

LEMONS

SAMPLE COST OF PRODUCTION

FOR

VENTURA COUNTY

1962

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

Forty 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 are by contract.

Irrigation is by furrows, and the soil is non-tilled. Weeds are controlled with chemicals and oil. Frost protection equipment includes a wind-machine (5 h.p. per acre) and 15 return stack heaters per acre.

Pruning practices include mechanical topping and hand pruning on alternate year basis. Brush cutters dispose of brush.

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

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

| CULTURAL OPERATIONS | Labor & Equip. | Materials | | Total Costs/* | |
|-----------------------------|----------------|------------------------------------|---------|---------------|---------------|
| | | Kind | Cost | Acres | F.Box |
| Fertilize 2x | \$ 3.20 | 2½ lbs. N (½ lb. in pest control) | \$18.54 | \$ 22 | |
| Irrigate 7x | 21.00 | 2½ acre ft. @ \$12.00 | 30.00 | 51 | |
| Disease Control | 6.42 | Bordeaux spray and gummosis | 10.90 | 17 | |
| Pest Control 2x | ---- | Contract | 58.10 | 58 | |
| Rodent Control | 3.20 | | .80 | 4 | |
| Frost Protection | 8.67 | Standby \$37.50; power & oil \$29. | 66.50 | 75 | |
| Soil Management | 3.20 | Monuron 2x; 50 gal. oil | 19.20 | 22 | |
| Pruning | ---- | Contract | | 77 | |
| Replant Trees | 7.50 | 3 trees @ \$2.75 | 8.25 | 16 | |
| Miscellaneous | 7.50 | | 2.50 | 10 | |
| TOTAL CULTURAL COSTS | | | | \$352 | \$.48 |

CASH OVERHEAD

| | |
|----------------------------------|---------------------|
| Taxes | \$ 60 |
| Insurance | 4 |
| Maintenance and Repair | 12 |
| General Expense | 25 |
| TOTAL CASH OVERHEAD COSTS | \$101 \$.14 |

| | |
|---------------------------------|---------------------|
| TOTAL ON-TREE CASH COSTS | \$453 \$.62 |
|---------------------------------|---------------------|

HARVESTING

| | |
|--|---------------------|
| Pick 735 boxes @ \$.46 = \$338.10 | \$338 |
| Haul 735 boxes @ \$.06 = \$ 44.10 | 44 |
| TOTAL HARVESTING COSTS | \$382 \$.52 |

| | |
|-----------------------------|---------------------|
| TOTAL ALL-CASH COSTS | \$835 \$1.14 |
|-----------------------------|---------------------|

INVESTMENT OVERHEAD

| | | |
|----------------------------------|--------------|---------------|
| Depreciation | \$104 | \$.14 |
| Interest on Investment | 335 | .46 |
| TOTAL INVESTMENT COSTS | \$439 | \$.60 |

| | |
|------------------------|-----------------------|
| TOTAL ALL COSTS | \$1,274 \$1.74 |
|------------------------|-----------------------|

| <u>Investment Schedule Per Acre</u> | <u>Investment</u> | <u>Depreciation</u> | <u>Interest</u> |
|-------------------------------------|-------------------|---------------------|-----------------|
| Land | \$4,750.00 | ----- | \$285.00 |
| Wind Machines and Heaters | 375.00 | \$37.50 | 9.37 |
| Irrigation System | 196.00 | 6.53 | 4.90 |
| Equipment | 190.50 | 19.05 | 4.76 |
| Buildings | 25.00 | .83 | .62 |
| Trees | 1,200.00 | 40.00 | 30.00 |
| TOTAL | \$6,736.50 | \$103.91 | \$334.65 |

*Rounded off to nearest \$1.00

IN SUMMARY

| Costs | Per Acre | Per F.Box | Your Cost | |
|-----------------|-------------|--------------|-------------|--------------|
| | | | Per Acre | Per F.Box |
| Cultural | \$352 | \$.48 | | |
| Cash Overhead | 101 | .14 | | |
| Total "On-Tree" | \$453 | \$.62 | | |
| Harvesting | \$382 | \$.52 | | |
| Total Cash | \$835 | \$1.14 | | |
| Depreciation | \$104 | \$.14 | | |
| Interest | 335 | .46 | | |
| Total Non-Cash | \$439 | \$.60 | | |
| Total All Cost | \$1,274 | \$1.74 | | |

VENTURA COUNTY LEMON SITUATION - 1962*

| | |
|---------------------------------------|---------------|
| Bearing Acreage | 20,887 |
| Non-Bearing Acreage | 2,252 |
| Production - Packed Cartons | 10,410,186 |
| Juice, Tons. | 711,916 |
| Value (F.O.B.) Packed Cartons | \$27,467,000. |
| Juice | \$3,626,000. |

*Agricultural Commissioners Report - 1962

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