

SAMPLE COSTS TO PRODUCE WALNUTS IN SANTA BARBARA COUNTY - 1960

Santa Ynez Valley area; mature orchard; average yield: 2,000 lbs. per acre; cultivated; furrow irrigated; mechanically shaken and harvested; 50-acre unit; deep valley soil; 50' x 50' tree spacing; Payne variety.

Operation	Cost per acre			Total
	Labor	Equipment	Material	
	dollars			
<u>Cultural costs</u>				
Irrigate 4" x 6" (24 acre in. per acre)	13.00	7.00	18.00	38.00
Cultivate, furrow, roll, 11 times	7.00	22.00		29.00
Fertilize, cover crop	2.00	1.00	19.00	22.00
Prune, brush disposal	9.00	2.00		11.00
Pest control	4.00	3.00	10.00	17.00
Miscellaneous	5.00	1.00	3.00	9.00
Total cultural	40.00	36.00	50.00	126.00
<u>Harvesting costs</u>				
Knock, pick, & haul	25.00	22.00	3.00	50.00
Hull, dehydrate, & deliver	10.00	3.00	7.00	20.00
Total harvest	35.00	25.00	10.00	70.00
<u>Cash overhead</u>				
Miscellaneous, office, etc.			9.00	
Taxes			15.00	
Insurance			3.00	
Total cash overhead			27.00	27.00
Total cash cost	75.00	61.00	87.00	223.00
<u>Investment</u>	<u>Per acre</u>	<u>Depre- ciation</u>	<u>6% Interest on investment</u>	
Land	1,000.00	--	60.00	
Trees	600.00	15.00	18.00	
<u>Irrigation</u>				
Well	120.00	5.00	4.00	
Pipelines	40.00	2.00	1.00	
Harvester	100.00		3.00	
Shaker, etc.	40.00		2.00	
Dehydrator	160.00		5.00	
<u>Machinery</u>				
Truck, trl.	100.00		3.00	
Tractor, etc.	140.00		4.00	
Total investment	2,300.00	22.00	100.00	122.00
TOTAL COST PER ACRE				345.00
Cost per lb. @ 2,000 lb. yield				17.2¢

Source: Goodall, George E., Walnuts - Sample Costs and Income, Santa Barbara County, Santa Ynez Valley, 1960, University of California Agricultural Extension Service, Santa Barbara.

SAMPLE COSTS TO PRODUCE WALNUTS IN WESTERN MERCED COUNTY - 1961

Yield: 2,000 lbs. per acre. Hand laborers \$1.25 per hour, machinery operators \$1.40 per hour. Medium wheel tractor per hour cash cost is \$1.00. Orchard furrow irrigated.

Operation	Hours Per Acre	Cost per acre			Total
		Labor	Fuel and repairs	Materials Kind and Quantity Cost	
dollars					
<u>Cultural costs</u>					
Prune	10.0	12.50			12.50
Brush disposal (4 men)	1.0	5.00	1.00		6.00
Fertilize (applied)				N-150 lbs. @.13	19.50
Spray 3 times (contract)				600 gal. @.02	12.00
				Material	40.00
Cultivation	8.0	11.20	8.00		52.00
Irrigate 5 times	5.0	6.25		Water 4 ft.	19.20
Miscellaneous	4.0	5.00	1.00		10.15
					10.00
Total cultural		39.95	10.00		91.65
					141.60
<u>Harvest costs</u>					
Shake				Contract	30.00
Pick				Contract	30.00
Hull & dry				Contract	30.00
Haul				Contract	5.00
Total harvest					95.00
					95.00
<u>Cash overhead</u>					
Miscellaneous, office, etc.					7.69
Taxes					12.19
Total cash overhead					19.88
Total cash cost		39.95	10.00		206.53
					256.48
<u>Annual Cost</u>					
<u>Investment</u>	<u>Per Acre</u>			<u>Depreciation</u>	<u>Interest</u>
Land	1,000.00				60.00
Trees	1,200.00			30.00	36.00
Irrigation system	100.00			4.00	3.00
Equipment	153.00			10.10	4.60
Total investment	2,453.00			44.10	103.60
TOTAL COST PER ACRE					404.18
Cost per lb. @ 2,000 lb. yield					20.2¢

Source: Hendricks, L. C. and E. A. Yeary, Walnut Production Costs in Western Merced County, University of California Agricultural Extension Service, Merced.