

Table 11. A Standard of Labor, Material, and Other Costs for the Production of Cherries in San Joaquin County with a Yield of 6,000 Pounds per Acre

	Man	12 h.p.	1½-ton	Cost	Cost
	labor	tractor	truck	per acre	per cwt.
	Hours per acre			Dollars	
Pruning	8.0			2.40	
Brush disposal	2.0		1.0	1.60	
Plant covercrop	1.0			.30	
Fertilizing	3.0		3.0	3.90	
Spraying for brown rot and gummosis	9.0	3.0		5.70	
Dusting for brown rot and insects	1.2		.6	.96	
Disease treatment	2.0			.60	
Cultivate and check or furrow	7.5	7.5		9.75	
Irrigate 4 times	20.0			6.00	
Misc. (replant, topwork, etc.)	3.0			.90	
Subtotal, cultural labor	56.7	10.5	4.6	32.11	.54
Picking	400.0			120.00	2.00
Hauling out	3.8		1.9	3.00	.05
Hauling to market	6.0		6.0	7.30	.13
Other harvesting costs	2.0			.60	.01
Total labor	468.5	10.5	12.5	163.51	2.73
Irrigation water or power for pumping				8.00	
Covercrop seed				1.50	
Fertilizer (10 T. manure every 2 yr. at \$1.50) av. 5 T. per yr. at \$1.50				7.50	
Spray material (500 gal. 5-5-50 = \$3.25) (100 gal. 8-8-50 in 2 yr. = \$5.2)				3.77	
Dust material (4 sulfurings in 2 yr. = av. 70 lbs. = \$2.87) (insects, 1 dust in 2 yr. av. \$1.58)				4.45	
Disease treatment material				.25	
Miscellaneous materials				1.00	
Total material cost				26.47	.44
General expense				9.50	
Taxes				4.50	
Machinery repairs				2.00	
Compensation insurance				3.00	
Other cash costs				1.00	
Total cash-overhead cost				20.00	.33
Total cash costs				209.98	3.50
	Original cost	Average investment	5% interest	Depreciation	
	Dollars per acre				
Trees	450.00	225.00	11.25	18.00	
General improvements	20.00	10.00	.50	1.00	
Irrigation system	100.00	50.00	2.50	4.00	
Tillage equipment	8.00	4.00	.20	.80	
Spray and dust equipment	20.00	10.00	.50	1.40	
Bracing and props	3.00	1.50	.07	.60	
Harvesting equipment	10.00	5.00	.25	1.50	
Miscellaneous	5.00	2.50	.13	.50	
Land	250.00	250.00	12.50		
Total investment	866.00	558.00			
Total depreciation				27.80	.46
Subtotal, cash and depreciation costs				237.78	3.96
Total interest on investment			27.90	27.90	.47
Total all costs				265.68	4.43

The above costs are computed for a 20-acre orchard with labor rates per hour as follows: man labor, \$0.30; 12-drawbar horsepower tractor, \$1.00; and truck, \$1.00.