

## WINE GRAPES

Table 14. A Standard of Labor, Material, and other Costs for Producing Wine Grapes in the Coast Counties without Irrigation, with a Yield of 2 Tons per Acre.

	Man	Horse	1½ Ton	Cost per Acre	Cost per T.
	Labor	Labor	Truck		
			Hours per Acre	Dollars	
Pruning	16			4.80	
Brush Disposal	2	2		.80	
Suckering	1			.30	
Sulfuring 2 times	2			.60	
Cultivation	9	18		4.50	
Miscellaneous	2	2	1	2.30	
<b>Total Cultural Labor Cost</b>	<b>32</b>	<b>22</b>	<b>1</b>	<b>13.30</b>	<b>6.65</b>
Picking	20			6.00	3.00
Hauling to Winery	2	2	1	2.30	1.15
<b>Total Labor Cost</b>	<b>54</b>	<b>24</b>	<b>2</b>	<b>21.60</b>	<b>10.80</b>
Sulfur Dust				.50	
Miscellaneous				.50	
<b>Total Material Cost</b>				<b>1.00</b>	<b>.50</b>
General Expense, 5% of above				1.13	
County Taxes \$100 Value @ 2.50				2.50	
Machinery Repairs				.50	
Compensation Insurance				.32	
<b>Total Cash Overhead Costs</b>				<b>4.45</b>	<b>2.23</b>
<b>Total Cash Costs</b>				<b>27.05</b>	<b>13.53</b>
	Original Cost	Average Invest- ment	5% Interest on Inv.	Deprec- iation	
	Dollars per Acre				
Vines	200.00	100.00	5.00	5.00	
Buildings	6.00	3.00	.15	.15	
Tillage Tools	6.00	3.00	.15	.30	
Miscellaneous	2.00	1.00	.05	.20	
Land	100.00	100.00	5.00		
<b>Total Investment</b>	<b>314.00</b>	<b>207.00</b>			
<b>Total Depreciation</b>				<b>5.65</b>	<b>2.82</b>
<b>Total Cash &amp; Depreciation Costs</b>				<b>32.70</b>	<b>16.35</b>
<b>Total Interest on Investment</b>			<b>10.35</b>		<b>5.18</b>
<b>Total all Costs</b>				<b>43.05</b>	<b>21.53</b>

The above costs are computed for an economically managed vineyard of about 60 acres. Labor costs are computed at the following rates per hour; man labor \$0.30, horse work \$0.10, 1½ Ton truck \$1.50.

Table 15. A Standard of Costs per Acre and per Ton of Wine Grapes for Vineyards with Varying Yields

Yield -tons per acre	Non-irrigated vineyards						Irrigated vineyards				
	1	1.5	2	2.5	3	4	4	5	6	7	8
	Dollars per acre										
Cultural labor cost	12.00	12.75	13.30	14.10	15.00	16.00	22.00	23.00	24.00	25.00	26.00
Harvesting cost per acre	5.00	6.75	8.30	10.25	12.15	16.00	16.00	20.00	23.50	27.00	30.00
Total labor cost	17.00	19.50	21.60	24.35	27.15	32.00	38.00	43.00	47.50	52.00	56.00
Material cost	1.00	1.00	1.00	1.20	1.35	1.50	12.00	13.00	14.00	15.00	16.00
Cash-overhead cost	3.50	4.00	4.45	4.80	5.05	5.25	9.00	9.50	10.00	10.25	10.40
Total cash costs	21.50	24.50	27.05	30.35	33.55	38.75	59.00	65.50	71.50	77.25	82.40
Depreciation	5.35	5.50	5.65	5.75	5.90	6.00	8.50	8.75	9.00	9.25	9.50
Total cash and depreciation	26.85	30.00	32.70	36.10	39.45	44.75	67.50	74.25	80.50	86.50	91.90
Interest on investment	10.00	10.20	10.35	11.00	12.00	13.00	16.00	17.00	18.00	19.00	20.00
Total all costs per acre	36.85	40.20	43.05	47.10	51.45	57.75	83.50	91.25	98.50	105.50	111.90
	Dollars per ton										
Cash costs per ton	21.50	16.33	13.53	12.14	11.18	9.68	14.75	13.10	11.92	11.04	10.30
Cash costs and depreciation	26.85	20.00	16.35	14.44	13.15	11.18	16.88	14.85	13.42	12.36	11.49
Total all costs per ton	36.85	26.80	21.53	18.84	17.15	14.43	20.88	18.25	16.42	15.07	13.99

The above table shows the great influence of yield on cost of production of wine grapes per ton. Costs per acre and per ton are calculated at about the level of cost which would prevail in vineyards with different average annual yields. The first six columns show costs for unirrigated vineyards typical of the central coast counties. The total cost per ton is shown to vary from a high of \$36.85 with a yield of 1 ton per acre to a low of \$14.43 where a yield of 4 tons is obtained. The last 5 columns show costs in irrigated vineyards typical of the Sacramento and San Joaquin valleys. In addition to irrigation as an added cost, vine hopper control is provided for. Land values and taxes are also higher, being comparable with the costs per acre shown for table grapes in table 5.