE COSTS - PEST AND DISEASE CONTROL

(Supplement)

PROBLEMS INCLUDED IN COST SHEET:

	Cost of Material*
Mildew, 8 dustings (15 lbs each), 135 lbs	18.00
Leafhopper and mildew, combination spray	55.00
Mite and mildew spray	45.00
	118.00
sales tax	9.15
	127.15

OTHER PESTS AND DISEASE PROBLEMS THAT MAY REQUIRE TREATMENT:

	Material Costs/Acre* (add 7.75% sales tax)
Cutworm (bait)	12.60
Thrips	14.50
Leafroller and/or Omnivorous Leafroller	20.80
Mildew eradication	48.00
Perennial weed control	50.00
Add additional application costs:	
Duster, 10 A/hour	
Sprayer conc., 4 A/hour	
 <u>Custom Rates</u>	
	Per Acre
Ground dusting	6.00
Ground spraying	15.00
Airplane dusting, minimum	8.00
Airplane spraying, minimum	12.00

* Costs will vary depending on chemical used.