

LE GRAND NECTARINES
COST ANALYSIS WORK SHEET

Sample costs to produce Le Grand Nectarines in Fresno County during 1961. Costs are for a mature orchard containing 108 trees per planted acre, producing 10 tons of fruit for fresh shipment. Man labor at \$1.25 per hour and equipment operator at \$1.40.

	Sample Costs		My Costs	
	Per Acre	Per Ton	Per Acre	Per Ton
PRE-HARVEST CASH COSTS:				
Pruning - 108 trees @ 75¢	81.00			
Brush disposal-contract \$4.00/acre	4.00			
3 man hrs. hand work	3.75			
Fertilize - material 108 lbs N @ 15¢	16.20			
application ½ hr. man & tractor	1.20			
Spray - 3 times - materials	38.00			
application 1300 gal @ 2¢	26.00			
Furrow - 3 times - 1½ hrs. man & tractor	3.60			
Irrigate - 7 times - labor 13 hrs.	16.25			
3½' of water	12.95			
Disc - 5 times - 7½ hrs. man & tractor	18.00			
Thin - 108 trees @ 80¢	86.40			
Prop & tie - 5 hrs. labor	6.25			
materials	2.50			
Plant covercrop - 50 lbs. barley seed	2.10			
½ hr. man & tractor	1.20			
Taxes	16.50			
Misc. labor, materials, field power, inc.				
4 man hrs. & 1 tractor hr.	8.10			
Repairs to equipment except tractor	1.60			
Office, car, operating capital, insurance, etc.	18.00			
TOTAL PRE-HARVEST CASH AND LABOR COSTS	363.60	36.36		
HARVESTING COSTS:				
Pick fruit - 10 tons @ \$26.00	260.00			
Roadside - 14 man hrs., 7 tractor hrs.	25.55			
Misc. - 4 man hrs., 1 tractor hr.	6.15			
TOTAL HARVESTING COSTS	291.70	29.17		
TOTAL CASH AND LABOR COSTS	655.30	65.53		
DEPRECIATION:				
Irrigation system - cost \$90.00 20 yr. life	4.50			
Tractor - 19 hrs. @ 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 \$958.00 inc. patent 20 yr. life	47.90			
TOTAL DEPRECIATION	65.19	6.52		
INTEREST ON INVESTMENT AT 6%:				
Irrigation system - ½ cost \$45.00	2.70			
Tractor - 19 hrs. @ 19¢	3.61			
Bldgs. for equipment - ½ cost \$10.00	.60			
Equipment except tractor - ½ cost \$20.00	1.20			
Trees - ½ cost \$479.00	28.74			
Land at \$800.00	48.00			
TOTAL INTEREST ON INVESTMENT	84.85	8.48		
TOTAL COST OF PRODUCTION	805.34	80.53		
COST OF FRUIT SUITABLE FOR PACKING (90% of total)		89.48		
COST OF 24 LBS MERCHANTABLE FRUIT \$1.07				

COST ANALYSIS WORKSHEET

LE GRAND NECTARINE PRODUCTION

by

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This work sheet was developed to show sample costs for a rather high 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 in climate influence fruit set and quality. Consequently, differences in thinning, pest control, and cullage will occur.
2. These sample costs are based on 10 acre tree fruit operations and larger.
3. No account is taken for partial or complete crop loss due to frost, wind, labor problems, etc.
4. No allowance is made for cost of management.
5. Present bearing Le Grand Nectarine orchards were subject to patent fees at planting time. New plantings are not subject to this cost.

SAMPLE COSTS AT VARYING YIELDS

Costs shown are adjusted to 90% of the total yields with no credit allowed for 10% culls.

Total Yield Per Acre	5 Tons	7½ Tons	10 Tons	12½ Tons
Cost of Merchantable Fruit	\$150.60	\$108.72	\$ 89.48	\$ 77.70
Cost of 24 lbs. Merchantable Fruit	\$ 1.81	\$ 1.30	\$ 1.07	\$.93