

Table 13. A Standard of Labor and Material and Other Costs for the Production of Raisins in the San Joaquin Valley with a yield of 2 tons of raisins per acre.

	Man	Horse	1½-ton	Cost	Cost
	labor	labor	truck	per acre	per ton
	Hours per acre			Dollars	
Pruning	18			5.40	
Brush disposal	4	4		1.60	
Tying	4			1.20	
Planting covercrop	1			.30	
Suckering	2			.60	
Sulfuring	1		.5	.85	
Dusting for leaf hopper	1		.5	.85	
Cultivate and furrow	11	22		5.50	
Irrigate	18			5.40	
Miscellaneous other work	4	2	1.0	2.50	
<b>Total cultural labor</b>	<b>64</b>	<b>28</b>	<b>2.0</b>	<b>24.20</b>	<b>12.10</b>
Picking 700 trays, 20# fresh, 5.7# dry	62	2		18.80	9.40
Turning and rolling	18			5.40	2.70
Boxing and hauling out	8	8		3.20	1.60
Hauling to market	2		2.0	2.80	1.40
<b>Total labor cost</b>	<b>154</b>	<b>38</b>	<b>4.0</b>	<b>54.40</b>	<b>27.20</b>
Water or power for pumping 30"				7.50	
Covercrop seed				1.20	
Sulfur 40 lbs. @ 4¢				1.60	
Cyanide or other dust for leaf hopper control				3.50	
Paper trays, 700 @ \$4.00 per thousand				2.80	
Miscellaneous, twine, etc.				1.25	
<b>Total material cost</b>				<b>17.85</b>	<b>8.93</b>
General expense, 5% of all above costs				3.61	
County taxes, \$175 value @ 2½%				4.25	
Machinery repairs				1.00	
Compensation insurance				.80	
<b>Total cash-overhead costs</b>				<b>9.66</b>	<b>4.83</b>
<b>Total cash costs</b>				<b>81.91</b>	<b>40.96</b>
Investment and investment overhead	Original cost	Average value	5% interest	Depreciation	
	Dollars per acre				
Vines and trellises	200.00	100.00	5.00	5.00	
Buildings	10.00	5.00	.25	.25	
Irrigation system	60.00	30.00	1.50	2.50	
Tillage tools	10.00	5.00	.25	.75	
Small tools and misc.	4.00	2.00	.10	.40	
Land	200.00	200.00	10.00		
<b>Total investment</b>	<b>484.00</b>	<b>342.00</b>			
<b>Total depreciation</b>				<b>8.90</b>	
<b>Total cash and depreciation costs</b>				<b>90.81</b>	<b>45.41</b>
<b>Total interest on investment</b>			<b>17.10</b>	<b>17.10</b>	<b>8.55</b>
<b>Total all costs</b>				<b>107.91</b>	<b>53.96</b>

The above costs are computed for a well-managed raisin grape vineyard. Overhead costs and rates for horses and trucks are about as they would occur on a 40-acre farm. Labor costs are computed at the following rates per hour: man labor, \$0.30; horse work, \$0.10; and 1½-ton truck, \$1.10.

The cost per ton with a 2-ton yield of raisins would be about \$54. If yield were 1 ton, cost would be \$90 a ton. With a 1.5-ton production of raisins per acre, cost per ton would be \$65.