

as had

HALFORD PEACHES FOR CANNING

(A clingstone variety maturing in late August)

Cost Analysis Work Sheet

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Farm Advisors

Sample costs to produce Halford peaches in Fresno County for canning. Costs are for a mature orchard containing 108 trees per planted acre, producing 15 tons of fruit for cannery use. Man labor \$1.50 per hour total, and equipment operator \$1.70. Medium wheel tractor per hour cash costs \$1.15, depreciation 50¢ and interest 24¢.

	<u>Sample Costs</u>		<u>My Costs</u>	
	<u>Per Acre</u>	<u>Per Ton</u>	<u>Per Acre</u>	<u>Per Ton</u>
PRE-HARVEST CASH COSTS				
Pruning: 108 trees at 75¢	\$ 81.00			
Brush disposal: contract \$4.50	4.50			
3 man hrs. raking brush	4.50			
Fertilize: 120 lbs. N at 15¢	18.00			
½ hr. man and tractor	1.43			
Spray 3 times: materials	39.60			
application: 2¢ gallon	30.00			
Furrow 3 times: 1½ hrs. man and tractor	4.28			
Irrigate 7 times: labor 13 hrs.	19.50			
3½ ft. water: power \$4.00 ac. ft.	14.00			
Disc 5 times: 7½ hrs. man and tractor	21.38			
Thin: 108 trees at \$1.10	118.80			
Prop and tie: labor 6 man hrs.	9.00			
materials	4.00			
Plant covercrop: 60 lbs. barley	2.40			
½ hr. man and tractor	1.43			
Taxes	24.00			
Misc. labor, materials, field power: includes 4 man hrs. and 1 tractor hr.	9.50			
Repairs to equipment except tractor	6.50			
Office, car, operating capital, insurance, etc.	37.60			
Total Pre-Harvest Cash Costs	451.42	30.09		
HARVESTING COSTS:				
Pick: 15 tons at \$12.00	180.00			
Roadside: 1.75 per ton	26.25			
Misc. 4 man hrs. and 1 tractor hr.	7.35			
Total Harvesting Costs	213.60	14.24		
TOTAL CASH COSTS	665.02	44.33		
DEPRECIATION:				
Irrigation system and well: \$240 cost 25 yr. life	9.60			
Bldgs. and equipment except tractor: \$120 cost 15 yr. life	8.00			
Tractor: 12 hrs. at 50¢	6.00			
Trees: cost \$1040 20 yr. life	52.00			
Total Depreciation	75.60	5.04		
INTEREST ON INVESTMENT AT 6%:				
Irrigation system and well: ½ cost \$120	7.20			
Bldgs. and equipment except tractor: ½ cost \$60	3.60			
Tractor: 12 hrs at 24¢	2.88			
Trees: ½ cost \$520	31.20			
Land: \$900	54.00			
Total Interest on Investment	98.88	6.59		
TOTAL COST OF PRODUCTION	839.50	55.96		

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This work sheet was developed to show sample costs for a moderate yield, mature orchard under Fresno County conditions. These costs will be useful as a guide when a specific orchard planting is under consideration.

When using this work sheet it is important to consider the following:

1. Seasonal variations influence fruit set and quality. Consequently differences in thinning, pest control and cullage will occur.
2. These sample costs are based on 10 acre fruit operation and larger.
3. No account is taken for partial or complete crop loss due to frost, rain, labor problems, etc.
4. No allowance is made for cost of management.
5. Interest and depreciation costs are based on the present costs of establishing an orchard. Present bearing orchards may have been established at a lower cost.
6. These costs are based on total crop. Green drop regulations can increase per ton costs though total per acre costs are reduced. This factor will change from season to season. Tree credits, etc. must also be considered.

Sample Costs of Production at Varying Yields

Yield: Tons per acre	11	13	<u>Average</u> 15	17	19	<u>Exceptional</u> 21	23
Cash cost of production per ton	56.09	49.31	44.33	40.53	37.53	35.10	33.09
Total cost of production per ton	71.95	62.73	55.96	50.79	46.71	43.41	40.65

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