

Table 27. Standard Labor, Material and Other Costs for the Production of Walnuts in Southern California, with a Yield of 1500 Pounds of Orchard Run Walnuts per Acre.

	Man Labor	12 dbhp Tractor	1½ Ton Truck	Cost per Acre	Cost per Cwt
	Hours per Acre			Dollars	
Pruning	5.0			1.50	
Brush Disposal	1.0		.5	.93	
Planting Cover Crop	1.0			.30	
Dusting or Spraying	Contract			2.50	
Disease Control and Surgery	3.0			.90	
Cultivation and Furlowing	6.0	6.0		6.90	
Irrigation 3 or 4 times	12.0			3.60	
Miscellaneous	3.0		.5	1.52	
Total Cultural Labor	31.0	6.0	1.0	18.15	1.21
Tower Work, Knocking, etc.	6.0	2.0		3.50	.23
Picking 1500 lb.	50.0			15.00	1.00
Hauling out, hulling, dehydrating	10.0		1.0	4.25	.29
Hauling to packing house	.5		.5	.78	.05
Total Labor Cost	97.5	8.0	2.5	41.68	2.78
Irrigation Water, 20 acre inches @ \$.60				12.00	
Covercrop seed				1.00	
Dust or Spray Material				4.00	
Fuel and Power for Hulling and Dehydrating				2.50	
Miscellaneous				.50	
Total Material Cost				20.00	1.33
General Expense, 5% of above Costs				3.08	
County Taxes on Orchard and Equipment				13.00	
Repairs to Machinery and Equipment				1.00	
Insurance, Compensation and Fire				.75	
Total Cash Overhead Cost				17.83	1.19
Total Cash Costs				79.51	5.30
Investment and Investment Overhead	Original Cost	Average Investment	5% Interest	Depreciation	
	Dollars per Acre				
Trees	480.00	240.00	12.00	12.00	
Building for Eqt.	15.00	7.50	.38	.38	
Irrigation System	50.00	25.00	1.25	2.00	
Tillage Tools	8.00	4.00	.20	.80	
Harvesting Eqt. and Dehyd.	50.00	25.00	1.25	2.00	
Miscellaneous	2.00	1.00	.05	.20	
Land	500.00	500.00	25.00		
Total Investment	1105.00	602.50			
Total Depreciation				17.38	1.16
Total Cash and Depreciation Costs				96.89	6.46
Total Interest on Investment			40.13	40.13	2.68
Total all Costs				137.02	9.14

The above table present costs as they are likely to occur in mature walnut orchards in Southern California, from Santa Barbara southeast to Orange and Riverside counties. This is the major walnut producing area of the state. Costs are assumed as they would appear in a large orchard such as 40 acres. Labor costs are computed at the following rates per hour: Man labor \$0.30; 12 drawbar horsepower tractor, \$0.85; and the 1.5-Ton truck, \$1.25.