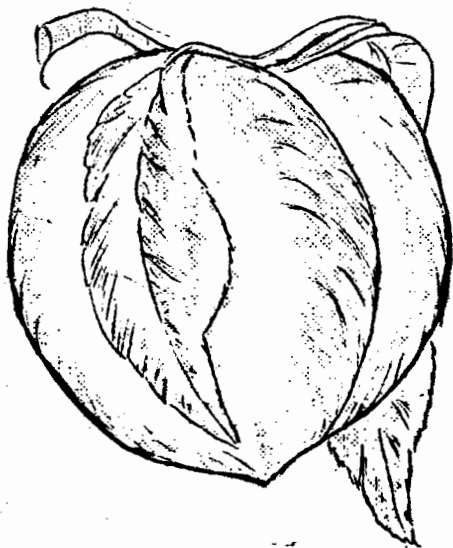


COST OF
PRODUCTION
OF
FAY ELBERTA PEACHES
IN
MERCED COUNTY



University of California,
Agricultural Extension Service
Merced County

COST ANALYSIS WORK SHEET

SAMPLE COSTS TO PRODUCE FAY ELBERTA PEACHES FOR CANNING IN MERCED COUNTY - 1965

Based on a yield of 17 tons per acre for canning - Man labor at \$1.65 per hour; medium wheel tractor per hour cash cost \$1.25; depreciation 70¢; interest 25¢.

	Sample Costs		Your Costs	
	Per Acre	Per Ton	Per Acre	Per Ton
PRE-HARVEST CASH COSTS:				
Pruning: 109 trees @ 70¢		\$76.30		
Brush disposal: 2 men & tractor, 1 hr.		4.55		
Fertilize 2 X: 3 man hours and 1 tractor hr.		6.20		
Material: 130 lbs. N @ 12¢		15.60		
Spray av. 3½ times; application @ 2¢/gal.		24.50		
Materials: - 1225 gallons		40.00		
Tillage & irrigation prep.: 6 hrs. M & T		17.40		
Irrigating: 6 times - 9 man hours		14.85		
Water: irrigation district tax		4.70		
Thinning: Av. annual cost 1.10/tree		119.90		
Prop & Wire Repair: 6 man and 2 tractor hrs.		12.40		
Misc. labor: 4 man and 1 tractor hour		7.85		
Miscellaneous material		5.00		
County taxes		24.00		
Office, car, interest on operating capital, etc.		30.50		
Repairs, except tractor		7.00		
Total Pre-Harvest Cash and Labor Cost		\$410.75	\$24.17	
HARVESTING COSTS:				
Picking @ \$11.00 per ton		\$187.00	\$11.00	
Haul out & place boxes: 16 M & 8 T hrs.		36.40	2.14	
Misc. Harvest: 4 man and 1 tractor hr.		7.85	.46	
Total Harvesting Cash Cost		\$231.25	\$13.60	
Total Cash and Labor Cost		\$642.00	\$37.77	
DEPRECIATION COSTS:				
Trees: Original Cost \$700. - 20 yrs. life		\$ 35.00		
Irrigation facilities: \$100 cost		4.00		
Buildings: \$100 cost		4.00		
Equipment except tractor - \$250 cost		25.00		
Tractor: 20 hrs. @ 70¢		14.00		
Total Depreciation Cost		\$ 82.00	\$ 4.82	
Total Cash and Depreciation Cost		\$724.00	\$42.59	
INTEREST ON INVESTMENT @ 6%:				
Trees: on 1/2 cost (\$350)		\$ 21.00		
Irrigation facilities: on 1/2 cost (\$50)		3.00		
Buildings: on 1/2 cost (\$50)		3.00		
Equipment, except tractor: on 1/2 cost (\$125)		7.50		
Tractor: 20 hrs. @ 25¢		5.00		
Land (bare) at \$1000		60.00		
Total Interest on Investment		\$ 99.50	\$ 5.85	
TOTAL COST OF PRODUCTION		\$823.50	\$48.44	

COST PER TON AT VARYING YIELDS

Yield, tons per acre	8	12	16	20	25
Total Cost of Production	\$87.63	\$62.95	\$50.62	\$43.21	\$37.29

SAMPLE COSTS TO PRODUCE FAY ELBERTA PEACHES IN MERCED COUNTY - 1965

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.

Verner Carlson
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