

CLINGSTONE PEACHES

Table 21. A Standard of Labor, Material, and Other Costs for Producing Clingstone Peaches in the Sacramento Valley, with an assumed yield of 10 tons per acre.

	Man	12 h.p.	1½-ton	Cost	Cost
	labor	tractor	truck	per acre	per ton
			Hours per acre	Dollars	
Pruning	45			13.50	
Brush disposal	4		2	3.30	
Planting covercrop	1			.30	
Fertilizing	2		1	1.65	
Spray twice	9	3		5.70	
Cultivate and check or furrow	7	7		9.10	
Irrigate 5 times	20			6.00	
Miscellaneous	4	1	1	3.25	
Subtotal, cultural labor	92	11	4	42.80	4.28
Thinning	90			27.00	2.70
Bracing and propping	3		1	1.95	.20
Picking 10 tons	100			30.00	3.00
Hauling 10 tons	8		8	10.80	1.08
Total labor	293	11	13	112.55	11.26
Irrigation water or power for pumping 24"				6.00	
Covercrop seed				2.00	
Fertilizer, 400 lbs. com'l. @ \$1.87 cwt. (90 lbs. nitrogen)				7.50	
Spray material, 1 Bordeaux, 1 L.S., and lead				6.50	
Miscellaneous materials				1.00	
Total material cost				23.00	2.30
Cash-overhead costs				6.78	
County taxes				5.00	
Machinery repairs				1.00	
Compensation insurance				1.30	
Total cash-overhead cost				14.08	1.41
Total cash costs				149.63	14.97
Investment and investment overhead	Original cost	Average investment	5% interest	Av. an. depreciation	
	Dollars per acre				
Trees	400.00	200.00	10.00	20.00	
Building	10.00	5.00	.25	.25	
Irrigation plant	60.00	30.00	1.50	3.00	
Tillage equipment	8.00	4.00	.20	.75	
Spraying equipment	25.00	12.50	.63	1.35	
Bracing and props	20.00	10.00	.50	1.00	
Harvesting equipment	4.00	2.00	.10	.40	
Miscellaneous equipment	2.00	1.00	.05	.40	
Land	200.00	200.00	10.00		
Total investment	729.00	464.50			
Total depreciation				27.15	27.15
Subtotal, cash and depreciation costs				176.78	17.68
Total interest on investment			23.23	23.23	2.32
Total all costs				200.01	20.00

The above table shows the costs most usually incurred in the mature peach orchard. Two sprays are provided for, although a third might be needed. Orchard heating is not provided for. Investment-overhead and costs per hour for truck and tractor are based on a 20-acre orchard.

Labor costs are computed at the following rates per hour: man labor, \$0.30; 12-drawbar horsepower tractor, \$1.00; 1½-ton truck, \$1.05.

Table 22. Costs of Production of Clingstone Peaches in orchards having different average annual yields.

Yield - Tons per Acre	2	4	6	8	10	12	14	16	18	20
	Dollars per Acre									
Cultural Labor Cost	30.00	33.20	36.40	39.60	42.80	44.00	45.00	46.00	47.00	48.00
Thinning, Harvesting, etc.	16.00	30.00	44.00	57.00	69.75	83.00	95.00	108.00	120.00	130.00
Total Labor Cost	46.00	63.20	80.40	96.60	112.55	127.00	140.00	154.00	167.00	178.00
Total Material Cost	12.00	15.00	18.00	21.00	23.00	24.00	25.00	26.00	27.00	28.00
Cash Overhead Cost	7.00	8.50	10.00	12.00	14.08	15.50	16.90	18.30	20.00	22.00
Total Cash Costs	65.00	86.70	108.40	129.60	149.63	166.50	181.90	198.30	214.00	228.00
Depreciation	25.00	25.50	26.00	26.50	27.15	27.50	27.75	28.00	28.25	28.50
Total Cash & Depreciation	90.00	112.20	134.40	156.10	176.78	194.00	209.65	226.30	242.25	256.50
Interest on Investment at 5%	17.00	18.50	20.00	21.60	23.23	25.00	27.00	28.50	29.50	30.00
Total all Costs per Acre	107.00	130.70	154.40	177.70	200.01	219.00	236.65	254.80	271.75	286.50
	Dollars per Ton									
Cash Costs	32.50	21.67	18.07	16.20	14.96	13.87	12.99	12.39	11.89	11.40
Cash and Depreciation Costs	45.00	28.05	22.40	19.51	17.68	16.17	14.97	14.14	13.46	12.83
Total cost of Production	53.50	32.68	25.73	22.21	20.00	18.25	16.90	15.93	15.10	14.33

The above table shows the probable costs both per acre and per ton for orchards having an average annual as shown. The average annual yield rather classifies an orchard as to production hazards and limitations. Low yielding orchards have smaller trees and lower costs and are usually found on less valuable land. Thus, the costs shown above are typical of orchards having those average annual yields over a period of at least 5 years. They are not, however, typical of an orchard for a certain yield in a single year, if that yield is above or below the usual or average yield for that orchard. All orchards above are assumed to be irrigated to varying extents but heating is not provided for in any case.