

RED HAVEN PEACH PRODUCTION  
(matures in mid-June)

Cost Analysis Work Sheet

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This work sheet was developed to show sample costs for a good 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. Costs per two-layer lug are based on an average net weight of 22 lbs. Net weights may vary depending on count and maturity.

Sample Costs Per Ton At Varying Yields

Yield: Tons per acre	8	10	Average		Exceptional	
			12	14	16	18
Total cost of production per ton	136.68	115.55	101.42	91.33	83.82	77.92
Cash costs only: for 22 lbs. (1 lug)	1.44	1.23	1.09	.99	.92	.85
Total cost: per 22 lb. lug	1.78	1.50	1.32	1.19	1.09	1.00
Packed lugs per acre	618	773	927	1081	1237	1391

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December 31, 1970

RED HAVEN PEACHES FOR FRESH SHIPMENT  
(matures in mid-June)

Cost Analysis Work Sheet

Sample costs to produce Red Haven peaches in Fresno County for fresh shipment. Costs are for a mature orchard containing 108 trees per planted acre, producing 14½ tons of fruit, with approximately 15% discarded as culls. Man labor \$2.00 per hour total and tractor operator \$2.20. Medium wheel tractor per hour cash costs \$1.40, depreciation 60¢ and interest 30¢.

	<u>Sample Costs</u>		<u>My Costs</u>	
	<u>Per Acre</u>	<u>Per Ton</u>	<u>Per Acre</u>	<u>Per Ton</u>
<b>PRE-HARVEST CASH COSTS:</b>				
Pruning: 108 trees at \$1.10	118.80			
Brush disposal: contract \$6	6.00			
3 man hrs. raking brush	6.00			
Fertilize: 100 lbs. N at 12¢	12.00			
½ hr. man & tractor	1.80			
Spray 2 times: materials	39.30			
application: .175¢ per gallon	23.30			
Furrow 3 times: 1½ hrs. man & tractor	5.40			
Irrigate 7 times: labor 13 hrs.	26.00			
3½ ft. water: power & tax \$4 ac. ft.	14.00			
Disc 5 times: 7½ hrs. man & tractor	27.00			
Thin: 108 trees at \$1.75	189.00			
Prop & tie: labor 6 hrs.	12.00			
materials	4.00			
Plant covercrop: 60 lbs. barley	2.40			
½ hr. man & tractor	1.80			
Taxes	28.00			
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, etc.	60.65			
Total Pre-harvest Cash Costs	597.05	41.90		
<b>HARVESTING COSTS:</b>				
Pick: 1100 lugs (22 lbs.) at 40¢	440.00			
Roadside: 12 man hrs. & 6 tractor hrs.	33.60			
Misc.: 3 man hrs. & 1 tractor hr.	7.60			
Total Harvesting Costs	481.20	33.77		
<b>TOTAL CASH COSTS</b>	<b>1078.25</b>	<b>75.67</b>		
<b>DEPRECIATION:</b>				
Irrigation system & well: \$240 cost 25 yr. life	9.60			
Bldg. & equip. except tractor: \$120 cost 15 yr. life	8.00			
Tractor: 18 hrs. at 60¢	10.80			
Trees: Cost \$1160 20 yr. life	58.00			
Total Depreciation	86.40	6.06		
<b>INTEREST ON INVESTMENT AT 7%:</b>				
Irrigation system & well: ½ cost \$120	8.40			
Bldgs. & equip. except tractor: ½ cost \$60	4.20			
Tractor: 18 hrs. at 30¢	5.40			
Trees: ½ cost \$580	40.60			
Land: \$900	63.00			
Total Interest on Investment	121.60	8.53		
<b>TOTAL COST OF PRODUCTION</b>	<b>1286.25</b>	<b>90.26</b>		
300 lbs. culls per ton (15%)	no value			
Net cost of 1700 lbs. merchantable fruit	90.26			
Cash cost of 22 lbs. (1 lug) merchantable fruit	.98			
Net cost of 1 lug	1.17			