

SAMPLE COSTS TO PRODUCE WALNUTS IN BUTTE COUNTY - 1963

Yield: 2,000 lbs.; 35 trees per acre

Operation	Hours Per Acre	Cost per acre				Total
		Labor	Fuel and repairs	Materials Kind and Quantity	Cost	
dollars						
<u>Cultural costs</u>						
Pruning .5 hr./tree	10.0	14.75			1.00	15.75
Brush removal	2.5	4.00	3.13			7.13
Wiring (1/2 acreage)	1.5	1.95			.55	2.50
Cover crop	.4	.66	.48		2.80	3.94
Spray (blight), 1-1/2 times, 2 men	.7	2.22	3.66	Bordeaux & copper BHC	18.40	24.28
Spray (codling moth & aphid), 2 men	.5	1.48	2.45	Lead, DDT, OMPA	10.50	14.43
Spray (scale & aphid), 1-1/2 times, 2 men	.3	.88	1.47	Parathion, every other year		2.35
Fertilize, 1 time, 2 men	.5	.74	.31	150 lbs. N	20.70	21.75
Disc 6 times	3.0	4.95	4.20			9.15
Landplane 2 times	.6	.99	.85			1.84
Roll 2 times	.5	.83	.55			1.38
Irrigate 3 times	3.5	4.55	1.50	Power for 3.1 ft. @3.00	9.30	15.35
Total cultural		38.00	18.60		63.25	119.85
<u>Harvest costs</u>						
Shake, 2 men	1.5	4.45	4.00			8.45
Sweep	1.0	1.30	1.30			2.60
Pick up	1.0	1.65	4.50			6.15
Cleaning	5.6	7.00			.50	7.50
Hauling	1.0	1.30	1.20			2.50
Hull & dry					35.00	35.00
Supervision		5.00				5.00
Total harvest		20.70	11.00		35.50	67.20
<u>Cash overhead</u>						
Taxes & insurance					42.63	
Miscellaneous					9.35	
Total cash overhead					51.98	51.98
Total cash cost		58.70	29.60		150.73	239.03
Management - 5% of 2,000 lb. @.25						25.00
<u>Annual Cost</u>						
<u>Investment</u>	<u>Per Acre</u>	<u>Depreciation</u>		<u>Interest</u>		
Land	1,250.00	--		75.00		
Trees	1,300.00	32.50		39.00		
Irrigation	100.00	6.67		3.00		
Buildings	50.00	1.25		1.50		
Tractor & equip.	350.00	35.02		10.19		
Total investment	3,050.00	75.44		128.69		204.13
TOTAL COST PER ACRE						468.16
Cost per lb. @ 2,000 lb. yield						23.4¢

SAMPLE COSTS TO PRODUCE WALNUTS IN SAN JOAQUIN COUNTY - 1963

Based on 80 acres and a yield of 2,000 lbs. per acre. Labor at \$1.50 per hour.

Operation	Hours Per Acre	Cost per acre			Total
		Labor	Fuel and repairs	Materials Kind and Quantity Cost	
dollars					
<u>Cultural costs</u>					
Prune & remove brush	6.5	9.75	2.25		12.00
Disc 6 times	3.0	4.50	4.65		9.15
Spray 3 times (contract)				Application 2 @6.00 1 @7.00	19.00
				Codling moth & aphid (DDT, Oil, BHC)	4.93
				Aphid (Parathion)	1.09
				Scale or Red Spider (Trithion)	5.84
Ridge	1.0	1.50	1.60		3.10
Irrigate 4 times	4.0	6.00	2.00	Water 2-1/2 ft. @4.00	10.00
Fertilize	.3	.45	.50	Nitrogen 150 lbs. @.11/lb.	16.50
Float 4 times	1.0	1.50	1.50		3.00
Miscellaneous (disease, cover crop, etc.)	3.0	4.50	.50		5.00
Total cultural		28.20	13.00		62.36
<u>Harvest costs</u>					
Knock	1.0	1.50	1.50		3.00
Rake	1.0	1.50	.75		2.25
Pick up	1.0	1.50	1.50		3.00
Haul to huller	1.0	1.50	1.50		3.00
Hull & dry		5.00	2.00	Fuel & electricity	3.00
Haul to market	.5	.75	1.00		1.75
Total harvest		11.75	8.25		3.00
<u>Cash overhead</u>					
Miscellaneous					6.35
Taxes					26.00
Total cash overhead					32.35
Total cash cost		39.95	21.25		97.71
Management - 5% of 2,000 lb. @.23					23.00
<u>Investment</u>					
	<u>Per Acre</u>	<u>Annual Cost</u>			
Land	1,000.00	<u>Depreciation</u>	<u>Interest</u>		
Trees	1,500.00	--	60.00		
Irrigation system	200.00	43.00	45.00		
Shop	75.00	10.00	6.00		
Huller & dehydrator	138.00	3.75	2.25		
Tractor & trucks	186.00	6.90	4.14		
Cultural equipment	30.00	18.60	5.58		
Harvest equipment	188.00	3.00	.90		
Total investment	3,317.00	18.80	5.64		
TOTAL COST PER ACRE					415.47
Cost per lb. @ 2,000 lb. yield					20.8¢