

PEARS

Table 23. A Standard of Labor, Material and Other Costs of Producing Bartlett Pears in Mendocino and nearby Counties. Assumed Yield 10 Tons per Acre, Mature Trees, 108 per Acre.

	Man	Horse	12 dbhp	1½ Ton	Cost per Acre	Cost per Ton
	Labor	Work	Tractor	Truck		
Hours per Acre					Dollars	
Pruning 108 Trees @ ½ hr.	54				16.20	
Brush Disposal, Large Limbs	1	1			.45	
Planting Cover Crop by Hand	1				.30	
Haul and Apply Fertilizer	3			3	3.90	
Blight Control	15	2			4.80	
Spray 6 Times	24	24			10.80	
Cultivate and Furrow	5		5		7.00	
Irrigate 3 Times	15				4.50	
Miscellaneous, Bracing, etc.	8				2.40	
Total Cultural Labor	126	27	5	3	50.35	5.04
Propping, Tying, Haul Props	3	2			1.20	.12
Picking at 10 hr. per Ton	100				30.00	3.00
Hauling	12			8	11.60	1.16
Total Labor	241	29	5	11	93.15	9.32
Irrigation Water or Power for Pumping 20"					5.00	
Fertilizer, 3 Tons Manure @ \$1.50					4.50	
Cover Crop Seed, 30 lb. Barley @ 1¢, 20 lb. Vetch @ 5¢					1.30	
Dormant Spray Material, Lime-Sulfur and Oil					3.06	
Bordeaux Mixture for 3 Scab Sprays (1 with lead)					3.00	
Lead Arsenate for 3 Sprays					4.88	
Miscellaneous Materials					2.00	
Total Material Cost					23.74	2.37
General Expense, 5% of Total Labor and Material					5.84	
County Taxes, on \$200 assessed Value at 3%					6.00	
Machinery and Equipment Repairs					1.50	
Compensation Insurance					2.00	
Total Cash Overhead Cost					15.34	1.53
Total Cash Costs					132.23	13.22
Investment and Investment Overhead	Original Cost	Average Investment	5% In- terest on Inv.	Depre- ciation		
	Dollars per Acre					
Trees	400.00	200.00	10.00	10.00		
Building	15.00	7.50	.37	.40		
Irrigation System & Pipe	94.50	47.25	2.36	5.45		
Tillage Tools	20.00	10.00	.50	1.50		
Spraying Equipment	30.00	15.00	.75	1.50		
Props and Bracing	19.00	9.50	.48	.95		
Ladders, Lug boxes and Miscel	19.10	9.55	.48	4.00		
Land	200.00	200.00	10.00			
Total Investment	797.60	498.80				
Total Depreciation				23.80	23.80	2.38
Total Cash and Depreciation					156.03	15.60
Interest on Investment			24.94		24.94	2.50
Total All Costs					180.97	18.10

The above costs are based upon an orchard unit of about 20 acres. Labor and field power costs are assumed to be available at the following rates per hour: Man labor, \$0.30; Horse work \$0.15; 12 drawbar horsepower tractor \$1.10; and the 1½-ton truck, \$1.00.