

SAMPLE COSTS TO PRODUCE LEMONS, ORANGE COUNTY

These costs are derived from typical expenses incurred with mature orchards (yield of 250 field boxes per acre) on level cultivated ground, furrow irrigation, windbreaks and wind machines for wind and frost protection. Costs are calculated from \$1.50/hr for manual labor, \$2.00/hr for equipment operators, \$1.50/hr for tractor expenses.

CULTURAL OPERATIONS

	<u>Sample Costs Per Acre</u>		
	<u>Material &amp; Equipment</u>	<u>Labor</u>	<u>Total</u>
Fertilize, N, Zn & Mn	\$ 33.00	\$ 1.00	\$ 34.00
Irrigate, 7x - 2½ ac ft of water	50.00	15.75	65.75
Soil Management, 3x, disc & furrow	10.00	13.00	23.00
Pest Control, 2x, spring & fall	80.00	Contract	80.00
Frost Protection - electric W.M.	32.00	10.00	42.00
Remove & Replant Trees	5.00	10.50	15.50
Prune & Remove Brush		36.00	36.00
Windbreaks, Tree Care, Misc.		25.00	25.00
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TOTAL CULTURAL COSTS	\$210.00	\$111.25	\$321.25

HARVESTING

Picking	112.00
Hauling	28.00
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TOTAL HARVESTING COSTS	\$140.00

OPERATING OVERHEAD

Taxes	90.00
General Expense, inc. insurance \$6.00	20.00
Maintenance & Repairs	12.50
Depreciation	87.00
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TOTAL OPERATING OVERHEAD COSTS	\$209.50
<u>TOTAL OPERATING COSTS</u>	<u>\$670.75</u>

## CULTURAL OPERATIONS

Water costs will vary considerably between districts. The reported rate has been adjusted to represent predominately agricultural areas.

Nitrogen fertilizer is applied twice each year. Micronutrients are included in the pest control sprays.

Pruning is done annually with a hand crew.

Pest Control is by two oil sprays. Gopher and snail control expenses are included in miscellaneous.

## OPERATING OVERHEAD

County taxes reported in this study are for land, trees, farm buildings, and improvement. Rates are for predominately agricultural areas.

## CAPITAL COSTS

Interests and depreciation are calculated on a typical orchard investment. Land is excluded in this report because urbanization does not permit an agricultural price to be established.

Investment Schedule Per Acre	Depreciation	Interest <sup>1/</sup>
Trees \$1000	\$30.00	\$30.00
Buildings & Pipelines 300	12.00	9.00
Equipment & W.M. 450	45.00	13.50
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\$1750	\$87.00	\$52.50
<sup>1/</sup> Interest on 1/2 original value		

## ORANGE COUNTY LEMON SITUATION - 1963\*

Bearing Acreage	2,065
Non-bearing Acreage	113
Production - tons	12,906
Value (f.o.b.)	\$1,758,400

\* Agricultural Commissioners Report 1963