

Grape

WINE GRAPE PRODUCTION COSTS IN THE NORTH COAST COUNTIES

NONIRRIGATED, HEAD-PRUNED VARIETIES

1966

Sample costs presented in this sheet are chiefly for the production of standard varieties in older nonirrigated vineyards. The data were developed in Mendocino, Napa, and Sonoma Counties.

Cost Analysis Worksheet
Showing Sample Costs

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COST ANALYSIS WORKSHEET

STANDARD WINE VARIETIES IN OLDER NONIRRIGATED VINEYARDS — Sample Costs of Production, 1966

	Cost Per Acre	Cost Per Ton	Your Cost		Cost Per Acre	Cost Per Ton	Your Cost
PREHARVEST CASH & LABOR COST				DEPRECIATION PER ACRE ON 40 ACRES			
Pruning — average 600 vines @ 5¢	\$ 30.00			Vines — cost basis \$832, 30-yr life	\$ 27.73		
Brush disposal with chopper — 0.5 M-hr & 0.5 TR-hr	1.50			Building for equipment — cost \$30, 30-yr life	1.00		
Sulfuring 4 times (power duster) — 1.2 M-hr & 1.2 TR-hr	3.60			Tractor, tillage eqmt., chopper — cost \$165, 15-yr life	11.00		
Sulfur — 40 lb @ 5.5¢	2.20			Truck or pickup (used) — cost \$40, 10-yr life	4.00		
Spraying for mites once (contract @ 2¢/gal)	6.00			Duster, gondolas, & misc. eqmt. — cost \$50, 10-yr life	5.00		
Spray material (miticide)	6.50			Total Depreciation Cost	\$ 48.73	\$ 9.75	
Apply commercial fertilizer — .5 M-hr, 0.1 TK-hr, & .4 TR-hr	1.58			Total Cash & Depreciation Cost	\$264.34	\$ 52.87	
Fertilizer — To supply 50 lb actual N @ 11¢	5.50			INTEREST ON INVESTMENT @ 6%			
Cultivation, 4 times over — 4 M-hr & TR-hr	12.00			Vines — on ½ cost (\$416)	\$ 24.96		
Misc. labor, suckering, etc. — 6 M-hr, 0.5 TR-hr, & 1 TK-hr	12.33			Building for equipment — on ½ cost (\$15)	.90		
Misc. material	3.50			Tractor, tillage eqmt., chopper — on ½ cost (\$82.50)	4.95		
County taxes	22.00			Truck or pickup (used) — on ½ cost (\$20)	1.20		
Office, car, etc. (5% of cash cost)	10.27			Duster, gondolas, & misc. equipment — on ½ cost (\$25)	1.50		
Repairs, except field power	4.00			Land @ \$1,000	60.00		
Total Preharvest Cash & Labor Cost	\$120.98	\$ 24.19	\$	Total Interest on Investment	\$ 93.51	\$ 18.70	
HARVESTING COST				TOTAL COST OF PRODUCTION — 5-ton yield ¹	\$357.85	\$ 71.57	
Picking — @ \$13.50/ton	\$ 67.50	\$ 13.50		TOTAL COST AT VARYING YIELDS			
Supervision — 4 M-hr	7.00	1.40		3 ton (With same cultural &	\$320.01	\$106.67	
Move gondolas & misc. — 2 M-hr, 0.5 TR-hr, & 0.5 TK-hr	5.13	1.03		4 ton overhead cost/acre &	338.94	84.74	
Haul to winery — @ \$3/ton	15.00	3.00		6 ton harvesting cost/ton)	376.80	62.80	
Total Harvesting Cash Cost	\$ 94.63	\$ 18.93		8 ton	414.66	51.83	
Total Cash & Labor Cost	\$215.61	\$ 43.12					

Based on a 40-acre vineyard with a yield of 5 tons/acre. Man labor @ \$1.55 and \$1.75 /hour (includes compensation insurance and Social Security, but no allowance for housing or other benefits). Tractor cash cost/hour @ \$1.25, truck @ \$2.

¹ Does not include any cost for management. This is sometimes calculated at 5% of the gross income.

Grapes

ABOUT THIS SHEET

This is a companion sheet to AXT-157, Vineyard Establishment Costs for Head-Pruned Varieties. However, this sheet uses an averages of 600 vines per acre for the older vineyards represented, whereas the number of vines for a newly planted vineyard of this type is shown at 413. Data sheets on establishment and production costs for irrigated, cane-pruned, premium wine varieties also are available. 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 good management practices. They do not represent industry averages.

YIELD – The yield of 5 tons per acre is above average for the area, but is below that attained in some vineyards. This figure is typical of an attainable annual average for the better vineyards which follow the recommended cultural practices included in costs.

IRRIGATION – The added investment for sprinkler irrigation facilities might be about \$240 per acre. Annual costs covering depreciation and interest on the system, plus power and labor cost, probably would run from \$30 to \$35 an acre a year.

DEER FENCING – In some vineyards, permanent fencing may be an added cost. Overhead and maintenance costs might be from \$5 to \$7 an acre annually.

FROST PROTECTION – Frost protection facilities would be an added cost.

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