

SPRINGTIME PEACHES FOR FRESH SHIPMENT
(matures in early May)
COST ANALYSIS WORK SHEET

Sample costs to produce Springtime peaches in Kern County for fresh shipment. Costs are for a mature orchard containing 108 trees per planted acre, producing 5 tons of fruit with 20% discarded as culls. Man labor at \$1.70 per hour total and equipment operator \$1.90. Medium wheel tractor per hour cash costs \$1.30, depreciation 70¢ and interest 30¢.

	Sample Costs		My Costs	
	Per Acre	Per Ton	Per Acre	Per Ton
<u>PRE-HARVEST CASH COSTS:</u>				
Pruning: 108 trees at 90¢	97.20			
Brush disposal: Contract	4.65			
2 man hours raking brush	3.40			
Fertilize: Materials - 100 lbs. N at 11¢	11.00			
Application - ½ hr. man & tractor	1.60			
Spray 3 times: Material	44.00			
Application	30.00			
Furrow 3 times: 1½ hrs. man & tractor	4.80			
Irrigate 7 times: Labor - 13 hrs.	22.10			
Water - \$12 ft. power cost	54.00			
Disc 5 times: 7½ hrs. man & tractor	24.00			
Thin: 108 trees at \$1.65	178.20			
Girdling 108 trees at 11¢	11.88			
Taxes	36.80			
Misc. labor, materials, field power, including 4 man hrs., and 1 tractor hr.	10.50			
Repairs to equipment except tractor	4.75			
Supervision	14.00			
Office, car, operating capital, insurance, etc.	33.17			
TOTAL PRE-HARVEST CASH COSTS	586.05	117.21		
<u>HARVESTING COSTS:</u>				
Pick 5 tons of fruit at \$26	130.00			
Roadside: 10 man hrs. and 4 tractor hrs.	23.00			
Misc.: 3 man hrs. and 2 tractor hrs.	8.10			
TOTAL HARVESTING COSTS	161.10	32.22		
TOTAL CASH COSTS	747.15	149.43		
<u>DEPRECIATION:</u>				
Irrigation system: Cost \$350, 15 yrs. life	23.33			
Tractor: 16½ hrs. at 70¢	11.55			
Buildings: Cost \$40, 20 yrs. life	2.00			
Equipment except tractor: Cost \$80, 10 yrs. life	8.00			
Trees: Cost \$1600.00, 15 yrs. life	106.66			
TOTAL DEPRECIATION	151.54	30.31		
<u>INTEREST ON INVESTMENT AT 7%:</u>				
Irrigation system: ½ cost \$175	12.25			
Tractor: 16½ hrs. at 30¢	4.95			
Buildings: ½ cost \$20	1.40			
Equipment except tractor: ½ cost \$40.00	2.80			
Trees: ½ cost \$800	56.00			
Land: \$1200	84.00			
TOTAL INTEREST ON INVESTMENT	161.40	32.28		
TOTAL COST OF PRODUCTION	1060.09	212.02		

400 lbs. culls per ton	no value
Net cost 1600 lbs. merchantable fruit	\$212.02
Net cash costs only, per 22 lb. lug	2.05
Total costs per 22 lb. lug	2.92

SAMPLE COSTS AT VARYING YIELDS

Tons per acre	Average			
	3	4	5	6
Total cost of production per ton	336.03	258.52	212.02	181.02
Cash costs only - per 22 lb. lug	3.19	2.48	2.05	1.77
Total costs per 22 lb. lug	4.62	3.55	2.92	2.49
Packed lugs per acre	218	291	363	436

Kenneth W. Hench
Farm Advisor

Edward A. Yeary
Farm Advisor-Statewide

ABOUT THESE COST DATA - - - - -

The costs of production in any agricultural enterprise will vary considerably from ranch to ranch. The input and cost data in this booklet are sample costs. They are intended to be used only as educational guides in assisting you to appraise and plan your own crop and livestock program.

These cost data do not represent industry averages.

University of California
Agricultural Extension Service
Kern County
October 1968