

Oranges

1960

Valencias

SAMPLE COSTS OF PRODUCTION

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

Twenty acres, planted 22 x 22 or 90 trees per acre, 30 years of age, and is owner-operated. Wage rate \$1.35 per hour. Three per cent yearly replant program, furrow irrigated, and cultivated. Frost protection equipment includes wind machine and 15 orchard heaters per acre. Other equipment includes Ford tractor, disc, springtooth, furrower, fertilizer spreader, oil tank, and tool shed.

Land value \$4,000 per acre.

University of California
Agricultural Extension Service
52 North California Street
Ventura, California
county

SAMPLE COSTS TO PRODUCE VALENCIAS

Ventura County - 1960

Operation	Labor and Equipment	Materials	Cost	Total Cost*	Costs per Field Box
Fertilize	\$ 2.00	2# N/tree	\$20.34	\$22.00	
Irrigate - 6x	18.00	3 ac.ft. @ \$12/acre foot	36.00	54.00	
Disease Control	1.35	Inspecting and treating for brown rot gummosis	.65	2.00	
Pest Control	--	Contract	--	62.00	
Rodent Control	2.70		.50	3.00	
Frost Protection	18.00	Standby \$32.50/A; power \$2.00/A; oil \$4.50/A	39.00	57.00	
Soil Management (cult. & furrow)**	28.00		--	28.00	
Pruning and Brush Disposal	18.00		--	18.00	
Remove and Plant Trees	9.00	3 trees @ \$3.00	9.00	18.00	
Miscellaneous	10.00			10.00	
TOTAL CULTURAL COSTS				\$274.00	\$.75
Pick - 367 boxes @ \$.27 = \$99.09				\$99.00	
Haul - 367 boxes @ \$.06 = \$22.02				22.00	
TOTAL HARVEST COSTS				\$121.00	\$.33
	<u>Investment</u>	<u>Depriciation</u>	<u>Interest</u>		
	<u>Per acre</u>	<u>per acre</u>	<u>per acre</u>		
Land	\$4,000.00	--	\$240.00		
Wind Machines and Heaters	352.00	\$35.20	8.80		
Irrigation System	184.00	6.80	4.60		
Equipment	160.00	16.00	4.00		
Buildings	25.00	.83	.62		
Trees	<u>1,200.00</u>	<u>40.00</u>	<u>30.00</u>		
	\$5,921.00	\$98.83	\$288.02		
				Taxes	\$46.00
				Insurance	4.00
				Maintenance and Repair	12.00
				General Expense	25.00
				<u>CASH OVERHEAD</u>	<u>\$87.00</u>
				TOTAL CASH COSTS	\$482.00
				Depreciation	\$ 99.00
				Interest on Investment	288.00
				<u>NON-CASH OVERHEAD</u>	<u>\$387.00</u>
				TOTAL ALL COSTS	\$869.00
					\$.24
					\$1.32
					\$.27
					.78
					\$1.05
					\$2.37

* Rounded off to nearest \$1.00.

** If weeds are controlled by telvar, the cost would be \$16.00 per acre.

ADDITIONAL REMARKS ON CULTURAL COSTS

Pest Control -- Single spray for insects and micronutrients. Also includes \$24.00 per acre Red Scale Protective League and Insectary assessment.

Soil Management-Disc'd twice, spring toothed and furrowed six times plus hoeing around young trees. Spot-treating perennials with herbicides.

IN SUMMARY

	Per Acre	Per Field Box	Your Cost	
			Per Acre	Per Field Box
Cultural Costs	\$274	\$.75		
Harvesting Costs	121	.33		
Cash Overhead	87	.24		
TOTAL CASH COSTS	\$482	\$1.32		
Depreciation	\$ 99	\$.27		
Interest	288	.78		
TOTAL NON-CASH COSTS	\$387	\$1.05		
TOTAL ALL COSTS	\$869	\$2.37		

Ventura County Valencia Situation - 1960*

Bearing Acreage	16,480
Non-Bearing Acreage	1,643
Production - Packed Cartons	5,426,240
- Juice, Tons	36,185
Value (F.O.B.) Packed Cartons	\$17,603,977
Juice	\$1,554,156

*Data from 1960 Agricultural Commissioner's Report
B. W. Lee, Farm Advisor

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