

NAVEL ORANGE PRODUCTION  
Cost Analysis Work Sheet 1968

Sample costs to produce Navel Oranges in Kern County. Based on a planting of 180 trees per acre, yielding 600 field boxes of fruit. Man labor \$1.70 per hour total, and equipment operator \$1.90.

	Sample Costs		My Costs	
	Per Acre	Per Field Box	Per Acre	Per Field Box
<u>PRE-HARVEST CASH COSTS</u>				
Fertilize: labor & materials	30.00			
Irrigate: water; power for 3½ acre feet at \$20	70.00			
labor	20.40			
Pest control (3 times), contract	85.00			
Weed control: chemical (non-tillage)	21.00			
Pruning & brush disposal	18.00			
Frost protection	60.00			
Tree replacement	6.00			
Taxes	60.00			
Repairs & maintenance	10.00			
Misc. tree care & rodent control	8.00			
Supervision by foreman	14.00			
Office & business expenses	24.14			
<b>TOTAL PRE-HARVEST CASH COSTS</b>	<b>426.54</b>	<b>.71</b>		
<u>HARVESTING COSTS</u>				
On-tree fruit value is used so harvest costs do not show				
<b>TOTAL HARVESTING COSTS</b>				
<b>TOTAL CASH COSTS</b>	<b>426.54</b>	<b>.71</b>		
<u>DEPRECIATION</u>				
Irrigation system, pump, well \$390 cost - 12 year life	32.50			
Bldgs. & equipment \$250 cost - 12 yr. life	20.83			
Wind machine & heaters \$620 cost 10 yrs.	62.00			
Trees: \$1900 - 25 yrs.	76.00			
<b>TOTAL DEPRECIATION</b>	<b>191.33</b>	<b>.32</b>		
<u>INTEREST ON INVESTMENT AT 7%</u>				
Irrigation system: ½ cost \$195	13.65			
Bldgs. & equipment: ½ cost \$125	8.75			
Wind machine & heaters: ½ cost \$310	21.70			
Trees: ½ cost \$950	66.50			
Land: \$1200	84.00			
<b>TOTAL INTEREST ON INVESTMENT</b>	<b>194.60</b>	<b>.32</b>		
<b>TOTAL COST OF PRODUCTION</b>	<b>812.47</b>	<b>1.35</b>		
<b>VALUE OF FRUIT ON-TREE AT \$1.30</b>				
<b>FIELD BOX</b>	<b>780.00</b>	<b>1.30</b>		

## SAMPLE COSTS OF PRODUCTION AT VARYING YIELDS

Yield: Field boxes per acre	300	400	500	600	700	800
Cash costs per field box*	\$ 1.42	1.07	.85	.71	.61	.53
Total cost per field box*	2.71	2.03	1.62	1.35	1.16	1.02
*Harvesting not included						

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### A B O U T   T H E S E   C O S T   D A T A   - - -

The cost of production in any agricultural enterprise will vary considerably from ranch to ranch. The input and cost data in this booklet are sample costs. They are intended to be used only as educational guides in assisting you to appraise and plan your own crop and livestock program.

These cost data do not represent industry averages.

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