

HALFORD PEACHES FOR CANNING

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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 the harvested crop. Green drop regulations usually change from one season to the next. The range is often between 10% and 25% of the crop. Tree credits and cannery diversions of crop are other factors that vary considerably from season to season.

Sample Costs of Production at Varying Yields of #1 Fruit

Yield: Tons per acre	11	Average			Exceptional		
		13	15	17	19	21	23
Cash cost of production per ton	\$65.65	\$58.09	\$52.54	\$48.48	\$45.12	\$42.39	\$40.20
Total cost of production per ton	\$84.07	\$73.67	\$66.05	\$60.40	\$55.78	\$52.03	\$49.00

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December 31, 1970

HALFORD PEACHES FOR CANNING
(A clingstone variety maturing in late August)

Cost Analysis Work Sheet

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Sample costs to produce Halford peaches in Fresno County for canning. Costs are for a mature orchard containing 108 trees per planted acre, producing 13 tons of fruit for cannery use. Man labor \$2.00 per hour total, and equipment operator \$2.20. Medium wheel tractor per hour cash costs \$1.40, depreciation 60¢ and interest 30¢. Green drop is assumed to be 25%, and approximately 10% of harvested fruit graded as culls.

	Sample Costs		My Costs	
	Per Acre	Per Ton	Per Acre	Per Ton #1 fruit
PRE-HARVEST CASH COSTS:				
Pruning: 108 trees at \$1.00	108.00			
Brush disposal: contract \$6.00	6.00			
3 man hrs. raking brush	6.00			
* Fertilize: 125 lbs. N at 12¢	15.00			
½ hr. man & tractor	1.80			
* Spray 3 times: materials	48.62			
application: .175 gallon	24.50			
Furrow 3 times: 1½ hrs. man & tractor	5.40			
Irrigate 7 times: labor 13 hrs.	26.00			
* 3½ ft. water: power \$4.00 ac. ft.	14.00			
Disc 5 times: 7½ hrs. man & tractor	27.00			
Thin: 81 trees at \$1.15	93.15			
Green drop 27 trees at 50¢	13.50			
Prop & tie: labor 6 man hrs.	12.00			
* materials	4.00			
* Plant covercrop: 60 lbs. barley	2.40			
½ hr. man & tractor	1.80			
* Taxes	28.00			
* Marketing order \$2.25 per ton #1 fruit	29.25			
Misc. labor, materials, field power: includes 4 man hrs. & 1 tractor hr.	11.60			
* Repairs to equipment except tractor	8.00			
* Office, car, operating capital, insurance, association costs, etc.	45.00			
Total Pre-Harvest Cash Costs	531.02	40.85		
HARVESTING COSTS:				
Pick: 14.3 tons at \$13.00	185.90			
Roadside: \$2.00 per ton	28.60			
Misc. 4 man hrs. & 1 tractor hr.	9.60			
Total Harvesting Costs	224.10	17.24		
TOTAL CASH COSTS	755.12	58.09		
DEPRECIATION:				
Irrigation system & well: \$240 cost 25 yr. life	9.60			
Bldgs. & equip. except tractor: \$120 cost 15 yr. life	8.00			
Tractor: 12 hrs. at 60¢	7.20			
Trees: cost \$1160 20 yr. life	58.00			
Total Depreciation	82.80	6.37		
INTEREST ON INVESTMENT AT 7%:				
Irrigation system & well: ½ cost \$120	8.40			
Bldgs. & equip. except tractor: ½ cost \$60	4.20			
Tractor: 12 hrs. at 30¢	3.60			
Trees: ½ cost \$580	40.60			
Land: \$900	63.00			
Total Interest on Investment	119.80	9.21		
TOTAL COST OF PRODUCTION	957.72	73.67		

UC Cooperative Extension