

WINE VARIETIES
Sample Costs for a Mature Vineyard - 1986

Based on a 120-acre unit, vines spaced at 8' x 11'. Wages include Social Security, Workmen's Compensation and insurance. Yield of 10 tons/acre. Tractor and supervisory labor \$5.70 per hour. Field labor \$4.85 per hour. Tractor \$6.48 per hour.

Operation	Labor		Cash and Labor Costs Per Acre			Total Cost	Your Cost
	Hours per Acre	Labor	Fuel & Repairs	-----Materials----- Kind and Quantity	Cost		
Pre-harvest Cash Costs:							
Pruning: contract				\$.19/vine, 495 vine/acre	94.05	94.05	
Brush Disposal: contract				Every middle	10.00	10.00	
Fertilizer				60 lbs N @ \$.30/lb + \$5/acre application	23.00	23.00	
Disease & pest control including mildew				Bayleton, Kryocide, Omite Thiodan fungicide	105.60	105.60	
Disease, & pest control application costs							32.00
Herbicides				Materials & \$14 appl cost	38.92	38.92	
Cultivation and irrigation preparation	4	22.80	25.92				48.72
Irrigate	5	24.25					24.25
Water power and/or district tax 3 1/2 ac ft @ \$16					56.00	56.00	
Misc. 1 hr. tractor 3 hrs. labor	3	14.55	6.48	Misc. materials	28.00	49.03	
Interest on operating capital @ 12.5%							60.20
TOTAL PRE-HARVEST COSTS	12	61.60	32.40		355.57	541.77	
HARVESTING COSTS							
Hand pick and haul to winery - contact \$45/ton							450.00
Cash overhead:							
Office and business costs							30.00
County Taxes							38.55
TOTAL CASH OVERHEAD COSTS							68.55
TOTAL CASH COSTS							1060.32
TOTAL CASH COST PER TON - 10 tons/acre							106.03
Investment							
		Per Acre	Depreciation	Annual Cost Interest @ 12.5%			
Equipment, buildings & irrigation 13.4 yrs.		855.39	63.08	53.46			116.54
Vines, stakes, trellis: 20 yr life		5469.00	273.45	341.81			615.26
Land		3000.00		375.00			375.00
TOTAL INVESTMENT COSTS		9324.39	336.53	770.27			1106.80
TOTAL COSTS PER ACRE							2167.12
COST PER TON - 10 tons/acre							216.71

Total Cost of Production Per Ton At Varying Yields

6 tons = \$331. 8 tons = \$260. 10 tons = \$217. 12 tons = \$188.
14 tons = \$168. 16 tons = \$152.

About This Sheet

This sheet is one of a series on sample costs of producing grapes in the San Joaquin Valley. This series includes: Thompson Seedless for Raisins and Wine, Thompson Seedless for Table Use, Wine Varieties, Emperor, Cardinal or Ribier and Flame Seedless table grapes. The input and cost data are to be used only as guides in determining the production costs for a specific vineyard and to help growers analyze costs and practices that would increase production efficiency. The figures shown are based on what are considered good management practices in many vineyards. They do not represent industry averages.

YIELD - Yield is the most important factor affecting costs per ton and profit per acre. The yield per acre used in this sample is average over a period of years for a typical, well-managed vineyard. Although this figure is higher than the industry average, some vineyards do better.

IRRIGATION - Sample costs for irrigation, labor and water costs are based on a pumping system with pipeline. Labor cost per acre is affected by the number of irrigations, quantity applied, and size of head. Large heads of water may lower the labor costs. When all the water is from an irrigation district, the investment overhead costs of depreciation and interest on irrigation facilities are normally lower.

PEST AND DISEASE CONTROL - Dusting and spraying costs may vary considerably from year to year. Control measures required also vary between vineyards. The sample costs shown on this sheet are based on average conditions. Pesticides/herbicides/fungicides listed are used to depict typical costs. Other materials may be equally effective and no specific recommendations are made for the products listed.

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