

SUNCREST PEACHES FOR FRESH SHIPMENT
(matures in early July)

Cost Analysis Work Sheet

Sample costs to produce Suncrest peaches in Fresno County for fresh shipment. Costs are for a mature orchard containing 108 trees per planted acre, producing 20½ 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
PRE-HARVEST CASH COSTS:				
Pruning: 108 trees at \$1.10	118.80			
Brush disposal: contract \$6	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 ac. ft.	14.00			
Disc 5 times: 7½ hrs. man & tractor	27.00			
Thin: 108 trees at \$1.45	156.60			
Prop & 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.	64.58			
Total Pre-harvest Cash Costs	582.10	28.39		
HARVESTING COSTS:				
Pick: 1700 lugs (22 lbs.) at 30¢	510.00			
Roadside: 14 man hrs. & 7 tractor hrs.	39.20			
Misc. 4 man hrs. & 1 tractor hr.	9.60			
Total Harvesting Costs	558.80	27.26		
TOTAL CASH COSTS	1140.90	55.65		
DEPRECIATION:				
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			
Total Depreciation	87.00	4.24		
INTEREST ON INVESTMENT AT 7%:				
Irrigation system & well: ½ cost \$120	8.40			
Bldgs. & equip. except tractor: ½ cost \$60	4.20			
Tractor: 19 hrs. at 30¢	5.70			
Trees: ½ cost \$580	40.60			
Land: \$900	63.00			
Total Interest on Investment	121.90	5.95		
TOTAL COST OF PRODUCTION	1349.80	65.84		
Credit for 200 lbs. culls (10%) per ton	no value			
Net cost of 1800 lbs. merchantable fruit	65.84			
Net cash cost of 22 lbs. (1 lug) merchantable fruit	.68			
Total cost of one 22 lb. lug	.80			

SUNCREST PEACH PRODUCTION

Cost Analysis Work Sheet

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

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>		<u>Exceptional</u>		24
			16	18	20	22	
Total cost of production per ton	\$94.53	84.52	77.03	71.21	66.53	62.72	59.54
Cash costs only: for one 22 lb. lug	.94	.85	.78	.73	.68	.65	.62
Total cost per 22 lb. lug	1.16	1.03	.94	.87	.81	.77	.73
Packed lugs per acre	982	1145	1309	1473	1636	1800	1964

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

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