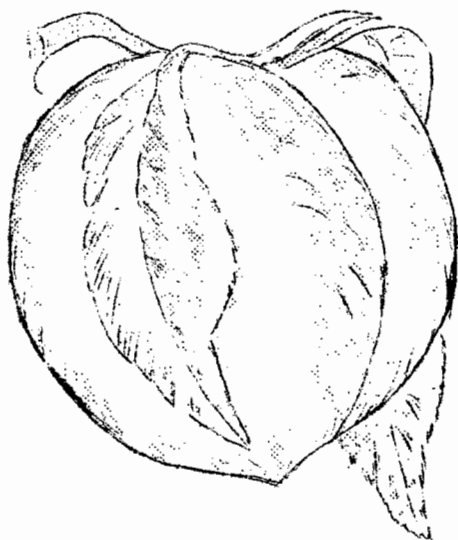


COST OF  
PRODUCTION  
OF  
FAY ELBERTA PEACHES  
IN  
MERCED COUNTY



University of California  
Agricultural Extension Service  
Merced County

## SAMPLE COSTS TO PRODUCE FAY ELBERTA PEACHES IN MERCED COUNTY - 1960

This sheet is mainly for use as a guide in determining what the production costs are for a specific orchard. It is designed to help growers analyze their costs and practices as a means of determining possible changes which would increase efficiency in their production.

The input and cost data shown are based on what is considered good management practices. The figures are not intended to represent industry averages.

### YIELD

The yield per acre used in this sample cost is considered an average over a period of years for a well-managed typical orchard. Yield is the most important factor affecting costs per ton and profit per acre.

### PEST AND DISEASE CONTROL

Dusting and spraying costs can vary considerably from year to year due to changes in conditions. Control measures required will also vary between orchards. The sample costs shown on this sheet are based upon average conditions.

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Merced County  
June - 1960

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**COST ANALYSIS WORK SHEET**

**SAMPLE COSTS TO PRODUCE FAY ELBERTA PEACHES IN MERCED COUNTY - 1960**

Based on a yield of 15 tons per acre for canning - Man labor at \$1.25 per hour; gas wheel tractor per hour cash cost \$1.00; depreciation 41¢, interest 19¢.

	<u>Sample Costs</u>		<u>Your 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: 109 trees @ 80¢	\$87.20			
Brush disposal: 2 men & tractor, 3/4 hr. plus discing	2.63			
Fertilize 2 X: 1 hr. man and tractor	2.25			
Material: 100 lbs. N @ 14¢	14.00			
Spray av. 3 1/2 times; 2 hrs. M & T, rig @ 2.50/hr	9.50			
Materials: - 1225 gallons	34.00			
Tillage & irrigation prep.: 6 hrs. M & T	13.50			
Irrigating: 6 times - 7 man hours	8.75			
Water: irrigation district tax	4.70			
Thinning: Av. annual cost \$1.00/tree	109.00			
Propping: 6 man and 2 tractor hours	9.50			
Misc. labor: 4 man and 1 tractor hour.	6.00			
Miscellaneous material	4.00			
County taxes	14.00			
Office, car, interest on operating capital, etc.	16.25			
Repairs, except tractor and spray rig	6.00			
<b>Total Pre-Harvest Cash and Labor Cost</b>	<b>\$341.28</b>	<b>\$22.75</b>		
<b>HARVESTING COSTS:</b>				
Picking for canning: - Cont: @ \$10.50 per ton	\$157.50	- \$10.50		
Haul out & place boxes: 16 M & 8 T hrs.	28.00	1.87		
Misc. Harvest: 4 man and 1 tractor hr.	6.00	.40		
<b>Total Harvesting Cash Cost</b>	<b>\$191.50</b>	<b>\$12.77</b>		
<b>Total Cash and Labor Cost</b>	<b>\$532.78</b>	<b>\$35.52</b>		
<b>DEPRECIATION COSTS:</b>				
Trees: Original cost \$560. - 20 yrs. life	\$ 28.00			
Irrigation facilities: \$100 cost	4.00			
Buildings: \$100 cost	4.00			
Equipment except tractor - \$360 cost	28.30			
Tractor: 21-3/4 hrs. @ 41¢	8.92			
<b>Total Depreciation Cost</b>	<b>\$ 73.22</b>	<b>\$ 4.88</b>		
<b>Total Cash and Depreciation Cost</b>	<b>\$606.00</b>	<b>\$40.40</b>		
<b>INTEREST ON INVESTMENT @ 6%:</b>				
Trees: on 1/2 cost (\$280)	\$ 16.80			
Irrigation facilities: on 1/2 cost (\$50)	3.00			
Buildings: on 1/2 cost (\$50)	3.00			
Equipment, except tractor: on 1/2 cost (\$180)	10.80			
Tractor: 21-3/4 hrs. @ 19¢	4.13			
Land (bare) at \$800	48.00			
<b>Total Interest on Investment</b>	<b>\$ 85.73</b>	<b>\$ 5.72</b>		
<b>TOTAL COST OF PRODUCTION</b>	<b>\$691.73</b>	<b>\$46.12</b>		

**COST PER TON AT VARYING YIELDS**

<u>Yield, tons per acre</u>	<u>8</u>	<u>12</u>	<u>16</u>	<u>20</u>
<b>Total Cost of Production</b>	<b>\$75.50</b>	<b>\$54.50</b>	<b>\$44.00</b>	<b>\$37.75</b>