

Lemons -

SAMPLE COST DATA SHEET - 1958

A TYPICAL ORCHARD IN VENTURA COUNTY

The typical lemon orchard in Ventura County for which these costs have been developed consists of:

Forty acres, planted 20 x 20 or 109 trees per acre, 20 years of age, and is owner-operated. Yield in 1958, 650 field boxes per acre. Wage rate \$1.25 per hour. Five per cent yearly replant program, furrow irrigated, and cultivated. Frost protection equipment includes wind machines and 15 orchard heaters per acre. Other equipment includes D-2 tractor, disc, furrower, weed spray rig, fertilizer spreader, oil tank, well and pump, and tool shed.

Land value \$2,500 per acre.

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

SAMPLE COSTS TO PRODUCE LEMONS

Ventura County - 1958

Operation	Labor & Equipment	Materials		Total Cost	Costs per Field Box
		Kind	Cost		
Fertilize	\$ 2.00	2# N/tree (1# from Urea, 1# from NH ₃)	\$28.00	\$30.00	
Irrigate - 6x	18.00	2½ ft. @ \$12/acre foot	30.00	48.00	
Disease Control	2.50	Bordeaux spray plus inspection for brown rot	7.50	10.00	
Pest Control - 2x	-	Contract	-	61.00	
Rodent Control	2.50		.50	3.00	
Frost Protection	6.00	Standby \$32.50/a.; power \$1.50/a.; oil \$12.00/a.	46.00	52.00	
Soil Management (cult. & furrow)*	36.00		-	36.00	
Pruning and Brush Disposal - 2x	9.00	Contract - Mechanical Topping @ \$12/a./time	-	33.00	
Remove and Plant Trees	10.75	5 trees @ \$2.25	11.25	22.00	
Miscellaneous	10.00		-	10.00	
TOTAL CULTURAL COSTS				\$305.00	\$.47
Pick - 650 boxes @ \$.46				\$299.00	
Haul - 650 boxes @ \$.05				32.50	
TOTAL HARVEST COSTS				\$331.50	\$.51
	<u>Investment per acre</u>	<u>Depreciation per acre</u>	<u>Interest per acre</u>		
Land	\$2,500.00	-	\$125.00	Taxes	\$ 46.00
Wind Machines and Heaters	340.00	\$34.00	8.50	Insurance	4.00
Irrigation System	446.00	23.13	11.15	Maintenance and Repair	12.00
Equipment	209.00	20.90	5.22	General Expense	25.00
Buildings	25.00	.83	.62	CASH OVERHEAD	\$ 87.00
Trees	<u>1,200.00</u>	<u>40.00</u>	<u>30.00</u>	TOTAL CASH COSTS	\$723.50
	\$4,720.00	\$118.86	\$180.49	Depreciation	\$119.00
				Interest on Investment	180.00
				NON-CASH OVERHEAD	\$299.00
				TOTAL ALL COSTS	\$1,022.50
					\$1.57

*If weeds are controlled by monuron, the cost would be \$22.00.

ADDITIONAL REMARKS ON CULTURAL COSTS

Pest Control	Includes two sprays (spring and fall) for insects and micro nutrients. Also, Protective League @ 4½¢ per tree and Insectary @ 4¢ per tree.
Soil Management	Disced twice, spring toothed and furrowed six times plus hoeing around young trees.
Pruning	Five per cent of trees pruned heavily by hand to invigorate. Brush disposed of by discing.

IN SUMMARY

	Per Acre	Per Field Box	<u>Your Cost</u>	
			Per Acre	Per Field Box
Cultural Costs	\$305	\$.47		
Harvesting Costs	331	.51		
Cash Overhead	87	.13		
TOTAL CASH COSTS	\$723	\$1.11		
Depreciation	\$119	\$.18		
Interest	180	.28		
TOTAL NON-CASH COSTS	\$299	\$.46		
TOTAL ALL COSTS	\$1,022	\$1.57		

Ventura County Lemon Situation - 1958*

Bearing Acreage	21,670
Non-Bearing Acreage	5,311
Production -- Packed Cartons	10,172,459
Juice, Tons	131,903
Value (F.O.B.) Packed Cartons	\$24,593,292
Juice	4,853,560

*Data from 1958 Agricultural Commissioner's Report

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B. W. Lee, Farm Advisor

4/59