

NAVELS

SAMPLE COST OF PRODUCTION FOR VENTURA COUNTY 1962

A typical navel orchard in Ventura County for which these costs have been developed consists of:

twenty acres, planted 22 x 22 or 90 trees per acre. The average age is 20 years. The owner operates the orchard with additional labor hired at \$1.60 per hour. Pruning and pest control is done by contract.

Irrigation is by furrows, and the soil is nontilled. Weeds are controlled with chemicals and oil.

Frost protection equipment includes a windmachine (5 h.p. per acre) and 15 return stack heaters per acre.

Pruning practices include hedging, dead brushing, and suckering every 5 years. Brush cutters dispose of brush.

Pest control includes a fall oil spray plus an additional spring spray for other pests and micro-nutrients; also protective league assessment.

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SAMPLE PER-ACRE COSTS TO PRODUCE NAVELS
VENTURA COUNTY - 1962

CULTURAL OPERATIONS	Labor & Equip.	Materials		Total Costs/*	
		Kind	Cost	Acre	F. Box
Fertilize 2x	\$ 3.20	2 lbs. N per tree	\$ 18.54	\$22	
Irrigate 7x	21.00	3 acre feet @ \$12.00	36.00	57	
Disease Control	-----	Brown rot spray	10.31	10	
	1.60	Inspect and treat for gummosis	.40	2	
Pest Control 2x	-----	Contract	55.40	55	
Rodent Control	3.20		.80	4	
Frost Protection	6.17	Standby \$37.50; power & oil \$11	48.50	55	
Soil Management	13.20	Monuron 2x; 50 gal. oil	13.60	27	
Pruning	18.32	Contract	5.60	24	
Replant Trees	7.50	3 trees @ \$2.75	8.25	16	
Miscellaneous	7.50		2.50	10	
TOTAL CULTURAL COSTS				\$ 282	\$.66

CASH OVERHEAD

Taxes	\$ 60
Insurance	4
Maintenance and Repair	12
General Expense	25
TOTAL CASH OVERHEAD COSTS	
	\$ 101 \$.23

TOTAL ON-TREE COSTS	\$ 383 \$.89
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Harvesting

Pick 430 boxes @ \$.28 = \$120.40	\$ 120
Haul 430 boxes @ \$.05 = \$ 21.50	21
TOTAL HARVESTING COSTS	
	\$ 141 \$.33

TOTAL ALL-CASH COSTS	\$ 524 \$1.22
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INVESTMENT OVERHEAD

Depreciation	\$ 103	\$.24
Interest on Investment	335	.78
TOTAL INVESTMENT COSTS		
	\$ 438	\$1.02

TOTAL ALL COSTS	\$ 962 \$2.24
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Investment Schedule Per Acre	Investment	Depreciation	Interest
Land	\$4,750.00	-----	\$285.00
Wind Machine and Heaters	375.00	\$ 37.50	9.37
Irrigation System	196.00	6.53	4.90
Equipment	170.00	17.00	4.24
Buildings	50.00	1.66	1.25
Trees	1,200.00	40.00	30.00
TOTAL	\$6,741.00	\$ 102.69	\$334.76

*Rounded off to nearest \$1.00

In Summary

Costs	Per Acre	Per F. Box	Your Cost	
			Per Acre	Per F. Box
Cultural	\$282	\$.66		
Cash Overhead	101	.23		
Total "On-Tree"	383	.89		
Harvesting	141	.33		
Total Cash	524	1.22		
Depreciation	103	.24		
Interest	335	.78		
Total Non-Cash	438	1.02		
Total All Costs	\$962	\$ 2.24		

VENTURA COUNTY NAVEL SITUATION - 1962*

Bearing Acreage	1,944
Non-Bearing Acreage	209
Production - Packed Cartons	742,453
Juice, Tons	2,783
Value (F.O.B.) Packed Cartons	2,931,000
Juice	97,400

*Agricultural Commissioners Report - 1962

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