

**ESTABLISHMENT COSTS
FOR
WALNUT ORCHARDS
IN
SONOMA COUNTY
1964**

AGRICULTURAL EXTENSION SERVICE, UNIVERSITY OF CALIFORNIA

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SAMPLE COSTS OF ESTABLISHING A/WALNUT ORCHARD, 1964

Sonoma County, based on 80 acre orchard
planted 30 feet by 30 feet

	COSTS PER ACRE					
	1st year	2d year	3d year	4th year	5th year	6th year
Land preparation	\$ 10.00					
Survey and peg	5.00					
Dig holes	5.00					
Trees, 48 @ \$3	144.00					
Plant and prune	13.00					
Stakes	12.00					
Stake trees	8.00					
Total planting costs	\$ 197.00					
Prune and train	\$ 35.00	\$ 8.00	\$ 5.00	\$ 6.00	\$ 8.00	\$ 10.00
Cultivate	15.00	15.00	15.00	15.00	15.00	15.00
Water	3.00	3.00	6.00	8.00	10.00	10.00
Irrigate	6.00	5.00	4.00	4.00	4.00	4.00
Fertilize	3.00	6.00	9.00	10.00	11.00	12.00
Spray material	1.00	2.00	2.00	3.00	4.00	4.00
Spraying	3.00	5.00	8.00	12.00	15.00	20.00
Miscellaneous cultural (includes replants)	4.00	9.00	10.00	6.00	7.00	8.00
Miscellaneous overhead (inc. insurance, etc.)	15.00	6.00	4.00	8.00	9.00	12.00
County taxes	20.00	20.00	20.00	20.00	26.00	26.00
Total cash costs other than planting	\$ 105.00	\$ 79.00	\$ 83.00	\$ 92.00	\$ 109.00	\$ 121.00
Total all cash costs	\$ 302.00	\$ 79.00	\$ 83.00	\$ 92.00	\$ 109.00	\$ 121.00
Accumulated cash costs at end of 6th year						\$ 786.00
Management	\$ 10.00	\$ 10.00	\$ 10.00	\$ 10.00	\$ 10.00	\$ 10.00
Depreciation	45.00	45.00	50.00	50.00	55.00	60.00
Interest on Investment	75.00	101.00	117.00	133.00	151.00	172.00
Total management overhead	\$ 130.00	\$ 156.00	\$ 177.00	\$ 193.00	\$ 216.00	\$ 242.00
Total development cost each year	\$ 432.00	\$ 235.00	\$ 260.00	\$ 285.00	\$ 325.00	\$ 363.00
Investment per acre						
Land	\$1000.00	\$1000.00	\$1000.00	\$1000.00	\$1000.00	\$1000.00
Trees	-	432.00	667.00	927.00	1212.00	1537.00
Irrigation system	150.00	150.00	150.00	150.00	150.00	150.00
Buildings	100.00	100.00	100.00	100.00	100.00	100.00
Equipment	250.00	250.00	300.00	300.00	350.00	400.00
Accumulated capital invest- ment costs	\$1500.00	\$1932.00	\$2217.00	\$2477.00	\$2812.00	\$3187.00
Total development costs at end of 6th year						\$1900.00

ABOUT THIS SHEET

This sheet contains sample costs of establishing a walnut orchard under Sonoma County conditions. The information is for use as a guide in determining the costs of establishing a specific orchard. It is not intended to represent averages for the industry.

LAND PREPARATION

Costs shown are based on cleared, reasonably level land. Clearing, leveling, etc. would be additional costs usually reflected in the land value.

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George B. Alcorn, Director, California Agricultural Extension Service.