

FAY ELBERTA PEACHES FOR FRESH SHIPMENT

Cost Analysis Work Sheet

Sample costs to produce Fay Elberta peaches for fresh shipment in Fresno County during 1961. Costs are for a mature orchard containing 108 trees per planted acre, producing 14 tons of fruit. Man labor at \$1.25 per hour total and equipment operator \$1.40.

	Sample Costs		My Costs	
	Per Acre	Per Ton	Per Acre	Per Ton
PRE-HARVEST CASH COSTS:				
Pruning - 108 trees at 85¢	\$ 91.80			
Brush disposal - contract \$4.00 per acre	4.00			
3 man hrs. raking brush	3.75			
Fertilize - 80 lbs. N at 15¢	12.00			
½ hr. man and tractor	1.20			
Spray 3 times - materials	34.44			
application @ 2¢ gallon	30.00			
Furrow 3 times - 1½ hr. man and tractor	3.60			
Irrigate 7 times - labor 13 hrs.	16.25			
3½ ft. of water	12.95			
Disc 5 times - 7½ hrs. man and tractor	18.00			
Thin 108 trees at 90¢	97.20			
Prop and tie - 6 hrs. labor	7.50			
materials	3.50			
Plant cover crop - 60 lbs. barley	2.10			
½ hr. man and tractor	1.20			
Taxes	16.50			
Misc. labor, materials, field power inc.				
4 man hrs. and 1 tractor hr.	8.10			
Repairs to equipment except tractor	1.60			
Office, car, operating capital, insurance, etc.	18.00			
Total Pre-Harvest Cash Costs	383.69	\$ 27.41		
HARVESTING COSTS:				
Pick 14 tons of fruit at \$15.00	210.00			
Roadside - 14 man hrs. and 7 tractor hrs.	25.55			
Misc. - 4 man hrs. and 1 tractor hr.	6.15			
Total Harvesting Costs	241.70	17.26		
TOTAL CASH AND LABOR COSTS	625.39	44.67		
DEPRECIATION:				
Irrigation system - cost \$90.00 20 yr. life	4.50			
Tractor - 19 hrs. at 41¢	7.79			
Bldgs. for equipment - cost \$20.00 20 yr. life	1.00			
Equipment except tractor - \$40.00 cost 10 yr. life	4.00			
Trees - cost \$714.00 20 yr. life	35.70			
Total Depreciation	52.99	3.79		
INTEREST ON INVESTMENT AT 6%:				
Land - \$800.00	48.00			
Irrigation system - ½ cost \$45.00	2.70			
Tractor - 19 hrs. at 19¢	3.61			
Equipment except tractor - ½ cost \$20.00	1.20			
Buildings for equipment - ½ cost \$10.00	.60			
Trees - ½ cost \$357.00	21.42			
Total Interest on Investment	77.51	5.54		
TOTAL COST OF PRODUCTION	755.89	54.00		

Credit for 200 lbs. culls from one ton of fruit = \$1.00
 Net Cost of 1800 lbs. merchantable fruit = \$53.00
 Net Cost of 22 lbs. merchantable fruit = 65¢
 Net cash costs only of 22 lbs. merchantable fruit = 53¢

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 1720 South Maple Avenue
 Fresno, California
 February 6, 1962

FAY ELBERTA PEACH PRODUCTION

Cost Analysis Worksheet

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This worksheet 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 worksheet 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.

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Sample Costs Per Ton at Varying Yields

Tons Per Acre	10	12	14	16	18
Total Cost of Production	68.92	60.18	54.00	49.26	45.62
Net Cost of 22 lbs. Merchantable Fruit	83¢	72¢	65¢	59¢	55¢