

**CARDINAL PEACHES FOR FRESH SHIPMENT**  
 (matures in early June)  
**COST ANALYSIS WORK SHEET**

Sample costs to produce Cardinal peaches in Kern County for fresh shipment. Costs are for a mature orchard containing 108 trees per planted acre, producing 9 tons of fruit with 25% discarded as culls. Man labor at \$1.40 per hour total and equipment operator \$1.65. Medium wheel tractor per hour cash costs \$1.20, depreciation 65¢ and interest 25¢.

	Sample Costs		My Costs	
	Per Acre	Per Ton	Per Acre	Per Ton
<b>PRE-HARVEST CASH COSTS:</b>				
Pruning: 108 trees at 90¢	97.20			
Brush disposal: Contract	4.65			
2 man hrs. raking brush	2.80			
Fertilize: Material - 100 lbs. N	13.00			
Application - ½ hr. man and tractor	1.43			
Spray 3 times: Material	44.00			
Application	30.00			
Furrow 3 times: 1½ hrs. man and tractor	4.28			
Irrigate 7 times: Labor - 13 hrs.	18.20			
Water - power \$12 per ft.	54.00			
Disc 5 times: 7½ hrs. man and tractor	21.38			
Thin: 108 trees at \$1.10	118.80			
Tie: 2 hrs. labor	2.80			
Material	2.40			
Taxes	16.00			
Misc. labor, material, field power including 4 man hrs. and 1 tractor hr.	9.00			
Repairs to equipment except tractor	2.75			
Supervision	13.00			
Office, car, operating capital, insurance, etc.	28.50			
<b>TOTAL PRE-HARVEST CASH COSTS</b>	<b>484.19</b>	<b>53.80</b>		
<b>HARVESTING COSTS:</b>				
Pick 9 tons of fruit at \$26	234.00			
Roadside: 9 man hrs. and 4 tractor hrs.	18.40			
Misc.: 2 man hrs. and 1 tractor hr.	4.25			
<b>TOTAL HARVESTING COSTS</b>	<b>256.65</b>	<b>28.52</b>		
<b>TOTAL CASH COSTS</b>	<b>740.84</b>	<b>82.32</b>		
<b>DEPRECIATION:</b>				
Irrigation system: \$350, 17 yrs. life	20.59			
Tractor: 15½ hrs. at 65¢	10.08			
Buildings: \$40 cost, 20 year life	2.00			
Equipment except tractor: \$75, 10 yrs. life	7.50			
Trees: Cost \$975, 15 yrs. life	65.00			
<b>TOTAL DEPRECIATION</b>	<b>105.17</b>	<b>11.68</b>		
<b>INTEREST ON INVESTMENT AT 6%:</b>				
Irrigation system: ½ cost \$175	10.50			
Tractor: 15½ hrs. at 25¢	3.88			
Buildings: ½ cost \$20	1.20			
Equipment except tractor: ½ cost \$37.50	2.25			
Trees: ½ cost \$487.50	29.25			
Land: \$1200	72.00			
<b>TOTAL INTEREST ON INVESTMENT</b>	<b>119.08</b>	<b>13.23</b>		
<b>TOTAL COST OF PRODUCTION</b>	<b>965.09</b>	<b>107.23</b>		

(over)

500 lbs. culls per ton (25%)	no value
Net cost of 1500 lbs. merchantable fruit	107.23
Cash costs only of 22 lbs. (1 lug) merchantable fruit	1.21
Total net cost of 1 lug	1.57

SAMPLE COSTS AT VARYING YIELDS

Tons per acre	Average				
	6	7	8	9	10
Total cost of production per ton	147.85	130.44	117.39	107.23	99.11
Cash costs <u>only</u> 1 lug	1.62	1.44	1.31	1.21	1.12
Total costs per 22 lb. lug	2.17	1.91	1.72	1.57	1.45
Packed lugs per acre	409	477	545	613	681

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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.*