

WN-SV-63-3
 SAMPLE COSTS TO PRODUCE WALNUTS IN TEHAMA COUNTY - 1963

Yield: 2,000 lbs.; 50 acres.

Operation	Hours Per Acre	Cost per acre			Total
		Labor	Fuel and repairs	Materials Kind and Quantity Cost	
dollars					
<u>Cultural costs</u>					
Prune	12.0	21.00	6.00		27.00
Brush disposal	4.0	5.40	4.00		9.40
Fertilize				@1.25 per acre 100 lbs. N	13.75
Chop cover crop 3 times	.9	1.58	1.48		3.06
Spray 3 times				@.02 per gal. for application, cop- per	14.00
				Copper and Blue	16.00
				Tedion	21.20
Disc 5 times	2.5	4.38	3.06		7.44
Irrigate 3 times	3.7	5.00		Water 4' @4.00	16.00
Float and roll 4 times	4.0	7.00	5.00		12.00
Total cultural	27.2	44.36	19.54		80.95
<u>Harvest costs</u>					
Shake				Contract	25.00
Sweep, pick up	1.0	3.50		Equipment contract	6.00
Haul to huller	.4	.70	.30		1.00
Clean, hull, & dry				Contract	40.00
Glean					15.00
Haul to market					5.00
Total harvest	1.4	4.20	.30		91.00
<u>Cash overhead</u>					
Miscellaneous					11.55
Taxes & insurance					43.55
Total cash overhead					55.10
Total cash cost		48.56	19.84		227.05
Management - 5% of 2,000 lb. @.22					22.00
<u>Investment</u>					
	<u>Per Acre</u>	<u>Annual Cost</u>			
Land	1,000.00	<u>Depreciation</u>	<u>Interest</u>		
Concrete pipeline	50.00	--	60.00		
Tractor & equipment	450.00	2.00	1.50		
Buildings	70.00	45.00	13.50		
Trees	1,500.00	3.50	2.10		
Total investment	3,070.00	37.50	45.00		
TOTAL COST PER ACRE		88.00	122.10		210.10
Cost per lb. @ 2,000 lb. yield					26.4¢

Source: University of California Agricultural Extension Service, An Economic and Water Use Study for Nine Northeastern California Counties. Published by Northern California Supervisors Association.

SAMPLE COSTS TO PRODUCE WALNUTS IN YOLO COUNTY - 1963

Yield: 2,000 lbs.; 80 acres.

Operation	Hours Per Acre	Cost per acre				Total
		Labor	Fuel and repairs	Materials		
			Kind and Quantity		Cost	
dollars						
<u>Cultural costs</u>						
Prune	9.0	13.50				13.50
Brush removal	2.0	3.00	4.60			7.60
Spray 2 times, 2 men	1.2	1.80	3.30	1 air @6.00	26.00	31.10
Fertilize	.4	.60	1.00	150 lbs. N	18.00	19.60
Disc 4 times	2.0	3.00	4.60			7.60
Furrow 2 times	.5	.75	1.15			1.90
Irrigate 3 times	5.0	7.50	1.00	3 ac. ft.	9.39	17.89
Landplane 4 times	1.0	1.50	2.40			3.90
Cover crop				Seed applied	4.00	4.00
Springtooth	.1	.15	.22			.37
Miscellaneous	2.0	3.00	2.30			5.30
Total cultural	23.2	34.80	20.57		57.39	112.76
<u>Harvest costs</u>						
Shake @2.00	1.5	3.00	2.25			5.25
Rake	.5	.75	.38			1.13
Pick up @2.00	1.3	2.50	2.50			5.00
Haul to shed	1.3	1.88	1.50			3.38
Hull & dry @.01-1/4 lb. labor		25.00	15.63			40.63
Haul to market	1.0	1.50	2.00			3.50
Total harvest	5.5	34.63	24.26			58.89
<u>Cash overhead</u>						
Miscellaneous					3.00	
Taxes					26.00	
Total cash overhead					29.00	29.00
Total cash cost		69.43	44.83		86.41	200.65
<u>Annual Cost</u>						
<u>Investment</u>	<u>Per Acre</u>	<u>Depreciation</u>		<u>Interest</u>		
Land	1,000.00	--		60.00		
Trees	1,000.00	25.00		30.00		
Irrigation system	209.00	10.57		6.28		
Cultural equipment	500.00	40.06		15.04		
Harvest equipment	375.00	33.67		11.25		
Hulling equipment shed	113.00	3.75		3.38		
Total investment	3,197.00	113.05		125.95		239.00
TOTAL COST PER ACRE						439.65
Cost per lb. @ 2,000 lb. yield						22.0¢

Source: Holmberg, David M. and Philip S. Parsons, Walnut Costs of Production, Yolo County, 1963, University of California Agricultural Extension Service, Woodland.