

SAMPLE COSTS TO
PRODUCE ORANGES
IN
KERN COUNTY
1966

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COST ANALYSIS WORK SHEET
 SAMPLE COSTS TO PRODUCE ORANGES IN KERN COUNTY - 1966

Sample costs are based on a 60-acre orchard using non-tillage and low-volume sprinkler irrigation system. Man labor at \$1.30 and \$1.50 per hour. These sample costs do not include a charge for management.

<u>CULTURAL OPERATIONS</u>	<u>SAMPLE COSTS</u> \$ per acre	<u>YOUR COSTS</u> \$ per acre
Fertilization - labor and material	27	_____
Irrigate - labor (12 times)	31	_____
water, power to pump 3½ ac. ft. @ \$10	35	_____
Pest Control (3 times) contract	85	_____
Weed Control & Cultivation (non-tillage)	21	_____
Pruning & Disposal	18	_____
Frost Protection	65	_____
Tree Replacement	6	_____
Miscellaneous	12	_____
Sub-Total	300	_____
 <u>CASH OVERHEAD</u>		
Taxes (\$17 to \$25)	21	_____
Maintenance & Repair	7	_____
General Expense	16	_____
Sub-Total	44	_____
TOTAL PRE-HARVEST CASH COST	344	_____
 <u>INVESTMENT OVERHEAD</u>		
Depreciation ^{a/}	117	_____
Interest ^{b/}	138	_____
Sub-Total	255	_____
TOTAL PRE-HARVEST COST	599	_____
TOTAL PRE-HARVEST COST (LESS INTEREST)	461	_____

^{a/} Depreciation is based on the following investment per acre: trees at \$1,000 (25 yrs.), irrigation system including pump and well \$360 (varying yrs), wind machine and heaters \$620 (average 15 yrs), and buildings and equipment \$220 (varying yrs).

^{b/} A charge at 6% interest for investment in land, trees, irrigation system, pump, well, and buildings and equipment. Land value assumed to be \$1,200 per acre.

SAMPLE COSTS

Sample costs in this report are based on a typical orange orchard in Kern County. Costs will vary from orchard to orchard and for the same orchard in different years. The purpose of these sample costs is to serve as a guide for cost estimation. They are not presented as average costs of production.

YIELD PER ACRE

Significant variations occur in yield per acre for different orchards and in different years. Average good commercial yields per acre should range from 300 to 500 field boxes for Navel oranges. The average yield per acre for the 1964-65 Navel crop in Central California as reported by the Navel Orange Administrative Committee was 321 field boxes.

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