

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
Spray (codling moth & aphid), 2 men	.5	1.48	2.45	Lead, DDT, OMPA	10.50
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
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
<b>Total cultural</b>		<b>38.00</b>	<b>18.60</b>		<b>63.25</b>
<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
<b>Total harvest</b>		<b>20.70</b>	<b>11.00</b>	<b>35.50</b>	<b>67.20</b>
<u>Cash overhead</u>					
Taxes & insurance				42.63	
Miscellaneous				9.35	
<b>Total cash overhead</b>				<b>51.98</b>	<b>51.98</b>
<b>Total cash cost</b>		<b>58.70</b>	<b>29.60</b>	<b>150.73</b>	<b>239.03</b>
<u>Management - 5% of 2,000 lb. @.25</u>					
					<b>25.00</b>
<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	
<b>Total investment</b>	<b>3,050.00</b>	<b>75.44</b>		<b>128.69</b>	<b>204.13</b>
<b>TOTAL COST PER ACRE</b>					<b>468.16</b>
<b>Cost per lb. @ 2,000 lb. yield</b>					<b>23.4¢</b>

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
<b>Total cultural</b>		<b>28.20</b>	<b>13.00</b>		<b>62.36</b>
<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
<b>Total harvest</b>		<b>11.75</b>	<b>8.25</b>		<b>3.00</b>
<u>Cash overhead</u>					
Miscellaneous					6.35
Taxes					26.00
<b>Total cash overhead</b>					<b>32.35</b>
<b>Total cash cost</b>		<b>39.95</b>	<b>21.25</b>		<b>97.71</b>
Management - 5% of 2,000 lb. @.23					23.00
<u>Investment</u>					
	Per Acre	Annual Cost			
Land	1,000.00	Depreciation	Interest		
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		
<b>Total investment</b>	<b>3,317.00</b>	<b>18.80</b>	<b>5.64</b>		
<b>TOTAL COST PER ACRE</b>					<b>415.47</b>
<b>Cost per lb. @ 2,000 lb. yield</b>					<b>20.8¢</b>