

FAY ELBERTA PEACHES FOR FRESH SHIPMENT  
(matures in late July)

Cost Analysis Work Sheet

Sample costs to produce Fay Elberta peaches in Fresno County for fresh shipment. Costs are for a mature orchard containing 108 trees per planted acre, producing 21 1/3 tons of fruit, with approximately 10% graded as culls. 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¢.

	Sample Costs		My Costs	
	Per Acre	Per Ton	Per Acre	Per Ton
<b>PRE-HARVEST CASH COSTS:</b>				
Pruning: 108 trees at \$1.10	118.80			
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 & tax \$4.00 ac. ft.	14.00			
Disc 5 times: 7½ hrs. man & tractor	27.00			
Thin: 108 trees at \$1.35	145.80			
Prop and 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.	59.58			
<b>Total Pre-harvest Cash Costs</b>	<b>566.30</b>	<b>26.55</b>		
<b>HARVESTING COSTS:</b>				
Pick: 1750 lugs (22 lbs.) at 25¢	437.50			
Roadside: 14 man hrs. & 7 tractor hrs.	39.20			
Misc. 4 man hrs. & 1 tractor hr.	9.60			
<b>Total Harvesting Costs</b>	<b>486.30</b>	<b>22.79</b>		
<b>TOTAL CASH COSTS</b>	<b>1052.60</b>	<b>49.34</b>		
<b>DEPRECIATION:</b>				
Irrigation system & well: \$240 cost 25 yr. life	9.60			
Bldgs. & equip. except tractor: \$120 cost 15 yr. life	8.00			
Tractor: 19 hrs. at 60¢	11.40			
Trees: cost \$1160 20 yr. life	58.00			
<b>Total Depreciation</b>	<b>87.00</b>	<b>4.08</b>		
<b>INTEREST ON INVESTMENT AT 7%:</b>				
Irrigation system & well: ½ cost \$120	8.40			
Bldgs. & equipment except tractor: ½ cost \$60	4.20			
Tractor: 19 hrs. at 30¢	5.70			
Trees: ½ cost \$580	40.60			
Land: \$900	63.00			
<b>Total Interest on Investment</b>	<b>121.90</b>	<b>5.71</b>		
<b>TOTAL COST OF PRODUCTION</b>	<b>1261.50</b>	<b>59.13</b>		
Credit for 200 lbs. culls (10%) per ton	1.00			
Net cost of 1800 lbs. merchantable fruit	58.13		UC Cooperative Extension	
Net cash cost of 22 lbs. (1 lug) merchantable fruit	.59			
Total cost of one 22 lbs. lug	.71			

FAY ELBERTA PEACH PRODUCTION

Cost Analysis Work Sheet

Marvin H. Gerdts and E. A. Yeary  
Farm Advisors

This work sheet was developed to show sample costs for an above average 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. Fruit packed in the California peach box would average about 18 lbs. per unit.

Sample Costs at Varying Yields

Yield: Tons per acre	12	14	<u>Average</u> 16	18	<u>Exceptional</u> 20	22	24
Total cost of production per ton	89.13	79.30	71.95	66.24	61.65	57.91	54.79
Cash costs only: for one 22 lb. lug	.86	.78	.71	.66	.61	.58	.55
Total cost per 22 lb. lug	1.08	.96	.87	.80	.74	.70	.66
Packed lugs per acre	982	1145	1309	1473	1636	1800	1964

\* \* \* \* \*

Farm & Home Advisors Office  
1720 S. Maple Avenue  
Fresno, California 93702

November 9, 1970

UC Cooperative Extension