

NAVEL ORANGES

SAMPLE PRODUCTION COSTS FOR SAN BERNARDINO COUNTY 1958 - 1959

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SAMPLE COSTS TO PRODUCE NAVEL ORANGES

San Bernardino County 1958 - 1959 Season

Based on a 10-acre owner operation, 90 trees/acre, 60 year old trees, furrow irrigated, wind machine (gas) plus heaters, yield of 300 field boxes per acre, labor \$1.50 per hour or by contract.

Operation	Labor and Equipment	Materials		Total Cost Per Acre	Costs Per Field Box
		Kind	Cost		
Fertilize	\$ 2.00	2 lbs. actual N/tree	\$23.50	\$ 25.50	
Irrigation - 16 times	30.00	Water - 4 ft. (8 month season)	30.00	60.00	
Pest Control - 3 treatments		Contract		80.00	
Other Pests (gophers)	3.00			3.00	
Frost Protection		Labor, gasoline, heater oil		48.00	
Cultivation and Weed Control	2.00	Contract - 3 discings	18.00		
		3 furrowings	4.50	24.50	
Remove and Plant Trees	3.00	1 tree	3.00	6.00	
Pruning and Brush Disposal	15.00			15.00	
Miscellaneous	10.00			10.00	
TOTAL CULTURAL COSTS				\$272.00	\$.91
Pick - 300 field boxes @ 23¢ per field box				\$ 69.00	
Haul - 300 field boxes @ 6¢ per field box				18.00	
TOTAL HARVEST COSTS				\$ 87.00	\$.29
Land	Investment Per Acre	Depreciation Per Acre	Interest* Per Acre	Taxes	\$ 36.00
Trees - 40 years	\$2000.00	\$ - -	\$100.00	Insurance	5.00
Irrigation System - 20 years	1000.00	25.00	25.00	Maintenance and Repair	10.00
Wind Machine (100 HP) - 10 yrs.	200.00	10.00	5.00	General Expense	40.00
Heaters (20/Ac) - 10 years	370.00	37.00	9.25		
	120.00	12.00	3.00	CASH OVERHEAD	\$ 91.00
	\$3690.00	\$84.00	\$142.25	TOTAL CASH COSTS	\$450.00
				Depreciation	\$ 84.00
				Interest on Investment	142.25
				NON-CASH OVERHEAD	\$226.25
				TOTAL ALL COSTS	\$676.25

*Land @ 5%; trees, irrigation system, wind machine, and heaters 1/2 value @ 5%.

The sample costs in this data sheet were revised from the previous year's data sheet by contacting a number of growers. The growers decided that the costs in this data sheet would be the average costs for a well cared for typical Navel orchard in the Redlands-Highland area of San Bernardino County.

The yield is based on the 1958-1959 crop of Navels. Costs are for the 1958 calendar year. The yields and various costs in the growing of Navel oranges in San Bernardino County vary considerably. Some orchards had no crop again this year, while others had a near normal crop. The average was approximately 72 per cent of a normal crop.

IN SUMMARY

	Per Acre	Per Field Box	Your Cost	
			Per Acre	Per Field Box
Cultural Costs	\$272.00	\$.91		
Cash Overhead	91.00	.30		
TOTAL ON TREE CASH COSTS	363.00	1.21		
Harvesting Costs	87.00	.29		
TOTAL ALL CASH COSTS	450.00	1.50		
Depreciation	84.00	.28		
Interest on Investment	142.25	.47		
TOTAL NON-CASH OVERHEAD	226.25	.75		
TOTAL ALL COSTS	\$676.25	\$2.25		