

Pears - Tehachapi Area of Kern County 1967

Cost Analysis Work Sheet

Sample costs to produce pears at Tehachapi. Costs are based on a mature orchard containing 217 trees per acre, planted 10' X 20', furrow irrigated. Total labor costs average \$1.75 per hour. Average annual yield is assumed to be 18 tons.

	Sample Costs		My Costs	
	Per Acre	Per Ton	Per Acre	Per Ton
Pre-harvest Cash Costs				
Prune: \$1.00 per tree	217.00			
Brush disposal: \$4.50 per acre	4.50			
Fertilize: Material	15.00			
Application	4.50			
Spray: Materials	65.00			
Application	28.00			
Furrow for irrigation	7.13			
Irrigate: Power Cost	48.00			
Labor	17.50			
Tillage	18.53			
Prop and tie: Remove props	35.00			
Frost protection	65.00			
Hand weeding and trimming	15.75			
Cover crop	2.75			
Taxes: inc. 47¢ irrigation district tax	25.00			
Repairs: except tractor	20.50			
Misc. labor and materials	12.00			
Office, car, business expense	37.87			
Management	30.00			
Total Pre-harvest Cash Costs	669.03	37.17		
Harvesting Costs				
Pick and haul out at \$19.00 ton	342.00			
Total Harvesting Costs	342.00	19.00		
Total Cash Costs	1011.03	56.17		
Depreciation				
Irrigation system and well \$175.00 20 yrs.	8.75			
Pump and panel: \$150.00 8 yrs.	18.75			
Tractor: 12 hrs. at 80¢	9.60			
Buildings: other equipment \$460.00 10 yrs.	46.00			
Trees: \$2900.00 40 yrs.	72.50			
Total Depreciation	155.60	8.64		
Interest on investment at 7%				
Irrigation system and well: ½ cost \$87.50	6.13			
Pump and panel: ½ cost \$75.00	5.25			
Tractor: 12 hrs. at 40¢	4.80			
Bldgs. other equipment ½ cost \$230.00	16.10			
Land: \$700.00	49.00			
Trees: ½ cost \$1450.00	101.50			
Total Interest on Investment	182.78	10.16		
Total Cost of Production	1349.41	74.97		

* Per \$100 valuation

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Sample Costs of Production at Varying Yields

Yield: Tons Per Acre	12	15	18	21	24	27
Cash Cost of Production Per Ton	74.75	63.60	56.17	50.86	46.88	43.78
Total Cost of Production Per Ton	102.95	86.16	74.97	66.97	60.98	56.31

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ABOUT THESE COST DATA

The costs of production in any agricultural enterprise will vary considerably from ranch to ranch. The input and cost data in this booklet are sample costs. They are intended to be used only as educational guides in assisting you to appraise and plan your own crop and livestock program.

These cost data do not represent industry averages.

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